

CATALOGUE No.

46-201

ANNUAL



CANADA

CHEMICALS AND ALLIED PRODUCTS

1957

General Review

Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

June, 1959
6323-567

Price 50 cents

Vol. 2—Part XVIII—A-1

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** – The Primary Industries, including mining, forestry and fisheries; **Volume II** – Manufacturing; **Volume III** – Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I – General Review of the Manufacturing Industries
- II – The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
 - Section E. Prairie Provinces
 - Section F. British Columbia
 - Section G. The Manufacturing Industries of Canada, Regional Distribution
- III – Foods and Beverages
- IV – Tobacco and Tobacco Products
- V – Rubber Products
- VI – Leather Products
- VII – Textile Mills
- VIII – Knitting Mills
- IX – Clothing
- X – Wood and Paper Products
- XI – Printing Trades
- XII – Iron and Steel Products
- XIII – Transportation Equipment
- XIV – Non-ferrous Metal Products
- XV – Electrical Apparatus and Supplies
- XVI – Non-metallic Mineral Products
- XVII – Products of Petroleum and Coal
- XVIII – Chemicals and Allied Products
- XIX – Miscellaneous Manufactures

The present report belongs in Part XVIII, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A – General Review
- B – The Acids, Alkalies and Salts Industry
- C – The Fertilizers Industry
- D – The Fertilizer Trade in Canada
- E – The Medicinal and Pharmaceutical Preparations Industry
- F – The Paints, Varnishes and Lacquers Industry
- G – The Primary Plastics Industry
- H – The Soaps, Washing Compounds and Cleaning Preparations Industry
- I – The Toilet Preparations Industry
- J – The Vegetable Oils Industry
- K – The Inks Industry
- L – The Adhesives Industry
- M – The Polishes and Dressings Industry
- N – The Compressed Gases Industry
- O – The Coal Tar Distillation Industry
- P – The Miscellaneous Chemical Products Industry

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

CHEMICALS AND ALLIED PRODUCTS

1957

General Review

Production of chemicals and allied products totalled \$1,203.4 millions in 1957 compared with \$1,111.2 millions in 1956, an increase of about 8.3 per cent. The net value of production, or the value added by manufacturing, also advanced, the \$605.3 millions in 1957 being 8.8 per cent higher than the \$556.2 millions in 1956.

Factory shipments by industries were as follows, in millions of dollars; Acids, alkalies and salts, \$215.8; fertilizers, \$83.8; medicinals and pharmaceuticals, \$140.1; paints and varnishes, \$131.1; primary plastics, \$91.8; soaps, washing compounds and cleaning preparations, \$118.9; toilet preparations, \$49.8; vegetable oils, \$61.0; inks, \$16.9; adhesives, \$13.7; polishes and dressings, \$22.3; compressed gases, \$24.3; coal tar distillation, \$13.7; miscellaneous chemical products, \$220.2.

In the entire group there were 1,137 plants in 1957 with approximately 55,000 employees and an aggregate payroll of \$222 millions. The 554 plants in Ontario accounted for 58 per cent of the production and 49 per cent of the employees and the 372 plants in Quebec accounted for about 30 per cent of the total output and 33 per cent of the workers. The other provinces with 211 plants accounted for about 12 per cent of the total Canadian

production. Materials used in manufacturing processes cost \$565.7 millions and fuel and electricity cost \$42.1 millions.

The exports of chemicals and allied products showed an increase in 1957, the value of \$195.3 millions being about 7 per cent higher than the \$182.9 millions in 1956. The latter has been adjusted to accommodate a change in classification which transferred uranium ores and concentrates out of the chemical group. Exports to the United States amounted to \$78.0 millions or 40 per cent of the total shipped to all foreign countries.

Imports at \$293.8 millions increased about 10 per cent over the \$288.6 millions reported in 1956. About 86 per cent of the imports came from the United States while the United Kingdom accounted for about 8 per cent.

Note: Due to the lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouses.

TABLE 1. Principal Statistics for the Chemicals and Allied Products Group, by Industries, 1956 and 1957

Industry	Establishments	Employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Value added by manufacture ¹	Selling value of products at works
	number		dollars				
1956							
Acids, alkalis and salts	48	9,083	40,664,572	17,194,318	85,087,630	96,705,138	193,541,164
Fertilizers	45	2,958	11,757,117	2,700,397	43,295,343	37,343,843	83,399,218
Medicinals and pharmaceuticals	212	7,801	25,953,213	924,013	38,009,475	83,300,273	122,592,220
Paints and varnishes	126	6,211	22,713,345	969,925	65,155,888	60,438,750	126,312,114
Primary plastics	25	3,260	13,855,172	1,703,084	46,911,807	34,886,821	82,738,552
Soaps, washing compounds and cleaning preparations	142	3,722	14,513,612	1,325,218	45,955,138	63,127,847	109,384,798
Toilet preparations	91	2,288	6,402,078	157,682	16,361,508	25,295,686	41,324,564
Vegetable oils	12	672	2,583,851	522,748	37,107,511	5,443,602	42,239,497
Inks	33	994	3,754,770	145,430	6,779,666	9,076,493	15,902,813
Adhesives	29	611	2,152,918	412,238	5,423,688	6,456,530	12,329,512
Polishes and dressings	45	828	2,821,671	134,893	9,769,357	11,258,814	20,847,347
Compressed gases	53	1,399	5,082,994	698,097	3,451,756	16,827,975	20,972,581
Coal tar distillation	11	537	2,458,014	703,832	8,048,543	4,549,278	13,221,192
Miscellaneous chemical products	259	12,457	46,029,320	9,047,062	116,206,917	101,529,704	226,427,832
Total	1,131	52,821	200,742,647	36,638,937	527,564,227	556,240,754	1,111,233,404
1957							
Acids, alkalis and salts	54	9,981	46,965,641	20,334,094	95,237,538	104,278,255	215,834,187
Fertilizers	44	3,011	12,899,267	3,151,337	47,134,450	35,459,400	83,807,556
Medicinals and pharmaceuticals	207	8,146	28,656,116	1,071,778	42,336,512	97,276,687	140,092,919
Paints and varnishes	129	6,316	24,288,330	1,002,965	65,590,927	64,528,051	131,132,991
Primary plastics	29	3,443	15,709,733	1,995,912	48,088,585	42,457,576	91,836,820
Soaps, washing compounds and cleaning preparations	139	3,680	15,411,154	1,372,986	49,530,366	69,747,619	118,872,856
Toilet preparations	86	2,429	7,230,451	181,098	18,532,081	31,173,115	49,838,084
Vegetable oils	11	656	2,663,046	756,414	50,899,324	8,924,511	60,951,564
Inks	32	977	4,015,365	136,893	6,935,556	9,972,013	16,912,330
Adhesives	29	627	2,321,588	456,150	6,475,344	6,720,361	13,707,648
Polishes and dressings	44	842	3,074,914	138,178	10,027,310	12,084,077	22,324,359
Compressed gases	55	1,624	5,976,046	750,304	4,124,884	19,619,406	24,280,515
Coal tar distillation	11	530	2,600,013	770,891	8,200,347	4,809,942	13,663,999
Miscellaneous chemical products	267	12,446	50,232,825	9,932,741	112,633,167	98,222,808	220,155,392
Total	1,137	54,708	222,044,489	42,101,741	565,746,391	605,273,621	1,203,411,197

¹ See footnote to text.

TABLE 2. Principal Statistics for the Chemicals and Allied Products Group, by Provinces, 1956 and 1957

Province	Establishments	Employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Value added by manufacture	Selling value of products at works
	number		dollars				
1956							
Newfoundland	5	78	207,746	20,631	830,905	652,989	1,469,308
Prince Edward Island and Nova Scotia	18	328	949,737	162,959	4,232,923	2,822,406	7,395,027
New Brunswick	9	149	467,912	83,514	3,118,034	1,200,294	4,565,905
Quebec	365	21,194	79,090,202	10,012,543	178,640,246	169,485,926	356,932,499
Ontario	558	25,893	99,578,302	22,828,211	290,183,395	316,986,746	623,257,477
Manitoba	37	744	2,165,147	175,078	7,840,099	6,128,728	14,012,930
Saskatchewan	9	200	780,001	31,233	2,611,721	1,092,119	3,673,536
Alberta	32	1,703	7,636,306	2,202,874	12,920,905	23,192,506	35,356,192
British Columbia	98	2,532	9,867,294	1,121,894	27,185,999	34,679,040	64,570,530
Canada	1,131	52,821	200,742,647	36,638,937	527,564,227	556,240,754	1,111,233,404
1957							
Newfoundland	5	77	216,281	20,588	754,171	735,198	1,510,857
Prince Edward Island and Nova Scotia	17	329	1,612,538	191,459	4,332,292	3,137,893	7,306,112
New Brunswick	9	150	473,437	89,551	3,070,360	1,307,214	4,344,894
Quebec	372	21,835	87,168,720	12,054,069	171,520,780	183,014,716	365,900,514
Ontario	554	26,836	111,182,216	25,464,966	329,778,344	352,476,904	702,383,835
Manitoba	37	749	2,257,544	183,326	8,362,710	7,447,957	16,163,547
Saskatchewan	9	223	903,832	38,282	2,849,887	1,386,010	4,159,347
Alberta	36	1,940	8,495,390	2,577,086	17,229,543	26,032,779	42,955,847
British Columbia and Northwest Territories	98	2,569	10,334,531	1,482,414	27,848,304	29,734,950	58,686,254
Canada	1,137	54,708	222,044,489	42,101,741	565,746,391	605,273,621	1,203,411,197

TABLE 3. Inventories¹ in the Chemical and Allied Products Group, by Industries, 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Acids, alkalies and salts	18,724,519	2,204,123	12,407,116	33,335,758
Fertilizers	8,919,288	7,682,792	7,573,468	24,175,548
Medicinals and pharmaceuticals	11,126,388	6,737,538	9,369,506	27,233,432
Paints and varnishes	10,267,596	1,673,833	12,905,015	24,846,444
Primary plastics	6,810,270	1,142,123	5,167,488	13,119,881
Soaps, washing compounds and cleaning preparations	7,699,641	1,216,612	8,077,717	16,993,970
Toilet preparations	4,837,270	456,956	2,726,804	8,021,030
Vegetable oils	8,560,479	89,575	2,090,664	10,740,718
Inks	1,068,698	217,908	690,224	1,976,830
Adhesives	1,005,303	74,855	1,091,752	2,171,910
Polishes and dressings	1,654,259	146,777	1,233,661	3,034,697
Compressed gases	735,461	36,365	134,385	906,211
Coal tar distillation	637,354	164,793	1,374,556	2,176,703
Miscellaneous chemical products	46,864,802	12,670,654	9,559,926	69,095,382
Total	128,911,328	34,514,904	74,402,282	237,828,514
Closing:				
Acids, alkalies and salts	23,113,524	3,646,303	15,030,636	41,790,463
Fertilizers	9,839,670	7,353,598	9,840,293	27,033,561
Medicinals and pharmaceuticals	11,576,345	6,687,434	10,011,669	28,275,448
Paints and varnishes	9,687,978	1,858,975	12,708,825	24,255,778
Primary plastics	7,295,355	1,338,644	5,676,220	14,310,219
Soaps, washing compounds and cleaning preparations	6,797,167	1,503,418	9,589,026	17,869,611
Toilet preparations	4,925,122	398,285	2,833,685	8,157,092
Vegetable oils	8,267,755	49,942	1,758,982	10,076,679
Inks	1,308,753	192,997	647,267	2,349,017
Adhesives	1,061,423	63,482	1,047,332	2,172,237
Polishes and dressings	1,660,780	153,964	1,151,680	2,966,424
Compressed gases	1,077,248	173,926	210,903	1,462,077
Coal tar distillation	926,411	138,422	1,518,111	2,582,944
Miscellaneous chemical products	45,522,853	11,758,206	11,105,518	68,386,577
Total	133,060,384	35,317,596	83,310,147	251,688,127

¹ See footnote to Table 4.TABLE 4. Inventories¹ in the Chemical and Allied Products Group, by Provinces, 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Newfoundland	259,991	1,112	135,505	396,608
Prince Edward Island and Nova Scotia	838,015	270,804	767,999	1,876,818
New Brunswick	542,931	607,862	340,404	1,491,197
Quebec	57,386,299	15,125,764	23,174,851	95,686,914
Ontario	56,921,377	16,750,115	40,199,431	113,870,923
Manitoba	1,361,607	171,391	1,388,992	2,921,990
Saskatchewan	941,594	618	167,886	1,110,098
Alberta	3,679,597	1,397,891	2,584,063	7,661,551
British Columbia and North West Territories	6,979,917	189,347	5,643,151	12,812,415
Canada	128,911,328	34,514,904	74,402,282	237,828,514
Closing:				
Newfoundland	217,418	3,050	132,667	353,135
Prince Edward Island and Nova Scotia	880,098	315,139	1,079,196	2,274,433
New Brunswick	606,868	635,216	435,284	1,677,368
Quebec	54,730,303	14,935,962	24,053,686	93,719,971
Ontario	62,157,879	17,583,033	44,702,893	124,443,805
Manitoba	1,239,255	110,573	1,280,256	2,630,084
Saskatchewan	1,057,606	44,348	238,993	1,340,947
Alberta	4,488,812	1,421,641	5,443,874	11,364,327
British Columbia and North West Territories	7,672,145	268,614	5,943,298	13,884,057
Canada	133,060,384	35,317,596	83,310,147	251,688,127

¹ The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 5. Principal Statistics by Size of Establishments, for the Chemicals and Allied Products Group, 1957

	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of materials	Gross value of factory shipments
	number		dollars			
(a) Factory shipments						
Under \$10,000	131	175	304,540	20,182	198,422	603,533
\$10,000 to \$24,999	107	321	816,380	50,239	645,172	1,742,075
\$25,000 " \$49,999	104	480	1,263,873	75,339	1,715,011	3,676,829
\$50,000 " \$99,999	126	1,037	3,047,804	202,804	4,177,763	9,628,484
\$100,000 " \$199,999	130	1,229	4,075,933	323,008	9,110,533	18,725,975
\$200,000 " \$499,999	175	3,367	12,011,056	1,071,338	25,833,854	56,769,906
\$500,000 " \$999,999	134	4,519	16,554,007	1,978,917	46,650,451	97,146,273
\$1,000,000 " \$4,999,999	180	16,982	64,064,934	7,814,718	187,282,138	389,670,962
\$5,000,000 and over	50	23,864	104,840,645	30,565,196	290,133,047	625,447,160
Head offices	—	2,734	15,065,317	—	—	—
Totals	1,137	54,708	222,044,489	42,101,741	565,746,391	1,203,411,197
(b) Employees						
Under 5 employees	327	709	1,838,035	142,434	5,745,008	11,671,273
5 to 14 employees	339	2,853	9,852,626	761,012	28,194,250	58,556,570
15 " 49 employees	261	7,177	26,152,262	2,945,479	95,782,280	181,064,898
50 " 99 employees	106	7,385	26,832,775	3,407,680	100,800,809	197,450,438
100 " 199 employees	54	7,554	29,082,923	4,853,895	92,391,075	192,516,017
200 " 499 employees	32	9,973	41,725,183	8,553,591	88,062,224	209,944,743
500 " 999 employees	14	9,867	43,249,983	11,146,789	92,192,179	225,618,726
1,000 " 1,499 employees	3	6,456	28,245,385	10,290,861	62,578,566	126,588,432
1,500 and over	1					
Head offices	—	2,734	15,065,317	—	—	—
Totals	1,137	54,708	222,044,489	42,101,741	565,746,391	1,203,411,197

TABLE 6. New Investment in Durable Physical Assets and Repair and Maintenance, in the Chemicals and Allied Products Group, 1948-1957

Year	New investment			Repair and maintenance			Total
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	
	millions of dollars						
1948	15.0	26.9	41.9	4.3	15.8	20.1	62.0
1949	11.9	25.9	37.8	3.9	17.3	21.2	59.0
1950	7.3	19.0	26.3	4.3	19.1	23.4	49.7
1951	19.2	38.5	57.7	4.0	24.8	28.8	86.5
1952	61.2	79.8	141.0	4.5	26.6	31.1	172.1
1953	32.0	90.3	122.3	4.3	26.5	30.8	153.1
1954	15.2	24.8	40.0	6.2	31.4	37.6	77.6
1955	21.6	34.3	55.9	4.8	29.7	34.5	90.4
1956	57.9	87.0	144.9	6.2	31.9	38.1	183.0
1957	65.6	84.1	149.7	8.1	39.6	47.7	197.4

Note: Data in the above table are final figures and, therefore, differ to some extent from the total of the preliminary figures shown in the bulletins for the individual industries.

TABLE 7. Employees and their Earnings in the Chemicals and Allied Products Group, by Industries, 1956 and 1957

Industry	Employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
	number					dollars		
1956								
Acids, alkalies and salts.....	2,257	694	6,064	68	9,083	15,280,533	25,384,039	40,664,572
Fertilizers.....	674	156	2,118	12	2,958	3,742,449	8,014,668	11,757,117
Medicinals and pharmaceuticals.....	1,689	1,597	2,291	2,224	7,801	13,900,475	12,052,738	25,953,213
Paints and varnishes.....	1,745	993	3,145	328	8,211	11,647,872	11,065,473	22,713,345
Primary plastics.....	930	318	1,929	83	3,260	5,913,572	7,941,600	13,855,172
Soaps, washing compounds and cleaning preparations..	922	536	1,835	429	3,722	6,595,784	7,917,828	14,513,612
Toilet preparations.....	390	468	518	912	2,288	3,224,248	3,177,830	6,402,078
Vegetable oils.....	194	63	407	8	672	1,179,989	1,403,862	2,583,851
Inks.....	201	110	638	45	994	1,616,861	2,137,909	3,754,770
Adhesives.....	134	87	359	31	611	872,555	1,280,363	2,152,918
Polishes and dressings.....	178	184	274	192	828	1,646,300	1,175,371	2,821,671
Compressed gases.....	476	250	673	—	1,399	2,569,856	2,513,138	5,082,994
Coal tar distillation.....	124	30	377	6	537	1,046,763	1,411,251	2,458,014
Miscellaneous chemical products.....	2,957	1,218	6,869	1,413	12,457	19,025,879	27,003,441	46,029,320
Total.....	12,871	6,704	27,495	5,751	52,821	88,263,136	112,479,511	200,742,647
1957								
Acids, alkalies and salts.....	2,586	738	6,596	61	9,981	17,676,020	29,289,621	46,965,641
Fertilizers.....	713	159	2,126	13	3,011	4,415,344	8,483,923	12,899,267
Medicinals and pharmaceuticals.....	1,876	1,685	2,303	2,282	8,146	15,761,120	12,904,996	28,656,116
Paints and varnishes.....	1,851	1,004	3,138	323	6,316	12,461,952	11,826,378	24,288,330
Primary plastics.....	1,031	347	1,989	76	3,443	6,919,592	8,790,141	15,709,733
Soaps, washing compounds and cleaning preparations..	984	519	1,796	381	3,680	7,269,472	8,141,682	15,411,154
Toilet preparations.....	362	461	584	1,022	2,429	3,403,817	3,826,634	7,230,451
Vegetable oils.....	188	64	401	3	656	1,254,021	1,409,025	2,663,046
Inks.....	215	107	623	32	977	1,705,048	2,310,317	4,015,365
Adhesives.....	132	92	379	24	627	906,711	1,414,877	2,321,588
Polishes and dressings.....	195	188	276	183	842	1,845,996	1,228,918	3,074,914
Compressed gases.....	624	287	713	—	1,624	3,043,259	2,932,787	5,976,046
Coal tar distillation.....	128	33	365	4	530	1,160,986	1,439,027	2,600,013
Miscellaneous chemical products.....	3,099	1,270	6,791	1,286	12,446	21,183,605	29,049,220	50,232,825
Total.....	13,984	6,954	28,080	5,690	54,708	98,996,943	123,047,546	222,044,489

TABLE 8. Employees and their Earnings in the Chemicals and Allied Products Group, by Provinces, 1956 and 1957

Province	Employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
	number					dollars		
1956								
Newfoundland.....	13	5	45	15	78	60,628	147,118	207,746
Prince Edward Island and Nova Scotia.....	77	30	201	20	328	361,086	588,651	949,737
New Brunswick.....	30	7	111	1	149	116,054	351,858	467,912
Quebec.....	5,335	2,776	10,475	2,608	21,194	37,295,936	41,794,266	79,090,202
Ontario.....	5,976	3,421	13,597	2,899	25,893	42,321,915	57,256,387	99,578,302
Manitoba.....	184	113	370	77	744	1,047,327	1,117,820	2,165,147
Saskatchewan.....	90	38	68	4	200	548,832	231,169	780,001
Alberta.....	537	137	1,003	26	1,703	2,979,958	4,656,348	7,636,306
British Columbia and Northwest Territories.....	629	177	1,625	101	2,532	3,531,400	6,335,894	9,867,294
Canada.....	12,871	6,704	27,495	5,751	52,821	88,263,136	112,479,511	200,742,647
1957								
Newfoundland.....	16	4	43	14	77	65,837	150,444	216,281
Prince Edward Island and Nova Scotia.....	87	32	197	13	329	420,467	592,071	1,012,538
New Brunswick.....	29	8	110	3	150	118,882	354,555	473,437
Quebec.....	5,864	2,930	10,560	2,481	21,835	41,922,302	45,246,418	87,168,720
Ontario.....	6,425	3,488	13,943	2,980	26,836	47,671,209	63,511,007	111,182,216
Manitoba.....	189	113	372	75	749	1,043,383	1,214,161	2,257,544
Saskatchewan.....	103	39	79	2	223	599,127	304,705	903,832
Alberta.....	609	145	1,160	26	1,940	3,302,048	5,193,342	8,495,390
British Columbia and Northwest Territories.....	662	195	1,616	96	2,569	3,853,688	6,480,843	10,334,531
Canada.....	13,984	6,954	28,080	5,690	54,708	98,996,943	123,047,546	222,044,489

CHEMICALS AND ALLIED PRODUCTS

TABLE 9. Production and Related Workers (wage-earners) in the Chemicals and Allied Products Group, by Industries and by Months, 1957

Month	Acids, alkalis and salts	Fertilizers	Medicinals and pharmaceuticals	Paints and varnishes	Primary plastics	Soaps and cleaning preparations	Toilet preparations	
	number							
January	6,239	2,118	4,458	3,261	2,044	2,199	1,494	
February	6,329	2,241	4,530	3,334	2,060	2,170	1,512	
March	6,450	2,192	4,508	3,373	2,068	2,211	1,578	
April	6,608	2,486	4,504	3,507	2,075	2,228	1,601	
May	6,734	2,610	4,489	3,621	2,112	1,863	1,614	
June	6,461	2,079	4,559	3,640	2,129	1,949	1,630	
July	6,562	2,001	4,546	3,610	2,140	2,191	1,588	
August	6,539	2,018	4,646	3,559	2,107	2,286	1,652	
September	7,056	2,031	4,635	3,514	2,063	2,290	1,696	
October	7,009	2,011	4,741	3,416	2,029	2,316	1,712	
November	7,016	1,995	4,751	3,318	1,994	2,243	1,642	
December	6,866	1,881	4,627	3,260	1,977	2,196	1,564	
Average	6,657	2,139	4,585	3,461	2,065	2,177	1,606	
Month	Vegetable oils	Inks	Adhesives	Polishes and dressings	Compressed gases	Coal tar distillation	Miscellaneous	Total
	number							
January	444	662	410	443	666	369	7,764	32,571
February	429	647	398	460	687	374	7,802	32,973
March	392	653	401	460	684	373	7,919	33,262
April	396	651	394	471	698	377	8,005	34,001
May	402	653	395	476	714	354	8,166	34,203
June	392	660	399	475	737	370	8,241	33,721
July	344	658	394	442	753	391	8,251	33,871
August	396	652	400	459	753	381	8,385	34,233
September	388	661	407	478	731	370	8,315	34,635
October	444	662	410	459	721	362	8,318	34,610
November	436	658	410	452	714	353	8,052	34,037
December	389	659	411	431	701	349	7,907	33,218
Average	404	655	403	459	713	369	8,077	33,770

TABLE 10. Production and Related Workers (Wage-earners) in the Chemicals and Allied Products Group, by Provinces and by Months, 1957

Month	Newfoundland	Prince Edward Island and Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Northwest Territories	Canada
	number									
January	54	188	120	12,799	16,124	425	79	1,141	1,641	32,571
February	55	189	113	12,990	16,297	423	81	1,168	1,657	32,973
March	55	187	100	13,063	16,445	452	86	1,157	1,717	33,262
April	55	241	137	13,164	16,901	469	84	1,215	1,735	34,001
May	59	283	205	13,277	16,864	473	89	1,233	1,740	34,203
June	64	212	83	12,966	16,867	470	84	1,215	1,760	33,721
July	84	196	69	12,938	16,961	467	74	1,291	1,811	33,871
August	59	199	77	12,909	17,403	452	73	1,252	1,809	34,233
September	55	200	97	13,377	17,460	460	78	1,167	1,741	34,635
October	55	185	103	13,278	17,593	446	79	1,164	1,707	34,610
November	53	181	113	13,040	17,363	422	80	1,127	1,658	34,037
December	53	170	91	12,727	17,010	398	78	1,112	1,579	33,218
Average	57	210	113	13,041	16,923	447	81	1,186	1,712	33,770

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1956 and 1957

Item	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Acetic anhydride..... lb.	2,641,175	292,459	701,559	86,094
Acetone..... "	4,640,979	461,106	4,893,150	475,631
Acetanilid..... "	8,061	4,314	8,560	4,306
Acetylene..... cu. ft.	182,423,782	1,372,191	215,552,995	1,681,883
Acid:				
Acetic..... lb.	19,990,295	1,809,626	17,450,410	1,674,856
Acetylsalicylic..... "	777,758	431,262	882,721	500,865
Arsenic (As ₂ O ₃)..... "	376,672	19,170	533,023	23,885
Benzic..... "	234,322	70,545	337,857	79,794
Boric or boracic..... "	102,766	10,800	118,914	12,969
Citric..... "	408,159	122,311	668,203	192,862
Cresylic (including cresols)..... "	1,214,897	167,923	1,568,814	208,713
Fatty, n.e.s..... "	4,116,213	558,402	3,824,158	509,378
Formic..... "	338,000	53,489	620,000	100,563
Hydrochloric (muriatic)..... "	8,179,228	194,327	10,870,781	305,586
Naphthenic..... "	2,221,058	179,676	1,906,305	176,393
Nitric..... "	10,210,906	445,466	11,619,883	474,517
Oleic..... "	1,212,074	217,940	1,069,202	194,427
Oxalic..... "	149,209	22,868	146,103	22,515
Phosphoric..... "	1,090,903	88,009	1,350,639	113,685
Stearic..... "	1,858,381	290,138	1,682,669	270,053
Sulphuric..... "	1,274,792,116	5,527,974	1,506,626,540	6,848,280
Tannic..... "	2,985	2,764	4,142	5,521
Tartaric..... "	582,531	219,925	563,072	202,132
Alcohol:				
Amyl (fusel oil)..... gal.	2,007	2,421	2,328	2,624
Butyl..... lb.	4,482,427	654,548	4,436,345	677,434
Ethyl..... gal.	1,253,367	1,603,906	1,185,774	1,490,697
Isopropyl..... lb.	4,103,204	311,672	6,503,855	548,342
Methyl (wood) refined..... gal.	3,264,218 ¹	1,154,794	3,349,574	1,234,219
Aluminum rod, strip, etc..... lb.	55,573	25,901	54,071	25,398
Aluminum hydrate..... "	46,615,444	1,116,381	31,212,096	780,302
Aluminum sulphate..... "	1,010,997	26,511	1,827,806	54,702
Ammonia, anhydrous..... "	230,037,301	6,320,743	255,711,742	6,903,502
Ammonium chloride..... "	91,261	6,253	61,180	5,008
Ammonium nitrate..... "	17,920,808	671,666	18,373,498	646,013
Ammonium phosphate..... ton	6,630	616,702	6,566	593,554
Ammonium sulphate..... "	36,365	1,549,949	33,843	1,343,327
Amyl acetate..... lb.	398,867	66,069	206,554	39,518
Arsenic, white (As ₂ O ₃)..... "	43,135	2,576	49,563	2,677
Asphalt..... gal.	958,116	156,346	769,083	148,630
Barium chloride..... lb.	655,786	44,126	721,627	56,961
Barium nitrate..... "	165,074	22,603	171,722	21,365
Barytes..... "	1,923,777	69,977	1,939,757	70,779
Bentonite (filtrol, Pembina, etc.)..... ton	1,259	125,150 ¹	871	98,098
Benzol ² lb.	105,585,414	5,394,447	117,209,662	5,803,692
Bismuth metal..... "	82,296	236,618	8,544	18,133
Bismuth salts..... "	21,185	71,324	18,811	63,089
Black, lamp, bone and other, n.e.s..... "	208,486	45,090	206,297	43,584
Blanc fixe..... "	944,393	27,175	602,768	21,788
Bones..... "	14,185	457,866	15,193	498,949
Borax..... lb.	2,940,627	129,232	2,301,503	105,901
Brass rod, strip, etc..... "	7,197,953	2,825,037	4,944,325	1,847,642
Butyl acetate..... "	4,197,407	687,155	3,963,218	639,828
Butyl cellulosolve..... "	451,474	109,291	453,006	106,250
Caffeine..... "	25,971	75,807	32,342	84,427
Calcium arsenate..... "	259,090	21,786	213,110	17,896
Calcium carbide..... "	31,371,996	1,566,682	33,268,379	1,710,234
Calcium carbonate (ground chalk, whiting etc.)..... "	30,931,879	485,159	28,687,506	537,775
Calcium chloride..... "	3,829,361	87,533	2,249,736	55,545
Calcium sulphate..... "	2,091,787	34,058	1,634,306	30,163
Camphor..... "	58,263	38,651	54,661	32,118

¹ Revised.² Includes usage for production of synthetic rubber.

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Continued

Item	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Carbon bisulphide	lb. 4,922,621	281,043	5,094,089	285,079
Carbon black	" 2,343,905	340,504	2,408,232	354,855
Carbon dioxide gas (unpurified)	-	37,180	-	-
Carbon tetrachloride	lb. 5,461,025	515,588	7,574,094	703,664
Casein	" 1,613,993	399,980	1,437,423	373,472
Chalk, precipitated	" 382,220	20,773	422,300	21,890
Charcoal	" 6,263,079	227,850	5,616,521	194,444
Chloride of lime	" 1,566,706	69,575	1,403,874	68,462
Chlorine, liquid	" 14,812,629	562,908	16,138,354	624,853
Coal:				
Anthracite (except for fuel)	ton 8,985	132,756	22,647	357,874
Cobalt acetate	lb. 5,678	6,586	3,950	4,778
Cobalt sulphate	" 3,194	3,961	3,978	3,289
Coke:				
Petroleum (except for fuel)	ton 3,019	51,344	1,116	26,616
Other (except for fuel)	" 276,368	5,093,384	227,727	3,990,726
Colours, chrome	lb. 2,637,749	1,095,348	2,365,018	967,689
Copper strip, sheet, etc.	" 407,252	149,259	-	-
Copper sulphate	" 375,165	100,827	216,665	61,490
Copra or dried coconut kernels	" 25,032,540	1,885,299	33,540,660	2,453,462
Cotton linters	" 426,048	48,133	485,625	66,211
Creosote	" 287,148	17,883	227,821	15,893
D.D.T.	" 683,466	135,943	645,245	128,636
Dextrine	" 8,729,768	768,742	8,379,478	801,133
Diatomaceous earth	ton 8,773	438,932	6,287	331,786
Dibutyl phthalate	lb. 392,140	121,851	349,490	82,557
Dinitrotoluene	" 484,700	89,762	318,435	49,556
Driers:				
Linoleate	lb. 19,421	6,536	22,386	6,788
Naphthenate	" 2,144,759	628,716	2,081,820	646,313
Resinate	" 21,664	4,849	45,131	13,655
Other	-	184,364	-	156,076
Dyes and colours, other	-	256,914	-	251,872
Electrodes	-	884,110	-	625,370
Ethanolamines - Di - Mono - Tri - other	-	-	1,354,154	368,258
Ether, sulphuric	lb. 57,447	10,483	76,096	21,486
Ethyl acetate	" 4,526,136	622,792	4,386,648	605,107
Ethylene glycol (see also "Glycols, other")	" 17,195,820	2,486,957	22,680,161	3,131,418
Feldspar	ton 2,231	36,493	2,201	38,914
Ferric chloride	lb. 168,623	9,283	133,860	6,308
Flaxseed	bu. 3,399,471	12,305,445	3,633,115	11,313,609
Flour:				
Potato	lb. 316,765	25,145	165,582	13,153
Soya bean	" 6,464	502	6,679	517
Tapioca	" 806,231	74,311	421,820	46,626
Wheat	" 4,384,388	169,568	3,363,090	146,025
Other	" 52,740	3,525	263,305	16,048
Fluorspar	ton 76,452	2,190,772	53,198	1,686,951
Foots, olive and cotton seed	lb. 4,671,472	307,808	6,295,202	413,115
Formaldehyde	" 54,606,162	2,001,739	56,432,637	2,138,606
Fuller's earth	ton 192	8,231	329	19,840
Glucose	lb. 1,544,535	116,716	2,083,639	174,644
Glue	" 3,004,568	682,352	3,273,909	790,464
Glycerine:				
Crude	" 5,228,721	933,688	6,893,918	1,164,407
Refined	" 10,693,462	3,342,703	11,902,791	3,371,302
Glycols, other	" -	-	2,826,803	536,764
Graphite	" 947,372	233,712	767,402	214,903
Grease	" 3,807,837	312,302	1,852,563	161,325
Gun powder	" 977,161	557,948	916,497	516,546
Herbs, roots and vegetable drugs	-	330,571	-	365,086
Hides and hide trimmings	ton 15,159	193,568	18,509	247,543
Hydrogen chloride, anhydrous	lb. 11,388,864 ¹	501,439 ¹	14,746,000	648,858

¹ Revised.

TABLE II. Materials Used in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Continued

Item	1956		1957	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Iodine, crude	lb.	75,432	72,753	82,885
Iron, scrap	ton	5,888	5,466	223,507
Iron oxide pigments	lb.	4,331,533	3,789,144	427,289
Javel concentrate of sodium hypochlorite for dilution	-	-	-	139,140
Kaolin or china-clay	lb.	7,929,163 ¹	10,299,014	195,302
Lanolin	"	244,043	274,789	117,239
Lead arsenate	"	11,146	17,500	3,539
Lead, basic carbonate, white, dry	"	1,276,565	1,049,007	198,202
Lead, basic carbonate, white, in oil	"	246,137	217,284	46,921
Lead, basic sulphate, white	"	138,957	163,605	29,898
Lead, pig	"	9,223,457	7,267,139	1,161,502
Lead, red	"	1,483,792	1,689,080	317,224
Lime:				
Hydrated	ton	11,421	12,618	132,352
Quick	"	21,133	23,249	383,132
Land plaster	"	1,208	676	10,731
Limestone	"	962,986	1,021,767	1,885,395
Litharge	lb.	3,165,034	2,774,460	488,145
Lithopone	"	3,689,397	2,757,069	263,700
Lumber	M bd. ft.	124	109	7,131
Magnesium oxide	ton	1,468	1,591	62,986
Magnesium sulphate (Epsom salts)	lb.	1,135,424	1,366,000	51,683
Malt extract	"	214,598	242,133	33,886
Mani. ivory nut and other	"	2,759,932	1,854,673	45,899
Menthol	"	21,188	24,647	139,115
Mercury metal	"	196,604	158,791	434,904
Methyl chloride	"	3,123,190	2,916,530	378,816
Mica, ground	"	1,652,031	2,196,612	148,784
Nitrocellulose or nitro cotton	"	4,792,235	5,058,213	1,584,367
Nitrogen solutions	-	-	-	2,573,223
Ochres, siennas and umbers	lb.	440,056	528,517	88,103
Oil:				
Castor	gal.	431,874	331,418	815,712
Castor dehydrated	"	123,326	107,404	305,260
Chinawood (tung)	lb.	3,861,745	4,318,437	851,255
Cocoanut	"	17,466,019	15,666,492	2,049,376
Cod	"	997,965	1,236,712	125,922
Cod liver	"	528,372	325,725	84,271
Essential and perfume	-	-	-	3,607,019
Fish	lb.	2,126,347	1,634,985	184,799
Linseed:				
Raw	gal.	1,631,358	1,067,967	1,502,703
Boiled and other	"	1,999,721	2,191,692	3,458,279
Polymerol	lb.	480,939	605,466	111,656
Varnol	"	326,233	197,119	44,768
Mineral, other	gal.	1,690,724	1,374,636	381,197
Mineral, white	lb.	2,443,067	3,405,342	368,763
Neat's foot	"	562,079	528,342	78,073
Oiticica	"	108,947	70,287	12,863
Olive	"	60,835	30,408	12,976
Palm	"	27,870	-	-
Petroleum ink	"	1,424,323	1,392,534	342,865
Pine	"	521,263	553,398	80,754
Silicone	"	34,065	40,407	125,750
Soya bean	gal.	1,429,057	1,430,204	2,104,857
Tall	"	3,334,495	3,511,157	292,470
Other	-	-	-	1,193,707
Paradichlorobenzene	lb.	1,606,353	2,006,933	246,924
Pentacosol	"	34,938	20,400	3,476
Petrolatum	"	1,130,675	1,087,114	115,404
Petroleum distillates	gal.	8,640,121	8,892,995	3,752,580
Penicillin	-	-	-	791,389
Paracetin	lb.	218,682	192,745	203,956
Phenobarbital and other barbiturates	"	28,165	28,674	143,824
Phenol	"	26,528,809	24,907,911	4,190,415
Phosphorus, amorphous	"	78,075	49,057	19,309

¹ Revised.

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Continued

Item	1956		1957		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Phosphorous sesquisulphide	lb.	30,553	10,805	42,075	17,636
Phosphate rock	ton	527,434	7,214,282	698,481	9,235,597
Phthalic anhydride	lb.	15,449,987	2,898,771	15,418,768	2,685,649
Pigments, all colours and fillers, n.e.s.	"	—	3,620,207	—	3,837,997
Pitch, coal tar	"	1,723,580	112,292	1,107,028	60,002
Plasticizers, n.e.s.	"	2,823,567	1,029,773	4,430,092	1,279,586
Polyvinyl chlorolide	"	4,241,245	1,098,476	4,862,169	1,179,799
Potassium bichromate	"	355,125	59,271	255,636	43,045
Potassium chlorate	lb.	815,830	97,406	1,035,492	130,550
Potassium chloride (muriate of potash)	ton	150,918	4,634,642	124,784	4,620,248
Potassium hydroxide	lb.	2,490,329	195,606	2,851,719	220,069
Potassium iodide	"	56,467	74,533	36,519	52,800
Potassium magnesium sulphate	"	3,620,000	56,975	3,690,000	56,128
Potassium nitrate	"	619,622	46,853	318,856	25,431
Potassium perchlorate	"	139,196	23,424	126,896	22,324
Potassium sodium tartrate	"	17,798	4,766	14,904	4,093
Potassium sulphate	"	26,566,839	656,147	27,824,004	681,113
Powders, metallic (bronze, aluminum, etc.)	"	1,094,761	555,547	1,208,420	615,101
Pyrethrum extract and powder	—	—	6,844	—	13,331
Pyrites	ton	162,078	1,233,155	176,122	1,569,723
Quartz and quartzite	"	39,054	194,370	39,315	190,266
Quebracho extract	lb.	70,763	9,878	52,215	6,558
Rapeseed	"	15,694,450	636,120	22,951,724	934,696
Resins and gums, natural	"	2,806,611	599,425	3,760,855	727,964
Resins, synthetic, other	"	48,477,461	10,551,312	51,418,355	11,723,811
Resins, phenolic	"	1,030,684	401,499	838,597	321,284
Rosin	—	—	1,284,432	—	1,000,234
Rubber:					
Chlorinated	lb.	240,485	132,746	233,251	123,384
Latex (including latex emulsion)	"	12,271,019	2,148,326 ¹	12,286,924	2,435,445
Sawdust	"	756,775	12,950	811,087	9,591
Shellac:					
Orange	"	265,595	128,406	224,348	92,592
Bleached	"	1,399,769	851,529	1,397,675	841,633
Other	"	636,143	372,018	766,812	376,736
Silica sand	ton	34,643	449,534	41,871	570,217
Silver bullion	troy oz.	185,672	166,827	150,609	131,980
Sodium azide	lb.	—	—	8,135	9,824
Sodium benzoate	"	18,773	8,239	14,644	5,944
Sodium bicarbonate	"	1,914,454	76,945	1,732,836	71,249
Sodium bichromate	"	1,954,077	319,351	2,609,661	364,227
Sodium bromide	"	40,591	15,138	50,991	18,359
Sodium carbonate (soda ash)	"	109,146,717	2,700,274	125,853,914	2,882,790
Sodium carboxymethylcellulose	"	781,955	191,067	872,891	230,350
Sodium chlorate	"	3,557,549	303,049	4,423,212	391,719
Sodium chloride (common salt) including brine	"	1,581,765,319	3,803,993	1,635,192,093	3,674,917
Sodium fluoride	"	411,019	46,929	372,875	43,694
Sodium hydroxide (caustic soda)	"	102,829,832	3,749,368	112,679,310	3,922,400
Sodium metasilicate	"	2,941,489	145,792	3,283,005	187,037
Sodium nitrate (chile saltpetre)	"	39,474,732	1,133,244	45,188,687	1,260,099
Sodium peroxide	"	93,139	18,912	99,894	21,435
Sodium phosphate (di)	"	1,716,772	149,727	1,573,101	146,038
Sodium phosphate (tetra)	"	579,214	58,438	791,521	73,419
Sodium phosphate (tri)	"	8,375,933	522,171	9,174,231	557,291
Sodium salicylate	"	16,382	9,750	16,233	10,562
Sodium silicate (water glass)	"	26,767,526	422,238	45,975,469	669,567
Sodium sulphate	"	2,776,961	70,435	2,637,775	66,882
Sodium sulphide	"	182,111	9,159	238,428	12,135
Solvents, n.e.s.	gal.	4,019,348 ¹	2,436,179 ¹	3,929,175	2,652,978

¹ Revised.

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Concluded

Item	1956		1957	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Soya beans	lb. 466, 179, 600	20,356,382	818,875,635	33,725,487
Starch:				
Corn	" 2,753,445	206,812	2,170,162	162,171
Other	" 821,731	67,532	792,124	65,333
Strontium nitrate	" 885,486	106,727	789,149	94,633
Strychnine	" 372	4,278	449	5,742
Sugar	" 5,110,640	402,228	5,355,127	515,474
Sulpha drugs	" —	559,043	—	647,615
Sulphur (elemental)	ton 114,092	4,530,757	196,756	7,130,304
Sulphur dioxide	—	885,877	—	1,205,263
Sunflower seed	lb. 11,284,570	458,266	12,883,655	512,690
Superphosphate:				
18%	ton 41,076	932,611	32,297	716,135
20%	" 258,939	6,430,075	257,579	6,348,746
38-48%	" 41,316	2,129,510	40,055	2,365,024
Ammoniated, 3-18-0	" 3,648	101,459	3,008	132,251
Talc	lb. 24,860,202	556,505	24,319,865	634,962
Tallow, grease and other soap stock	" 94,314,303	6,729,144	86,187,231	6,382,491
Tar:				
Crude, coal	gal. 45,855,627	6,082,567	39,907,201	5,963,177
Water gas, crude	" 1,471,968	189,134	1,038,317	140,296
Tetral	lb. 400	364	—	—
Titanium pigments, white	" 25,750,669	6,852,275	25,338,745	6,925,981
Titanium oxide, extended	" 29,197,887	3,072,693	29,299,514	3,117,678
Toluol	" 17,738,146	934,025	18,223,713	911,799
Trichlorethylene	" 94,904	14,172	75,736	11,068
Trinitrotoluol (TNT)	" 606,760	110,752	148,802	28,652
Turpentine	gal. 359,130	283,882	336,399	263,703
2,4-D	lb. 1,058,459	478,879	1,663,608	642,077
Urea crystals	" 9,758,754	526,858	10,505,764	569,578
Varnishes	gal. 924,549	1,554,690	833,818	1,763,408
Vitamins (A, B, C and D)	—	1,106,249	—	1,287,192
Wax:				
Beeswax	lb. 347,475	251,867	357,202	247,608
Candelilla	" 58,086	37,227	58,561	40,131
Carnauba	" 1,543,318	1,187,577	1,851,856	1,454,121
Ouricury	" 71,051	55,143	14,871	11,610
Paraffin, including slack wax	" 50,022,136	2,226,295	51,309,300	2,858,393
Synthetic	" 220,108	112,914	296,097	159,349
Other	" 2,026,116	732,512	1,543,366	515,196
Wood:				
Blocks and splints	—	765,995	—	653,207
Flour	lb. 3,052,295	75,796	2,290,977	58,912
Hardwood for distillation	cord 23,137	230,503	11,308	117,481
Pulp	ib. 43,812,886	4,284,592	42,293,922	4,036,354
Xylol	" 14,284,593	773,469	14,753,567	784,312
Yarns	" 839,577	383,197	847,204	354,612
Zinc dross	" 1,567,597	155,777	—	—
Zinc oxide:				
Pure	" 5,895,213	879,457	5,385,886	757,174
Leaded	" 832,660	139,251	550,696	89,208
Zinc spelter	" 15,541,982	2,161,386	17,394,550	1,915,650
Zinc stearate	" 73,889	31,371	84,051	32,005
Zinc sulphate	" 94,105	5,793	147,113	8,279
Containers and packing material	—	65,956,918	—	72,525,400
All other materials	—	201,086,176	—	212,139,078
Total	—	527,564,227	—	565,748,391

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group, 1956 and 1957

Note: This is simply a list of the principal products made for sale by concerns in the Chemicals and Allied Products group of industries with corresponding output figures where it is possible to publish them. It is not intended to be a complete list of chemicals made in Canada as numerous chemicals are made in other industries; similarly, the production figures may not represent totals for Canada as there may have been a production in other industries.

Item	1956		1957	
	Quantity	Selling value at works	Quantity	Selling value at works
		\$		\$
Acetaldehyde	—	•	—	•
Acetic anhydride	—	•	—	•
Acetone	—	•	—	•
Acetylene black	—	•	—	•
Acetylene in cylinders or delivered by pipeline cu. ft.	185,203.392	6,648.339	195,838.372	7,303.939
Acid:				
Acetic, glacial, 99%	—	•	—	•
Crotonic	—	•	—	•
Fatty, other	6,359.145	822.109	4,448.183	740.057
Hydrochloric (muriatic)	—	1,292.641	—	1,317.621
Hydrofluosilicic	—	•	—	•
Monochloro acetic	—	•	—	•
Nitric:				
Commercial	—	•	—	•
C.P.	—	•	—	•
Oleic	—	•	—	•
Phosphoric	—	•	—	•
Stearic	—	•	—	•
Sulphuric:				
Commercial, 100% (for sale) lb.	1,814,387.287	11,689.357	2,362,520.900	15,969.687
C.P.	—	•	—	•
Aluminum chloride	—	•	—	•
Aluminum fluoride	—	•	—	•
Aluminum stearate	—	•	—	•
Aluminum sulphate	—	•	—	•
Ammonia:				
Anhydrous	—	•	—	•
Aqua	—	•	—	•
Ammonia powder lb.	1,522.381	134.454	1,280.818	117.360
Ammonium chloride	—	•	—	•
Ammonium nitrate:				
Regular	—	•	—	•
Fertilizer compound	—	•	—	•
Ammonium phosphate (fertilizer)	—	•	—	•
Ammonium sulphate (fertilizer)	—	•	—	•
Ammonium sulphate (milled, screened and bagged only) ton	265	13.892	363	21.464
Anesthetics, other	—	•	—	•
Aniline oil	—	•	—	•
Automobile chemicals (brake fluid, tar remover, etc.)	—	2,064.438	—	2,363.499
Biological preparations and vaccines	—	5,298.054	—	6,910.297
Boiler compounds	—	3,272.540	—	3,131.267
Bone meal:				
Raw lb.	3,022,000	108.044	3,148,000	111.426
Steamed "	5,910,000	193.924	4,422,000	149.210
Butane	—	•	—	•
Butyl acetate	—	•	—	•
Butyl alcohol	—	•	—	•
Butyraldehyde	—	•	—	•
Caffeine, anhydrous	—	•	—	•
Calcium acid phosphate	—	•	—	•
Calcium arsenate	—	•	—	•
Calcium carbide	—	•	—	•
Calcium chloride	—	•	—	•
Calcium cyanamide	—	•	—	•
Calcium cyanide	—	•	—	•
Calcium naphthenate	—	•	—	•
Calcium stearate	—	•	—	•
Carbon bisulphide	—	•	—	•

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Continued

Item	1956		1957	
	Quantity	Selling value at works	Quantity	Selling value at works
Carbon dioxide (in cylinders and solid)	-	•	-	•
Carboxymethylcellulose	-	•	-	•
Cellulose film	-	•	-	•
Cellulose sponges	-	•	-	•
Cement:				
Linoleum	gal. 1,041,006	516,920	968,300	464,235
Rubber pipe	" 227,884	543,814	229,562	676,776
Other	" -	258,028	-	1,011,889
Charcoal	ton 14,735	955,202	13,946	872,527
Chloride of lime	lb. 628,825	72,324	658,036	83,108
Chlorine liquid or gas	" 229,689,171	7,283,875	214,999,316	7,152,045
Chloroform	-	•	-	•
Cleaners:				
Toilet bowl	lb. 3,901,909	362,302	1,113,570	156,715
Drain pipe	" 1,481,476	258,672	1,578,942	261,516
Hand	" 4,300,688	756,709	4,140,838	724,891
Glass	-	218,073	-	196,749
Cleaning and scouring powder and paste	lb. 40,607,033	5,930,200	44,518,406	6,935,446
Cleaning preparations, other	-	3,092,538	-	3,852,848
Cobalt naphthenate	-	•	-	•
Coke, pitch	ton 8,089	203,078	5,395	128,303
Colours:				
Butter, cheese, etc.	-	•	-	•
Dry	-	3,287,628	-	3,069,508
In oils and japans	gal. 59,685	310,233	61,143	308,132
Copper naphthenate	-	•	-	•
Croton aldehyde	-	•	-	•
Cresol	-	•	-	•
Cryalite	-	•	-	•
Deacidifiers, liquid, powder and paste	-	9,027,361	-	8,000,059
Detergents, synthetic	lb. 155,564,694	42,406,807	176,992,349	49,339,554
Dextrines	-	•	-	•
Dibutyl phthalate	-	•	-	•
Dichloroethyl ether	-	•	-	•
Dicyandiamide	-	•	-	•
Diocetyl phthalate	-	•	-	•
Disinfectants and deodorants (except for personal use)	-	2,066,850	-	1,960,836
Dressings and finishes, leather, except polish	-	1,475,344	-	1,548,295
Dyes:				
Leather	-	24,609	-	23,975
Embalming fluid	-	241,455	-	295,805
Ethyl acetate	-	•	-	•
Ethylene oxide	-	•	-	•
Ethylene dichloride	-	•	-	•
Explosives and ammunition	-	•	-	•
Ferric chloride	-	•	-	•
Ferrophosphorus	-	•	-	•
Fertilizers, mixed	ton 697,342	34,042,502	716,397	36,573,967
Flavouring extracts	-	452,562	-	409,874
Flour bleaching compound	-	•	-	•
Fluorspar, flotation	-	•	-	•
Glue:				
Bone and hide	lb. 9,239,593	2,261,877	11,311,955	2,649,121
Casein	" 688,051	199,521	533,356	148,916
Fish	" -	255,798	-	196,105
Flexible	" 2,716,358	630,661	2,668,561	624,473
Synthetic resin	" 36,431,963	4,939,431	35,631,469	5,266,636
Vegetable, dry	" 2,859,341	353,641	2,663,603	375,174
Vegetable, liquid	" 20,367,789	2,144,228	20,373,670	2,489,749
Other	" -	764,117	-	849,685
Glycerine:				
Crude	" 1,580,489	252,617	1,321,833	248,564
Refined	" 11,770,053	3,751,004	11,963,935	3,592,271
Glycols:				
Ethylene	-	•	-	•
Diethylene	-	•	-	•
Triethylene	-	•	-	•

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group,
1956 and 1957 - Continued

Item	1956		1957	
	Quantity	Selling value at works	Quantity	Selling value at works
Guanidine nitrate.....	-	•	-	•
Hydrogen chloride, anhydrous.....	-	•	-	•
Hydrogen peroxide, liquid.....	-	•	-	•
Inks:				
Newspaper.....	lb. 16,438,218	1,649,221	14,352,242	1,750,332
Letterpress.....	" 7,355,867	7,044,543	8,002,691	7,277,696
Lithographing.....	" 2,404,851	3,283,383	2,906,316	3,470,816
Stamping.....	" 113,756	132,659	119,000	134,142
Other printing.....	" 3,821,436	1,585,820	4,794,613	2,176,948
Writing:				
Liquid.....	-	338,521	-	350,576
Powder and pellets.....	-	46,579	-	6,436
Insecticides, other:				
Agricultural dusts and sprays, not specified elsewhere.....	-	1,350,900	-	1,601,093
Fly spray.....	-	147,090	-	104,677
Gopher poison.....	-	2,509	-	6,109
Rat and mouse poison.....	-	239,435	-	205,760
Other household.....	-	1,663,810	-	1,501,236
Livestock spray and powder.....	-	89,752	-	75,981
Iron oxide pigments, synthetic.....	-	•	-	•
Iron naphthenate.....	-	•	-	•
Isobutylene.....	-	•	-	•
Javel water.....	-	8,980,842	-	9,913,573
Lacquers.....	gal. 2,711,145	8,502,159	2,735,481	8,215,287
Lead acetate.....	-	•	-	•
Lead arsenate.....	-	•	-	•
Lead naphthenate.....	-	•	-	•
Lead oxide:				
Red.....	-	•	-	•
Litharge.....	-	•	-	•
Lead, white:				
Dry.....	-	•	-	•
Ground in oil.....	-	•	-	•
Lecithin.....	-	•	-	•
Lighter fluid.....	-	248,961	-	257,262
Magnesium stearate.....	-	•	-	•
Manganese naphthenate.....	-	•	-	•
Matches:				
In books.....	No. of books 498,560,035	2,183,092	592,311,068	1,907,305
Other.....	-	•	-	•
Medicinals and pharmaceuticals, other.....	-	81,561,791	-	95,760,310
Muriate of potash (fertilizer):				
Milled, screened and bagged only.....	ton 2,535	141,253	2,946	158,604
Naphthalene.....	-	•	-	•
Nickel salts.....	-	•	-	•
Nitrous oxide.....	-	•	-	•
Nitrobenzol.....	-	•	-	•
Oil, sulphonated:				
Castor.....	lb. 609,890	99,295	511,590	82,341
Cocoanut.....	" 290,310	43,498	173,601	21,529
Cod.....	" 388,191	48,106	441,267	54,699
Neat's foot.....	" 196,913	37,344	179,247	33,042
Other blends.....	" 3,506,138	369,074	3,304,727	340,345
Oil:				
Castor, dehydrated.....	-	•	-	•
Cocoanut, crude.....	-	•	-	•
Core.....	lb. 5,071,085	642,610	3,484,500	481,804
Cresote.....	gal. 9,630,724	2,613,028	11,984,155	3,188,592
Lard.....	-	•	-	•
Linseed:				
Boiled.....	" 392,996	869,791	316,426	502,781
Processed.....	" 2,808,327	4,293,329	2,779,183	3,882,003
Raw (sold as such).....	" 3,782,936	4,859,130	4,854,205	5,771,637
Neat's foot, cold-pressed.....	-	•	-	•
Soya bean, crude.....	ton 37,884	10,684,726	70,240	19,625,663
Soya bean, processed.....	" 2,430	697,106	3,254	924,178
Stand, blown and enamel.....	gal. 52,761	54,343	48,594	50,052
Sunflower, crude.....	-	•	-	•
Other.....	-	2,745,401	-	2,178,959
Oilcake and oilcake meal:				
Cocoanut.....	-	•	-	•
Linseed.....	ton 57,808	4,385,915	60,735	4,075,566
Soya bean.....	" 185,424	12,334,010	329,526	20,471,289
Sunflower.....	-	•	-	•

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Continued

Item	1956		1957		
	Quantity	Selling value at works	Quantity	Selling value at works	
		\$		\$	
Oxygen in cylinders or delivered by pipeline	cu ft.	1,021,658,801	8,873,101	1,090,809,299	9,481,915
Paint:					
Paste paints (not including water-paste paints)	lb.	2,570,561	632,963	2,012,216	457,191
Semi-paste paints (not including water-thinned type)	Imp. gal.	18,856	65,272	64,135	179,022
Ready mixed paints and enamels -					
Exterior type	"	8,701,661	34,104,517	8,933,582	35,459,510
Interior type	"	11,432,806	47,600,491	11,547,887	50,188,431
Water-thinned paints and enamels					
Latex base emulsion paints	"	2,460,110	9,810,333	2,742,897	10,949,336
Resin and other bases emulsion paints (paste and semi-paste)	"	439,702	1,384,808	372,854	1,197,546
Casein and other protein bound, glue bound					
Dry	lb.	1,245,743	165,687	1,131,472	125,465
Paste and semi-paste	Imp. gal.	27,826	63,675	22,588	48,071
Plastic texture, paste and dry	lb.	271,230	33,453	254,350	24,095
Calcimines	"	461,858	38,829	765,122	85,720
Lime and cement bound	"	1,741,535	245,854	2,388,154	227,995
Other water-thinned paints	"	956,476	206,112	606,136	54,298
Insulating varnishes, electrical types	Imp. gal.	794,163	931,428	758,109	755,012
Dopes, cellulose nitrate and other dopes	"	17,000	46,857	16,000	45,671
Paint and varnish remover	"	149,749	377,743	180,783	524,030
Paraldehyde	-	-	*	-	*
Parathion	-	-	*	-	*
Paste:					
Dry powder	-	-	226,384	-	157,261
Liquid, including mucilage	-	-	423,535	-	277,900
Penicillin	-	-	*	-	*
Penicillin preparations	-	-	2,956,332	-	3,436,242
Pentazol acetate	-	-	*	-	*
Perchloroethylene	-	-	*	-	*
Phenol	-	-	*	-	*
Phenothiazine	-	-	*	-	*
Phosphorus:					
Amorphous	-	-	*	-	*
Yellow	-	-	*	-	*
Phenacetin	-	-	*	-	*
Phosphorous sesquisulphide	-	-	*	-	*
Phthalic anhydride	-	-	*	-	*
Patching material:					
For walls	lb.	5,412,023	522,928	5,451,828	497,219
For floors	"	418,465	76,192	665,117	110,431
Pitch, coal tar	ton	134,195	5,657,044	120,660	5,354,758
Polish:					
Automobile (including wax)	-	-	563,182	-	678,365
Brass	-	-	94,639	-	102,203
Furniture	-	-	1,202,091	-	1,208,458
Shoe and shoe dressing	-	-	1,129,082	-	1,291,264
Silver	-	-	217,088	-	182,504
Stove	-	-	53,614	-	34,866
Other	-	-	444,212	-	331,606
Polyethylene film	-	-	*	-	*
Polyvinyl alcohol	-	-	*	-	*
Potassium chlorate	-	-	*	-	*
Putty	lb.	12,581,311	1,006,711	12,632,733	1,093,860
Railway signal bombs and signal boxes	-	-	*	-	*
Resins, synthetic	1	1	1	1	1
Rollers, printers'	-	-	956,999	-	763,927
Rust preventives	-	-	655,629	-	656,737
Rubber plasticizers and accelerators	-	-	*	-	*
Rubber, synthetic	lb.	271,802,643	63,325,060	290,351,068	65,988,164
Sex hormones	-	-	2,547,135	-	2,746,212
Size	-	-	1,857,295	-	1,746,741

¹ See Table 5. Census of Industry bulletin "The Primary Plastics Industry" for available information on synthetic resins.

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group.
1956 and 1957 - Continued

Item	1956		1957	
	Quantity	Selling value at works \$	Quantity	Selling value at works \$
Soap:				
Castile	lb. 840,553	216,803	548,171	104,157
Chips and flakes:				
Household packages	" 7,354,037	1,975,650	5,535,756	1,484,881
Bulk (including textile and mill)	" 14,058,736	1,671,790	12,962,441	1,562,595
Laundry, bar:				
Household:				
Built	" 2,072,747	264,299	1,284,924	144,058
Not built	" 14,631,625	2,526,723	13,978,259	2,363,537
Liquid	" 12,288,732	1,718,590	15,432,662	2,070,934
Powder:				
Household packages	" 41,951,917	9,311,602	33,001,134	7,646,134
Bulk	" 10,160,463	1,400,880	10,766,309	1,540,820
Shaving cream:				
Lather	" 1,055,553	1,548,139	1,132,451	1,575,769
Brushless	" 289,858	371,316	338,225	353,743
Other	" 207,868	319,372	299,544	293,816
Soft, paste and jelly	" 2,945,444	329,995	2,723,601	310,566
Toilet, bar	" 42,354,841	12,646,628	40,360,265	13,646,104
Other	" 3,390,226	400,890	3,247,060	498,630
Sodium acid pyrophosphate	-	.	-	.
Sodium arsenate	-	.	-	.
Sodium arsenite	-	.	-	.
Sodium azide	-	.	-	.
Sodium benzoate	-	.	-	.
Sodium carbonate:				
Soda ash	-	.	-	.
Sal soda	-	.	-	.
Sodium chlorate	-	.	-	.
Sodium cyanide	-	.	-	.
Sodium fluoride	-	.	-	.
Sodium hydrosulphide	-	.	-	.
Sodium hydroxide (caustic soda) (for sale)	lb. 345,698,374	10,531,248	354,720,639	11,078,633
Sodium hypochlorite	-	.	-	.
Sodium (di) phosphate	-	.	-	.
Sodium (tetra) phosphate, anhydrous	-	.	-	.
Sodium (tri) phosphate	-	.	-	.
Sodium (mono) phosphate	-	.	-	.
Sodium metabisulphite	-	.	-	.
Sodium silicate	-	.	-	.
Sodium stearate	-	.	-	.
Sodium sulphamethazine	-	.	-	.
Sodium sulphite, anhydrous	-	.	-	.
Sodium thiosulphite	-	.	-	.
Sodium tripolyphosphate	-	.	-	.
Soldering flux	-	.	-	.
Stains (oil sprit, varnish, etc.)	gal. 320,136	943,332	413,183	1,082,259
Starches, blended	-	.	-	.
Stearine	-	.	-	.
Streptomycin	-	.	-	.
Streptomycin preparations	-	136,274	-	299,123
Sulphur dioxide, liquid	-	.	-	.
Styrene	-	.	-	.
Superphosphate fertilizer:				
Actually made	-	.	-	.
Milled, screened and bagged, only	ton 16,541	601,785	11,467	447,746
Sweeping compounds	-	859,147	-	956,434
2-ethylhexanol	-	.	-	.
Tankage	ton 323	1,625	580	2,698
Tanners' bate	-	.	-	.
Tar, refined	gal. 3,816,392	809,979	2,346,469	672,733
Textile and leather finishes	-	3,860,764	-	3,806,407
Thinners, for lacquers, paints and enamels	gal. 2,610,925	3,495,526	2,464,043	3,640,569
Toilet preparations (except dentifrices)	-	43,426,080	-	52,297,553
Trichlorethylene, crude	-	.	-	.
Turpentine	-	.	-	.

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group, 1956 and 1957 - Concluded

Item	1956		1957	
	Quantity	Selling value at works \$	Quantity	Selling value at works \$
Toluene	-	.	-	.
Vanillin	-	.	-	.
Varnishes (Japans, shellac, etc.) gal.	4,294,539	9,438,686	3,681,064	9,253,317
Veterinary medicines	-	2,198,806	-	2,531,262
Vinyl acetate	-	.	-	.
Vitamin preparations	-	14,138,965	-	15,750,425
Washing blue	-	.	-	.
Washing compounds, other	-	2,157,102	-	2,758,247
Wax, floor:				
Paste	9,555,703	3,478,997	8,480,155	3,153,436
Liquid	1,234,350	2,093,583	1,242,367	2,194,622
Self-polishing	3,048,391	8,397,482	3,018,844	8,763,982
Wax, sealing	-	.	-	.
Wax, paraffin, refined	-	.	-	.
Weed killer	-	2,092,444	-	2,897,322
Welding compounds	-	.	-	.
Zinc chloride (50% solution)	-	.	-	.
Zinc naphthenate	-	.	-	.
Zinc oxide	-	.	-	.
Zinc stearate	-	.	-	.
Zinc, white, in oil	-	.	-	.
All other products (including products reported by only one or two firms in this group marked* above)	-	454,725,650	-	475,582,570
Total	-	1,111,233,404	-	1,203,411,197

TABLE 13. Imports into Canada and Exports of Chemicals and Allied Products, 1920 - 1957
(Values in thousands of dollars)

Year	Total Canada \$	From or to United Kingdom		From or to United States	
		\$	%	\$	%
(a) Imports					
1920	40,010	6,811	17.0	31,330	78.6
1925	27,653	4,300	15.6	18,327	66.3
1930	36,785	4,709	12.8	23,960	65.0
1935	29,757	6,331	21.3	17,458	58.7
1940	51,824	7,546	14.5	41,493	80.1
1945	79,759	4,748	5.9	71,309	89.4
1950	158,221	14,047	8.9	134,603	85.1
1951	191,813	16,188	8.4	165,061	86.1
1952	187,713	12,225	6.5	166,249	88.6
1953	221,834	18,551	8.3	191,812	86.5
1954	220,406	18,590	8.4	190,489	86.4
1955	260,499	22,626	8.6	222,612	85.4
1956	288,586	22,639	7.9	250,365	86.6
1957	293,821	23,168	7.9	252,947	86.1
(b) Exports					
1920	21,432	4,159	19.5	11,644	54.3
1925	17,450	3,451	19.8	8,937	51.2
1930	16,321	3,332	20.4	9,003	55.2
1935	16,372	3,022	18.5	7,983	48.7
1940	31,223	8,343	26.7	10,846	34.7
1945	111,318	16,437	14.8	51,891	46.6
1950	100,525	5,993	6.0	58,499	58.5
1951	131,690	10,370	7.9	67,253	51.1
1952	124,565	9,712	7.8	75,107	60.3
1953	137,885	8,551	6.2	84,598	61.4
1954	161,293	15,676	9.8	85,910	53.3
1955	210,040	19,945	9.5	111,724	53.2
1956 ¹	182,854	21,283	11.8	84,975	46.4
1957	195,303	28,480	14.5	77,963	39.9

¹ Revised. Uranium ores and concentrates excluded from 1956 and 1957 compilations.

TABLE 14. Fuel and Electricity Used in the Manufacture of Chemicals and Allied Products in Canada, by Industries and by Provinces, 1957

	Bituminous coal		Sub-bituminous coal from Alberta mines only	Anthracite coal	Lignite coal	Coke (for fuel only)	Gasoline (including gasoline used in cars and trucks)
	From Canadian mines	Imported					
	tons						Imp. gal.
(a) By industries							
Acids, alkalies and salts:							
1	Quantity	22,333	300,544	—	54	—	337,752
2	Cost	269,987	3,045,047	—	1,563	9,228	116,320
Fertilizers:							
3	Quantity	6,578	50,120	—	71	—	230,231
4	Cost	58,733	501,804	—	1,437	2,437	74,334
Medicinals and pharmaceuticals:							
5	Quantity	1,187	4,654	52	121	745	263,505
6	Cost	17,709	57,350	866	2,238	442	109,094
Paints and varnishes:							
7	Quantity	1,297	4,294	—	97	436	185,028
8	Cost	18,816	47,740	—	1,600	2,586	75,428
Primary plastics:							
9	Quantity	30,576	4,169	—	—	—	94,414
10	Cost	358,046	49,038	—	—	—	35,765
Soaps, washing compounds and cleaning preparations:							
11	Quantity	164	61,144	—	1,543	280	173,772
12	Cost	2,595	628,472	—	22,594	1,981	77,290
Toilet preparations:							
13	Quantity	100	1,426	—	126	—	27,731
14	Cost	1,250	19,646	—	1,722	—	11,729
Vegetable oils:							
15	Quantity	955	22,687	—	—	396	20,225
16	Cost	11,314	229,149	—	—	3,176	9,121
Inks:							
17	Quantity	21	901	—	9	—	51,459
18	Cost	457	10,775	—	238	—	22,350
Adhesives:							
19	Quantity	5,905	21,254	—	—	—	91,721
20	Cost	66,258	231,019	—	—	1,012	34,456
Polishes and dressings:							
21	Quantity	—	1,259	—	23	—	59,259
22	Cost	—	18,197	—	437	—	22,344
Compressed gases:							
23	Quantity	128	12	—	269	—	90,383
24	Cost	2,036	201	—	4,645	—	35,223
Coal tar distillation:							
25	Quantity	1,374	15,125	57	—	—	41,483
26	Cost	19,920	172,792	374	—	—	17,220
Miscellaneous chemical products:							
27	Quantity	24,419	576,231	—	429	482	464,302
28	Cost	283,850	4,591,033	—	7,909	3,132	150,637
Total, 1957:							
29	Quantity	95,037	1,063,820	109	2,742	2,339	2,131,265
30	Cost	1,110,971	9,602,263	1,240	44,383	11,317	791,308
(b) By provinces							
Newfoundland:							
31	Quantity	—	—	—	—	—	1,850
32	Cost	—	—	—	—	—	828
Prince Edward Island:							
33	Quantity	—	—	—	—	—	16,100
34	Cost	—	—	—	—	—	5,714
Nova Scotia:							
35	Quantity	2,006	—	—	52	—	18,650
36	Cost	28,823	—	—	810	—	6,821
New Brunswick:							
37	Quantity	5	—	—	86	—	27,502
38	Cost	94	—	—	1,720	—	8,492
Quebec:							
39	Quantity	80,162	17,437	—	390	—	656,885
40	Cost	951,455	245,524	—	8,326	—	251,696
Ontario:							
41	Quantity	7,954	1,045,626	—	2,214	—	1,257,187
42	Cost	94,298	9,344,806	—	33,527	—	460,751
Manitoba:							
43	Quantity	244	455	57	—	2,339	15,962
44	Cost	2,610	8,302	374	—	11,317	6,640
Saskatchewan:							
45	Quantity	110	—	—	—	—	—
46	Cost	1,125	—	—	—	—	—
Alberta:							
47	Quantity	—	—	—	—	—	66,707
48	Cost	—	—	—	—	—	24,432
British Columbia:							
49	Quantity	4,556	302	52	—	—	70,422
50	Cost	32,566	3,631	866	—	—	25,934
Yukon:							
51	Quantity	—	—	—	—	—	—
52	Cost	—	—	—	—	—	—
Total, 1957:							
53	Quantity	95,037	1,063,820	109	2,742	2,339	2,131,265
54	Cost	1,110,971	9,602,263	1,240	44,383	11,317	791,308

Cost = Laid down value of materials at plant in Canadian dollars.

TABLE 14. Fuel and Electricity Used in the Manufacture of Chemicals and Allied Products in Canada, by Industries and by Provinces, 1957

Kerosene or coal oil	Fuel oil (not including lubricating oil)	Wood (cords of 128 cubic ft. of piled wood)	Gas			Other fuel	Electricity		Total	No.
			Liquefied petroleum gases (propane etc.)	Other manufactured gas	Natural gas		Purchased	Generated for own use		
Imp. gal.	Imp. gal.	cords	Imp. gal.	M cu. ft.	M cu. ft.		kwh.	\$		
4,227	15,714,278	4	155,598	837,934	6,674,008	—	2,942,623,950	149,681,194	—	1
974	1,817,451	80	34,503	463,001	826,174	562,607	13,237,159	—	20,384,094	2
—	624,015	—	300	370	1,441,590	—	1,170,510,202	1,698,940	—	3
—	91,777	—	142	299	183,186	4,829	2,232,359	—	3,151,337	4
560	4,261,704	—	8,066	15,116	25,019	—	28,687,947	—	—	5
96	499,096	—	1,930	14,134	24,640	23,088	319,735	—	1,071,778	6
905	3,373,467	8	11,779	3,964	25,514	—	25,798,372	127,520	—	7
255	425,338	112	3,178	4,314	27,463	20,803	367,457	—	1,002,965	8
969	2,382,802	—	70,880	5,120	2,845,760	—	104,724,005	19,234,452	—	9
271	262,861	—	11,548	4,117	412,842	247,815	613,609	—	1,995,912	10
1,050	1,382,654	14	31,325	527	88,987	—	35,890,253	981,720	—	11
239	186,976	168	7,925	443	60,494	32,627	351,182	—	1,372,986	12
15,975	471,527	—	2,000	—	4,535	—	3,869,554	—	—	13
1,980	65,479	—	752	—	5,570	11,055	61,915	—	181,098	14
—	1,922,913	—	—	—	16,450	—	32,968,492	—	—	15
—	207,119	—	—	—	5,486	32,547	258,502	—	756,414	16
1,290	201,360	—	—	562	4,385	—	3,829,920	—	—	17
288	30,653	—	—	632	4,565	—	66,935	—	136,893	18
—	442,060	8	—	—	1,753	—	5,203,080	1,140,000	—	19
—	55,519	176	—	—	1,905	8,331	57,474	—	456,150	20
—	312,177	—	250	1,652	1,985	—	2,622,000	—	—	21
—	45,898	—	128	1,755	2,089	9,613	36,958	—	138,178	22
—	662,351	—	—	1,296	16,607	—	73,798,166	—	—	23
—	104,832	—	—	1,366	5,949	3,594	592,458	—	750,304	24
—	3,526,421	—	—	268,686	—	—	14,028,941	—	—	25
—	393,483	—	—	70,550	—	528	96,024	—	770,891	26
13,175	13,817,850	15	13,634	4,190,702	246,841	—	93,340,146	140,843,635	—	27
3,614	1,544,296	213	4,484	2,165,350	87,319	152,062	938,097	—	9,932,741	28
38,151	49,095,579	49	293,832	5,325,929	11,393,434	—	4,537,895,028	313,707,461	—	29
7,717	5,730,778	749	64,590	2,725,961	1,647,682	1,109,499	19,229,864	—	42,101,741	30
—	52,862	—	800	—	—	—	449,818	—	—	31
—	8,057	—	316	—	—	—	11,387	—	20,588	32
—	—	—	—	—	—	—	154,200	—	—	33
—	—	—	—	—	—	—	4,345	—	10,059	34
500	641,738	—	150	—	—	—	2,980,472	—	—	35
145	85,743	—	72	—	—	—	58,986	—	181,400	36
—	295,311	—	—	—	—	—	1,499,090	—	—	37
—	33,478	—	—	—	—	600	42,730	—	89,551	38
15,140	26,114,418	9	169,495	799,753	5,161	—	1,645,088,784	69,147,150	—	39
4,099	2,875,118	201	40,127	431,651	5,402	202,188	7,037,138	—	12,054,069	40
20,812	19,686,343	26	101,381	4,525,634	357,755	—	1,675,722,024	170,258,905	—	41
3,087	2,447,188	405	19,299	2,293,767	277,993	862,920	9,610,202	—	25,464,966	42
—	522,053	—	—	352	500	—	6,252,309	—	—	43
—	54,066	—	—	351	464	8,074	88,463	—	183,326	44
—	6,830	—	—	—	13,000	—	1,824,289	—	—	45
—	916	—	—	—	4,550	60	31,631	—	38,282	46
200	5,700	—	—	—	11,013,198	—	217,875,747	74,198,886	—	47
40	1,115	—	—	—	1,358,197	13,021	1,180,281	—	2,577,086	48
1,389	1,766,419	14	22,006	190	3,820	—	9,856,702,256	102,520	—	49
346	224,302	143	4,776	192	1,076	22,636	1,156,560	—	1,473,478	50
—	3,905	—	—	—	—	—	378,039	—	—	51
—	795	—	—	—	—	—	8,141	—	8,936	52
38,151	49,095,579	49	293,832	5,325,929	11,393,434	—	4,537,895,028	313,707,461	—	53
7,717	5,730,778	749	64,590	2,725,961	1,647,682	1,109,499	19,229,864	—	42,101,741	54



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010681670

CHEMICALS AND ALLIED PRODUCTS 1957