

28.—Value (Total Sales) of Clay Products Produced by Province 1947-56—concluded

Year	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
	\$	\$	\$	\$	\$
1947.....	392,518	495,016	1,771,250	1,147,144	14,486,189
1948.....	517,181	509,593	2,055,738	1,392,417	17,629,048
1949.....	514,705	545,588	1,603,199	707,295	17,981,709
1950.....	690,730	581,506	1,950,309	1,081,496	21,790,888
1951.....	673,698	616,655	1,787,731	1,213,329	23,527,656
1952.....	575,088	711,778	1,964,618	1,183,195	24,961,528
1953.....	568,477	742,959	2,135,085	1,536,458	29,777,731
1954.....	512,989	844,398	2,316,982	1,696,731	32,360,098
1955.....	635,554	992,307	2,800,481	2,115,415	35,259,770
1956.....	537,300	1,026,567	3,055,020	2,091,255	38,062,112

**Sand, Gravel and Stone.**—Deposits of sand and gravel are numerous throughout Eastern Canada with the exception of Prince Edward Island where gravels are scarce. The local needs for these materials are usually supplied from the nearest deposits as their cost to the consumer is governed largely by the length of the haul. This accounts for the large number of small pits and the small number of large plants. Every province except New Brunswick and Prince Edward Island produces natural bonded sand but some grades particularly suitable for certain industries demand a much higher price than ordinary sand. Quebec and Ontario contributed 71.3 p.c. of the total quantity of sand and gravel in 1956. The greater part of the output is used in road improvement, concrete works and railway ballast, and most of the commercial plants are equipped for producing crushed gravel, a product that can compete with crushed stone.

The stone industry has two main divisions, stone quarrying and the stone products industry. The granite, limestone, marble, sandstone and slate quarries of Canada yield high grade structural and decorative materials and also supply requirements for chemical and other allied industries. The gross value of stone of all varieties produced in Canada in 1956 totalled \$48,809,918 as compared with \$43,736,687 in 1955.

29.—Quantity and Value of Sand, Sand and Gravel, and Stone Produced 1954-56

Material and Purpose	1954		1955		1956	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
<b>Sand—</b>	tons	\$	tons	\$	tons	\$
Moulding sand.....	18,331	48,544	15,838	43,468	26,871	71,163
For building, concrete, roads, etc..	8,961,378	6,950,734	12,341,052	9,879,011	11,902,438	9,219,153
Other.....	374,704	136,395	427,295	220,031	553,030	369,680
<b>Sand and Gravel—</b>						
For railway ballast.....	6,083,110	2,433,413	5,129,714	1,711,776	7,124,461	2,493,086
For concrete, roads, etc.....	73,899,831	35,652,959	83,941,517	40,245,390	102,177,661	51,832,543
For mine filling.....	4,405,652	1,345,235	5,249,860	1,467,341	2,947,289	848,259
Crushed gravel.....	17,218,028	12,420,391	20,419,198	14,208,036	24,069,518	17,123,468
<b>Totals, Sand and Gravel.....</b>	<b>110,961,034</b>	<b>58,987,671</b>	<b>127,524,474</b>	<b>67,775,053</b>	<b>148,801,268</b>	<b>81,957,352</b>
<b>Stone—</b>						
Building.....	134,718	5,071,852	137,664	5,103,812	139,473	4,929,535
Monumental and ornamental.....	18,424	1,483,344	14,889	1,152,288	15,019	1,159,881
Limestone for agriculture.....	364,296	935,020	426,041	1,031,621	476,506	1,232,874
<b>Chemical Uses—</b>						
Flux.....	1,177,128	1,500,407	1,546,288	1,824,847	1,667,251	2,093,475
Pulp and paper.....	461,981	1,384,391	450,329	1,376,294	433,840	1,260,158
Other.....	56,227	66,857	437,620	506,989	295,865	368,195
Rubble and riprap.....	10,469,944	6,975,942	2,116,646	2,628,355	1,838,988	1,383,843
Crushed.....	19,747,430	20,953,361	25,051,872	28,480,399	28,407,923	34,299,571
<b>Totals, Stone<sup>1</sup>.....</b>	<b>32,767,925</b>	<b>39,857,134</b>	<b>30,512,920</b>	<b>43,736,687</b>	<b>33,257,318</b>	<b>48,809,918</b>

<sup>1</sup> Includes minor items not specified.