

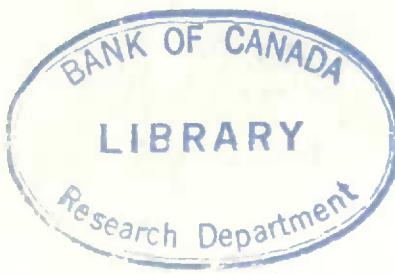
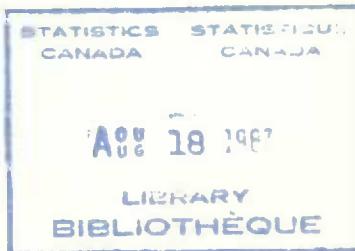
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THE GLASS AND GLASS PRODUCTS INDUSTRY 1952



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Mining, Metallurgical and Chemical Section

6502-635
4-5-54

Price 25 cents

Vol. 2—Part XIV—E-1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1954.

502-44

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 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, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
 - Section 2. Principal Statistics of Individual Industries, 75¢
 - Section 3. Principal Statistics by Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textiles
- VIII — Wood and Paper Products
- IX — Printing Trades
- X — Iron and Steel Products
- XI — Transportation Equipment
- XII — Non-ferrous Metal Products
- XIII — Electrical Apparatus and Supplies
- XIV — Non-metallic Mineral Products
- XV — Products of Petroleum and Coal
- XVI — Chemicals and Allied Products
- XVII — Miscellaneous Manufactures

The present report belongs in Part XIV, 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

1952

Factory shipments from the glass industry in Canada amounted in value to \$58,779,800 during 1952, an increase of 7 per cent over the \$54,913,292 reported for 1951, which in turn was 10.6 per cent over the 1950 total of \$49,659,133. Imports of glass and glassware amounted to \$26,847,639 in 1952 compared with \$31,408,091 in 1951, and exports totalled \$521,837 in 1952 compared with the 1951 total of \$970,031.

One hundred and fourteen factories were occupied in the production of glass and glass products during 1952. These establishments gave employment to a total of 6,516 persons, who were paid \$19,102,882 in salaries and wages. Fuel and electricity cost \$3,892,431 and expenditures for materials to be used in manufacturing processes amounted to \$22,192,757.

Pressed, blown and drawn glass was produced in 9 plants, including 3 in Quebec, 4 in Ontario and 2 in Alberta. This branch of the industry and an output worth \$37,501,459 against \$36,009,205 in

1951. Production consisted of bottles and jars, ovenware, sheet and window glass, no plate glass being made in Canada in 1952.

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 105 distributed across Canada, as follows: 55 in Ontario, 33 in Quebec, 9 in British Columbia, 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 \$21,278,341 in 1952, a gain of 12.5 per cent over the 1951 production of \$18,904,087.

Note: Data presented in this bulletin for 1952 under the heading of "Production" actually represent "Factory Shipments" and, therefore, are not exactly comparable with previous years.

TABLE 1. Principal Statistics of the Glass and Glass Products Industry, 1948-1952

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1948.....	95	5,918	\$ 12,496,695	\$ 3,098,019	\$ 15,100,702	\$ 40,364,428
1949.....	102	5,854	13,126,027	2,858,765	16,607,403	42,398,329
1950.....	106	6,444	15,632,414	3,205,790	19,198,095	49,659,133
1951.....	113	6,527	17,660,204	3,542,633	20,551,774	54,913,292
1952.....	114	6,516	19,102,882	3,892,431	22,192,757	58,779,800 ¹
Per cent change, 1952 from 1951	-	-	+ 8.2	+ 9.9	+ 8.0	+ 7.0

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

1. The 1952 total represents the value of factory shipments. The inventory value of finished products at plant at end of 1951 amounted to \$2,328,000 and at end of 1952 to \$1,480,000.

TABLE 2. Principal Statistics, by Provinces, 1951 and 1952

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1951						
Quebec	33	2,387	5,821,763	1,725,590	7,139,266	19,787,780
Ontario	61	3,600	10,416,141	1,765,302	11,396,948	30,319,273
British Columbia	10	94	229,476	13,108	183,153	383,831
Manitoba	4					
New Brunswick	1					
Alberta	3					
Newfoundland	1					
Canada	113	6,527	17,660,204	3,542,633	20,551,774	54,913,292
1952						
Quebec	36	2,419	6,601,049	1,820,039	6,863,036	20,072,421
Ontario	59	3,543	11,049,385	2,026,850	13,164,656	33,309,831
Manitoba	4	30	85,424	3,036	69,053	220,218
British Columbia	9	94	213,062	7,197	166,234	406,251
Newfoundland	1					
Nova Scotia	1					
New Brunswick	1					
Alberta	3					
Canada	114	6,516	19,102,882	3,892,431	22,192,757	58,779,800

TABLE 3. Products Made in the Glass and Glass Products Industry, 1951 and 1952

Product	Selling value at works	
	1951	1952
	\$	\$
Cut and bevelled glass division:		
Mirrors:		
Plate glass	2,760,559	2,929,590
Sheet glass	816,107	810,985
Other products of glass:		
Bevelled or polished edge plate	996,416	1,050,243
Bevelled or polished edge sheet glass	360,229	313,510
Leaded glass, including memorial windows	236,376	232,521
Cut glass (tumblers, bowls, etc.)	813,176	889,428
Decorated glassware (including engraved, etched, sand-blasted, applied colour, etc.)	362,386	189,975
Druggists', physicians' and laboratory glassware	549,148	484,433
Other glass products	10,936,440	13,458,635
Receipts for repair work	146,926	99,827
All other products	926,324	819,194
Total	18,904,087	21,278,341
Pressed, blown and drawn glass division:		
Pressed, blown and drawn glass (including bottles, sealers, ovenware, window glass, etc.)	36,009,205	37,501,459
Grand total	54,913,292	58,779,800

TABLE 4. Materials Used in Manufacturing, in the Glass and Glass Products Industry, 1951 and 1952

Material	Cost at works				
	1951	1952			
	\$	\$			
Cut and bevelled glass division:					
Bevelled or polished edge plates	94,999	128,464			
Bevelled or polished edge sheets	49,415	35,099			
Figured and cathedral glass, leaded glass, etc.	34,844	25,823			
Glass blanks for making cut glass articles.....	453,435	367,974			
Glass tubing	181,556	147,304			
Plate glass used for bevelling, silvering, laminating, etc.	4,103,054	5,381,441			
Sheet glass used for bevelling, silvering, laminating, etc.	1,529,873	1,534,694			
Grinding and polishing materials	68,010	86,799			
Silver nitrate	118,302	89,373			
Containers, boxes, packages, etc.	157,878	179,780			
All other materials	1,380,745	1,599,461			
Total	8,172,111	9,576,212			
	1951				
	Quantity	Cost at works			
		\$			
Pressed, blown and drawn glass division:					
Arsenic	lb.	362,426	19,448	340,631	19,000
Barytes	"	423,318	8,766	417,106	8,474
Borax	"	5,526,755	282,947	4,933,057	248,574
Cobalt oxide	"	4,314	7,026	5,188	9,125
Cullet	tons	37,086	466,648	26,679	302,674
Chromite	"	97	6,415	76	5,166
Feldspar	"	3,484	67,944	4,042	83,983
Fluorspar	"	586	35,860	642	40,971
Lime	"	27,367	378,271	30,510	401,329
Nepheline syenite	"	10,776	258,163	11,042	275,044
Salt cake	lb.	2,872,842	42,742	3,646,540	55,404
Selenium (metal and salts)	"	1,878	4,836	1,753	6,398
Silica sand	tons	192,238	1,515,642	196,939	1,596,593
Shipping containers and packing materials	—	—	3,370,117	—	3,470,075
All other materials	—	—	5,914,838	—	6,093,735
Total	—	—	12,379,663	—	12,616,545
Grand total	—	—	20,551,774	—	22,192,757

TABLE 5. Imports of Glass and Glassware, 1951 and 1952

Item		1951	1952
Glass, cut, pressed or blown:			
Glass plates or discs, rough cut or unwrought, for the manufacture of optical instruments	\$	718,856	504,712
Decanters and machine-made tumblers of glass, not cut or decorated, n.o.p.	\$	347,040	340,855
Lamp chimneys	\$	60,855	67,650
Glass demijohns, carboys, bottles, flasks, phials and jars, and balls, not cut	\$	4,312,431	4,489,816
Glass tableware and cut glassware, n.o.p.	\$	1,984,657	1,902,009
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	\$	2,069,616	1,504,730
Glass shades or globes, opal and illuminating glassware, n.o.p.	\$	51,265	29,143
Lenses, glass, n.o.p.	\$	292,432	328,140
Fresnel type lenses, sections and globes, of glass	\$	116,604	81,130
Hollow shapes of glass and of plastics, moulded, for the manufacture of electric light fixtures	\$	1,655,136	1,306,861
High thermal shock-resisting glassware	\$	1,737,700	1,737,323
Glass, stained, ornamental and silvered:			
Ornamental, figured and enamelled coloured glass and memorial or other ornamental window glass	\$	304,949	232,977
Painted or vitrified, chipped, figured, enamelled and obscured white glass	\$	663,924	472,837
Stained or ornamental glass windows	\$	60,358	78,674
Silvered glass, bevelled or not, and framed or not, n.o.p.	\$	290,046	522,245
Other glass and glassware:			
Glass balls or marbles for the manufacture of glass fibres or glass yarn	\$	90,556	126,516
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	\$	592,688	560,882
Blanks of uncoloured clear glass for the manufacture of reflectors or refractors, for lighting systems	\$	205,492	188,194
Beads, drops or other shapes of glass, for the manufacture of imitation pearls	\$	85,407	58,392
Artificial eyes for human use and contact eye glasses or lenses	\$	36,384	32,105
Photographic dry plates	\$	120,844	102,529
Spectacles, eye glasses, and ground or finished spectacle or eye glass lenses, n.o.p.	\$	349,746	315,496
Glass blocks	\$	591,130	588,352
Manufactures of glass, n.o.p.	\$	2,033,551	1,632,551
Plate, sheet and window glass:			
Common and colourless window glass	sq. ft.	69,454,426	36,200,190
	\$	4,586,378	2,175,361
Plate glass, not bevelled, in sheets or panes, not exceeding 7 sq. ft. each, n.o.p.	sq. ft.	7,037,963	4,344,367
	\$	2,624,716	1,571,138
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.	4,570,727	4,108,569
	\$	2,063,564	1,749,792
Plate glass, n.o.p.	sq. ft.	4,309,739	6,968,394
	\$	2,041,784	3,005,201
German mirror plate, unsilvered	\$	—	—
Laminated glass, sheet or plate, and manufactures, n.o.p.	\$	129,466	203,531
Glass in sheets, wired	\$	325,827	300,374
Glass in sheets and bent plate glass, n.o.p.	\$	864,689	638,123
Total	\$	31,408,091	26,847,639

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

TABLE 6. Exports of Glass and Glassware, 1951 and 1952

Item		1951	1952
Common and colourless window glass	sq. ft.	770,703	86,293
	\$	64,615	11,461
Tableware of glass	\$	91,638	62,804
Lenses of glass, rough or finished	\$	661,408	315,636
Glass bottles, empty	\$	29,045	39,352
Glass and glassware, n.o.p.	\$	123,325	92,584
Total	\$	970,031	521,837

TABLE 7. Employees and Their Earnings in the Glass and Glass Products Industry, by Provinces, 1951 and 1952

Province	Number of employees						Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total	
	Male	Female	Male	Female					
1951									
Quebec	218	59	1,817	293	2,387	870,453	4,951,310	5,821,763	
Ontario	401	263	2,565	371	3,600	2,259,554	8,156,587	10,416,141	
British Columbia	24	9	52	9	94	85,268	144,208	229,476	
Manitoba, New Brunswick, Alberta and Newfoundland	56	14	262	114	446	239,043	953,781	1,192,824	
Canada	699	345	4,696	787	6,527	3,454,318	14,205,886	17,660,204	
1952									
Quebec	223	68	1,828	300	2,419	979,859	5,621,190	6,601,049	
Ontario	399	250	2,538	356	3,543	2,199,288	8,850,097	11,049,385	
British Columbia	20	6	59	9	94	55,221	157,841	213,062	
Other provinces	49	14	263	134	460	211,110	1,028,276	1,239,386	
Canada	691	338	4,688	799	6,516	3,445,478	15,657,404	19,102,882	

TABLE 8. Capital and Repair Expenditures in the Glass and Glass Products Industry, 1948-1952

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							
1948	673	1,155	1,828	287	2,913	3,200	5,028
1949	574	970	1,544	321	3,093	3,414	4,958
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 ¹	500	1,716	2,216	280	3,360	3,640	5,856

1. Preliminary.

Directory of Firms Included in the Glass and Glass Products Industry, 1952

Name of firm	Location of plant
(a) Pressed, Blown and Drawn Glass	
Quebec:	
Canadian Pittsburgh Industries Ltd.	60 Ste. Croix Blvd., Ville St. Laurent
Consumers' Glass Company, Limited	258 Second Ave., Ville St. Pierre
Dominion Glass Company, Limited	2376 Wellington St., Montreal
Ontario:	
Dominion Glass Company, Limited	Hamilton and Wallaceburg
Corning Glass Works of Canada, Ltd.	Vanderhoof Ave., Leaside
Pilkington Glass Manufacturing Co. Ltd.	350 Danforth Road, Scarborough
Alberta:	
Altaglass	Medicine Hat
Dominion Glass Company, Limited	Redcliff
(b) Cut and Bevelled Glass	
Newfoundland:	
Canadian Pittsburgh Industries Ltd.	St. John's
Nova Scotia:	
Halifax Glass Works	15-17 Starr St., Halifax
New Brunswick:	
Murray & Gregory, Limited	Falls View Ave., Saint John
Quebec:	
Acme Glass Company, Limited	1311 Bonaventure St., Montreal
Canadian Pittsburgh Industries Ltd.	690 St. James St. W., Montreal
Canadian Plate Glass & Mirror Co. Reg'd.	90 Mountain Hill, Quebec
Consolidated Glass Industries, Ltd.	715 St. Maurice St., Montreal
Crystal Glass & Plastics Ltd., Technical Glass Div.	1017 William St., Montreal
David & David Co. Reg'd	708 Walnut St., Montreal 30
Despres, J.R., Glass Co.	2429 Notre Dame St. E., Montreal
Emdeca Products Co.	1493 Laurier Ave. East, Montreal
Empire Trading Co.	440 St. Peter St., Montreal
Franklin Glass & Paint Co.	377 St. Paul St. W., Montreal
Lafayette Glass Co.	305 St. Francois St. Quebec
Lane, Harry W.	2165 rue Parthenais, Montreal
La Vitrerie Moderne	1084 Church Ave., Verdun
Leclair, G., Enr'g.	168, rue Des Commissaires, Quebec
Miroirs Victoriaville Ltée	179, rue Laurier Est, Montreal
Phillips Cut Glass Company, Limited	28, rue Laurier, Victoriaville
Pion, Georges	2251 Papineau Ave., Montreal
Rouette Glass Cie Ltée	912 East Rachel St., Montreal
Silex Company, Limited, The	2110, rue Denonville, Montreal
Specific Glass Co.	126 First St., Iberville
Standard Cold Cathode	8 Villeneuve St., Montreal
Star Glass Limited	2564 St. Dominique St., Montreal 18
Villeray Glass	4030 Namur St., Montreal
Vitra Glass	9711 Lajeunesse St., Montreal
Vitrerie Belanger Enr'g.	6026 Hochelaga, Montreal
Vitrerie Bouchard Glass	Rimouski
Vitrerie Citadel Glass Inc.	519 rue Faillon, Montreal
Vitrerie Contrecoeur Enr'g.	186 St. Paul St., Quebec
Vitrerie Duchesne Enr'g.	Contrecoeur
Vitrerie General Enr'g.	St. Joseph de Sorel
White Mirror & Glass Co.	Daveniville
	3561 St. Dominique St., Montreal
Ontario:	
Advance Glass & Mirror Co., Ltd.	92 Adelaide St. E., Toronto
Allen Glass & Mirror Ltd.	4936 Younge St., Lansing
Artistic Industries	108 McDougall St., Windsor
Bath Glass & Mirror Mfg. Co.	1388 Main St. E., Hamilton
Bennett Glass Company, Limited	1004 Walker Road, Windsor
Bullas Glass Limited	15 Joseph St., Kitchener

Directory of Firms Included in the Glass and Glass Products Industry, 1952 —Concluded

Name of firm	Location of plant
(b) Cut and Bevelled Glass — concluded	
Ontario — concluded:	
Canadian Glass Ornaments	360 Dufferin St., Toronto
Canadian Glass Specialties.....	1099 Dundas St. W., Toronto
Canadian Mirror Craft Ltd.	1052 Wyandotte St. West, Windsor
Canadian Pittsburg Industries Ltd.	London, and Toronto
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
Clapptron & 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 6
Cutler Brands Limited	126 Geary Ave., Toronto
Dominion Ceramic Industries Ltd.	28 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.....	153 Atlas Ave., Toronto
European Glass and Paint Co.	364 Bank St., Ottawa
Excelsior Glass Co.	106 Ontario St., Toronto 2
Glass & Mirrors Co.	175 King St., Stratford
Glass Products Co.	321 Church St., Toronto
Holophane Company, Limited	150 Queensway, Toronto
Holiday Flint Glass Works of Toronto	103 River St., Toronto
Hughes, W.J., & Sons, Ltd.	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 St., 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
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
Supreme Art Glass & Mirror Works	61 Vine St., Hamilton
Wall, Norman, & Son	26 Balsam Ave., Toronto 8
X.L. Glass Company.....	59 King St. W., Hamilton
Manitoba:	
Canadian Glass Works	308 Morley St., Winnipeg
Canadian Pittsburg Industries Ltd.	360 Princess St., Winnipeg
Consolidated Plate Glass (Western), Ltd.	375 Balmoral St., Winnipeg
Waller, J.D., Glassworks	249 Horace St., Norwood
Alberta:	
Alberta Glass Products Ltd.	9641 Whyte Ave., Edmonton
British Columbia:	
Atlas Glass Co.	1396 W. Broadway, Vancouver
Bogardus Wilson Limited	1000 Homer St., Vancouver
Canadian Pittsburg Industries Ltd.	1107 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
Wallin's Glass Works	1652 W. 8th St., Vancouver
Western Glass Co., Ltd.	158 W. Cordova St., Vancouver

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