

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. The greatest part of production of sand 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 68 p.c. of the total quantity in 1948.

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 1948, totalled \$17,080,999 as compared with \$16,464,749 in 1947.

33.—Quantities and Values of Sand, Sand and Gravel, and Stone Produced, 1945-47

Material and Purpose	1945		1946		1947	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
	tons	\$	tons	\$	tons	\$
Sand—						
Moulding sand.....	31,611	57,842	32,375	61,419	26,397	61,736
For building, concrete, roads, etc.....	2,247,887	918,739	3,421,830	1,681,572	3,418,072	1,981,328
Other.....	191,610	68,468	61,801	19,117	46,172	18,350
Sand and Gravel—						
For railway ballast.....	4,625,513	1,116,297	3,968,123	867,616	4,161,151	986,241
For concrete, roads, etc.....	17,582,686	6,573,527	26,640,116	10,530,718	41,887,705	16,619,097
For mine filling.....	1,974,885	376,935	2,024,029	426,063	1,893,843	429,946
Crushed gravel.....	3,096,611	1,456,555	3,801,720	1,943,195	5,356,229	3,017,733
Totals, Sand, Sand and Gravel.....	29,750,703	10,568,363	39,949,994	15,529,700	56,789,569	23,114,431
Stone—						
Building.....	56,711	751,401	70,928	1,411,298	102,841	2,098,865
Monumental and ornamental.....	16,229	786,403	22,233	1,129,046	21,708	1,475,899
Limestone for agriculture.....	419,579	891,802	480,639	1,044,651	450,553	1,056,299
Chemical Uses—						
Flux.....	538,798	489,055	415,389	370,074	530,467	545,287
Pulp and paper.....	212,051	413,055	247,388	478,074	311,024	696,830
Other.....	300,665	313,059	208,371	215,917	313,110	504,005
Rubble and riprap.....	241,780	237,018	326,265	286,142	593,406	752,608
Crushed.....	4,282,286	3,742,506	6,073,451	5,340,831	8,254,311	8,119,479
Totals, Stone.....	6,205,555	8,166,700	8,056,260	11,185,711	10,889,388	16,464,749

¹ Totals include minor items not specified.