

# **ADVANCE CHAPTER OF THE ANNUAL REPORT ON THE MINERAL PRODUCTION OF CANADA DURING THE CALENDAR YEAR 1910.**

## **STRUCTURAL MATERIALS AND CLAY PRODUCTS.**

The subjects included under this heading comprise, in the order treated: cement; clay products of various kinds, such as brick, sewerpipe and tile, pottery, etc.; lime; sand-lime brick; sands and gravels; slate; and stone for building and other purposes, including granite, marble, limestone, sandstone, etc.

The rapid growth of Canada's population, particularly in the west, and the development of industrial resources throughout the country are naturally accompanied by a greatly increased production of clay products and other structural material such as those enumerated above.

The record shows a total production of these products in 1910 valued at \$19,627,592, as compared with a value of \$16,533,349 in 1909; an increase of \$3,094,243 or 18.72 per cent.

Statistics of building permits issued in twenty-four cities representative of every province of the Dominion show a corresponding growth. The total permits for construction issued in 1910 were \$94,129,423, compared with permits of \$64,509,620 in 1909; an increase of 45.92 per cent.

A summary of the production of structural materials and clay products is shown below:—

	1906.	1907.	1908.	1909.	1910.
	\$	\$	\$	\$	\$
Cement.....	3,170,859	3,781,371	3,709,954	5,345,802	6,412,215
Clay products.....	5,072,635	5,772,117	4,500,702	6,450,840	7,629,956
Lime.....	1,009,177	974,595	712,947	1,132,756	1,137,079
Sand-lime brick.....		167,795	152,856	201,650	371,857
Sand and gravels (exports).....	139,712	119,853	161,387	256,166	407,974
Slate.....	24,446	20,056	13,496	19,000	18,492
Stone.....	2,113,699	2,027,262	2,088,613	3,127,135	3,650,019
Total.....	11,530,528	12,863,049	11,339,955	16,533,349	19,627,592

The increase in the value of cement sales in 1910 over 1909 was 20 per cent; clay products, an increase of 18 per cent; stone, an increase of 17 per cent; sand-lime brick, an increase of 84 per cent. There was only a small increase in the production of lime and about the same production of slate. Complete statistics