

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 76 p.c. of the total quantity of sand and gravel in 1951. 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 1950 totalled \$25,895,357 as compared with \$20,528,073 in 1949.

29.—Quantities and Values of Sand, Sand and Gravel, and Stone Produced, in 1949 and 1950, compared with 1946

Material and Purpose	1946		1949		1950	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
	tons	\$	tons	\$	tons	\$
Sand—						
Moulding sand.....	32,375	61,419	70,693	99,668	40,274	108,855
For building, concrete, roads, etc.....	3,421,830	1,681,572	6,931,874	3,556,130	6,850,339	4,151,672
Other.....	61,801	19,117	118,566	29,121	127,867	41,475
Sand and Gravel—						
For railway ballast.....	3,968,123	867,616	5,322,728	1,358,523	5,132,371	1,361,439
For concrete, roads, etc.....	26,640,116	10,530,718	42,086,698	19,758,109	49,768,234	24,512,834
For mine filling.....	2,024,029	426,063	2,157,346	530,185	3,385,384	800,988
Crushed gravel.....	3,801,720	1,943,195	6,668,403	5,849,805	7,790,694	5,457,496
Totals, Sand, Sand and Gravel....	39,949,994	15,529,790	63,356,308	31,181,541	73,095,163	36,434,759
Stone—						
Building.....	70,928	1,411,298	89,702	2,439,600	118,840	3,266,937
Monumental and ornamental.....	22,233	1,129,046	22,946	1,370,856	13,799	1,073,681
Limestone for agriculture.....	480,639	1,044,651	649,470	1,303,191	568,280	1,256,094
Chemical Uses—						
Flux.....	415,389	370,074	976,766	1,190,128	937,625	1,184,113
Pulp and paper.....	247,388	478,074	323,098	821,090	381,513	955,066
Other.....	208,371	215,917	82,691	157,071	75,081	145,198
Rubble and riprap.....	326,265	286,142	2,152,969	2,412,995	1,845,973	2,009,971
Crushed.....	6,073,451	5,340,831	9,438,685	9,649,872	13,944,649	14,713,321
Totals, Stone¹.....	8,056,260	11,185,711	13,928,039	20,528,073	18,087,064	25,895,357

¹ Totals include minor items not specified.