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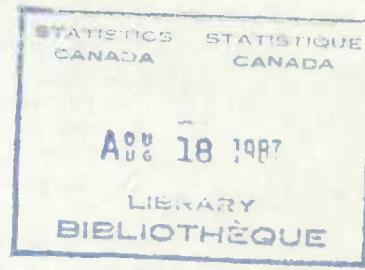
CANADA

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THE CLAY AND CLAY PRODUCTS INDUSTRY

1952

(Including data relating to Sand-Lime Brick)



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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 which they comprise.

Volume I consists of the following parts:

- Part I — Mineral Statistics
- Part II — Forestry Statistics — Operations in the Woods
- Part III — Fisheries Statistics

Part I includes the following reports which constitute the complete series on Mineral Statistics of Canada. Individual reports are issued as the information becomes available; they are arranged in a form suitable for binding.

- A — General Review of the Mining Industry, 50¢
- B — The Gold Mining Industry, 50¢
- C — The Silver-Lead-Zinc Mining Industry, 25¢
- D — The Nickel-Copper Mining, Smelting and Refining Industry, 25¢
- E — The Miscellaneous Metal Mining Industry, 25¢
- F — The Non-ferrous Smelting and Refining Industry, 25¢
- G — The Coal Mining Industry, \$1.00
- H — The Crude Petroleum and Natural Gas Industry, 25¢
- I — The Asbestos Mining Industry, 25¢
- J — The Feldspar and Quartz Mining Industry, 25¢
- K — The Gypsum Industry, 25¢
- L — The Peat Industry, 25¢
- M — The Salt Industry, 25¢
- N — The Talc and Soapstone Industry, 25¢
- O — The Miscellaneous Non-metal Mining Industry, 25¢
- P — The Cement Manufacturing Industry, 25¢
- Q — The Clay and Clay Products Industry, 25¢
- R — The Lime Industry, 25¢
- S — The Sand and Gravel Industry, 25¢
- T — The Stone Industry, 25¢
- U — Contract Drilling in the Mining Industry, 25¢

THE CLAY AND CLAY PRODUCTS INDUSTRY

1952

(Including data relating to Sand-Lime Brick)

The industrial clays of Canada may be classed as common clays, stoneware clays, fireclays and china clays. Common clays are produced in all provinces, stoneware clays in Saskatchewan and British Columbia and to a lesser extent in Manitoba and Nova Scotia, fireclays in Saskatchewan and British Columbia and to a lesser extent in Nova Scotia. China clay is not produced in Canada at present but there is some production of ball clay in Saskatchewan. Bentonite is produced in Manitoba and to a lesser extent in Alberta. Large quantities of fire clay and china clay are imported.

Since the value of domestic clay products is included in the mineral production of Canada whereas the value of products made from imported clays is not, the clay products industry in Canada is divided into two sections for statistical purposes:

(1) Production from domestic clays, which includes building brick, structural tile, roofing tile, drain tile, stoneware, sewer pipe, pottery and refractories, and

(2) Production from imported clays, which includes the manufacture of electrical porcelains, sanitaryware, sewer pipe, tableware, artware, floor and wall tile, and fireclay blocks and shapes.

The manufacture of sand-lime bricks and blocks is reviewed in Section 3 of this report, being treated as a separate industry.

A total of 167 plants operated in the domestic and imported clay products industries in 1952. They employed 6,000 workers to whom \$16,112,479 was distributed in salaries and wages. The combined production was valued at \$40,639,124 compared with \$40,475,960 in 1951.

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

	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	Net ¹ value of production
Products from domestic clays:							
1948.....	117	3,746	7,505,765	3,481,413	545,190	17,629,048	13,602,445
1949.....	124	3,603	7,924,841	3,347,345	557,622	17,981,709	14,076,742
1950.....	134	3,663	8,583,912	3,978,525	676,729	21,790,888	17,135,634
1951.....	129	3,737	9,731,657	4,414,072	794,483	23,527,656	18,319,101
1952.....	133	3,568	9,812,214	4,276,092	840,756	24,961,528	19,844,680
Products from imported clays:							
1948.....	38	2,288	4,796,958	722,085	2,825,026	12,363,734	8,816,623
1949.....	40	2,356	5,332,757	746,597	3,526,190	14,457,162	10,184,375
1950.....	38	2,209	5,319,493	764,460	3,670,791	15,095,524	10,660,273
1951.....	35	2,526	6,372,732	870,710	4,382,230	16,948,304	11,695,364
1952.....	34	2,432	6,300,265	835,362	4,050,520	15,677,596	10,781,714
Total:							
1948.....	155	6,034	12,302,723	4,203,498	3,370,216	29,992,782	22,419,068
1949.....	164	5,959	13,257,598	4,093,942	4,083,812	32,438,871	24,261,117
1950.....	172	5,872	13,903,405	4,742,985	4,347,520	36,886,412	27,795,907
1951.....	164	6,263	16,104,389	5,284,782	5,176,713	40,475,960	30,014,465
1952.....	167	6,000	16,112,479	5,111,454	4,891,276	40,639,124	30,626,394

1. Gross value less cost of materials, fuel and electricity.

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.

I. Production from Domestic Clays, 1952

Concerns which make brick or other products from domestic clays are usually located at the clay deposits and, as clay has no value until it has been made into saleable products, it is the custom for statistical purposes to measure output at the first stage at which it is possible to place a realistic value on the products, this being the shipments of bricks, tiles, etc.

The gross value of producers' sales of domestic clays and products made from domestic clays totalled \$24,961,528 in 1952 compared with \$23,527,656 in the preceding year. Domestic clays were produced and used in all provinces, except Prince Edward Island, to manufacture building brick, tile and other

clay products. The leading provinces in value of production were: Ontario, \$11,975,200; Quebec, \$6,645,387 and Alberta, \$1,964,618.

The industry employed 3,568 persons in 1952 and distributed \$9,812,214 in salaries and wages. Fuels cost \$3,831,871 and 33,104,065 k.w.h. of electricity were purchased for \$444,221. Process supplies cost \$840,756.

Sales of building brick in 1952 amounted to \$14,851,176 for 369,605 thousand pieces. Sewer pipe, drain tile and flue linings sales totalled \$4,919,260 and structural tile was valued at \$3,284,060.

TABLE 2. Principal Statistics for the Domestic Clay Products Industry, 1951 and 1952

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of process supplies at works	Gross selling value of products (f.o.b. works)
1951						
Newfoundland	2	10	9,785	8,551	1,300	32,183
Nova Scotia	6	244	476,589	324,780	113,654	1,202,428
New Brunswick	5	121	247,368	188,193	86,080	740,861
Quebec	20	952	2,557,615	1,373,022	287,229	6,776,430
Ontario	69	1,559	4,329,170	2,084,421	204,158	10,484,341
Manitoba	5	73	177,021	66,512	26,081	673,698
Saskatchewan	3	129	370,921	76,449	31,731	616,655
Alberta	11	405	922,273	61,350	19,814	1,787,731
British Columbia	8	244	640,915	230,794	24,436	1,213,329
Canada	129	3,737	9,731,657	4,414,072	794,483	23,527,656
1952						
Newfoundland	1	5	5,000	9,000	—	29,285
Nova Scotia	6	238	537,553	341,052	125,888	1,221,893
New Brunswick	4	102	219,726	171,987	76,086	655,084
Quebec	20	821	2,341,180	1,221,860	332,796	6,645,387
Ontario	73	1,608	4,666,065	2,032,794	207,917	11,975,200
Manitoba	5	70	181,320	68,675	33,293	575,088
Saskatchewan	3	114	308,152	121,660	4,516	711,778
Alberta	13	404	969,293	79,262	34,530	1,964,618
British Columbia	8	206	583,925	229,802	25,730	1,183,195
Canada	133	3,568	9,812,214	4,276,092	840,756	24,961,528

TABLE 3. Producers' Sales of Domestic Clay and Domestic Clay Products, 1951 and 1952

Product	Sales or shipments			
	1951		1952	
	Quantity	\$	Quantity	\$
Clay:				
Bentonite	—	499,556	—	388,542
Fireclay	tons	17,920	86,190	85,437
Other clay	tons	28,899	49,698	58,775
Fireclay blocks and shapes	—	—	374,707	395,017
Firebrick	M	2,880	245,722	280,146
Brick:				
Soft mud process:				
Face	M	18,654	798,855	528,339
Common	M	13,799	367,335	497,195
Stiff mud process (wire cut):				
Face	M	165,838	6,729,409	187,359
Common	M	62,351	1,770,839	47,413
Dry press:				
Face	M	67,132	2,804,146	66,480
Common	M	51,085	1,549,710	42,562
Fancy or ornamental brick (including special shapes, embossed and enamelled brick)	M	39	2,129	236
Sewer brick	M	536	19,768	141
Paving brick	M	194	16,170	226
Structural tile:				
Hollowblocks (including fireproofing and load-bearing tile)	tons	195,184	3,168,239	184,981
Roofing tile	—	—	400	—
Floor tile (quarries) and glazed tile	—	—	90,897	—
Drain tile	M	27,961	1,570,518	31,916
Sewer pipe	—	—	2,195,838	—
Flue linings	—	—	659,830	—
Pottery, glazed or unglazed (including coarse earthenware, sanitaryware, stoneware, flower pots, and all pottery)	—	—	374,016	—
Other products	—	—	153,684	—
Total	—	—	23,527,656	—
			24,961,528	

TABLE 4. Producers' Sales of Clay Building Brick, 1943-1952

Year	Quantity	\$	Average value per M ¹	Year	Quantity	\$	Average value per M ¹
	M	\$			M	\$	\$
1943.....	138,678	2,808,764	20.25	1948.....	320,693	9,597,463	29.93
1944.....	154,785	3,155,380	20.38	1949.....	330,867	10,523,675	31.81
1945.....	200,241	4,566,179	22.82	1950.....	375,247	12,713,753	33.88
1946.....	272,389	6,627,517	24.33	1951.....	379,434	14,042,191	37.01
1947.....	295,446	7,930,714	26.84	1952.....	369,605	14,851,176	40.18

1. Based on shipments of all grades; the value per M should be interpreted as the average value of pressed, common and other varieties together and not the value of any one particular type of brick.

TABLE 5. Producers' Sales of Clay Building Brick,¹ by Provinces, 1951 and 1952

Province	1951		1952	
	M	\$	M	\$
Newfoundland.....	818	31,216	692	29,285
Nova Scotia.....	8,872	299,663	9,945	432,488
New Brunswick.....	17,693	564,310	13,036	471,492
Quebec.....	150,889	5,217,532	136,286	4,937,021
Ontario.....	155,549	6,665,011	160,975	7,592,791
Manitoba.....	5,136	177,295	5,947	189,640
Saskatchewan.....	4,444	118,789	7,753	204,388
Alberta.....	30,600	789,298	31,574	844,569
British Columbia.....	4,833	179,077	3,397	149,502
Canada.....	379,434	14,042,191	369,605	14,851,176
Average value per M.....	—	37.01	—	40.18

1. Includes fancy and sewer brick.

TABLE 6. Producers' Sales of Drain Tile, Sewer Pipe and Flue Linings made from Domestic Clays, 1943-1952

Year	Value	Year	Value
	\$		\$
1943.....	1,507,223	1948.....	3,449,294
1944.....	1,390,457	1949.....	3,415,278
1945.....	1,674,016	1950.....	4,259,992
1946.....	2,032,403	1951.....	4,426,186
1947.....	2,730,312	1952.....	4,919,260

TABLE 7. Producers' Sales of Drain Tile, Sewer Pipe and Flue Linings made from Domestic Clays, by Provinces, 1951 and 1952

Province	1951	1952
	\$	\$
Newfoundland.....	967	—
Nova Scotia.....	510,136	479,500
New Brunswick.....	10,210	20,562
Quebec.....	461,761	445,593
Ontario.....	2,368,092	2,829,241
Saskatchewan.....	5,495	5,465
Alberta.....	594,561	612,743
British Columbia.....	474,964	526,156
Canada.....	4,426,186	4,919,260

TABLE 8. Producers' Sales of Fireclay, Fireclay Blocks and Shapes and Firebrick made from Domestic Clays, 1943-1952

Year	Fireclay		Fireclay blocks and shapes	Firebrick	
	Short tons	\$		M	\$
1943	5,653	42,122	256,655	3,644	192,618
1944	7,630	38,433	221,251	3,180	164,837
1945	4,266	31,416	225,275	3,466	186,651
1946	4,696	30,607	222,430	3,367	205,849
1947	3,960	33,907	274,783	3,780	250,668
1948	10,206	59,317	318,810	4,111	311,517
1949	5,204	46,377	311,104	1,127	87,186
1950	8,840	55,449	340,137	1,631	132,052
1951	17,920	86,190	374,707	2,880	245,722
1952	16,118	85,437	395,017	3,198	280,146

Note. Firebrick and fireclay blocks and shapes are also made from imported clays; see table 26.

TABLE 9. Producers' Sales of Fireclay Blocks and Shapes and Firebrick made from Domestic Clays, by Provinces, 1952

Province	Fireclay		Fireclay blocks and shapes	Firebrick	
	Short tons	\$		M	\$
Nova Scotia.....	3,460	14,877	—	—	—
Saskatchewan	1,175	18,763	297,521	—	—
British Columbia	11,483	51,797	97,496	3,198	280,146
Canada.....	16,118	85,437	395,017	3,198	280,146

TABLE 10. Producers' Sales of Pottery made from Domestic Clays, 1943-1952

Year	Value	Year	Value
	\$		\$
1943	701,144	1948	921,970
1944	838,544	1949	501,241
1945	930,567	1950	612,669
1946	1,195,478	1951	374,016
1947	853,440	1952	540,862

TABLE 11. Producers' Sales of Pottery made from Domestic Clays, by Provinces, 1951 and 1952

Province	1951	1952
	\$	\$
Nova Scotia	2,900	2,000
New Brunswick	136,779	122,793
Quebec	10,500	11,000
Ontario	114,720	280,224
Alberta	104,422	118,309
British Columbia	4,695	6,536
Canada.....	374,016	540,862

TABLE 12. Producers' Sales of Structural Tile made from Domestic Clays, 1943-1952

Year	Hollow blocks ¹		Roofing tile		Floor tile (quarries) ²	
	Short tons	\$	Number	\$	Sq. ft.	\$
1943	84,469	819,535	—	827	—	26,949
1944	87,820	811,558	—	—	212,805	43,817
1945	94,244	998,210	—	—	197,164	46,365
1946	129,694	1,453,549	—	97	205,950	50,699
1947	149,733	1,950,098	—	—	204,977	56,845
1948	166,195	2,364,949	—	—	240,101	89,719
1949	166,090	2,482,224	—	—	178,884	70,969
1950	178,372	2,872,885	32,590	1,855	254,208	94,388
1951	195,184	3,168,239	7,000	400	249,067	90,897
1952	184,981	3,185,775	—	—	227,542	98,285

1. Includes fireproofing and load-bearing tile.

2. Includes value of glazed floor and wall tile.

TABLE 13. Producers' Sales of Structural Tile made from Domestic Clays, by Provinces, 1952

Province	Hollow blocks ¹		Floor tile (quarries) ²	
	Short tons	\$	Sq. ft.	\$
Nova Scotia	23,279	293,028	—	—
New Brunswick	3,390	40,237	—	—
Quebec	61,037	1,210,678	—	—
Ontario	56,018	1,050,159	227,542	98,285
Manitoba	—	—	—	—
Saskatchewan	8,681	145,497	—	—
Alberta	29,395	385,903	—	—
British Columbia	3,181	60,273	—	—
Canada.....	184,981	3,185,775	227,542	98,285

1. Includes fireproofing and load-bearing tile.

2. Includes value of glazed floor and wall tile.

TABLE 14. Producers' Sales of Bentonite and Kaolin, by Provinces, 1943-1952

Year	Bentonite ²				Kaolin ¹	
	Manitoba	Alberta	British Columbia	Canada		
	\$	\$	\$	\$	Tons	\$
1943	110,428	5,262	1,357	117,047	93	1,531
1944	160,268	2,076	1,504	163,848	424	5,758
1945	169,551	1,248	—	170,799	446	3,771
1946	207,572	4,253	—	211,825	821	5,775
1947	253,786	4,541	—	258,327	—	—
1948	336,003	3,710	—	339,713	—	—
1949	360,591	7,277	—	367,868	—	—
1950	533,390	1,483	—	534,873	—	—
1951	496,403	3,153	—	499,556	—	—
1952	385,448	3,094	—	388,542	—	—

1. All from Quebec.

2. Quantity not available for publication.

TABLE 15. Consumption of Bentonite in Canada, 1951

	1951
	Tons
(a) By industries:	
Steel foundries	4,349
Cement products	104
Miscellaneous non-metallic mineral products	724
Soaps and cleaning preparations	653
Pulp and paper	204
Petroleum refining	8,185
Vegetable oil mills	424
Oil well drilling	16,002
Polishes and dressings	13
Asbestos products	12
Total	30,670
(b) By provinces:	
New Brunswick	53
Quebec	2,478
Ontario	10,715
Manitoba	252
Saskatchewan	477
Alberta	16,357
British Columbia	338
Canada	30,670

TABLE 16. Available Data on the Consumption of Fuller's Earth in Canada, 1950 and 1951

	1950	1951
	Tons	
(a) By industries:		
Soaps and cleaning preparations	485	361
Petroleum refining	5,153	5,602
Slaughtering and meat-packing	1,018	1,075
Vegetable oil mills	4	3
Starch and glucose	9	9
Total	6,669	7,050
(b) By provinces:		
Quebec	530	566
Ontario	5,883	6,234
Manitoba	128	128
Saskatchewan	49	39
Alberta	56	57
British Columbia	23	26
Canada	6,669	7,050

TABLE 17. Available Data on the Consumption of China Clay (Kaolin) in Canada, 1950 and 1951

—	1950	1951
	Tons	
(a) By industries:		
Paints.....	1,856	1,727
Toilet preparations.....	81	48
Miscellaneous chemical products.....	1,530	2,029
Imported clay products.....	11,720	11,957
Linoleum.....	2,553	2,331
Wall paper.....	3,794	2,986
Rubber goods.....	4,952	4,304
Pulp and paper.....	45,039	54,986
Miscellaneous non-metallic minerals.....	350	135
Total.....	71,875	80,503
(b) By provinces:		
Newfoundland and Nova Scotia.....	14	—
New Brunswick.....	488	592
Quebec.....	28,259	32,468
Ontario.....	39,886	43,900
Manitoba.....	994	996
Alberta.....	1,381	1,356
British Columbia.....	853	1,191
Canada.....	71,875	80,503

TABLE 18. Clays and Earths Used in the Rubber Goods Industry, 1948-1952

Year	Tons	Value
		\$
1948	5,121	147,316
1949	7,958	255,026
1950	12,262	390,250
1951	12,222	376,643
1952	13,502	411,094

TABLE 19. Firebrick, Fireclay and Cupola Blocks Used in the Manufacture of Iron and Steel and Their Products, 1948-1952

Year	Cost at works
	\$
1948	4,088,719
1949	3,880,000
1950	5,107,000
1951	5,920,000
1952	6,123,000

TABLE 20. Filtering Earths Used in the Sugar Refining Industry, 1948-1952

Year	Sugar refineries	
	Pounds	\$
1948	5,729,441	167,259
1949	5,741,397	187,508
1950	5,977,750	205,856
1951	4,644,612	169,743
1952	4,040,175	132,796

TABLE 21. Imports and Exports of Clay and Clay Products, 1951 and 1952

Item		1951		1952	
		Quantity	\$	Quantity	\$
Imports					
China clay.....	cwt.	2,152,567	1,697,816	2,000,219	1,455,792
Fire clay.....	"	1,722,475	502,025	1,431,965	406,169
Pipe clay.....	"	193,305	33,233	138,455	21,458
Clays, all other, n.o.p.	-	-	396,791	-	426,165
Zirconium silicate	-	-	88,352	-	104,667
Zirconium oxide	-	-	23,111	-	23,422
Saggars	-	-	87,888	-	51,953
Activated clay, for the refining of oils.....	-	-	374,200	-	460,734
Grog for refractory materials	tons	5,898	137,108	6,121	132,605
Brick, building	"	52,490	981,896	45,199	796,967
Brick, fire, other, valued at not less than \$100 per M, rectangular shaped, the dimensions of each not to exceed 125 cubic inches, for use exclusively in the construction or repair of a furnace, kiln, etc.	-	-	486,508	-	408,908
Brick, fire, n.o.p., for use exclusively in the construction or repair of a furnace, kiln, or other equipment of a manufacturing establishment (not made in Canada)	-	-	5,590,405	-	4,604,075
Brick, fire, n.o.p.	-	-	3,351,927	-	3,420,005
Brick, paving.....	tons	2,584	41,565	3,415	55,731
Building blocks, building tile.....	-	-	564,560	-	466,043
Drain pipes, sewer pipes and earthenware fittings, chimney linings or vents, chimney tops or inverted blocks, glazed or unglazed, n.o.p.	-	-	448,301	-	386,790
Drain tiles, not glazed	-	-	116	-	311
Tiles or blocks of earthenware or stone, prepared for mosaic flooring	-	-	319,268	-	341,190
Earthenware tiles for roofing	-	-	29,039	-	17,577
Tiles, earthenware, n.o.p.	-	-	1,404,013	-	1,282,449
Chemical stoneware.....	-	-	137,545	-	153,916
Hand forms of porcelain, for the manufacture of rubber gloves	-	-	7,653	-	13,478
China and porcelain ware, n.o.p.	-	-	81,640	-	59,911
Demijohns, churns, or crocks, n.o.p.	-	-	23,819	-	22,264
Tableware of china, porcelain	-	-	15,181,703	-	12,443,053
Stoneware, Rockingham ware and earthenware, n.o.p.	-	-	1,986,870	-	1,507,905
Artificial teeth, not mounted	-	-	1,169,107	-	1,140,026
Baths, bathtubs, etc., n.o.p.	-	-	3,283,714	-	1,980,421
Crucibles, n.o.p., and covers	-	-	109,412	-	64,685
Insulators, electric, porcelain, and parts.....	-	-	645,050	-	561,712
Manufactures of clay, n.o.p.	-	-	662,222	-	707,726
Total	-	-	39,846,857	-	33,517,108
Exports					
Building brick.....	M	3,815	163,744	3,316	143,462
Bricks, fire	-	-	1,078,561	-	1,204,944
Clay, manufactures of	-	-	30,215	-	36,849
Clays, unmanufactured	cwt.	162,317	35,176	183,556	39,044
Earthenware	-	-	290,855	-	270,498
Porcelain insulators	-	-	939,329	-	787,987
Total	-	-	2,537,880	-	2,482,484

Note. "n.o.p." means "Not otherwise provided for" in the statistical classification.

TABLE 22. Employees and Their Earnings in the Domestic Clay Products Industry, 1948-1952

Year	Number of employees						Earnings		
	Administration and office		Workmen		Total	Adminis- tration and office	Workmen		Total
	Male	Female	Male	Female			Male	Female	
1948	160	36	3,403	147	3,746	\$ 574,250	\$ 6,931,515	\$ 7,505,765	
1949	183	32	3,295	93	3,603	688,023	7,236,818	7,924,841	
1950	183	32	3,363	85	3,663	678,977	7,904,935	8,583,912	
1951	194	34	3,454	55	3,737	777,262	8,954,395	9,731,657	
1952	201	41	3,241	85	3,568	845,100	8,967,114	9,812,214	

TABLE 23. Workmen in the Domestic Clay Products Industry, by Months, 1951 and 1952

Month	1951				1952				Total	
	Pit	Plant		Total	Pit	Plant				
		Male	Male	Female		Male	Male	Female		
Number										
January	118	2,927	45	3,090	93	2,547	79	2,719		
February	111	2,902	50	3,063	89	2,482	80	2,651		
March	116	2,922	51	3,089	89	2,612	81	2,782		
April	124	3,007	49	3,180	116	2,823	82	3,021		
May	194	3,506	66	3,766	168	3,261	99	3,528		
June	215	3,688	68	3,971	183	3,421	97	3,701		
July	219	3,722	67	4,008	193	3,505	96	3,794		
August	199	3,636	62	3,897	180	3,517	93	3,790		
September	197	3,549	58	3,804	186	3,415	92	3,693		
October	166	3,366	47	3,579	157	3,262	69	3,488		
November	132	3,116	45	3,293	123	3,089	71	3,283		
December	122	2,864	46	3,032	103	3,005	71	3,179		
Average	173	3,281	55	3,509	156	3,085	85	3,326		

List of Firms in the Domestic Clay Products Industry, 1952
 (a) Clay used (b) Shale used (c) Idle, 1952 (d) Produce bentonite

Name of firm	Head office address	Location of plant
Newfoundland:		
Pelly's Brickyard (a)	Milton	Milton
Nova Scotia:		
Foley Pottery Ltd.	Saint John, New Brunswick	Musquodoboit
Harriss & Harriss	5 Byng Ave., Sydney	Sydney
Shaw, L.E., Limited (a) (b)	Box 1135, Halifax	Elmsdale and New Glasgow
Standard Clay Products Limited (a) (b)....	St. Johns, Quebec	New Glasgow
New Brunswick:		
Shaw, L.E., Limited (b).....	Box 1135, Halifax, Nova Scotia	Chipman and Fredericton
Quebec:		
Castonguay, Hubert	Deschaillons	Deschaillons
Citadelle Brique Ltée (b)	14, rue St-Joseph, Québec	Beauport E. et Boischatel
Demers & Chandonnet	Deschaillons	Deschaillons
East Angus Brick & Tile Reg'd.(a) (b)	Box 553, East Angus	East Angus
Isherwood, J.	South Bolton	South Bolton
Laprairie Co. Inc., The (a) (b)	906 University Tower Bldg., Montreal	Laprairie and Delson Junction
Montreal Terra Cotta Limited (a)	1010 Ste. Catherine St. W., Montreal	Deschaillons and Lakeside
Potvin, Arthur (a)	Mitchell Station	Mitchell Station
Potvin, J.B. (a)	Deschaillons	Deschaillons
Roy, Philippe (a)	St. George West	St. George West
St. Lawrence Brick Co., Limited (b)	1010 Ste. Catherine St. W., Montreal	Laprairie
St-Tite Briqueterie Ltée	St-Tite	St-Tite
Scott Brique Ltée., La (a).....	Scott Junction	Scott Junction
Standard Clay Products Limited (a).....	Box 189, St. Johns	St. Johns
Victoria Brique Limitée (a).....	28, rue Laurier, Victoriaville	Victoriaville
Ontario:		
Bannerman, M. (a)	Greenock	Greenock
Barnes, Wm. R., Co. Ltd.	243 Cumberland Ave., Hamilton	Waterdown
Bartlett Brick & Tile Co. (a)	210 Norfolk St., Stratford	Stratford
Bauman, N. (a)	Wallenstein	Waterloo Co.
Beaverton Brick & Tile (a)	Beaverton	Beaverton
Bracebridge Brick Works (a)	Bracebridge	Bracebridge
Brampton Pressed Brick Co. Limited (b) ..	Brampton	Brampton
Broadwell, B., & Son (a)	Box 537, Kingsville	Kingsville
Canadian Pressed Brick Co. Ltd., (The) (b)	Kenilworth Drive, Hamilton	Hamilton
Central Tile Brick Corporation Ltd. (a) ...	Tilbury	Belle River and Tilbury
Construction Materials Limited (a) (b)	Drawer 70, New Toronto	New Toronto
Cooksville Company Limited (The) (b)	1055 Yonge St., Toronto	Cooksville
Cornhill, James, & Sons Ltd. (a)	Box 36, Chatham	Harwich Tp.
Coutlis, Geo., & Son (b)	Thedford	Bosanquet Tp.
Crang-Booth Limited (a)	New Toronto	North York
Curtin, F., Estate (a).....	R.R. 4, Lindsay	Lindsay
Curtis Bros. (a).....	Box 809, Peterborough	Otonabee Tp.
Deller, Albert, & Son (a)	Brownsville	Brownsville
Dochart Brick & Tile Works (a)	Box 397, Arnprior	Arnprior
Douglas, John R., & Sons (a)	Wilkesport	Wilkesport
Dresden Tile Yard (a)	R.R. 2, Dresden	Dresden

List of Firms in the Domestic Clay Products Industry, 1952 — Continued

(a) Clay used (b) Shale used (c) Idle, 1952 (d) Produce bentonite

Name of firm	Head office address	Location of plant
Ontario — concluded:		
Elliott's Brickyard (a)	Box 427, Sault Ste. Marie	Korah Tp.
Elliott, Wm. J. (a)	Glenannan	Glenannan
Fletcher Brick & Tile (a).....	Fletcher	Tilbury E. Tp.
Frid Bros. Limited (a)	690 Main St. W., Hamilton	Hamilton
Gomoll Brick Works (a)	Powassan	Himsworth S. Tp.
Grey, Bruce, Brick & Tile Limited.....	940 — 4th Ave. E., Owen Sound.....	Shallow Lake
Hamilton Pressed Brick Co. Limited (a)(b)	211 Kensington Ave. S., Hamilton	Wentworth Co.
Hill, Aaron (a)	Essex	Essex
Hill, A.W., & Sons (a).....	Coatsworth	Tilbury E. Tp.
Hodder's Tile Yard (a)	Dutton	Dutton
Howlett, Fred W., & Sons (a).....	Box 849, Petrolia	Petrolia
Huntsville Brick Works (a).....	Box 219, Huntsville	Huntsville
International Ceramic Mining Ltd.	54 Wellington St. W., Toronto	Melissa
Interprovincial Erick Company Limited (b)	1055 Yonge St., Toronto	Cheltenham and Milton
Janes, D.A. (a)	Mt. Brydges	Caradoc Tp.
Kitchener Brick & Tile Co. Ltd. (a) (b)....	60 Heiman St., Kitchener	Waterloo Tp.
Lindsay, Earl, & Sons (a)	R.R. 2, Wallaceburg	Wallaceburg
Martin, Amos (a)	R.R. 3, Wallenstein	Peel Tp.
McFarlane, W.J. (a).....	Forest	Forest
McFarren, F.B. (b)	120 Wellington St. W., Toronto	Streetsville
Milton Brick Co. Limited (b)	170 Bloor St. W., Toronto	Milton
Napanee Brick & Tile Works (a)	R.R. 3, Napanee	Napanee
National Fire Proofing Company of Canada Ltd. (a) (b)	57 Bloor St. W., Toronto	Aldershot
National Sewer Pipe Company Ltd. (a) (b)	320 Bay St., Toronto	Hamilton and Swansea
Norwich Brick & Tile Works (a)	R.R. 2, Norwich	Norwich
Ontario Reformatory (a) (b)	Mimico	Mimico
Ottawa Brick & Terra Cotta Co. Ltd., The (a) (b)	Billings Bridge	Billings Bridge
Owen Sound Brick Company Ltd. (a)	473 — 7th Avenue E., Owen Sound	Owen Sound
Paisley Brick & Tile Yard (a).....	Box 220, Paisley	Paisley
Pascoe Brick (a)	Chapman Ave., Regent Park	East York Tp.
Paxton Brick & Coal Co. Limited (a).....	79 Herrick Ave., St. Catharines	St. Catharines
Phippen Brick Co. (a).....	390 Dawes Rd., Toronto	East York
Rydall, J.A.	R.R. 2, London	London
St. Clements Tile Yard (a)	St. Clements	St. Clements
Sprott & Sprott (a)	R.R. 4, Seaforth	Tuckersmith Tp.
Superior Brick & Tile Co. Limited (a)	426 Victoria Ave., Fort William	Paipoonge Tp.
Thomson, Ralph (a)	R.R. 4, Atwood	Grey Tp.
Toronto Brick Co., Ltd. (a) (b)	897 Bay St., Toronto	Todmorden and Toronto
Wagstaff Brick and Tile Co. (a)	R.R. 4, Lindsay	Lindsay
Wallace, R., & Son (a)	238 First Ave. E., North Bay	Widdifield Tp.
Wright, F.M., & Son (a)	Comber	Tilbury W. Tp.
Wright Brick Co. (a)	Box 84 "H", Toronto	East York Tp.
Manitoba:		
Alsip Brick, Tile & Lumber Company Limited (a)	508 Portage Ave., Winnipeg	Portage la Prairie, Whitemouth and Winnipeg
Leary Brick Works (b)	Leary	Leary
Pembina Mountain Clay Ltd. (d)	915 Paris Bldg., Winnipeg	Morden

List of Firms in the Domestic Clay Products Industry, 1952 — Concluded

(a) Clay used (b) Shale used (c) Idle, 1952 (d) Produce bentonite

Name of firm	Head office address	Location of plant
Saskatchewan:		
Bruno Clay Works Limited (a)	508 Portage Ave., Winnipeg, Manitoba	Bruno
Dominion Fire Brick & Clay Products Ltd., The (a)	Box 99, Moose Jaw	Claybank
Saskatchewan Minerals Clay Products Division (a)	Estevan	Estevan
Alberta:		
Acme Brick & Tile Co., The (a)	125 Alberta Block, Edmonton	Cannell
Aetna Coals Limited (d)	Wayne	Wayne
Alberta Clay Products Co. Ltd. (a)	Box 672, Medicine Hat	Medicine Hat
Alexandra Brick & Tile Co. (Canada) Ltd. (a)	125 Alberta Block, Edmonton	Edmonton
Grande Prairie Brick Yard (a)	Grande Prairie	Grande Prairie
Gunderson Brick & Coal Co. Ltd. (a)	Redcliff	Redcliff
Kidd, Gordon L. (d)	Box 230, Drumheller	Drumheller
Little, J.B., & Sons Ltd. (a)	9120-100th Ave., Edmonton	Riverdale
Medicine Hat Brick & Tile Co. Ltd. (a)	Box 100, Medicine Hat	Medicine Hat
Redcliff Premier Brick Co. Ltd. (a)	Redcliff	Redcliff
Redcliff Pressed Brick Co. Ltd. (a) (b)	Redcliff	Redcliff
British Columbia:		
Baker Brick & Tile Company Limited (a) ..	3191 Douglas St., Victoria	Victoria
Bazan Bay Brick & Tile Co. (a)	Saanichton	Saanichton
Bear Creek Brick (a)	2521 Maple St., Vancouver	Surrey
Clayburn Company Limited (a)	850 West Hastings St., Vancouver	Kilgard and Abbotsford
Fairey & Company Limited (a)	661 Taylor St., Vancouver	Vancouver
Fraser Valley Brick (c)	2521 Maple St., Vancouver	Abbotsford
Mainland Clay Products Limited (a)	8699 Angus Drive, Vancouver	Barnett
Port Haney Brick Co. Ltd., The (a)	846 Howe St., Vancouver	Haney
Richmond, Geo. W., Co. (a)	2890-12th Ave. E., Vancouver	Kilgard

Producers of Stoneware and Pottery — 1952

Name of firm	Head office address	Location of plant
Nova Scotia:		
The Lorenzen Pottery (a) (b)	Lantz	Lantz
New Brunswick:		
Canuck Pottery (a)	Box 116, Saint John	Little River
The Dykelands (a)	Moss Glen	Moss Glen
Quebec:		
Elsterman Quebec Art Pottery (a) (b)	Box 552, Ste. Agathe des Monts	Ste. Agathe des Monts
Fauncerie de Blainville, La (a)	Ste-Thérèse	Ste-Thérèse
Ontario:		
Bertsch, L. (a)	73 Catherine Ave., Aurora	Aurora
Foster Pottery Company (a)	Main St. W., Hamilton	Hamilton
Royal Canadian Art Pottery (a)	Hamilton	Hamilton
Zavi, Jarko (a)	H.O. R.R.5, Cobourg	Cobourg
Alberta:		
Alberta Potteries Limited (a)	Medicine Hat	Redcliff
Medalta Potteries Limited (a)	Medicine Hat	Medicine Hat

II. Production from Imported Clays, 1952

This industry covers the operations of Canadian plants which were occupied chiefly in making ceramic products from imported clays. Products made in these plants during 1952 included high tension insulators, vitreous china sanitaryware, china dinnerware, firebrick, sewer pipe, floor and wall tile, refractory cements, electrical porcelains, etc.

Thirty-four plants reported in this group for 1952 and their output was valued at \$15,677,596 against last year's total of \$16,948,304 and the 1950 figure of \$15,095,524. The total number of employees was 2,432 and payments for salaries and wages amounted to \$6,300,265. Fuel and electricity cost \$835,362 and materials for use in manufacturing processes cost \$4,050,520.

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

TABLE 24. Principal Statistics of the Imported Clay 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	38	2,288	4,796,958	722,085	2,825,026	12,363,734
1949	40	2,356	5,332,757	746,597	3,526,190	14,457,162
1950	38	2,209	5,319,493	764,460	3,670,791	15,095,524
1951	35	2,526	6,372,732	870,710	4,382,230	16,948,304
1952	34	2,432	6,300,265	835,362	4,050,520	15,677,596 ¹
Per cent change 1952 from 1951	-	- 3.7	- 1.1	- 4.1	- 7.6	- 7.5

1. The 1952 total represents the value of factory shipments. The inventory value of finished products at plant at end of 1951 amounted to \$622,000 and at end of 1952 to \$842,000.

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.

TABLE 25. Principal Statistics of the Imported Clay Products Industry, 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	10	644	1,557,784	298,973	790,751	4,853,972
Ontario	22	1,594	4,315,872	547,428	3,396,862	11,213,819
Alberta	3	288	499,076	24,309	194,617	880,513
Canada	35	2,526	6,372,732	870,710	4,382,230	16,948,304
1952						
Quebec	11	754	1,737,276	316,389	903,704	4,069,983
Ontario	20	1,388	4,049,906	493,630	2,943,067	10,598,667
Alberta	3	290	513,083	25,343	203,749	998,946
Canada	34	2,432	6,300,265	835,362	4,050,520	15,677,596

TABLE 26. Products Made in the Imported Clay Products Industry, 1951 and 1952

Product	Selling value, f.o.b. works	
	1951	1952
	\$	\$
Firebrick and stove linings:		
Rigid	851,282	823,528
Plastic	455,151	443,674
High temperature cements	521,170	491,813
Electrical porcelains (high tension insulators and other electrical porcelains)	6,138,625	6,091,131
Pottery — artware	158,289	252,760
Pottery, other (sanitaryware, tableware, stoneware, etc.)	7,194,377	5,841,613
All other products ¹	1,629,410	1,723,077
Total	16,948,304	15,667,596

1. Includes sewer pipe, floor tile, wall tile, flue lining, etc.

TABLE 27. Materials Used in the Imported Clay Products Industry, 1951 and 1952

Material	1951		1952	
	Short tons	Total cost at works	Short tons	Total cost at works
	\$	\$		\$
Imported clays:				
Ball clay	9,374	265,561	7,316	195,065
China clay	7,158	229,495	5,480	183,220
Fireclay	40,595	389,974	34,113	330,769
Saggar clay	971	26,323	517	13,138
Other imported clays	1,744	23,377	3,118	76,585
Canadian clays:				
China clay	546	6,839	480	4,800
Fireclay	20	166	—	—
Other Canadian clays	—	8,611	358	3,973
Firebrick, ground or broken (grog), including scrap brick	—	201,483	—	213,589
Feldspar	5,828	176,022	4,936	155,728
Nepheline syenite	1,709	50,193	1,125	36,718
Silica sand and ground quartz	7,911	141,747	6,916	119,425
Sodium silicate	551	18,920	615	20,283
Talc	894	33,103	1,164	49,683
Other glazing materials	—	149,105	—	163,761
Insulator hardware	—	1,473,687	—	1,441,019
Shipping containers and packing materials	—	642,190	—	532,034
All other materials and process supplies	—	545,434	—	510,730
Total	—	4,382,230	—	4,050,520

TABLE 28. Total Production of Rigid Refractory Shapes, 1943-1952

Year	From domestic clays			Silica brick		Others ¹		Total	
	Fireclay blocks and shapes	Firebrick				Rigid firebrick and stove linings			
	\$	M	\$	M	\$	Tons	\$		
1943	262,154	3,644	192,618	4,165	295,505	31,341	1,461,484	2,211,761	
1944	221,251	3,180	164,837	3,764	296,292	29,400	1,706,706	2,389,036	
1945	225,275	3,466	186,551	4,208	317,263	26,532	1,484,301	2,213,490	
1946	222,430	3,367	205,849	2,902	197,804	26,832	1,603,185	2,229,268	
1947	274,783	3,780	250,688	3,094	303,406	30,092	1,779,341	2,608,198	
1948	318,810	4,111	311,517	3,464	393,821	37,241	2,540,611	3,564,759	
1949	311,104	1,127	87,186	3,663	453,797	37,018	2,521,321	3,373,408	
1950	340,137	1,631	132,052	3,126	408,813	42,688	3,381,795	4,262,797	
1951	374,707	2,880	245,722	3,510	465,229	51,205	4,456,054	5,541,712	
1952	395,017	3,198	280,146	3,544	606,394	51,483	4,632,345	5,913,902	

1. Includes shapes made from imported clays, magnesite, etc.

TABLE 29. Total Production of Refractory Cements and Plastics, 1943-1952

Year	Short tons	Selling value at works	Year		Short tons	Selling value at works
			\$	\$		
1943	18,619	1,100,310	1948	22,007	1,439,518	
1944	17,383	980,365	1949	21,619	1,476,000	
1945	18,308	1,061,786	1950	23,326	1,784,000	
1946	18,166	1,071,224	1951	24,925	2,075,574	
1947	21,118	1,283,480	1952	24,734	2,122,101	

TABLE 30. Employees and Their Earnings in the Imported Clay 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	55	21	418	150	644	222,333	1,335,451	1,557,784
Ontario	151	59	1,018	366	1,594	865,009	3,450,863	4,315,872
Alberta	6	5	137	140	288	20,128	478,948	499,076
Canada	212	85	1,573	656	2,526	1,107,470	5,265,262	6,372,732
1952								
Quebec	84	31	454	185	754	311,318	1,425,958	1,737,276
Ontario	146	62	892	288	1,388	854,384	3,195,522	4,049,906
Alberta	5	5	148	132	290	22,697	490,386	513,083
Canada	235	98	1,494	605	2,432	1,188,399	5,111,866	6,300,265

TABLE 31. Capital and Repair Expenditures in the Imported Clay Products Industry, 1949-1952

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							
1949	159	304	463	51	271	322	785
1950	146	496	642	100	226	326	968
1951	175	232	407	77	358	435	842
1952 ¹	196	371	567	113	233	346	913

1. Preliminary.

List of Firms in the Imported Clay Products Industry - 1952

Name of firm	Address
Quebec:	
Canada Firebrick Company Limited	4741 St. Ambroise St., Montreal
Canadian Potteries Limited	5, boul. du Séminaire, St. Johns
Cowansville Potteries Inc.	Cowansville
La Poterie Decor Enrg.	Rimouski
Laurentian Art Pottery Inc.	Ave de la Poterie, St -Jérôme
Pilkington's Tiles (Canada) Limited.	70 Bois Franc Road, Ville St. Laurent
Standard Clay Products	St. Johns
St. Lawrence Ceramics Ltd.	280 St. Sacrement, Quebec
Syndicat des Ceramics Paysans de la (Beauce) Quebec.....	St-Joseph, Co. Beauce
Vandesca Pottery Ltd.	405 Salaberry St., Joliette
Walker-Hind-Sutherland Refractories Ltd.	309 St. Ferdinand St., Montreal
Ontario:	
Ball, R. N.	456 Joint St., Woodstock
Canadian Ohio Brass Company Limited	Thorold Rd., Niagara Falls
Canadian Porcelain Company Limited.	Paradise Rd., Hamilton
Canada Vitrified Products Limited	64 Burwell Road, St. Thomas
Electro Porcelain Limited.	173 Roger St., Waterloo
Frontenac Floor & Wall Tile Co. Limited.	Kingston
Georgetown Clay Products Limited	King St., Georgetown
Green, A. P., Fire Brick Co. Ltd. (2 Plants)....	234 Rosemount Ave., (Weston) Toronto; and Acton.
Hamilton Porcelains Limited	38 Elgin St., Brantford
Industrial Ceramics Ltd.	Cooksville
McMaster Pottery Limited	122 Hatt St., Dundas
National Refractories Limited	Port Robinson
Plibrico (Canada) Limited.	Horner Ave., Etobicoke Township
Robinson Clay Product Co. of Canada Ltd.	119 Shaftesbury Ave., Toronto
Rowland Fire Brick Co.	1347 Dufferin St., Toronto
Sovereign Potters Limited.	282 Sherman Ave. N., Hamilton
Sutton Ceramics Limited	Sutton
Wyatt Art Pottery	31 Leighland Ave., Burlington
York China and Artware Co. Ltd.	615 Spadina Ave., Toronto
Alberta:	
Medalta Potteries Limited.	Industrial Site, Medicine Hat
Medicine Hat Potteries	Industrial Site, Medicine Hat
National Porcelain Limited.	Industrial Ave., Medicine Hat

III. The Sand-Lime Brick Industry, 1952

Four plants in Canada operated in this industry during 1952. Three of these were located in Ontario and 1 in Quebec. Factory shipments, including some building blocks, haydite tile, etc., were valued at \$1,652,594 compared with the 1951 total of \$1,855,135.

Employees in these works numbered 183 in 1952, and they were paid \$540,108 in salaries and

wages. Expenditures for fuel and electricity amounted to \$71,933 and for processing materials to \$516,331.

Factory shipments of sand-lime brick amounted to 35,909 M valued at \$957,382, a decline in both quantity and value from the output of 47,461 M bricks at \$1,194,342 in the previous year. Output of sand-lime building blocks increased to 490 M at \$113,809 from 452 M at \$109,977 in 1951.

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

TABLE 32. Principal Statistics of the Sand-Lime Brick 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 ¹
1948	5	206	\$440,816	\$82,222	\$360,266	\$1,452,366
1949	5	184	415,344	83,025	330,906	1,380,739
1950	5	175	434,761	90,631	336,535	1,553,469
1951	5	198	541,034	88,494	512,094	1,855,135
1952	4	183	540,108	71,933	516,331	1,652,594

1. The 1952 total represents the value of factory shipments. The inventory value of finished products at plant at end of 1951 amounted to \$62,000 and at end of 1952 to \$51,000.

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.

TABLE 33. Products Made in the Sand-Lime Brick Industry, 1951 and 1952

Product	1951		1952	
	Quantity	Selling value at works	Quantity	Selling value at works
		M		\$
Sand-lime brick	47,461	1,194,342	35,909	957,382
Sand-lime building blocks	452	109,977	490	113,809
Other products ¹	—	550,816	—	581,403
Total	—	1,855,135	—	1,652,594

1. Includes cement blocks and haydite tile, etc.

TABLE 34. Materials Used in the Sand-Lime Brick Industry, 1951 and 1952

Material	1951		1952	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Portland cement	bags	53,855	45,126	73,954
Quicklime	tons	11,372	156,439	8,379
Sand and gravel	cu. yd	122,417	164,471	63,949
Other materials	—	—	146,058	—
Total	—	—	512,094	—
				516,331

TABLE 35. Production of Sand-Lime Brick in Canada, 1943-1952 (From all industries)

Year	Quantity	Selling value at works	Year		Quantity	Selling value at works
			M	\$		
1943	9,088	123,268	1948		40,006	793,402
1944	12,235	171,594	1949		43,260	939,435
1945	15,514	260,136	1950		46,993	1,074,955
1946	39,096	572,008	1951		48,313	1,220,563
1947	35,017	527,275	1952		36,852	987,561

TABLE 36. Employees, Salaries and Wages, 1951 and 1952

		1951	1952
Supervisory and office employees:			
Male	No.	15	1
Female	No.	1	1
Total	No.	16	12
Production workers:			
Male	No.	179	171
Female	No.	3	—
Total	No.	182	171
Total employees	No.	198	183
Salaries	\$	55,029	51,190
Wages	\$	486,005	488,918
Total salaries and wages	\$	541,034	540,108

TABLE 37. Capital and Repair Expenditures in the Sand-Lime Brick Industry, 1949-1952

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							
1949.....	—	19	19	15	62	77	96
1950.....	1	10	11	4	69	73	84
1951.....	4	29	33	24	68	92	125
1952 ¹	3	22	25	14	89	103	128

1. Preliminary.

List of Firms in the Sand-Lime Brick Industry, 1952

Name of firm	Address
Standard Lime Company Limited	1595 St. Gregoire St., Montreal, Quebec
Cooksville Company Limited, The	447 Victoria Park Ave., Toronto, Ontario
Harbour Brick Co. Ltd.	565 Fleet St. West, Toronto, Ontario
Toronto Brick Co. Ltd.	2550 Gerrard St. E., Toronto, Ontario

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