

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 73 p.c. of the total quantity of sand and gravel in 1952. 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 1952, totalled \$30,835,356 as compared with \$28,649,768 in 1951.

29.—Quantity and Value of Sand, Sand and Gravel, and Stone Produced, 1951-53

Material and Purpose	1951		1952		1953	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
	tons	\$	tons	\$	tons	\$
Sand—						
Moulding sand.....	36,421	86,900	23,434	65,625	20,675	61,222
For building, concrete, roads, etc.....	7,972,740	5,116,901	8,069,333	5,743,760	8,619,698	6,683,894
Other.....	365,635	162,189	712,224	389,606	506,765	248,622
Sand and Gravel—						
For railway ballast.....	6,991,189	2,291,532	7,122,550	2,403,865	8,436,245	3,032,939
For concrete, roads, etc....	62,305,240	27,941,202	68,157,943	31,125,978	66,125,694	32,228,212
For mine filling.....	3,412,226	950,941	3,898,609	1,159,186	3,007,909	1,074,757
Crushed gravel.....	11,889,370	8,077,894	14,911,452	10,451,023	14,316,963	10,155,755
Totals, Sand and Gravel.	92,972,821	44,627,559	102,895,545	51,339,043	101,033,949	53,485,401
Stone—						
Building.....	124,185	4,575,321	109,205	4,229,790	118,233	4,270,095
Monumental and ornamental.....	14,116	1,086,159	11,948	1,045,429	16,398	974,757
Limestone for agriculture.....	571,018	1,368,320	466,817	1,203,345	515,223	1,251,850
Chemical Uses—						
Flux.....	1,038,650	1,411,501	1,221,345	1,651,115	1,401,808	1,703,846
Pulp and paper.....	464,773	1,158,099	456,522	1,310,368	408,969	1,158,977
Other.....	29,279	54,011	56,945	88,140	81,628	121,101
Rubble and riprap.....	1,600,180	2,123,705	1,977,855	2,435,767	1,199,162	1,873,574
Crushed.....	14,592,830	16,518,445	14,066,426	17,497,862	15,776,593	17,693,179
Totals, Stone¹.....	18,676,706	28,649,768	18,726,196	30,835,356	19,849,017	30,613,051

¹ Includes minor items not specified.