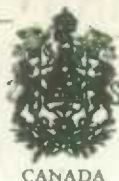
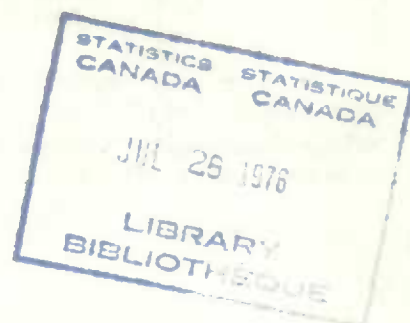


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CANADA



THE ASBESTOS PRODUCTS INDUSTRY

1954

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

Canada. **DOMINION BUREAU OF STATISTICS**
Industry and Merchandising Division
Metal and Chemical Products Section

6512-026-124

Price 25 cents

Vol. 2—Part XVI—C-1

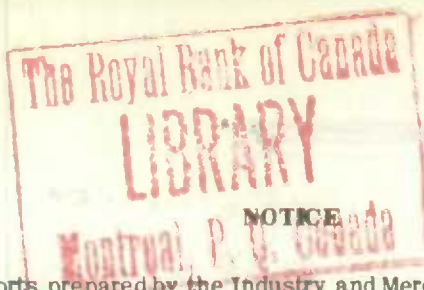
EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1956.

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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¢

(29 May '56)

THE ASBESTOS PRODUCTS INDUSTRY

1954

Factory shipments by the manufacturers of asbestos goods in Canada in 1954 were valued at \$23,768,768. The products included brake linings at \$3,008,089, boiler and pipe coverings at \$1,465,264, clutch facings at \$525,039, asbestos packings at \$636,148, and such other lines as asbestos gaskets, cloth, yarn, dryer felts, cements, cement pipe, etc.

Sixteen factories were included in this industry, of which 8 were located in Ontario, 5 in Quebec, 1 in Nova Scotia and 2 in British Columbia. The number of employees totalled 1,885, and payments in salaries and wages for the year amounted to \$6,455,586. Expenditures for fuel and electricity totalled \$620,999 and materials for manufacturing cost \$10,397,068.

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 Asbestos 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 plant	Cost of materials at plant	Value added by manufacture ¹	Gross Selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1929	12	351	359,433	80,902	1,348,460	857,276	2,286,638
1933	11	222	208,580	55,031	331,062	371,533	757,626
1937	13	451	464,882	91,252	812,639	992,786	1,896,677
1939	14	415	497,324	99,711	724,424	959,858	1,783,993
1945	13	912	1,422,077	216,635	2,812,091	2,648,565	5,677,291
1946	12	965	1,531,702	238,650	2,953,823	6,409,116	3,216,643
1949	14	1,533	3,637,864	461,473	4,794,030	5,087,506	10,343,009
1950	15	1,656	3,890,249	518,886	6,904,017	6,396,016	13,818,919
1951	16	1,948	5,386,693	580,066	9,157,249	9,900,136	19,637,451
1952	17	1,826	5,448,895	535,910	9,306,930	9,795,730	19,638,570
1953							
Quebec	7	1,318	4,140,224	403,338	6,224,579	5,234,237	11,862,154
Ontario	8	540	1,889,771	141,394	3,335,836	5,275,600	8,752,830
Nova Scotia	1	72	193,029	12,857	802,619	600,512	1,415,988
British Columbia	2						
Canada	18	1,930	6,223,024	557,589	10,363,034	11,110,349	22,030,972
1954							
Quebec	5	1,259	4,288,223	421,884	6,395,096	5,755,978	12,782,569
Ontario	8	558	1,956,696	182,684	3,179,765	6,087,949	9,387,565
Nova Scotia	1	68	210,667	16,431	822,207	745,557	1,598,634
British Columbia	2						
Canada	16	1,885	6,455,586	620,999	10,397,068	12,589,484	23,768,768

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. See footnote to text.

TABLE 2. Inventories¹, 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec	2,385,462	136,854	1,881,183	4,403,499
Ontario	638,886	558,147	684,957	1,881,990
Nova Scotia and British Columbia	39,613	—	168,509	208,122
Canada	3,063,961	695,001	2,734,649	6,493,611
Closing:				
Quebec	1,726,293	302,461	1,671,572	3,700,326
Ontario	634,841	549,562	747,790	1,932,193
Nova Scotia and British Columbia	39,089	—	154,070	193,159
Canada	2,400,223	852,023	2,573,432	5,825,678

1. (a) Book value of all manufacturing inventories owned and 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 Asbestos Products Industry for the year under review are shown in the above table.

TABLE 3. Products Manufactured in the Asbestos Products Industry, 1953 and 1954

Product	1953		1954	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Asbestos brake linings:				
Moulded	—	3,073,335	—	2,571,909
Other	—	399,553	—	436,180
Asbestos boiler and pipe coverings	—	1,506,667	—	1,465,264
Asbestos clutch facings No.	1,023,551	551,574	821,891	525,039
Asbestos gaskets	—	88,451	—	153,017
Asbestos packings of all kinds	—	525,084	—	636,148
All other products ¹	—	15,886,308	—	17,981,211
Total	—	22,030,972	—	23,768,768

1. Includes asbestos dryer felt, hydraulic brake hose, asbestos shingles, asbestos yarn, asbestos millboard, asbestos cement wallboard, asbestos cloth, asbestos cement pipe, etc. Figures for these commodities cannot be shown separately as in most cases there were only one or two producers in this industry.

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

Material	1953		1954	
	Quantity	Cost at works	Quantity	Cost at works
	pounds	\$	pounds	\$
Asbestos fibre	50,940,606	3,656,065	49,140,153	3,579,884
Asbestos cloth	120,748	177,251	126,135	177,977
Asbestos paper, corrugated and plain	6,869,931	447,383	6,178,355	365,607
Asbestos yarn	1,013,746	808,776	1,201,050	923,303
Cotton cloth and yarn	—	478,466	—	530,505
Rubber and rubber sheets	—	124,933	—	94,337
Containers and packing materials	—	382,686	—	454,381
All other materials	—	4,287,474	—	4,271,074
Total	—	10,363,034	—	10,397,068

TABLE 5. Production¹ of Asbestos Brake Linings, 1945-1954 (From all Industries)

Year	Moulded		Other		Total value
	Quantity	Value	Quantity	Value	
	ft.	\$	ft.	\$	\$
1945	4,124,683	1,313,441	1,352,638	377,358	1,690,799
1946	5,067,869	1,560,407	1,729,979	499,268	2,059,675
1947	4,785,547	1,141,159	1,606,011	503,319	1,644,478
1948	3,799,250	1,231,144	938,662	390,717	1,621,861
1949	4,062,761	1,110,921	808,841	303,373	1,414,294
1950	—	2,078,416	—	268,858	2,347,274
1951	—	2,621,465	—	395,162	3,016,627
1952	—	2,949,000	—	430,000	3,379,000
1953	—	3,073,000	—	400,000	3,473,000
1954	—	2,572,000	—	436,000	3,008,000

1. Factory shipments since 1952.

TABLE 6. Production¹ of Asbestos Boiler and Pipe Coverings and Asbestos Packings, 1945-1954
(From all industries)

Year	Selling value at works		Year	Selling value at works	
	Boiler and pipe coverings	Packings		Boiler and pipe coverings	Packings
	\$	\$		\$	\$
1945	653,533	285,524	1950.....	1,231,995	365,981
1946	359,501	209,968	1951.....	1,368,116	592,004
1947	603,316	313,718	1952.....	1,668,890	1,131,000
1948	880,529	259,085	1953.....	1,507,000	579,000
1949	1,127,000	260,000	1954.....	1,465,000	811,000

1. Factory shipments since 1952.

TABLE 7. Principal Statistics 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	1	1,930	6,223,024	10,363,034	22,030,972
Partnerships	2				
Incorporated companies	15				
Total.....	18	1,930	6,223,024	10,363,034	22,030,972
1954					
Incorporated companies	16	1,885	6,455,586	10,397,068	23,768,768
Total.....	16	1,885	6,455,586	10,397,068	23,768,768

TABLE 8. Principal Statistics of the Asbestos Products Industry in Canada, Grouped According to Size of Establishment, 1953 and 1954

Establishments reporting factory shipments	Establishments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Under \$25,000.....	3	31	71,139	56,671	140,641
\$25,000 to \$49,999.....	1				
\$50,000 to \$99,999.....	1				
\$100,000 to \$199,999.....	3	39	105,192	218,143	427,081
\$500,000 to \$999,999.....	3	140	432,886	1,413,616	2,534,119
\$1,000,000 to \$4,999,999.....	7	1,720	5,613,807	8,674,604	18,929,131
Total	18	1,930	6,223,024	10,363,034	22,030,972
1954					
Under \$25,000.....	2	15	27,677	63,932	111,732
\$50,000 to \$99,999.....	1				
\$100,000 to \$199,999.....	3				
\$500,000 to \$999,999.....	3	48	151,237	186,302	435,464
\$1,000,000 to \$4,999,999.....	5	149	456,513	1,436,825	2,405,182
\$5,000,000 and over.....	2	1,673	5,820,159	8,710,009	20,816,390
Total	16	1,885	6,455,586	10,397,068	23,768,768

TABLE 9. Capital and Repair Expenditures in the Asbestos 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.....	183	464	647	48	617	665	1,312
1951.....	47	206	253	56	527	583	836
1952.....	79	895	974	49	511	560	1,534
1953.....	464	995	1,459	44	616	660	2,119
1954 ¹	140	517	657	39	585	624	1,281

1. Preliminary.

TABLE 10. Employees and Their Earnings in the Asbestos Products Industry, 1953 and 1954

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1953						\$	\$	\$
Quebec.....	194	79	871	174	1,318	1,041,189	3,099,035	4,140,224
Other provinces.....	104	41	444	23	612	558,454	1,524,346	2,082,800
Canada	298	120	1,315	197	1,930	1,599,643	4,623,381	6,223,024
1954								
Quebec.....	194	77	830	158	1,259	987,649	3,300,574	4,288,223
Other provinces.....	121	42	440	23	626	597,560	1,569,803	2,167,363
Canada	315	119	1,270	181	1,885	1,585,209	4,870,377	6,455,586

TABLE 11. Production Workers, by Months, 1953 and 1954

Month	1953			1954		
	Male	Female	Total	Male	Female	Total
	Number					
January.....	1,350	200	1,550	1,289	192	1,481
February.....	1,361	197	1,558	1,303	192	1,495
March.....	1,354	196	1,550	1,278	184	1,462
April.....	1,302	206	1,508	1,248	175	1,423
May.....	1,332	204	1,536	1,221	178	1,399
June.....	1,341	190	1,531	1,243	179	1,422
July.....	1,331	193	1,524	1,251	176	1,427
August.....	1,310	210	1,520	1,315	176	1,491
September.....	1,346	210	1,556	1,279	179	1,458
October.....	1,295	199	1,494	1,280	179	1,459
November.....	1,239	182	1,421	1,266	178	1,444
December.....	1,202	175	1,377	1,278	181	1,459
Average	1,315	197	1,512	1,270	181	1,451

TABLE 12. Imports of Asbestos Products, 1953 and 1954

Item	1953	1954
Asbestos packings lb.	293,043	272,640
..... \$	305,455	243,769
Asbestos brake linings for automobiles, motor vehicles and chassis \$	297,460	271,723
Asbestos clutch facings for automobiles, motor vehicles and chassis \$	270,123	259,560
Asbestos brake linings and clutch facings, n.o.p. \$	89,263	127,818
Asbestos in any form other than crude, and all manufactures of, n.o.p. \$	2,347,874	2,636,262
Total imports \$	3,310,175	3,539,132

TABLE 13. Exports and Re-exports of Asbestos and Asbestos Products, 1953 and 1954

—	1953	1954
Asbestos, crude tons	668	641
..... \$	745,597	578,380
Asbestos milled fibres tons	316,588	313,102
..... \$	55,182,886	53,922,059
Asbestos waste, refuse or shorts tons	561,304	574,243
..... \$	28,069,694	28,112,456
Asbestos clutch facings and brake linings \$	288,467	380,329
Asbestos packings \$	5,792	6,144
Asbestos manufactures, including asbestos roofing \$	334,565	942,821
Total exports and re-exports \$	84,627,001	83,942,189

List of Firms in the Asbestos Products Industry, 1954

Name	Location of plant
Guildford's Limited	16 June St., Halifax, Nova Scotia
Asbestonos Corporation, Limited	48 Fort St., St. Lambert, Quebec
Atlas Asbestos Company Limited	5600 Hochelaga St., Montreal, Quebec
Asten-Hill Limited	Valleyfield, Quebec
Canadian Johns-Manville Company, Ltd.	Asbestos, Quebec
Philip Carey Company Ltd., The	Lennoxville, Quebec
Canadian Johns-Manville Company, Ltd.	Port Union, Ontario
Canadian Raybestos Co. Ltd., The	280 Perry St., Peterborough, Ontario
Dominion Brake Shoe Company Ltd.	50 Colborne St., Lindsay, Ontario
Garlock Packing Co. of Canada Ltd., The	200 Queen St. N., Hamilton, Ontario
Hamilton Engine Packing Company	56 Alanson St., Hamilton, Ontario
Purves Protecto Products and W.R. Meadows of Canada Ltd.	67 Vine Ave., Toronto, Ontario
Thomas-Gordon Ltd.	12-14 Ferguson Ave. N., Hamilton, Ontario
A.C. Wild & Co.	142 Vine Ave., Toronto, Ontario
Acme Asbestos Ltd.	1222 East 67th Ave., Vancouver, British Columbia
Asbestos Cement Products Ltd.	Bridge St., New Westminster, British Columbia