

**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 75 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 1951 totalled \$28,649,768 as compared with \$25,895,357 in 1950.

**29.—Quantity and Value of Sand, Sand and Gravel, and Stone Produced, 1949-51**

Material and Purpose	1949		1950		1951	
	Quantity	Gross Value	Quantity	Gross Value	Quantity	Gross Value
	tons	\$	tons	\$	tons	\$
<b>Sand—</b>						
Moulding sand.....	70,693	99,668	40,274	108,855	36,421	86,900
For building, concrete, roads, etc.....	6,931,874	3,556,130	6,850,339	4,151,672	7,972,740	5,116,901
Other.....	118,566	29,121	127,867	41,475	365,635	162,189
<b>Sand and Gravel—</b>						
For railway ballast.....	5,322,728	1,358,523	5,132,371	1,361,439	6,991,189	2,291,532
For concrete, roads, etc.....	42,086,698	19,758,109	49,768,234	24,512,834	62,305,240	27,941,202
For mine filling.....	2,157,346	530,185	3,385,384	800,988	3,412,226	950,941
Crushed gravel.....	6,668,403	5,849,805	7,790,694	5,457,496	11,889,370	8,077,894
<b>Totals, Sand and Gravel.....</b>	<b>63,356,308</b>	<b>31,181,541</b>	<b>73,095,163</b>	<b>36,434,759</b>	<b>92,972,821</b>	<b>44,627,559</b>
<b>Stone—</b>						
Building.....	89,702	2,439,600	118,840	3,266,937	124,185	4,575,321
Monumental and ornamental.....	22,946	1,370,856	13,799	1,073,681	14,116	1,086,159
Limestone for agriculture.....	649,470	1,303,191	568,280	1,256,094	571,018	1,368,320
<b>Chemical Uses—</b>						
Flux.....	976,766	1,190,128	937,625	1,184,113	1,038,650	1,411,501
Pulp and paper.....	323,098	821,090	381,513	955,066	464,773	1,158,099
Other.....	82,691	157,071	75,081	145,198	29,279	54,011
Rubble and riprap.....	2,152,969	2,412,995	1,845,973	2,009,971	1,600,180	2,123,705
Crushed.....	9,438,685	9,649,872	13,944,649	14,713,321	14,592,830	16,518,445
<b>Totals, Stone<sup>1</sup>.....</b>	<b>13,928,039</b>	<b>20,528,073</b>	<b>18,087,064</b>	<b>25,895,357</b>	<b>18,676,706</b>	<b>28,649,768</b>

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