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CANADA

# THE GLASS AND GLASS PRODUCTS INDUSTRY 1954



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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, \$1.50
- II - The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 25¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 25¢
  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢

- 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 XVI, Non-metallic Mineral 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, 25¢
- B - The Artificial Abrasives Industry, 25¢
- C - The Asbestos Products Industry, 25¢
- P - The Cement Manufacturing Industry (also in Mining), 25¢
- D - The Concrete Products Industry, 25¢
- E - The Glass and Glass Products Industry, 25¢
- K - The Gypsum Industry (also in Mining), 25¢
- Q - The Clay and Clay Products Industry (also in Mining), 25¢
- R - The Lime Industry (also in Mining), 25¢
- M - The Salt Industry (also in Mining), 25¢
- T - The Stone Industry (also in Mining), 25¢
- G - The Miscellaneous Non-metallic Mineral Products Industry, 25¢

# THE GLASS AND GLASS PRODUCTS INDUSTRY

1954

Factory shipments from the glass industry in Canada amounted in value to \$67,988,201 during 1954, a decrease of 6.7 per cent from the \$72,910,166 reported for 1953. Imports of glass and glassware amounted to \$33,570,483 compared with \$37,112,273 in 1953 and exports totalled \$1,368,062 in 1954 compared with the 1953 total of \$1,982,805.

One hundred and seventeen factories were occupied in the production of glass and glass products during 1954. These establishments gave employment to a total of 7,526 persons who were paid \$24,698,809 in salaries and wages. Fuel and electricity cost \$4,315,580 and expenditures for materials to be used in manufacturing processes amounted to \$26,606,278.

Pressed, blown and drawn glass was produced in 10 plants, including 3 in Quebec, 5 in Ontario and 2 in Alberta. This branch of the industry had an output worth \$42,285,363 in 1954 as against \$44,348,405 in 1953. Production consisted of bottles and jars, ovenware, sheet and window glass, no plate glass being made in Canada.

The cutting, bevelling and ornamental section of this industry included all plants which were occupied in bevelling, cutting or working glass to produce mirrors, bevelled or polished edge plate glass, laminated and other safety glass, cut glassware, chemical glassware, glass signs, show cases, prismatic glassware, etc. The number of plants operating in this group was 107 distributed across Canada as follows: 57 in Ontario, 34 in Quebec, 4 in Manitoba, 1 in New Brunswick, 1 in Nova Scotia, 1 in Newfoundland and 1 in Alberta. Factory shipments from these works were valued at \$25,702,838 in 1954, a drop of 10 per cent from the 1953 production of \$28,561,761.

Note: Figures for value added by manufacture shown in Table 1 prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952, the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954, information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figure for 1954.

TABLE 1. Principal Statistics of the Glass and Glass Products Industry, Significant Years 1929-1954, and by Provinces, 1953 and 1954

Year and province	Estab-lish-ments	Em-ployees	Earnings	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross selling value of products <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1929 .....	60	3,948	4,740,676	1,323,150	5,355,156	8,829,136	15,507,442
1933 .....	66	2,597	2,586,370	717,701	2,950,309	4,162,785	7,830,795
1937 .....	77	3,799	4,289,031	1,030,993	5,768,738	7,637,519	14,437,250
1939 .....	73	3,372	3,948,603	888,316	4,559,732	7,081,002	12,529,050
1945 .....	103	5,830	9,043,864	1,866,240	10,467,286	15,947,871	28,281,397
1946 .....	114	5,921	9,278,360	1,863,561	10,583,240	15,158,454	27,605,255
1949 .....	102	5,854	13,126,027	2,858,765	16,607,403	22,932,161	42,398,329
1950 .....	106	6,444	15,632,414	3,205,790	19,198,095	27,255,248	49,659,133
1951 .....	113	6,527	17,660,204	3,542,633	20,551,774	30,818,885	54,913,292
1952 .....	114	6,516	19,102,882	3,892,431	22,192,757	32,694,612	58,779,800
1953							
Quebec .....	38	2,825	8,353,418	1,833,881	8,303,809	14,003,462	24,141,152
Ontario .....	61	4,377	14,863,829	2,276,404	17,446,190	22,591,381	42,313,975
British Columbia .....	9	97	233,782	10,190	212,372	276,159	498,721
Other provinces .....	10	531	1,527,818	112,449	2,590,427	3,253,442	5,956,318
<b>Canada .....</b>	<b>118</b>	<b>7,830</b>	<b>24,978,847</b>	<b>4,232,924</b>	<b>28,552,798</b>	<b>40,124,444</b>	<b>72,910,166</b>
1954							
Quebec .....	37	2,568	8,279,543	1,762,931	8,047,344	11,324,898	20,701,198
Ontario .....	62	4,319	14,539,686	2,436,711	15,967,270	23,812,876	41,876,657
British Columbia .....	9	69	172,797	6,996	155,980	218,460	381,436
Other provinces .....	9	570	1,706,783	108,942	2,435,684	2,687,273	5,028,910
<b>Canada .....</b>	<b>117</b>	<b>7,526</b>	<b>24,698,809</b>	<b>4,315,580</b>	<b>26,606,278</b>	<b>38,043,507</b>	<b>67,988,201</b>

1. See footnote to text.

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Inventories<sup>1</sup> 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
<b>Opening:</b>				
Quebec .....	1,947,866	96,041	2,349,930	4,393,837
Ontario .....	4,942,849	494,767	3,087,278	8,524,894
British Columbia .....	96,648	—	—	96,648
Other provinces .....	442,473	—	368,067	810,540
<b>Canada .....</b>	<b>7,429,836</b>	<b>590,808</b>	<b>5,805,275</b>	<b>13,825,919</b>
<b>Closing:</b>				
Quebec .....	1,615,144	82,084	2,783,905	4,481,133
Ontario .....	4,086,398	456,618	3,427,478	7,970,494
British Columbia .....	78,663	—	—	78,663
Other provinces .....	291,995	—	571,056	863,051
<b>Canada .....</b>	<b>6,072,200</b>	<b>538,702</b>	<b>6,782,439</b>	<b>13,393,341</b>

1. (a) Book value of all manufacturing inventories held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Glass and Glass Products Industry for the year under review are shown in the above table.

TABLE 3. Factory Shipments by the Glass and Glass Products Industry, 1953 and 1954

Product	Value of factory shipments	
	1953	1954
	\$	\$
<b>Cut and bevelled glass division:</b>		
<b>Mirrors:</b>		
Plate glass .....	3,512,629	2,870,779
Sheet glass .....	1,126,594	933,523
<b>Other products of glass:</b>		
Bevelled or polished edge plate .....	1,136,253	1,018,538
Bevelled or polished edge sheet glass .....	394,286	385,303
Leaded glass, including memorial windows .....	213,864	199,229
Cut glass (tumblers, bowls, etc.) .....	1,021,361	1,047,687
Decorated glassware (including engraved, etched, sand-blasted, applied colour, etc.) .....	343,938	283,040
Druggists', physicians' and laboratory glassware .....	550,511	576,312
Other glass products .....	18,550,130	16,213,077
Receipts for custom and repair work .....	97,198	288,778
All other products .....	1,614,997	1,886,572
<b>Total .....</b>	<b>28,561,761</b>	<b>25,702,838</b>
<b>Pressed, blown and drawn glass division:</b>		
Pressed, blown and drawn glass (including bottles, sealers, ovenware, window glass, etc.) .....	44,348,405	42,285,363
<b>Grand total .....</b>	<b>72,910,166</b>	<b>67,988,201</b>

TABLE 4. Materials Used in Manufacturing, in the Glass and Glass Products Industry, 1953 and 1954

Material	Cost at works				
	1953		1954		
		\$		\$	
<b>Cut and bevelled glass division:</b>					
Bevelled or polished edge plates .....		133,576		128,539	
Bevelled or polished edge sheets .....		49,427		51,260	
Figured and cathedral glass, leaded glass, etc. ....		25,748		63,979	
Glass blanks for making cut glass articles .....		424,222		538,932	
Glass tubing .....		116,944		107,015	
Plate glass used for bevelling, silvering, laminating, etc. ....		7,832,468		6,114,812	
Sheet glass used for bevelling, silvering, laminating, etc. ....		1,947,292		1,620,986	
Grinding and polishing materials .....		94,284		93,599	
Silver nitrate .....		94,450		79,675	
Containers, boxes, packages, etc. ....		246,341		361,019	
All other materials .....		2,274,941		2,284,009	
<b>Total</b> .....		<b>13,239,693</b>		<b>11,443,825</b>	
		1953		1954	
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
<b>Pressed, blown and drawn glass division:</b>					
Arsenic .....	lb.	343,279	21,426	337,071	19,252
Barytes .....	"	475,352	10,418	474,682	10,531
Borax .....	"	5,646,452	278,169	4,282,159	211,737
Cobalt oxide .....	"	5,251	9,845	4,459	8,268
Cullet .....	tons	26,053	292,177	24,787	299,732
Chromite .....	"	102	5,931	75	5,380
Feldspar .....	"	3,892	81,944	4,037	87,158
Fluorspar .....	"	672	47,890	757	59,307
Lime .....	"	29,464	414,716	31,828	447,913
Nepheline syenite .....	"	14,545	374,800	13,607	362,453
Salt cake .....	lb.	5,324,376	81,407	4,182,434	63,775
Selenium (metal and salts) .....	"	1,730	6,220	1,802	8,092
Silica sand .....	tons	234,176	1,939,531	226,430	1,879,685
Shipping containers and packing materials .....	-	-	4,550,827	-	4,125,620
All other materials .....	-	-	7,197,804	-	7,573,550
<b>Total</b> .....	-	-	<b>15,313,105</b>	-	<b>15,162,453</b>
<b>Grand total</b> .....	-	-	<b>28,552,798</b>	-	<b>26,606,278</b>

**TABLE 5. Principal Statistics of the Glass and Glass Products Industry in Canada, Classified According to Type of Ownership, 1953 and 1954**

Type	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Individual ownership .....	32	191	362,900	415,800	964,016
Partnerships .....	17	119	258,267	311,277	682,309
Incorporated companies .....	69	7,430	24,018,038	27,825,721	71,263,841
Head offices .....	—	90	339,642	—	—
<b>Total .....</b>	<b>118</b>	<b>7,830</b>	<b>24,978,847</b>	<b>28,552,798</b>	<b>72,910,166</b>
1954					
Individual ownership .....	30	176	335,091	468,878	1,019,215
Partnerships .....	20	111	236,608	301,890	679,383
Incorporated companies .....	67	7,150	23,743,118	25,835,510	66,289,603
Head offices .....	—	89	383,992	—	—
<b>Total .....</b>	<b>117</b>	<b>7,526</b>	<b>24,698,809</b>	<b>26,606,278</b>	<b>67,988,201</b>

**TABLE 6. Principal Statistics of the Glass and Glass Products Industry in Canada, Grouped According to size of Establishment, 1953 and 1954**

Establishments having a production of	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Under \$25,000 .....	38	116	206,534	204,936	515,862
\$25,000 to \$49,999 .....	16	116	243,277	281,260	573,651
\$50,000 to \$99,999 .....	17	950	4,048,936	5,119,314	11,203,801
\$100,000 to \$199,999 .....	22	509	1,225,172	1,231,178	3,265,617
\$200,000 to \$499,999 .....	10	431	1,025,951	1,116,115	2,626,161
\$500,000 to \$999,999 .....	4	303	1,114,714	1,242,109	2,850,487
\$1,000,000 to \$4,999,999 .....	4	993	3,107,382	3,381,391	8,920,913
\$5,000,000 and over .....	7	4,322	13,667,239	15,976,495	42,953,674
Head offices .....	—	90	339,642	—	—
<b>Total .....</b>	<b>118</b>	<b>7,830</b>	<b>24,978,847</b>	<b>28,552,798</b>	<b>72,910,166</b>
1954					
Under \$25,000 .....	36	95	165,968	173,633	451,802
\$25,000 to \$49,999 .....	23	141	298,789	348,969	787,201
\$50,000 to \$99,999 .....	15	188	441,154	475,412	1,138,799
\$100,000 to \$199,999 .....	17	353	939,829	1,091,146	2,494,406
\$200,000 to \$499,999 .....	10	430	1,198,798	1,308,279	2,565,525
\$500,000 to \$999,999 .....	5	297	1,081,072	1,708,532	3,836,301
\$1,000,000 to \$4,999,999 .....	6	1,561	5,243,781	6,899,577	16,524,414
\$5,000,000 and over .....	5	4,372	14,945,426	14,600,630	40,189,753
Head offices .....	—	89	383,992	—	—
<b>Total .....</b>	<b>117</b>	<b>7,526</b>	<b>24,698,809</b>	<b>26,606,278</b>	<b>67,988,201</b>

TABLE 7. Capital and Repair Expenditures in the Glass and Glass Products Industry, 1950-1954

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1950 .....	985	2,394	3,379	333	3,699	4,032	7,411
1951 .....	1,622	2,141	3,763	360	4,019	4,379	8,142
1952 .....	507	1,752	2,259	283	3,884	4,167	6,426
1953 .....	696	2,113	2,809	565	4,583	5,148	7,957
1954 <sup>1</sup> .....	2,797	3,188	5,985	572	5,273	5,845	11,830

1. Preliminary.

TABLE 8. Employees and Their Earnings in the Glass and Glass Products Industry, by Provinces, 1953 and 1954

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
<b>1953</b>								
Quebec .....	308	141	2,041	335	2,825	1,663,463	6,689,955	8,353,418
Ontario .....	524	366	2,985	502	4,377	3,260,916	11,602,913	14,863,829
British Columbia .....	20	7	60	10	97	64,343	169,439	233,782
Other provinces .....	57	14	308	152	531	279,372	1,248,446	1,527,818
<b>Canada .....</b>	<b>909</b>	<b>528</b>	<b>5,394</b>	<b>999</b>	<b>7,830</b>	<b>5,268,094</b>	<b>19,710,753</b>	<b>24,978,847</b>
<b>1954</b>								
Quebec .....	321	135	1,813	299	2,568	1,776,985	6,502,558	8,279,543
Ontario .....	473	323	3,020	503	4,319	3,119,890	11,419,796	14,539,686
British Columbia .....	15	5	39	10	69	41,168	131,629	172,797
Other provinces .....	50	13	322	185	570	287,182	1,419,601	1,706,783
<b>Canada .....</b>	<b>859</b>	<b>476</b>	<b>5,194</b>	<b>997</b>	<b>7,526</b>	<b>5,225,225</b>	<b>19,473,584</b>	<b>24,698,809</b>

TABLE 9. Production Workers, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
	Number					
January .....	5,020	838	5,858	5,392	955	6,347
February .....	5,211	878	6,089	5,432	957	6,389
March .....	5,465	935	6,400	5,223	1,047	6,270
April .....	5,491	979	6,470	5,093	1,107	6,200
May .....	5,457	1,035	6,492	5,226	1,128	6,354
June .....	5,468	1,096	6,564	5,336	1,059	6,395
July .....	5,480	1,117	6,597	5,244	1,076	6,320
August .....	5,561	1,093	6,654	4,998	989	5,987
September .....	5,312	1,050	6,362	4,806	938	5,744
October .....	5,337	1,003	6,340	5,237	925	6,162
November .....	5,416	965	6,381	5,241	935	6,176
December .....	5,483	991	6,474	5,104	888	5,992
<b>Average .....</b>	<b>5,394</b>	<b>999</b>	<b>6,393</b>	<b>5,194</b>	<b>997</b>	<b>6,191</b>

TABLE 10. Imports of Glass and Glassware, 1953 and 1954

Item	1953	1954
Glass, cut, pressed or blown:		
Glass plates or discs, rough cut or unwrought, for the manufacture of optical instruments .....	\$ 501,303	365,881
Decanters and machine-made tumblers of glass, not cut or decorated, n.o.p. ....	\$ 356,026	328,587
Lamp chimneys .....	\$ 48,125	57,217
Glass demijohns, carboys, bottles, flasks, phials and jars, and balls, not cut .....	\$ 5,702,262	5,521,463
Glass tableware and cut glassware, n.o.p. ....	\$ 2,492,635	2,514,635
Incandescent lamp bulbs and glass tubing for the manufacture of incandescent lamps, vials and ampoules, and glass tubing, n.o.p., in straight lengths of not less than three feet .....	\$ 2,326,778	1,869,973
Glass shades or globes, opal and illuminating glassware, n.o.p. ....	\$ 66,959	61,180
Lenses, glass, n.o.p. ....	\$ 283,025	295,344
Fresnel type lenses, sections and globes, of glass .....	\$ 98,288	146,804
Hollow shapes of glass and of plastics, moulded, for the manufacture of electric light fixtures .....	\$ 1,369,114	1,378,941
High thermal shock-resisting glassware .....	\$ 2,532,838	2,378,342
Glass, stained, ornamental and silvered:		
Ornamental, figured and enamelled coloured glass and memorial or other ornamental window glass .....	\$ 264,811	206,570
Painted or vitrified, chipped, figured, enamelled and obscured white glass .....	\$ 620,931	684,669
Stained or ornamental glass windows .....	\$ 108,312	95,404
Silvered glass, bevelled or not, and framed or not, n.o.p. ....	\$ 783,365	798,463
Other glass and glassware:		
Glass balls or marbels for the manufacture of glass fibres or glass yarn .....	\$ 130,615	141,945
Articles of glass, not plate or sheet, designed to be cut or mounted; articles of glassware for the manufacture of receptacles made of, or electroplated with precious metals .....	\$ 709,524	806,622
Blanks of uncoloured clear glass for the manufacture of reflectors or refractors, for lighting systems .....	\$ 18,989	191,619
Beads, drops or other shapes of glass, for the manufacture of imitation pearls .....	\$ 168,528	72,803
Artificial eyes for human use and contact eye glasses or lenses .....	\$ 70,289	10,059
Photographic dry plates .....	\$ 149,103	146,312
Spectacles, eye glasses, and ground or finished spectacle or eye glass lenses, n.o.p. ....	\$ 611,656	591,375
Glass blocks .....	\$ 718,136	741,392
Manufactures of glass, n.o.p. ....	\$ 2,106,842	1,929,307
Plate, sheet and window glass:		
Common and colourless window glass .....	sq. ft. 50,170,826	45,959,897
	\$ 3,298,572	3,007,522
Plate glass, not bevelled, in sheets or panes not exceeding 7 sq. ft. each, n.o.p. ....	sq. ft. 1,726,782	758,986
	\$ 756,038	367,147
Plate glass, not bevelled, in sheets or panes exceeding 7 sq. ft. each, and not exceeding 25 sq. ft. each, n.o.p. ....	sq. ft. 5,666,357	4,892,800
	\$ 2,499,067	2,209,235
Plate glass, n.o.p. ....	sq. ft. 14,599,392	11,070,714
	\$ 6,348,832	5,059,674
Laminated glass, sheet or plate, and manufactures, n.o.p. ....	\$ 252,064	171,514
Glass in sheets, wired .....	\$ 338,220	375,441
Glass in sheets and bent plate glass, n.o.p. ....	\$ 1,291,026	1,045,045
<b>Total .....</b>	<b>\$ 37,112,273</b>	<b>33,570,483</b>

Note. The letters "n.o.p." mean "not otherwise provided for" in the classification of imports for statistical purposes.

TABLE 11. Exports of Glass and Glassware, 1953 and 1954

Item	1953	1954
Common and colourless window glass..... sq. ft.	13,780,994	7,851,577
..... \$	1,317,769	852,038
Tableware of glass .....	\$ 51,414	60,024
Lenses of glass, rough or finished .....	\$ 276,484	237,890
Glass bottles, empty .....	\$ 52,189	57,342
Glass and glassware, n.o.p. ....	\$ 284,949	160,768
<b>Total .....</b>	<b>\$ 1,982,805</b>	<b>1,368,062</b>

## Directory of Firms Included in the Glass and Glass Products Industry, 1954

Name of firm	Location of plant
(a) Pressed, Blown and Drawn Glass	
<b>Quebec:</b>	
Canadian Pittsburgh Industries Ltd. ....	300 Ste. Croix Blvd., Ville St. Laurent
Consumers' Glass Company, Limited .....	258 Second Ave., Ville St. Pierre
Dominion Glass Company, Limited .....	2375 Wellington St., Montreal
<b>Ontario:</b>	
Dominion Glass Company, Limited .....	Hamilton and Wallaceburg
Consumers' Glass Company, Limited .....	249 Kipling Ave. S., Etobicoke
Corning Glass Works of Canada, Ltd. ....	Vanderhoof Ave., Leaside
Pilkington Glass Manufacturing Co. Ltd. ....	350 Danforth Road, Scarborough
<b>Alberta:</b>	
Altaglass .....	Medicine Hat
Dominion Glass Company, Limited .....	Redcliff
(b) Cut and Bevelled Glass	
<b>Nova Scotia:</b>	
Halifax Glass Works .....	15-17 Starr St., Halifax
<b>New Brunswick:</b>	
Murray & Gregory, Limited .....	Falls View Ave., Saint John
<b>Quebec:</b>	
Acme Glass Company, Limited .....	1311 Bonaventure St., Montreal
Belgian Glass Works .....	33 D Centre, Granby
Canadian Plate Glass & Mirror Canadian Co. Reg'd.....	715 St. Maurice St., Montreal
Columbia Frame Inc. ....	636 St. Paul St. W., Montreal
Consolidated Glass Industries, Ltd. ....	1017 William St., Montreal
Crystal Glass & Plastics Ltd., Technical Glass Div. ....	708 Walnut St., Montreal 30
David & David Co. Ltd. ....	2429 Notre Dame St. E., Montreal
Despres, J.R., Glass Co. ....	1493 Laurier Ave. East, Montreal
Empire Trading Co. ....	377 St. Paul St. W., Montreal
Franklin Glass & Paint Co. ....	253 St. Francois St., Québec
Ideal Glass Reg'd. ....	4494 Des Erables, Montreal
Lafayette Glass Co. ....	2165, rue Parthenais, Montreal
La Vitrierie Moderne .....	168, rue Des Commissaires, Quebec
Leclair, G., Enr'g. ....	179, rue Laurier Est, Montreal
Miroirs Laurier Enr'g. ....	Laurier Station
Miroirs Victoriaville Ltée .....	28, rue Laurier, Victoriaville
Naimco Inc. ....	1823, rue Lincoln, Montreal
Phillips Cut Glass Company, Limited .....	2251 Papineau Ave., Montreal
Pion, Georges .....	912 East Rachel St., Montreal
Rouette Glass Cie Ltée .....	2110, rue Denonville, Montreal
Silex Company, Limited, The .....	126 First St., Iberville
Star Glass Limited .....	4040 Namur St., Montreal

## Directory of Firms Included in the Glass and Glass Products Industry, 1954 - Continued

Name of firm	Location of plant
(b) Cut and Bevelled Glass - Continued	
<b>Quebec - concluded:</b>	
Stotter, E., Glass Products Ltd. ....	2625 Albert St., Montreal 3.
Villeray Glass .....	9711 Lajeunesse St., Montreal
Vitra Glass .....	6026 Hochelaga, Montreal
Vitrierie Belanger Enr'g. ....	Rimouski
Vitrierie Bouchard Glass .....	519, rue Faillon, Montreal
Vitrierie Citadel Glass Inc. ....	186 St. Paul St., Quebec
Vitrierie Contrecoeur Enr'g. ....	Contrecoeur
Vitrierie Duchesne Enr'g. ....	St-Joseph de Sorel
Vitrierie General Enr'g. ....	Daveluyville
Walker Glass Co. Ltd. ....	5972 Second Ave., Rosemount, Montreal
White Mirror & Glass Co. ....	3561 St. Dominique St., Montreal
Winter & Company .....	234 Laurier Ave. W., Montreal
<b>Ontario:</b>	
Accurate Glass-Mirror Co. ....	3244 Yonge St., Toronto
Advance Glass & Mirror Co., Ltd. ....	92 Adelaide St. E., Toronto
Allen Glass & Mirror Ltd. ....	4936 Younge St., Lansing
Bath & Sons Mirrors & Manufacturing Ltd. ....	1388 Main St. E., Hamilton
Beach Neon .....	60 Wallace Ave. rear, Toronto 4
Belgium Mirror & Glass Co. ....	407 Dundas St. W., Toronto 2B
Bennett Glass Co. Ltd. ....	1004 Walker Road, Windsor
Bullas Glass Limited .....	15 Joseph St., Kitchener
Canadian Glass Ornaments .....	360 Dufferin St., Toronto
Canadian Glass Specialties .....	1099½ Dundas St. W., Toronto
Canadian Pittsburg Industries Ltd. ....	London
Canadian Plate & Window Glass Ltd. ....	93 Don Roadway, Toronto
Canadian Tumbler Company, Limited .....	63 Front St. E., Toronto
Central Ornamental Glass Co. ....	83 McCaul St., Toronto
Clapperton & Sons, Limited .....	23 River St., Toronto
Colonial Art Glass Co. ....	1191 Gladstone Ave., Ottawa
Consolidated Glass Industries Limited .....	Toronto and Ottawa
Crystal Arts Co. ....	Crystal Arts Square, Toronto 5
Cutler Brands Limited .....	126 Geary Ave., Toronto
De Paoli Industries .....	108 McDougall St., Windsor
Dominion Ceramic Industries Ltd. ....	30 Industrial St., Leaside
Dundas Plate Glass Co. Ltd. ....	Dundas
Duplicate, Canada, Ltd. ....	First Ave., Oshawa
Duplicate (Canada), Limited .....	1850 Walker Road, Windsor
Emerald Glass Company .....	544 Rogers Road, Toronto 9
European Glass and Paint Co. ....	364 Bank St., Ottawa
Excelsior Glass Co. ....	106 Ontario St., Toronto 2
Glass Guild Limited, The .....	175 King St., Stratford
Fiberglas Canada Ltd. ....	1st Ave., Oshawa
Holophane Company, Limited .....	150 Queenway, Toronto
Holliday Flint Glass Works of Toronto .....	103 River St., Toronto
Hughes, W. J., & Sons "Corn Flower" Limited .....	102 Tycos Drive, Toronto
Jensen Art Glass Company .....	223 Melrose Ave., Mimico
Jewell, Ernest C., & Son .....	374 Montrose Ave., Toronto
Johns, O.H., Glass Co. Limited .....	219 Broadview Ave., Toronto
Kieley, Frank J. ....	23 Carlisle St., Hamilton
Lipman Sterling Limited .....	191 George St., Toronto
Lloyd's Glass Company .....	180 King St. W., Hamilton
London Glass & Mirror Co. ....	679 York Street, London
Luxfer Prism Company, Limited .....	162 Parliament St., Toronto
McCausland, Robert, Limited .....	212-214 John St., Toronto
Monogram Glass Co. of Canada Limited .....	Staffordshire Place, Toronto 14
Norman Wall & Son .....	1647 Kingston Rd., Toronto 13.
Oakridges Glass & Mirrors .....	Oakridges
Pilkington Brothers (Canada) Ltd. ....	111 Millward Rd., Leaside
Pringle & London .....	242 Church St., Toronto
Queen City Glass Company, Limited .....	243 Victoria St., Toronto
Richards Glass Co. Limited .....	102 Atlantic Ave., Toronto
Service Glass & Mirror Ltd. ....	1185 Roselawn Ave., Toronto
Smith, Kenneth M., Co., Ltd. ....	30 Industrial St., Leaside
Smits & Ramsdale Studios .....	442 Sherbourne St., Toronto
Sheriff, R.G. ....	216 Adelaide St. W., Toronto
Stokes, Marjorie, Pewtercraft .....	156 Morningside, Toronto
Strathroy Glass Company .....	Canaan St., Strathroy
Thermo - Rite Mfg., Co. ....	134 Hartzel Road, St. Catharines
X.L. Glass Company .....	59 King St. W., Hamilton

## Directory of Firms Included in the Glass and Glass Products Industry, 1954 - Concluded

Name of firm	Location of plant
(b) Cut and Bevelled Glass - Concluded	
<b>Manitoba:</b>	
Brooker Window Ltd. ....	506 St. Jean Baptiste St., St. Boniface
Canadian Glass Works .....	308 Morley St., Winnipeg
Consolidated Plate Glass (Western), Ltd. ....	375 Balmoral St., Winnipeg
Waller J. D., Glassworks .....	249 Horace St., Norwood
<b>Alberta:</b>	
Alberta Glass Products Ltd. ....	9641 Whyte Ave., Edmonton
<b>British Columbia:</b>	
Atlas Glass Co. ....	1396 W. Broadway, Vancouver
Bogardus Wilson Limited .....	1000 Homer St., Vancouver
Fraser, J., Glass Works .....	2132 Granville St., Vancouver
Hastings Glass & Mirrors .....	1146 E. Cordova St., Vancouver
Holt, W., & Son .....	426 Second Ave. W., Vancouver
Pat-Sali Glass Intaglio Limited .....	1124 Hillside Ave., Victoria
Twin Seal Glass Co. Ltd. ....	Vancouver
Wallin's Glass Works .....	1069 S. W. Marine, Vancouver
Western Glass Co., Ltd. ....	158 W. Cordova St., Vancouver

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