

Sand and Gravel.—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. By far the greatest part of production comes from the Niagara Peninsula, Ont.

Some grades of sand particularly suitable for certain industries demand a much higher price than ordinary sand. Commercial production of sand and gravel is greatest in Quebec and Ontario; these two provinces contributed 74 p.c. of the total quantity in 1947.

The greater part of the output of gravel and sand 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.

Stone.—The stone industry in Canada has two main divisions, stone quarrying and the stone products industry. The kind of stone quarried in Canada includes granite, limestone, marble, sandstone and slate. The products of these quarries 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 1947, totalled \$12,263,534 as compared with \$11,185,711 in 1946.

33.—Quantities and Values of Sand, Sand and Gravel, and Stone Produced, 1944-46

Material and Purpose	1944		1945		1946	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
	tons	\$	tons	\$	tons	\$
Sand—						
Moulding sand.....	31,947	65,168	31,611	57,842	32,375	61,419
For building, concrete, roads, etc.....	1,605,514	743,191	2,247,887	918,739	3,421,830	1,681,572
Other.....	50,513	18,761	191,510	68,468	61,801	19,117
Sand and Gravel—						
For railway ballast.....	4,428,721	900,610	4,625,513	1,116,297	3,968,123	867,616
For concrete, roads, etc.....	16,648,511	6,898,582	17,582,686	6,573,527	26,640,116	10,530,718
For mine filling.....	3,007,422	397,578	1,974,885	376,935	2,024,029	426,063
Crushed gravel.....	2,627,358	1,256,229	3,096,611	1,456,555	3,801,720	1,943,195
Totals, Sand, Sand and Gravel...	28,399,986	10,280,119	29,750,703	10,568,363	39,949,994	15,529,700
Stone—						
Building.....	23,142	396,202	56,711	751,401	70,928	1,411,298
Monumental and ornamental.....	15,942	737,564	16,229	786,403	22,233	1,129,046
Limestone for agriculture.....	316,945	601,042	419,579	891,802	480,639	1,044,651
Chemical Uses—						
Flux.....	626,052	523,554	538,798	489,055	415,389	370,074
Pulp and paper.....	208,665	374,137	212,051	413,055	247,388	478,074
Other.....	274,645	272,681	300,665	313,059	208,371	215,917
Rubble and riprap.....	201,601	187,823	241,780	237,018	326,265	286,142
Crushed.....	4,219,635	3,641,959	4,282,286	3,742,506	6,073,451	5,340,831
Totals, Stone¹.....	5,994,992	7,159,177	6,205,555	8,166,700	8,056,260	11,185,711

¹ Totals include minor items not specified.