

the mileage and character of roads and highways in Canada; and (3) the improvement of railway roadbeds.

The provincial distribution of the 1937 production of sand and gravel, and stone, is shown in Table 5, p. 324, while the chief purposes for which these materials were produced are shown in Table 34.

34.—Production of Sand and Gravel, and Stone in Canada, by Principal Purposes, calendar years 1935-37.

Material and Purpose.	1935.		1936.		1937.	
	Quantity.	Gross Value.	Quantity.	Gross Value.	Quantity.	Gross Value.
	tons.	\$	tons.	\$	tons.	\$
Sand—						
Moulding sand.....	13,213	14,674	16,725	16,951	100,668	44,551
For building, concrete, roads, etc.....	787,412	264,435	958,502	382,542	1,356,269	476,824
Other.....	44,082	10,609	15,096	5,795	59,007	13,087
Sand and Gravel—						
For railway ballast.....	2,267,195	415,092	6,318,681	1,054,703	2,764,639	533,876
For concrete, roads, etc.....	17,531,047	5,357,331	14,336,640	5,216,942	19,453,133	8,340,764
For mine filling.....	1	-	1	-	1,170,260	146,811
Crushed gravel.....	570,540	327,299	480,516	264,466	2,097,270	936,783
Totals, Sand and Gravel.....	21,212,489	6,389,448	22,124,160	6,921,339	27,901,301	16,392,686
Stone—						
Building.....	209,899	1,258,741	42,335	714,616	49,098	746,370
Monumental and ornamental.....	15,163	342,950	8,975	281,656	8,301	278,325
Limestone for agriculture.....	87,884	134,716	94,031	116,397	112,638	131,071
Chemical Uses—						
Flux.....	269,629	186,858	279,299	187,240	345,742	266,780
Pulp and paper.....	160,870	165,784	197,957	197,523	200,893	219,461
Other.....	107,300	131,067	137,951	168,834	147,312	140,056
Rubble and riprap.....	314,484	198,537	475,845	250,581	899,556	608,453
Crushed.....	3,132,384	2,723,191	3,702,153	3,043,407	5,309,039	4,306,867
Totals, Stone¹.....	4,316,948	5,303,231	4,981,665	5,128,739	6,955,612	6,339,360

¹ Relatively small and included with "For concrete, roads, etc." not specified.

² Totals include minor items

The quantities and values of stone produced, given in the table above, represent only the production of those establishments which actually quarry their own stone and are exclusive of the products of the stone-dressing industry comprising those establishments which buy rough stone and dress, polish, or finish it; although dressing operations are frequently carried on right at the quarry and to that extent cannot be separated from the primary production. Of the total quantity of stone produced in 1937 about 80 p.c. was limestone, 16 p.c. granite, 3.4 p.c. sandstone, and 0.3 p.c. marble. The average value per ton was \$0.84 for limestone, \$1.61 for granite, \$1.46 for sandstone, and \$4.09 for marble. Prices averaged lower in 1937 than in 1936 because a larger proportion of all stone except marble was used for riprap and crushed stone. The marble was used chiefly for stucco dash, in glass factories, pulp and paper mills, and other industrial processes, for poultry grit, and pulverized as whiting. Large quantities of limestone were used for fluxing and other chemical purposes, but by far the largest part of all stone except marble was used as crushed stone.