

about \$27,000,000 were carried out on existing facilities: by addition of another kiln, the Villeneuve, Que., plant of the St. Lawrence Cement Company and the Picton, Ont., plant of Lake Ontario Cement Limited each doubled production capacity; also, about 2,000,000 bbl. of capacity was being added by the installation of a second kiln at the Montreal plant of Miron Company. The two new plants and the expansion of existing plant raised the annual rated capacity of the industry to 67,500,000 bbl. of portland cement at the end of 1965, an increase of 18 p.c. over rated capacity at the end of 1964. Plant expansions for completion in 1966 include the addition of a 1,000,000-bbl. kiln at Canada Cement's Havelock, N.B., plant, which will double its capacity; a new \$5,500,000 clinker-grinding mill at Floral near Saskatoon, Sask.; and a new Independent Cement Inc. plant at Joliette, Que., with an annual production capacity rated at 2,500,000 bbl.

Other additions to the industry are planned for the near future: a \$35,000,000, 3,000,000-bbl. integrated plant of the Lafarge Cement Quebec Ltd., at St. Constant, a few miles south of Montreal; the addition of a 3,250,000-bbl. kiln to the Woodstock, Ont., plant of the Canada Cement Company, which will raise its rated annual capacity to about 6,500,000 bbl.; expansion by the St. Lawrence Cement Company of its plant at Clarkson, Ont., by the addition of a new kiln and the installation of some most unusual and original machinery, which will raise the annual rated capacity of this plant to 10,000,000 bbl. by the end of 1967 and make it the largest cement manufacturing plant in Canada; and the installation of a new kiln by Ocean Cement Limited at their Bamberton plant on Vancouver Island, raising its annual rated capacity to 4,800,000 bbl. Thus, the annual rated capacity of domestic plants by the end of 1967 will be about 85,000,000 bbl., an increase of about 26 p.c. over the industry's capacity scheduled for 1966.

There is a trend toward the use of white cement in building designs; although none is being manufactured in Canada, some is ground here from imported white cement clinker.

21.—Producers' Shipments and Value, Imports, Exports and Apparent Consumption of Cement, 1954-65

NOTE.—Figures from 1910 are given in the corresponding table of previous Year Books beginning with the 1939 edition.

Year	Shipments (sold or used)		Imports ¹ tons	Exports tons	Apparent Consumption ² tons
	tons	\$			
1956.....	5,021,663	75,233,321	677,616 ²	124,561	5,574,738
1957.....	6,049,098	93,167,477	92,380	338,316	5,803,162
1958.....	6,153,421	96,414,142	41,550	141,250	6,053,721
1959.....	6,284,486	95,147,798	29,256	303,126	6,010,616
1960.....	5,767,225	93,261,473	22,473	181,117	5,628,596
1961.....	6,205,948	103,923,644	1,381	249,377	5,957,952
1962.....	6,878,729	113,233,726	2,973	219,164	6,662,538
1963.....	7,013,662	118,614,929	160	272,803	6,741,019
1964.....	7,347,384	130,794,220	250	297,669	7,549,965
1965 ³	8,426,971	144,582,127	90	334,887	8,092,174

¹ Standard portland cement, other than white.

² Shipments plus imports less exports.

³ Includes imported clinker.

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 haul. This accounts for the large number of small pits and the small number of large plants in operation. Every province except New Brunswick and Prince Edward Island produces natural bonded sand but some grades particularly suitable for certain industries command much higher prices than ordinary sand. The greater part of the sand and gravel output is used in road improvement, concrete works or as railway ballast, and most of the commercial plants are equipped for producing crushed gravel, a product that can compete with crushed stone. Shipments in 1965 were slightly lower than in 1964, although they were valued about \$4,000,000 higher.