

CATALOGUE No.

46-201

ANNUAL



CHEMICALS AND ALLIED PRODUCTS
1956

General Review



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

6512-586-126

Price 25 cents

Vol. 2—Part XVIII—A-1

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1959

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

1956

General Review

Production of chemicals and allied products totalled \$1,111.2 millions in 1956 compared with \$1,044.1 millions in 1955, an increase of about 6.4 per cent. The net value of production, or the value added by manufacturing, also advanced, the \$556.2 millions in 1956 being 5.1 per cent higher than the \$528.9 millions in 1955.

The gross values of production by industries were as follows, in millions of dollars: Acids, alkalies and salts, \$193.5; fertilizers, \$83.4; medicinals and pharmaceuticals, \$122.6; paints and varnishes, \$126.3; primary plastics, \$82.7; soaps, washing compounds and cleaning preparations, \$109.4; toilet preparations, \$41.3; vegetable oils, \$42.2; inks, \$15.9; adhesives, \$12.3; polishes and dressings, \$20.8; compressed gases, \$21.0; coal tar distillation, \$13.2; miscellaneous chemical products, \$226.4.

In the entire group there were 1,131 plants in 1956 with approximately 53,000 employees and an aggregate payroll of \$200 millions. The 558 plants in Ontario accounted for 56 per cent of the production and 49 per cent of the employees and the 365 plants in Quebec accounted for about 32 per cent of the total output and 40 per cent of the workers. The other provinces with 208 plants accounted for about 12 per cent of the total Canadian production.

Materials used in manufacturing processes cost \$527.6 millions and fuel and electricity cost \$36.6 millions.

The exports of chemicals and allied products showed an increase in 1956, the value of \$228.6 millions being about 9 per cent higher than the \$210.0 millions in 1955. Exports to the United States amounted to \$130.8 millions or 45 per cent of the total shipped to all foreign countries.

Imports at \$288.6 millions increased about 11 per cent over the \$260.5 millions reported in 1955. About 87 per cent of the imports came from the United States while the United Kingdom accounted for about 8 per cent.

Note: Due to 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 warehouse.

TABLE 1. Principal Statistics for the Chemicals and Allied Products Group, by Industries, 1955 and 1956

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				
1955							
Acids, alkalis and salts	45	8,597	35,547,851	15,033,501	61,686,514	95,023,999	172,255,750
Fertilizers	39	2,935	11,542,380	2,641,870	41,396,928	45,895,045	92,498,839
Medicinals and pharmaceuticals	210	7,629	23,937,050	871,026	33,819,677	72,703,379	108,121,734
Paints and varnishes	122	5,994	20,768,461	874,952	59,785,089	56,245,997	117,184,189
Primary plastics	23	3,036	12,332,507	1,490,621	40,264,982	33,760,502	75,052,166
Soaps, washings compounds and cleaning preparations	141	3,827	14,047,369	1,283,680	44,918,815	54,284,965	100,105,140
Toilet preparations	98	2,166	5,890,056	143,007	13,842,997	23,029,087	36,849,128
Vegetable oils	12	682	2,503,689	693,961	42,018,137	7,017,207	50,322,215
Inks	35	996	3,416,557	126,112	5,903,527	8,739,452	14,748,162
Adhesives	29	576	1,934,597	369,578	5,030,858	5,368,263	10,908,938
Polishes and dressings	48	805	2,563,953	99,573	8,746,585	10,412,904	19,605,544
Compressed gases	52	1,387	4,759,759	591,850	2,942,918	12,985,965	16,501,924
Coal tar distillation	11	528	2,080,557	611,810	7,010,908	4,802,463	11,892,812
Miscellaneous chemical products	261	12,698	43,943,157	6,254,029	112,736,255	96,659,281	218,032,459
Total	1,126	51,856	185,267,943	33,085,570	480,104,190	528,928,509	1,044,079,000
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	39,009,475	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	5,062,994	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

¹ See footnote to text.

TABLE 2. Principal Statistics for the Chemicals and Allied Products Group, by Provinces, 1955 and 1956

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				
1955							
Newfoundland	5	78	224,468	19,099	742,303	689,105	1,429,900
Prince Edward Island and Nova Scotia	18	319	889,787	137,637	4,128,756	2,850,898	7,008,361
New Brunswick	7	131	441,001	64,706	3,116,055	1,138,912	4,211,083
Quebec	371	21,236	73,975,901	9,075,066	159,643,404	166,549,304	334,497,949
Ontario	553	25,137	90,764,804	20,353,293	266,606,480	291,452,789	578,133,840
Manitoba	38	743	1,969,907	160,907	6,748,407	5,067,371	12,124,065
Saskatchewan	10	200	743,057	22,857	2,255,904	541,533	3,170,604
Alberta	31	1,513	6,717,633	2,131,612	11,822,005	21,822,372	36,865,383
British Columbia	93	2,499	9,541,385	1,120,393	25,040,876	36,816,225	66,637,815
Canada	1,126	51,856	185,267,943	33,085,570	480,104,190	528,928,509	1,044,079,000
1956							
Newfoundland	5	78	207,746	20,631	830,905	652,989	1,469,308
Prince Edward Island and Nova Scotia	16	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 and Northwest Territories	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

TABLE 3. Inventories¹ in the Chemical and Allied Products Group, by Industries, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Acids, alkalies and salts	14,869,974	1,565,425	8,187,531	24,622,930
Fertilizers	8,868,349	7,379,738	7,968,515	24,216,602
Medicinals and pharmaceuticals	10,545,908	6,878,879	9,429,267	26,854,054
Paints and varnishes	9,739,110	1,603,661	14,225,641	25,568,412
Primary plastics	5,434,141	829,237	5,215,399	11,478,777
Soaps, washing compounds and cleaning preparations	6,342,103	1,367,255	7,415,454	15,124,812
Toilet preparations	4,327,793	252,644	2,863,300	7,443,737
Vegetable oils	10,813,006	218,717	1,339,943	12,371,666
Inks	1,090,975	216,083	709,996	2,017,054
Adhesives	866,365	84,539	1,124,559	2,075,463
Polishes and dressings	1,463,506	112,388	974,673	2,550,587
Compressed gases	560,244	48,525	119,313	728,082
Coal tar distillation	991,281	130,213	1,328,675	2,450,169
Miscellaneous chemical products	53,551,458	12,849,581	9,800,677	76,201,716
Total	129,464,213	33,536,885	70,702,943	233,704,041
Closing:				
Acids, alkalies and salts	17,971,320	2,169,750	13,029,128	33,170,198
Fertilizers	8,792,352	7,884,173	7,404,445	24,080,970
Medicinals and pharmaceuticals	10,923,840	6,475,395	9,474,291	26,873,526
Paints and varnishes	10,282,001	1,685,008	14,396,743	26,363,752
Primary plastics	6,881,599	1,142,123	5,665,673	13,689,395
Soaps, washing compounds and cleaning preparations	7,696,181	1,216,226	8,589,888	17,502,295
Toilet preparations	4,780,980	447,481	3,158,775	8,387,236
Vegetable oils	8,572,604	89,575	2,303,449	10,965,628
Inks	1,178,698	217,908	806,947	2,203,553
Adhesives	1,015,095	82,254	1,089,788	2,187,137
Polishes and dressings	1,625,333	137,921	1,264,857	3,028,111
Compressed gases	738,488	36,365	136,720	911,573
Coal tar distillation	637,354	164,793	1,374,556	2,176,703
Miscellaneous chemical products	49,293,070	12,592,388	10,413,721	72,299,179
Total	130,388,915	34,341,360	79,108,981	243,839,256

¹ See footnote to table 4.TABLE 4. Inventories¹ in the Chemical and Allied Products Group, by Provinces, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Newfoundland	265,625	1,300	100,100	367,025
Prince Edward Island and Nova Scotia	688,999	429,421	676,933	1,795,353
New Brunswick	455,673	723,550	388,779	1,568,002
Quebec	63,232,519	16,458,387	23,339,495	103,030,401
Ontario	53,521,107	14,932,005	36,049,772	104,502,884
Manitoba	1,257,213	288,081	1,325,913	2,871,207
Saskatchewan	646,622	825	138,325	785,772
Alberta	2,556,648	292,044	1,641,761	4,490,453
British Columbia and North West Territories	6,839,807	411,272	7,041,865	14,292,944
Canada	129,464,213	33,536,885	70,702,943	233,704,041
Closing:				
Newfoundland	259,991	1,112	135,505	396,608
Prince Edward Island and Nova Scotia	778,986	270,804	658,811	1,708,601
New Brunswick	542,931	607,862	340,404	1,491,197
Quebec	59,367,173	15,146,388	25,857,709	100,371,270
Ontario	56,602,662	16,404,912	41,317,740	114,325,314
Manitoba	1,407,834	171,431	1,573,538	3,152,803
Saskatchewan	939,351	618	200,069	1,140,038
Alberta	3,487,238	1,547,355	3,346,543	8,381,136
British Columbia and North West Territories	7,002,749	190,878	5,678,662	12,872,289
Canada	130,388,915	34,341,360	79,108,981	243,839,256

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, 1956

	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	146	208	283,279	24,239	279,647	719,465
\$10,000 to \$24,999	108	298	614,282	54,565	648,982	1,786,215
\$25,000 to \$49,999	97	424	1,037,038	65,001	1,478,128	3,499,477
\$50,000 to \$99,999	130	894	2,422,076	180,446	4,067,589	9,443,457
\$100,000 to \$199,999	129	1,377	4,420,630	315,778	8,187,217	17,775,852
\$200,000 to \$499,999	179	3,477	11,468,338	851,424	26,166,472	58,014,948
\$500,000 to \$999,999	132	4,942	17,235,913	1,534,839	44,875,548	95,797,306
\$1,000,000 to \$4,999,999	165	15,347	54,825,540	6,540,212	170,423,895	359,128,498
\$5,000,000 and over	45	23,602	95,938,662	27,072,433	271,636,749	565,066,186
Head offices	—	2,252	12,496,889	—	—	—
Totals	1,131	32,821	200,742,647	36,638,937	527,564,227	1,111,233,404
(b) Employees						
Under 5 employees	361	797	1,827,761	159,841	4,205,877	10,380,822
5 to 14 employees	316	2,689	8,861,269	664,071	28,222,547	58,541,030
15 to 49 employees	255	6,986	24,016,010	2,461,392	90,640,973	167,894,917
50 to 99 employees	97	6,720	22,939,966	2,549,299	81,537,284	157,328,796
100 to 199 employees	52	7,126	26,328,521	3,947,312	78,949,020	171,159,758
200 to 499 employees	32	9,548	37,782,879	6,886,390	80,918,853	191,111,922
500 to 999 employees	14	10,098	40,938,688	10,592,481	89,819,235	222,117,686
1,000 to 1,499 employees	3	6,605	25,550,664	9,378,151	73,370,438	134,708,473
1,500 and over	1					
Head offices	—	2,252	12,496,889	—	—	—
Totals	1,131	52,821	200,742,647	36,638,937	527,564,227	1,111,233,404

TABLE 6. New Investment in Durable Physical Assets and Repair and Maintenance, in the Chemicals and Allied Products Group, 1947-1956

Year	New Investment			Repair and maintenance			Total
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	
millions of dollars							
1947	14.4	19.3	33.7	4.0	12.5	16.5	50.2
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

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, 1955 and 1956

Industry	Number of employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
1955								
Acids, alkalies and salts	2,112	586	5,847	52	8,597	12,801,557	22,746,294	35,547,851
Fertilizers	637	155	2,135	8	2,935	3,642,456	7,899,924	11,542,380
Medicinals and pharmaceuticals	1,603	1,498	2,319	2,209	7,629	12,410,327	11,526,723	23,937,050
Paints and varnishes	1,630	911	3,118	335	5,994	10,038,668	10,729,793	20,768,461
Primary plastics	841	303	1,804	88	3,036	5,204,969	7,127,536	12,332,507
Soaps, washing compounds and cleaning preparations	1,107	530	1,801	389	3,827	6,506,265	7,541,104	14,047,369
Toilet preparations	349	443	480	894	2,166	2,969,756	2,920,300	5,890,056
Vegetable oils	169	67	443	3	682	1,066,019	1,437,670	2,503,689
Inks	198	106	641	51	996	1,437,379	1,979,178	3,416,557
Adhesives	139	82	328	27	576	863,958	1,070,639	1,934,597
Polishes and dressings	176	174	266	189	805	1,484,121	1,079,832	2,563,953
Compressed gases	429	259	699	—	1,337	2,130,862	2,628,897	4,759,759
Coal tar distillation	136	30	356	6	528	807,533	1,273,024	2,080,557
Miscellaneous chemical products	2,823	1,156	7,125	1,594	12,698	17,078,074	26,865,083	43,943,157
Total	12,349	6,300	27,362	5,845	51,856	78,441,944	106,825,999	185,267,943
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	2,116	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	6,211	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	1,046,783	1,411,251	2,458,034
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

TABLE 8. Employees and their Earnings in the Chemicals and Allied Products Group, by Provinces, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production and related workers		Total	Supervisory and office	Production and related workers	Total
	Male	Female	Male	Female				
1955								
Newfoundland	12	5	47	14	78	70,317	154,151	224,468
Prince Edward Island and Nova Scotia	83	31	189	16	319	334,817	554,970	889,787
New Brunswick	19	7	105	—	131	102,488	338,515	441,001
Quebec	4,991	2,598	10,877	2,770	21,236	33,168,323	40,807,578	73,975,901
Ontario	5,936	3,248	13,114	2,839	25,137	37,642,303	53,122,501	90,764,804
Manitoba	173	96	389	85	743	846,732	1,123,175	1,969,907
Saskatchewan	58	45	63	4	200	524,859	218,198	743,057
Alberta	444	116	929	24	1,513	2,435,493	4,282,140	6,717,633
British Columbia and Northwest Territories	603	154	1,649	93	2,499	3,316,614	6,224,771	9,541,385
Canada	12,349	6,300	27,362	5,845	51,856	78,441,944	106,825,999	185,267,943
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	6,335,694	9,867,094
Canada	12,871	6,704	27,495	5,751	52,821	88,263,136	112,479,511	200,742,647

TABLE 9. Production and Related Workers (wage-earners) in the Chemicals and Allied Products Group, by Industries and by Months, 1956

Month	Acids, alkalis and salts	Fertilizers	Medicinals and pharmaceuticals	Paints and varnishes	Primary plastics	Soaps and cleaning preparations	Toilet preparations			
	number									
January	5,895	2,106	4,512	3,419	1,968	2,195	1,327			
February	5,892	2,126	4,525	3,453	2,010	2,165	1,320			
March	5,941	2,154	4,506	3,476	1,995	2,191	1,366			
April	6,073	2,408	4,515	3,537	1,962	2,283	1,412			
May	6,116	2,549	4,469	3,623	2,029	2,349	1,445			
June	6,262	1,959	4,459	3,610	2,059	2,333	1,469			
July	6,318	1,789	4,408	3,572	2,112	2,349	1,433			
August	6,290	1,856	4,594	3,511	2,078	2,320	1,466			
September	6,307	2,078	4,617	3,424	2,107	2,316	1,519			
October	6,241	2,185	4,608	3,420	1,697	2,281	1,542			
November	6,193	2,220	4,588	3,362	2,070	2,195	1,483			
December	6,055	2,121	4,447	3,292	2,096	2,209	1,368			
Average	6,132	2,128	4,515	3,473	2,012	2,264	1,430			
	Vegetable oils	Inks	Adhesives	Polishes and dressings	Compressed gases	Coal tar distillation	Miscellaneous	Total		
	number									
January	441	678	385	470	624	370	8,258	32,648		
February	406	678	382	489	523	363	8,317	32,740		
March	415	673	383	510	639	377	8,467	33,093		
April	385	682	397	483	645	377	8,471	33,420		
May	382	685	390	468	670	386	8,631	34,191		
June	377	681	383	477	709	389	8,683	33,810		
July	381	683	384	470	712	402	8,559	33,572		
August	397	684	392	461	717	398	8,317	33,481		
September	413	697	392	447	689	394	8,082	33,403		
October	466	693	391	439	678	382	8,013	33,036		
November	460	694	411	444	685	384	7,906	33,075		
December	456	691	407	424	687	385	7,737	32,375		
Average	415	683	390	466	673	383	8,282	33,246		

TABLE 10. Production and Related Workers (wage-earners) in the Chemicals and Allied Products Group, by Provinces and by Months, 1956

Month	Newfoundland	Prince Edward Island and Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Northwest Territories	Canada
	number									
January	59	207	116	12,998	16,137	440	63	946	1,682	32,648
February	60	206	108	13,029	16,184	441	67	965	1,689	32,749
March	61	205	116	13,114	16,328	444	74	956	1,795	33,093
April	60	284	145	13,175	16,658	454	81	975	1,798	33,630
May	61	295	209	13,424	16,845	456	72	996	1,834	34,192
June	63	226	98	13,428	16,694	474	103	1,024	1,740	33,850
July	64	215	83	13,374	16,573	473	74	1,046	1,670	33,572
August	62	213	88	13,209	16,683	452	68	1,008	1,698	33,481
September	61	212	97	13,160	16,695	435	67	1,044	1,711	33,483
October	60	203	98	12,697	16,637	446	64	1,084	1,747	33,036
November	60	197	99	12,862	16,463	450	66	1,138	1,740	33,075
December	59	193	92	12,596	16,124	437	65	1,164	1,645	32,375
Average	60	221	112	13,083	16,406	447	72	1,029	1,726	33,246

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1955 and 1956

Item	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Acetic anhydride	lb. 2,682,799	293,281	2,641,175	292,459
Acetone	" 4,309,849	419,192	4,640,979	461,106
Acetanilid	" 6,851	3,455	8,061	4,314
Acetylene	cu. ft. 199,597,730	1,369,730	182,423,782	1,372,191
Acid:				
Acetic	lb. 23,498,929	2,134,684	19,990,295	1,809,626
Acetylsalicylic	" 674,888	373,935	777,758	431,262
Arsenic (As ₂ O ₃)	" 910,444	40,590	376,672	19,170
Benzolic	" 257,506	61,578	234,322	70,545
Boric or boracic	" 94,374	11,024	102,766	10,800
Citric	" 416,852	118,166	408,159	122,311
Cresylic (see also cresol)	" 119,251	16,462	336,628	54,885
Fatty, n.e.s.	" 2,320,189	229,913	4,116,213	558,402
Formic	" 154,000	29,229	338,000	53,489
Gallic	" 781	1,321	—	—
Hydrochloric (muriatic)	" 6,122,254	171,237	8,179,228	194,327
Naphthenic	" 2,708,586	226,850	2,221,058	179,676
Nitric	" 9,515,282	356,690	10,210,906	445,466
Oleic	" 1,303,789	212,620	1,212,074	217,940
Oxalic	" 120	28	149,209	22,868
Phosphoric	" 1,098,494	80,001	1,090,903	88,009
Stearic	" 1,417,950	211,540	1,858,381	290,138
Sulphuric	" 1,293,451,423	5,572,791	1,274,792,115	5,527,974
Tannic	" 6,495	5,789	2,985	2,764
Tartaric	" 615,485	167,115	582,531	219,925
Alcohol:				
Amyl (fusel oil)	gal. 337	659	2,007	2,421
Butyl	lb. 4,494,731	616,076	4,482,427	654,548
Ethyl	gal. 1,138,331	1,510,010	1,253,367	1,603,906
Isopropyl	lb. 2,905,119	254,937	4,103,204	311,672
Methyl (wood) refined	gal. 2,804,639	996,941	3,748,238	1,154,794
Aluminum rod, strip, etc.	lb. 49,018	23,376	55,573	25,901
Aluminum hydrate	" 42,148,444	1,053,711	46,615,444	1,116,381
Aluminum sulphate	" 873,940	23,595	1,010,997	26,511
Ammonia, anhydrous	" 214,334,283	5,756,729	230,037,301	6,320,743
Ammonium chloride	" 210,465	20,567	91,261	6,253
Ammonium nitrate	" 17,904,724	663,308	17,920,808	671,666
Ammonium phosphate	ton 5,008	487,647	6,630	616,702
Ammonium sulphate	" 39,074	1,796,777	36,365	1,549,949
Amyl acetate	lb. 503,857	86,554	398,867	66,069
Arsenic, white (As ₂ O ₃)	" 11,163	703	43,135	2,576
Asphalt	gal. 764,065	145,810	858,116	156,346
Barium chloride	lb. 515,478	34,545	655,786	44,126
Barium nitrate	" 159,747	17,979	165,074	22,603
Barytes	" 2,116,983	70,569	1,923,777	69,977
Bentonite (filtrol, Pembina, etc.)	ton 1,022	61,828	967	94,969
Benzol ¹	lb. 73,321,807	3,863,074	105,585,414	5,394,447
Bismuth metal	" 41,400	93,196	82,296	236,618
Bismuth salts	" 17,617	57,617	21,185	71,324
Black, lamp, bone and other, n.e.s.	" 214,338	41,789	208,486	45,090
Blanc fixe	" 899,498	35,576	944,393	27,175
Blood, dried	ton 76	7,298	—	—
Bone meal and bone flour	" 66	5,164	—	—
Bones	" 12,273	360,665	14,185	457,866
Borax	lb. 2,273,618	98,629	2,940,627	129,232
Brass rod, strip, etc.	" 7,864,649	3,094,414	7,197,953	2,825,037
Butyl acetate	" 3,821,028	581,090	4,197,407	687,155
Butyl cellosolve	" 226,000	53,412	451,474	109,291
Caffeine	" 31,340	97,643	25,971	75,807
Calcium arsenate	" 301,929	25,547	259,090	21,786
Calcium carbide	" 26,832,870	1,361,770	31,371,996	1,566,682
Calcium carbonate (ground chalk, whiting etc.)	" 30,050,726	522,972	30,931,879	485,159
Calcium chloride	" 3,167,353	69,585	3,829,361	87,533
Calcium sulphate	" 1,969,781	27,887	2,091,787	34,058
Camphor	" 55,682	37,546	58,263	38,651

¹ Includes usage for production of synthetic rubber.

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1955 and 1956 - Continued

Item	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Carbon bisulphide	lb. 5,208,629	313,578	4,922,621	281,043
Carbon black	" 2,009,561	302,166	2,343,905	340,504
Carbon dioxide gas (unpurified)	—	148,512	—	37,180
Carbon tetrachloride	lb. 336,093	38,530	5,461,025	515,588
Casein	" 1,511,750	343,185	1,613,993	399,980
Chalk, precipitated	" 468,374	23,713	382,220	20,773
Charcoal	" 7,102,883	196,905	6,263,079	227,850
Chloride of lime	" 1,576,448	69,530	1,566,706	69,575
Chlorine, liquid	" 16,671,850	616,778	14,812,629	562,908
Coal:				
Anthracite (except for fuel)	ton 38,237	495,678	8,985	132,758
Bituminous (except for fuel)	—	—	—	—
Cobalt acetate	lb. 3,482	4,039	5,678	6,586
Cobalt sulphate	" 2,900	3,280	3,194	3,961
Coke:				
Petroleum (except for fuel)	ton 3,161	55,209	3,019	51,344
Other (except for fuel)	" 324,987	5,694,957	276,368	5,093,384
Colours, chrome	lb. 3,001,208	1,119,821	2,637,749	1,095,348
Copper strip, sheet, etc.	" 1,482,453	442,120	407,252	149,259
Copper sulphate	" 493,760	123,438	375,165	100,827
Copra or dried coconut kernels	" 14,352,000	1,074,712	25,032,540	1,885,299
Cotton linters	" 405,636	42,934	426,048	48,133
Creosote	" 435,403	27,934	287,148	17,883
Cresol (see also creaylic acid)	" 797,582	102,577	858,269	113,038
D.D.T.	" 1,160,572	261,760	683,468	135,943
Dextrine	" 9,129,647	827,161	8,729,768	768,742
Diatomaceous earth	ton 9,166	429,149	8,773	438,932
Dibutyl phthalate	lb. 377,354	121,170	392,140	121,851
Dinitrotoluene	" 456,613	89,053	484,700	89,762
Driers:				
Linoleate	lb. 18,410	6,063	19,421	6,536
Naphthenate	" 2,176,437	620,427	2,144,759	628,716
Resinate	" 27,475	5,755	21,664	4,849
Other	—	188,742	—	184,364
Dyes and colours, other	—	251,915	—	256,914
Electrodes	—	687,100	—	884,110
Ether, sulphuric	lb. 45,450	8,479	57,447	10,483
Ethyl acetate	" 3,971,237	509,234	4,526,138	622,792
Ethylene glycol	" 26,934,093	3,662,793	17,195,820	2,486,957
Feldspar	ton 2,297	37,210	2,231	36,493
Ferric chloride	lb. 36,814	2,714	168,623	9,283
Flaxseed	bu. 3,088,429	9,683,089	3,399,471	12,305,445
Flour:				
Potato	lb. 306,661	22,740	316,765	25,145
Soya bean	" 170	13	6,464	502
Tapioca	" 629,970	61,202	806,231	74,311
Wheat	" 5,193,543	202,517	4,384,388	169,588
Other	" 87,870	8,375	52,740	3,525
Fluorspar	ton 68,592	1,978,468	76,452	2,190,772
Foats, olive and cotton seed	lb. 7,297,852	441,862	4,671,472	307,808
Formaldehyde	" 45,848,186	1,666,828	54,606,162	2,001,739
Fuller's earth	ton 370	19,980	192	8,231
Glucose	lb. 1,770,935	137,842	1,544,535	116,716
Glue	" 3,054,496	727,288	3,004,568	682,352
Glycerine:				
Crude	" 6,050,875	1,247,283	5,228,721	933,688
Refined	" 10,263,208	3,296,247	10,693,462	3,342,703
Graphite	" 822,655	164,750	947,372	233,712
Grease	" 3,904,622	317,576	3,807,837	312,302
Gun powder	" 1,019,089	614,680	977,161	557,948
Herbs, roots and vegetable drugs	—	528,766	—	330,571
Hides and hide trimmings	ton 14,857	240,056	15,159	193,568
Hydrogen chloride, anhydrous	lb. 13,220,544	607,609	12,816,043	507,247

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1955 and 1956 - Continued

Item	1955		1956	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Iodine, crude	lb. 94,269	131,294	75,432	100,141
Iron, scrap	ton 7,324	218,955	5,888	246,964
Iron oxide pigments	lb. 4,595,932	407,762	4,331,533	430,797
Javel concentrate of sodium hypochlorite for dilution	—	106,751	—	92,485
Kaolin or china-clay	lb. 3,527,251	86,780	4,525,913	154,804
Lanolin	" 226,774	95,696	244,043	110,870
Lead arsenate	" 56,115	9,862	11,146	2,165
Lead, basic carbonate, white, dry	" 1,268,904	242,140	1,276,565	252,945
Lead, basic carbonate, white, in oil	" 286,700	59,023	246,137	54,215
Lead, basic sulphate, white	" 288,680	50,120	138,957	27,083
Lead, pig	" 9,366,134	1,304,391	9,223,457	1,266,406
Lead, red	" 996,622	201,206	1,483,792	299,631
Lime:				
Hydrated	ton 21,155	209,459	11,421	95,396
Quick	" 17,747	289,574	21,133	379,341
Land plaster	" 70	1,726	1,208	9,808
Limestone	" 1,057,632	1,932,519	962,986	1,772,481
Litharge	lb. 3,219,309	568,519	3,165,034	583,219
Lithopone	" 3,785,941	334,869	3,689,397	339,528
Lumber	M bd. ft. 176	11,670	124	10,088
Magnesium oxide	ton 1,497	62,614	1,468	57,815
Magnesium sulphate (Epsom salts)	lb. 1,069,634	36,525	1,135,424	41,209
Malt extract	" 360,509	49,529	214,598	30,700
Mead, ivory nut and other	" 3,100,813	77,120	2,759,932	64,539
Menthol	" 22,360	117,541	21,188	123,810
Mercury metal	" 157,822	452,284	196,604	576,779
Methyl chloride	" 2,809,175	343,594	3,123,190	388,496
Mica, ground	" 1,721,152	94,953	1,652,031	98,024
Nitrocellulose or nitro cotton	" 3,195,782	1,032,201	4,792,235	1,597,800
Nitrogen solutions	—	2,521,849	—	2,417,156
Ochres, siennas and umbers	lb. 441,155	55,745	440,056	52,053
Oil:				
Castor	gal. 413,591	537,125	431,674	715,694
Castor, dehydrated	" 114,844	241,699	123,326	298,702
Chinawood (tung)	lb. 4,038,283	986,285	3,861,745	1,012,514
Cocoonut	" 13,931,034	1,810,842	17,466,019	2,255,402
Cod	" 1,046,342	107,917	997,965	109,900
Cod liver	" 472,304	108,021	528,372	116,078
Essential and perfume	—	2,847,327	—	3,737,583
Fish	lb. 1,455,600	140,775	2,126,347	239,175
Linseed:				
Raw	gal. 1,697,560	2,237,575	1,631,358	2,471,513
Boiled and other	" 2,176,029	3,304,917	1,999,721	3,441,977
Polymerol	lb. 645,830	113,512	480,939	114,044
Varnol	" 513,116	107,521	326,233	75,866
Mineral, other	gal. 935,830	261,218	1,690,724	455,782
Mineral, white	lb. 2,547,411	250,258	2,443,067	283,162
Neat's foot	" 475,844	70,068	562,079	95,637
Oiticica	" 95,570	15,977	108,947	19,606
Olive	" 58,530	16,001	60,835	15,817
Palm	" 126,843	14,458	27,870	3,925
Petroleum ink	" 1,300,666	320,264	1,424,323	336,195
Pine	" 512,790	82,196	521,263	86,615
Silicone	" 17,897	69,624	34,065	97,612
Soya bean	gal. 1,455,287	1,954,981	1,429,057	2,171,803
Sperm	lb. 319,996	44,951	—	—
Tall	" 2,715,572	161,756	3,334,495	234,758
Other	—	1,326,314	—	1,557,959
Paradichlorobenzene	lb. 2,306,487	308,876	1,606,353	227,880
Pentastol	" 91,630	14,873	34,938	5,940
Petrolatum	" 1,297,456	122,627	1,130,675	119,894
Petroleum distillates	gal. 8,533,844	3,000,104	8,640,121	3,499,051
Penicillin	—	619,391	—	1,133,822
Phenacetin	lb. 150,042	160,222	218,682	247,722
Phenobarbital and other barbiturates	" 29,147	156,205	28,165	152,615
Phenol	" 20,284,153	3,038,339	26,528,809	4,164,076
Phosphorus, amorphous	" 68,886	29,458	78,075	29,792

TABLE 11. Materials Used in the Industries in the Chemicals and Allied Products Group, 1955 and 1956 -- Continued

Item	1955		1956	
	Quantity	Cost at works \$	Quantity	Cost at works \$
Phosphorous sesquisulphide	lb. 29,240	10,268	30,553	10,805
Phosphate rock	ton 562,845	7,624,636	527,434	7,214,282
Phthalic anhydride	lb. 13,996,761	2,677,067	15,449,987	2,898,771
Pigments, all colours and fillers, n.e.s.	" -	4,649,182	-	3,620,207
Pitch, coal tar	" 2,885,353	100,775	1,723,580	112,292
Plasticizers, n.e.s.	" 3,126,708	1,092,451	2,823,567	1,029,773
Ployvinyl chloride	" 3,841,315	1,341,063	4,241,245	1,098,476
Potassium bichromate	" 264,787	38,004	355,125	59,271
Potassium chlorate	lb. 476,604	52,293	815,830	97,406
Potassium chloride (muriate of potash)	ton 120,909	4,299,379	150,918	4,634,642
Potassium hydroxide	lb. 2,011,177	161,109	2,490,329	195,606
Potassium iodide	" 45,323	70,719	56,487	74,533
Potassium magnesium sulphate	" 3,838,000	57,841	3,620,000	56,975
Potassium nitrate	" 678,634	48,741	619,622	46,853
Potassium perchlorate	" 109,897	18,562	139,196	23,424
Potassium sodium tartrate	" 17,524	4,752	17,798	4,766
Potassium sulphate	" 24,283,183	589,928	26,566,839	656,147
Powders, metallic (bronze, aluminum, etc.)	" 1,127,319	523,506	1,094,761	555,547
Pyrethrum extract and powder	-	14,565	-	6,844
Pyrites	ton 123,819	999,695	162,078	1,233,155
Quartz and quartzite	" 30,787	147,525	39,054	194,370
Quebracho extract	lb. 76,552	10,520	70,763	9,878
Rapeseed	" 18,706,850	739,409	15,694,450	636,120
Resins and gums, natural	" 2,565,933	438,438	2,806,611	599,425
Resins, synthetic, other	" 43,257,077	9,124,704	48,477,461	10,551,312
Resins, phenolic	" 3,197,880	916,348	1,030,694	401,456
Rosin	-	1,156,396	-	1,284,433
Rubber:				
Chlorinated	lb. 200,594	116,472	240,485	132,746
Latex	" 9,452,717	1,543,676	11,392,543	1,882,444
Sawdust	" 1,257,497	13,256	756,775	12,950
Shellac:				
Orange	" 824,873	522,392	265,595	128,406
Bleached	" 770,014	442,452	1,399,769	851,529
Other	" 548,693	324,356	636,143	372,018
Silica sand	ton 69,371	518,232	34,643	449,534
Silver bullion	troy oz. 212,942	186,582	185,672	166,827
Sodium azide	lb. 9,301	11,601	-	-
Sodium benzoate	" 15,986	6,572	18,773	8,239
Sodium bicarbonate	" 2,031,639	70,530	1,914,454	76,945
Sodium bichromate	" 2,370,836	280,771	1,954,077	319,351
Sodium bromide	" 63,496	17,404	40,591	15,138
Sodium carbonate (soda ash)	" 108,360,057	2,326,894	109,146,717	2,700,274
Sodium carboxymethylcellulose	" 648,985	176,481	781,955	191,067
Sodium chlorate	" 3,440,574	297,788	3,557,549	303,049
Sodium chloride (brine)	" 1,093,261,400	998,415	1,040,831,700	1,012,722
Sodium chloride (common salt)	" 481,414,543	2,566,212	540,933,619	2,791,271
Sodium fluoride	" 347,479	39,107	411,019	46,929
Sodium hydroxide (caustic soda)	" 101,591,350	3,454,366	102,829,832	3,749,368
Sodium metasilicate	" 2,710,561	136,645	2,941,489	145,792
Sodium nitrate (chile saltpetre)	" 35,044,766	1,005,252	39,474,732	1,133,244
Sodium peroxide	" 59,031	11,863	93,139	18,912
Sodium phosphate (di)	" 1,851,811	180,893	1,716,772	149,727
Sodium phosphate (tetra)	" 105,000	11,164	579,214	58,438
Sodium phosphate (tri)	" 7,680,867	446,861	8,375,933	522,171
Sodium salicylate	" 12,428	7,463	16,382	9,750
Sodium silicate (water glass)	" 24,852,098	370,663	26,767,526	422,238
Sodium sulphate	" 3,183,955	80,378	2,778,961	70,495
Sodium sulphide	" 151,377	7,099	182,111	9,159
Solvents, n.e.s.	gal. 3,534,533	2,389,145	3,415,731	1,901,080

TABLE II. Materials Used in the Industries in the Chemicals and Allied Products Group, 1955 and 1956 -- Concluded

Item	1955		1956		
	Quantity	Cost at works \$	Quantity	Cost at works \$	
Soya beans	lb.	670,163,830	28,617,320	466,179,600	20,356,382
Starch:					
Corn	"	2,068,808	164,999	2,753,445	206,812
Other	"	737,544	63,633	821,731	67,532
Strontium carbonate	"	1,845	915	—	—
Strontium nitrate	"	692,847	83,072	885,486	106,727
Strontium oxalate	"	220	155	—	—
Strychnine	"	689	8,350	372	4,278
Sugar	"	4,751,524	368,146	5,110,640	402,228
Sulpha drugs	—	—	534,510	—	559,043
Sulphur (elemental)	ton	88,594	3,355,227	114,092	4,530,757
Sulphur dioxide	—	—	744,660	—	885,877
Sunflower seed	lb.	12,735,010	520,803	11,284,570	458,266
Superphosphate:					
18%	ton	29,148	633,006	41,076	932,611
20%	"	284,031	6,921,746	258,939	6,430,075
38-48%	"	33,236	1,983,500	41,316	2,129,510
Ammoniated, 3-18-0	"	549	20,185	3,648	101,459
Talc	lb.	28,788,862	559,180	24,860,202	556,505
Tallow, grease and other soap stock	"	93,156,809	6,515,225	94,314,303	6,729,144
Tankage	ton	279	12,718	—	—
Tar:					
Crude, coal	gal.	38,171,929	5,511,020	45,855,627	6,082,567
Water gas, crude	"	1,954,165	254,430	1,471,968	189,134
Tetrayl	lb.	14,700	13,378	400	364
Titanium pigments, white	"	23,566,779	5,856,644	25,750,669	6,852,275
Titanium oxide, extended	"	27,871,290	2,752,536	29,197,887	3,072,693
Toluol	"	15,379,635	797,411	17,738,146	934,025
Trichlorethylene	"	87,034	12,014	94,904	14,172
Trinitrotoluol (T.N.T.)	"	714,609	135,960	606,760	110,752
Turpentine	gal.	310,382	257,355	359,130	283,882
2, 4-D	lb.	905,547	504,349	1,058,459	478,879
Urea crystals	"	7,144,418	417,716	9,758,754	526,856
Varnishes	gal.	749,489	1,358,878	924,549	1,554,690
Vitamins (A, B, C and D)	—	—	1,290,406	—	1,106,249
Wax:					
Beeswax	lb.	371,786	243,258	347,475	251,867
Candelilla	"	57,992	39,909	58,086	37,227
Carnauba	"	1,634,251	1,277,156	1,543,318	1,187,577
Ouricury	"	74,395	65,687	71,051	55,143
Paraffin, including slack wax	"	42,277,303	1,950,866	50,022,136	2,226,295
Synthetic	"	168,244	69,568	220,108	112,914
Other	"	3,173,364	674,605	2,026,116	732,512
Wood:					
Blocks and splints	—	—	790,689	—	765,995
Flour	lb.	2,765,060	66,642	3,052,295	75,796
Hardwood for distillation	cord	17,994	240,871	23,137	230,503
Pulp	lb.	43,370,297	4,334,055	43,812,886	4,284,592
Xylol	"	8,184,873	443,806	14,284,593	773,469
Yams	"	764,745	338,990	839,577	383,197
Zinc dross	"	2,092,093	167,288	1,567,597	155,777
Zinc oxide:					
Pure	"	5,742,987	777,713	5,895,213	879,457
Leaded	"	1,189,065	173,239	832,660	139,251
Zinc spelter	"	15,556,160	1,646,046	15,541,982	2,161,386
Zinc stearate	"	22,584	10,327	73,889	31,371
Zinc sulphate	"	81,117	4,285	94,105	5,793
Containers and packing material	—	—	63,162,860	—	65,956,918
All other materials	—	—	165,146,151	—	201,911,530
Total	—	—	480,104,190	—	527,564,227

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group, 1955 and 1956

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	1955		1956	
	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.	159,005,717	5,372,647	185,203,392
Acid:		.		.
Acetic, glacial, 99% .....		.		.
Crotonic .....		.		.
Fatty, other	6,321,439	870,977	6,359,145	822,109
Hydrochloric (muriatic):		.		.
Commercial .....		.		.
C.P. ....		.		.
Hydrofluosillicic .....		.		.
Monochloro acetic .....		.		.
Nitric:		.		.
Commercial .....		.		.
C.P. ....		.		.
Oleic .....		.		.
Phosphoric .....		.		.
Stearic .....		.		.
Sulphuric:		.		.
Commercial, 100% (for sale)	lb.	1,699,156,099	10,082,671	1,814,387,287
C.P. ....		.		.
Aluminum chloride .....		.		.
Aluminum fluoride .....		.		.
Aluminum stearate .....		.		.
Aluminum sulphate .....		.		.
Ammonia:		.		.
Anhydrous .....		.		.
Aqua .....		.		.
Ammonia powder	lb.	1,581,268	138,666	1,522,381
Ammonium chloride .....		.		.
Ammonium hydroxide:		.		.
Commercial .....		.		.
C.P. ....		.		.
Ammonium nitrate:		.		.
Regular .....		.		.
Fertilizer compound .....		.		.
Ammonium phosphate (fertilizer) .....		.		.
Ammonium sulphate (fertilizer) .....		.		.
Ammonium sulphate (milled, screened and bagged only)	ton	639	40,807	265
Anesthetics, other	—	—	.	.
Aniline oil	—	—	.	.
Anti-freeze preparations	Imp. gal.	2,003,487	3,600,657	2,489,408
Automobile chemicals (brake fluid, tar remover, etc.)	—	—	2,359,020	—
Biological preparations and vaccines	—	—	4,423,808	—
Boiler compounds	—	—	3,117,378	—
Bone meal:		.		.
Raw	lb.	2,668,113	119,121	3,022,000
Steamed	"	4,378,000	148,141	5,910,000
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, 1955 and 1956 - Continued

Item	1955		1956	
	Quantity	Selling value at works	Quantity	Selling value at works
Carbon dioxide (In cylinders and solid)		\$		\$
Carboxymethylcellulose .....		.		.
Cellulose film .....		.		.
Cellulose sponges .....		.		.
Cement:				
Linoleum	gal. 997,057	602,243	1,041,006	516,920
Rubber	" 158,880	398,208	227,884	543,814
Other	—	205,443	—	258,028
Charcoal	ton 7,478	375,884	14,735	955,202
Chloride of lime	lb. 505,478	71,978	628,825	72,324
Chlorine liquid or gas	" 199,093,015	6,249,498	229,689,171	7,283,875
Chloroform .....		.		.
Cleaners:				
Toilet bowl	lb. 2,983,918	283,102	3,901,909	362,302
Drain pipe	" 1,290,491	205,646	1,481,478	258,672
Hand	" 4,481,192	635,430	4,300,688	756,709
Glass	—	247,886	—	218,073
Cleaning and scouring powder and paste	lb. 34,594,687	5,081,482	40,607,033	5,930,200
Cleaning preparations, other	—	3,709,684	—	3,092,538
Cobalt naphthenate .....		.		.
Coke, pitch .....		.		.
Colours:				
Butter, cheese, etc. ....		.		.
Dry	—	2,882,440	—	3,287,628
In oils and japans	gal. 48,835	361,696	59,685	310,233
Copper naphthenate .....		.		.
Croton aldehyde .....		.		.
Cresol .....		.		.
Cryolite .....		.		.
D.D.T. products	—	1,200,661	—	434,468
Dentifrices, liquid, powder and paste	—	6,023,643	—	9,027,361
Detergents, synthetic	lb. 138,156,180	36,573,027	155,564,694	42,406,807
Dextrines .....		.		.
Dibutyl phthalate .....		.		.
Dichloroethyl ether .....		.		.
Dicyandiamide .....		.		.
Diocetyl phthalate .....		.		.
Disinfectants and deodorants (except for personal use)	—	1,608,711	—	2,066,850
Dressings and finishes, leather, except polish	—	1,517,739	—	1,475,344
Dyes:				
Leather	—	24,203	—	24,609
Embalming fluid	—	201,106	—	241,455
Ethyl acetate .....		.		.
Ethylene oxide .....		.		.
Ethylene dichloride .....		.		.
Explosives and ammunition .....		.		.
Ferric chloride .....		.		.
Ferrophosphorus .....		.		.
Fertilizers, mixed	ton 680,936	32,773,787	697,342	34,042,502
Flavouring extracts	—	477,207	—	452,562
Flour bleaching compound .....		.		.
Fluorspar, flotation .....		.		.
Glue:				
Bone and hide	lb. 8,847,746	2,173,614	9,239,593	2,261,877
Casein	" 392,976	112,763	686,051	199,521
Fish	"	295,980	—	255,798
Flexible	" 2,363,193	583,759	2,716,358	630,861
Synthetic resin	" 31,367,909	4,060,717	36,431,963	4,939,431
Vegetable, dry	" 2,433,260	306,184	2,859,341	353,641
Vegetable, liquid	" 18,638,962	2,147,512	20,367,789	2,144,228
Other	"	123,288		764,117
Glycerine:				
Crude	" 1,409,092	322,977	1,580,489	252,617
Refined	" 11,260,069	3,652,250	11,770,053	3,751,004
Glycols:				
Ethylene .....		.		.
Diethylene .....		.		.
Triethylene .....		.		.

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group,
1955 and 1956 - Continued

Item	1955		1956	
	Quantity	Selling value at works \$	Quantity	Selling value at works \$
Guanidine nitrate .....		.		.
Hydrogen chloride, anhydrous .....		.		.
Hydrogen peroxide, liquid .....		.		.
Inks:				
Newspaper	lb. 15,641,953	1,576,795	16,438,218	1,649,221
Letterpress	" 7,121,935	6,702,434	7,355,867	7,044,543
Lithographing	" 2,172,744	3,052,513	2,404,851	3,283,383
Stamping	" 106,000	121,300	113,756	132,659
Other printing	" 3,385,708	1,329,973	3,821,436	1,585,820
Writing:				
Liquid	-	348,005	-	338,521
Powder and pellets	-	40,230	-	46,579
Insecticides, other:				
Agricultural dusts and sprays, not specified elsewhere	-	2,178,453	-	916,432
Fly spray	-	406,785	-	147,090
Gopher poison	-	2,159	-	2,509
Rat and mouse poison	-	273,023	-	239,435
Other household	-	2,882,441	-	1,663,810
Livestock spray and powder	-	375,417	-	89,752
Iron oxide pigments, synthetic .....		.		.
Iron naphthenate .....		.		.
Isobutylene .....		.		.
Javel water	-	8,384,549	-	8,980,842
Lacquers	gal. 2,654,330	8,156,415	2,711,145	8,502,159
Lead acetate .....		.		.
Lead arsenate .....		.		.
Lead naphthenate .....		.		.
Lead oxide:				
Red .....		.		.
Litharge .....		.		.
Lead, white:				
Dry .....		.		.
Ground in oil .....		.		.
Lecithin .....		.		.
Lighter fluid	-	269,826	-	248,961
Magnesium stearate .....		.		.
Manganese naphthenate .....		.		.
Matches:				
In books	No. of books 457,183,600	1,715,036	498,560,035	2,183,092
Other	-	2,570,038	-	3,789,641
Medicinals and pharmaceuticals, other	-	72,598,689	-	81,561,791
Muriate of potash (fertilizer):				
Milled, screened and bagged only	ton 3,224	181,109	2,535	141,253
Naphthalene .....		.		.
Nickel salts .....		.		.
Nitrous oxide .....		.		.
Nitrobenzol .....		.		.
Oil, sulphonated:				
Castor	lb. 706,011	129,449	609,890	99,295
Cocoanut	" 201,770	25,864	290,310	43,498
Cod	" 1,138,983	91,307	388,191	48,106
Neat's foot	" 328,713	60,275	196,913	37,344
Other blends	" 2,557,327	274,077	3,506,138	369,074
Oil:				
Castor, dehydrated .....		.		.
Cocoanut, crude .....		.		.
Core .....		.		.
Creosote	gal. 10,240,525	2,804,106	9,630,724	2,613,026
Lard .....		.		.
Linseed:				
Boiled	gal. 424,288	585,394	392,996	669,791
Processed	" 2,831,218	3,491,036	2,808,327	4,293,329
Raw (sold as such)	" 3,164,444	3,306,206	3,782,936	4,859,130
Neat's foot, cold-pressed .....		.		.
Soya bean, crude	ton 51,151	14,455,610	37,884	10,684,726
Soya bean, processed	ton 1,204	358,263	2,430	697,106
Stand, blown and enamel	gal. 51,590	54,218	52,761	54,343
Sunflower, crude .....		.		.
Other	-	1,376,352	-	2,745,401
Oilcake and oilcake meal:				
Cocoanut .....		.		.
Linseed	ton 44,875	3,741,366	57,808	4,385,313
Soya bean	" 279,069	20,131,457	185,424	12,334,010
Sunflower .....		.		.

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group,
1955 and 1956 - Continued

Item	1955		1956		
	Quantity	Selling value at works \$	Quantity	Selling value at works \$	
Oxygen in cylinders or delivered by pipeline	cu. ft.	797,802,832	6,823,950	1,021,658,801	8,873,101
Paint:					
Paste paints (not including water-paste paints)	lb.	2,437,806	595,499		
Water-thinned paints:					
Resin emulsion paints, paste and semi-paste form:					
Interior	Imp. gal.	127,098	441,249		
Exterior	"	11,445	34,979		
Cold water paints:					
Interior, casein and protein bound:					
Dry and semi-paste form	Imp. gal.	20,597	43,616		
Dry powder form	lb.	990,805	108,215		
Glue bound	"	227,843	20,878		
Exterior:					
Casein and protein bound	"	280,109	39,435		
Lime or cement bound	"	1,834,518	291,384		
Texture-type water paints	"	1,144,158	101,065		
Calcimines:					
Hot water	"	797,211	105,742		
Cold water	"	168,490	19,284		
Ready-mixed paints and enamels	gal.	19,809,391	77,456,505		
Paint and varnish remover		128,093	348,958		
					Not available in this breakdown in 1956
Paint:					
Paste paints (not including water-paste paints)	lb.			2,570,561	632,963
Semi-paste paints (not including water-thinned type)	Imp. gal.			18,656	65,272
Ready mixed paints and enamels -					
Exterior type	"			8,701,661	34,104,517
Interior type	"			11,432,806	47,600,491
Water-thinned paints and enamels					
Latex base emulsion paints	Imp. gal.			2,460,110	9,810,333
Resin and other bases emulsion paints (paste and semi-paste)				439,702	1,384,808
Casein and other protein bound, glue bound					
Dry	lb.			1,245,743	165,667
Paste and semi-paste	Imp. gal.			27,826	63,675
Plastic texture, paste and dry	lb.			271,230	33,453
Calcimines	"			461,858	38,829
Lime and cement bound	"			1,741,535	245,854
Other water-thinned paints	"			956,476	206,112
Insulating varnishes, electrical types	Imp. gal.			794,163	931,428
Dyes, cellulose nitrate and other dopes				17,000	46,857
Paint and varnish remover	Imp. gal.			149,749	377,743
Paraldehyde					
Parathion					
Paste:					
Dry powder	-		232,612	-	226,384
Liquid, including mucilage	-		262,860	-	423,535
Penicillin					
Penicillin preparations	-		2,251,097	-	2,956,332
Pentazol acetate					
Perchloroethylene					
Phenol					
Phenothiazine					
Phosphorus:					
Amorphous					
Yellow					
Phenacetin					
Phosphorous sesquisulphide					
Phthalic anhydride					
Patching material:					
For walls	lb.	6,615,021	615,675	5,412,023	522,928
For floors	"	168,958	25,803	418,465	76,192
Pitch, coal tar	ton	118,649	4,679,193	142,284	5,860,122
Polish:					
Automobile (including wax)	-		496,521	-	563,182
Brass	-		80,760	-	94,639
Furniture	-		1,188,333	-	1,202,091
Shoe and shoe dressing	-		1,120,399	-	1,129,082
Silver	-		161,787	-	217,088
Stove	-		55,101	-	53,614
Other	-		410,545	-	444,212
Polyethylene film					
Polyvinyl alcohol					
Potassium chlorate					
Putty	lb.	12,218,139	858,586	12,581,311	1,006,711
Railway signal bombs and signal boxes	-				

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group,
1955 and 1956 - Continued

Item	1955		1956	
	Quantity	Selling value at works \$	Quantity	Selling value at works \$
Resins, synthetic:				
Alkyd (for sale)	-	5,478,582	-	5,097,158
Casein .....	.	.	.	.
Cellulose acetate .....	.	.	.	.
Phenol-formaldehyde .....	.	.	.	.
Polystyrene .....	.	.	.	.
Urea-formaldehyde .....	.	.	.	.
Vinyl acetate .....	.	.	.	.
Vinyl chloride .....	.	.	.	.
Rollers, printers'	-	669,200	-	956,999
Rust preventives	-	673,722	-	655,629
Rubber plasticizers and accelerators .....	.	.	.	.
Rubber, synthetic	lb. 229,735,117	54,276,468	271,802,643	63,325,060
Sex hormones	-	2,475,971	-	2,547,135
Size	-	1,390,720	-	1,857,295
Soap:				
Castile:				
Boiled	lb. 363,871	86,867	840,553	216,803
Cold-pressed	" 530,356	135,019		
Chips and flakes:				
Household packages	" 7,478,515	1,601,670	7,354,037	1,975,650
Bulk (including textile and mill)	" 15,085,327	1,948,691	14,058,736	1,671,790
Laundry, bar:				
Household:				
White	" 2,720,623	347,143	2,072,747	264,299
Yellow	" 15,854,515	2,728,957	14,631,625	2,526,723
Liquid	" 12,924,094	1,725,562	12,288,732	1,718,590
Powder:				
Household packages	" 43,429,156	9,143,252	41,951,917	9,311,602
Bulk	" 10,292,907	1,397,078	10,160,463	1,400,880
Shaving cream:				
Lather	" 1,058,163	1,573,406	1,055,553	1,548,139
Brushless	" 293,564	318,992	289,858	371,316
Other	" 270,735	327,919	207,868	319,372
Soft, paste and jelly	" 3,881,887	410,665	2,945,444	329,995
Toilet, bar	" 40,678,718	12,110,024	42,354,841	12,646,628
Other	" 3,517,428	442,779	3,390,226	400,890
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. 311,919,526	9,081,006	345,698,374	10,531,248
Sodium hypochlorite .....	.	.	.	.
Sodium (di) phosphate .....	.	.	.	.
Sodium (tetra) phosphate, anhydrous .....	.	.	.	.
Sodium (tri) phosphate .....	.	.	.	.
Sodium (mono) phosphate .....	.	.	.	.
Sodium metabisulphite .....	.	.	.	.
Sodium silicate .....	.	.	.	.
Sodium stearate .....	.	.	.	.
Sodium sulphate (saltcake) .....	.	.	.	.
Sodium sulphamethazine .....	.	.	.	.
Sodium sulphite, anhydrous .....	.	.	.	.
Sodium thiosulphite .....	.	.	.	.
Sodium tripolyphosphate .....	.	.	.	.
Soldering flux .....	.	.	.	.
Stains (oil spirit, varnish, etc.)	gal. 346,691	930,629	320,136	943,332
Starches, blended .....	.	.	.	.
Stearine .....	.	.	.	.
Streptomycin .....	.	.	.	.
Streptomycin preparations	-	150,727	-	136,274

TABLE 12. Alphabetical List of Products Made in the Industries in the Chemicals and Allied Products Group, 1955 and 1956 - Concluded

Data	1955		1956	
	Quantity	Selling value at works	Quantity	Selling value at works
Sulphur dioxide, liquid		\$.		\$.
Styrene .....		.		.
Superphosphate fertilizer:		.		.
Actually made .....		.		.
Milled, screened and bagged, only	ton 13,584	498,972	16,541	601,785
Sweeping compounds	-	797,657	-	859,147
2-ethylhexanol .....		.		.
Tankage	ton 403	2,014	323	1,625
Tanners' bate .....		.		.
Tar, refined	gal. 4,380,369	897,497	3,816,392	809,979
Textile and leather finishes	-	3,546,025	-	3,860,764
Thinners, for lacquers, paints and enamels	gal. 2,500,377	3,366,551	2,610,925	3,495,526
Tollet preparations (except dentifrices)	-	36,205,082	-	43,426,080
Trichlorethylene, crude .....		.		.
Turpentine .....		.		.
Toluene .....		.		.
Vanillin .....		.		.
Varnishes (Japans, shellac, etc.)	gal. 3,188,257	8,128,931	4,294,539	9,438,686
Veterinary medicines	-	2,058,769	-	2,198,806
Vinyl acetate .....		.		.
Vitamin preparations	-	13,421,261	-	14,138,965
Washing blue .....		.		.
Washing compounds, other	-	1,086,911	-	2,157,102
Wax, floor:				
Paste	lb. 8,730,584	3,094,465	9,555,703	3,478,997
Liquid	gal. 899,575	1,634,743	1,234,350	2,093,583
Self-polishing	" 2,816,787	7,727,797	3,048,391	8,397,482
Wax, sealing .....		.		.
Wax, paraffin, refined .....		.		.
Wood killer	-	1,820,635	-	2,092,444
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)	-	439,691,759	-	443,982,053
Total	-	1,044,079,000	-	1,111,233,404

TABLE 13. Imports into Canada and Exports of Chemicals and Allied Products, 1920-1956
 (Values in 000's 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
(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	6,343	20.7	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	84,508	61.4
1954	181,293	15,676	9.8	85,910	53.3
1955	210,040	19,945	9.5	111,724	53.2
1956	228,631	21,283	7.4	130,752	45.3

TABLE 14. Fuel and Electricity Used in the Manufacture of Chemicals and Allied Products in Canada, by Industries and by Provinces, 1956

No.	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.
1	(a) By industries						
1	Acids, alkalis and salts:						
1	Quantity	30,500	298,079	—	3,787	—	343,691
2	Cost	357,119	2,777,678	—	61,078	7,565	119,914
3	Fertilizers:						
3	Quantity	4,945	43,532	—	49	—	284,193
4	Cost	47,219	401,445	—	1,019	1,736	92,924
5	Medicinals and pharmaceuticals:						
5	Quantity	1,035	5,778	54	271	116	149,264
6	Cost	14,613	69,702	877	4,284	667	63,753
7	Paints and varnish:						
7	Quantity	1,100	3,947	—	386	605	229,633
8	Cost	14,529	45,399	—	5,968	3,687	89,444
9	Primary plastics:						
9	Quantity	34,125	4,453	—	—	—	74,983
10	Cost	384,422	47,471	—	—	—	27,177
11	Soaps, washing compounds and cleaning preparations:						
11	Quantity	427	60,506	—	1,432	312	152,491
12	Cost	5,797	586,508	—	20,184	2,096	66,676
13	Toilet preparations:						
13	Quantity	100	1,564	—	160	—	32,309
14	Cost	1,350	20,278	—	2,211	—	13,409
15	Vegetable oils:						
15	Quantity	915	15,165	—	—	1,129	33,146
16	Cost	10,027	142,901	—	—	6,483	14,229
17	Inks:						
17	Quantity	30	1,263	—	10	—	77,356
18	Cost	659	16,106	—	250	—	32,133
19	Adhesives:						
19	Quantity	7,779	17,328	—	—	—	85,290
20	Cost	81,712	185,146	—	—	545	29,891
21	Polishes and dressings:						
21	Quantity	24	1,396	—	—	—	57,025
22	Cost	429	19,583	—	—	1,219	20,932
23	Compressed gases:						
23	Quantity	434	453	—	—	—	181,528
24	Cost	6,150	5,929	—	—	—	68,150
25	Coal tar distillation:						
25	Quantity	—	13,901	19	930	—	49,241
26	Cost	—	147,206	115	10,895	—	19,859
27	Miscellaneous chemical products:						
27	Quantity	29,091	575,563	—	242	462	425,508
28	Cost	320,331	4,198,049	—	2,442	2,892	125,592
29	Total, 1956:						
29	Quantity	110,555	1,042,931	73	7,267	2,624	2,175,738
30	Cost	1,244,357	8,663,402	992	109,331	15,825	784,157
	(b) By provinces						
31	Newfoundland:						
31	Quantity	—	—	—	—	—	1,475
32	Cost	—	—	—	—	—	709
33	Prince Edward Island:						
33	Quantity	—	—	—	—	—	14,000
34	Cost	—	—	—	—	—	4,969
35	Nova Scotia:						
35	Quantity	869	—	—	—	3	22,876
36	Cost	10,731	—	—	—	55	8,346
37	New Brunswick:						
37	Quantity	105	—	—	—	76	27,021
38	Cost	1,378	—	—	—	1,519	7,733
39	Quebec:						
39	Quantity	90,553	19,194	—	4,229	—	598,385
40	Cost	1,038,952	195,973	—	67,686	3,893	218,127
41	Ontario:						
41	Quantity	15,436	1,022,854	—	3,013	1,244	1,345,838
42	Cost	162,885	8,453,441	—	41,295	22,607	481,250
43	Manitoba:						
43	Quantity	172	573	19	25	113	25,891
44	Cost	2,514	10,144	115	350	2,284	10,504
45	Saskatchewan:						
45	Quantity	143	—	—	—	—	9,245
46	Cost	1,691	—	—	—	—	3,740
47	Alberta:						
47	Quantity	155	—	—	—	—	43,156
48	Cost	1,426	—	—	—	—	15,001
49	British Columbia:						
49	Quantity	3,122	310	54	—	—	87,851
50	Cost	24,780	3,844	877	—	—	33,778
51	Yukon:						
51	Quantity	—	—	—	—	—	—
52	Cost	—	—	—	—	—	—
53	Total, 1956:						
53	Quantity	110,555	1,042,931	73	7,267	2,624	2,175,738
54	Cost	1,244,357	8,663,402	992	109,331	15,825	784,157

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, 1956

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.	Imp. gal.	kwh.	\$			
5,659	9,366,571	—	36,815	380,373	7,039,740	—	2,688,415,436	119,694,076	—	1
1,257	1,005,354	—	10,384	292,025	863,187	394,954	11,337,802	—	17,194,313	2
—	611,240	—	90	420	30,520	—	1,166,783,065	—	—	3
—	70,994	—	29	330	6,128	12,488	2,056,084	—	2,700,397	4
—	3,615,390	—	7,999	16,471	14,648	—	27,696,744	—	—	5
—	395,516	—	2,197	15,629	16,344	34,384	306,047	—	924,013	6
3,382	3,279,690	6	12,028	3,550	19,639	—	24,132,826	122,550	—	7
702	402,026	84	2,738	4,167	22,479	21,577	348,594	—	969,925	8
1,059	2,123,417	—	80,093	6,119	2,300,211	—	89,338,591	12,366,056	—	9
286	213,481	—	13,471	5,961	314,716	215,727	480,372	—	1,703,034	10
—	1,280,348	14	23,128	3,307	90,257	—	35,268,976	1,024,560	—	11
—	165,494	139	5,421	3,333	59,923	61,195	340,236	—	1,325,218	12
—	347,141	—	1,000	60	2,918	—	3,433,435	—	—	13
—	50,613	—	897	63	3,387	6,995	58,474	—	157,682	14
—	1,081,934	—	—	—	12,900	—	21,570,359	—	—	15
—	110,753	—	—	—	4,388	30,506	203,461	—	522,743	16
1,921	149,179	—	—	282	2,390	—	3,010,344	—	—	17
546	24,336	—	—	559	2,859	154	67,328	—	145,430	18
—	362,849	20	—	1,679	—	—	4,465,830	1,440,000	—	19
—	48,480	454	—	1,986	—	11,241	52,783	—	412,238	20
—	307,892	—	350	2,060	1,971	—	2,788,032	—	—	21
—	44,670	—	175	2,095	2,182	7,247	36,304	—	134,893	22
—	572,111	—	—	1,242	13,900	—	72,606,580	—	—	23
—	91,723	—	—	1,313	4,905	4,711	515,206	—	698,097	24
—	3,501,334	—	—	205,402	—	—	12,455,971	—	—	25
—	366,308	—	—	66,415	—	—	93,027	—	703,832	26
35,796	11,672,851	4,610	45,772	4,543,316	176,906	—	84,537,964	113,560,930	—	27
8,307	1,256,818	34,823	12,389	2,036,296	43,513	115,127	836,913	—	9,047,062	28
47,817	38,272,547	4,650	206,975	5,164,381	9,706,100	—	4,236,506,163	245,208,172	—	29
11,098	4,257,571	35,500	47,701	2,390,173	1,349,014	916,327	16,783,131	—	36,638,937	30
—	50,181	—	800	—	—	—	412,348	—	—	31
—	8,323	—	345	—	—	—	11,254	—	0,631	32
—	—	—	—	—	—	—	139,500	—	—	33
—	—	—	—	—	—	—	3,846	—	8,815	34
—	635,944	—	150	—	—	—	2,723,204	—	—	35
—	77,421	—	66	—	—	30	57,495	—	154,144	36
—	301,657	—	—	—	—	—	2,115,874	—	—	37
—	28,931	—	—	—	—	950	42,943	—	83,514	38
11,485	19,372,852	40	31,375	385,511	3,439	—	1,528,726,039	61,909,407	—	39
2,971	2,022,051	654	9,607	207,987	3,696	147,758	6,093,188	—	10,012,543	40
33,661	15,527,935	4,599	109,809	4,777,385	191,569	—	1,572,252,924	140,542,123	—	41
7,511	1,977,024	34,747	28,415	2,180,701	161,724	731,671	8,544,940	—	22,828,211	42
—	408,897	—	—	326	420	—	6,293,184	—	—	43
—	34,913	—	—	394	420	10,452	87,163	—	175,078	44
—	22,888	—	—	—	10,400	—	1,191,049	—	—	45
—	1,983	—	—	—	3,641	1,070	19,108	—	31,233	46
200	10,812	—	—	—	9,499,982	—	188,570,360	42,659,092	—	47
43	1,430	—	—	—	1,179,125	2,030	1,003,759	—	2,202,874	48
2,471	934,714	11	64,541	1,159	290	—	933,700,001	97,550	—	49
572	103,960	39	9,258	1,091	408	22,366	911,168	—	1,112,212	50
—	6,666	—	—	—	—	—	381,680	—	—	51
—	1,415	—	—	—	—	—	8,267	—	9,692	52
47,817	38,272,547	4,650	206,975	5,164,381	9,706,100	—	4,236,506,163	245,208,172	—	53
11,098	4,257,571	35,500	47,701	2,390,173	1,349,014	916,327	16,783,131	—	36,638,937	54



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010681667