

THE PRODUCTION OF CEMENT IN CANADA, 1908.

The Mines Branch of the Department of Mines has received from the producers complete statistics of the production of Portland cement in Canada, in 1908.

According to these returns the total quantity of Portland cement made in Canada in 1908 was 3,495,961 barrels of 350 pounds net, as compared with 2,491,513 barrels in 1907, or an increase of 1,004,448 barrels or 40·3 per cent.

The total quantity of Canadian Portland cement sold in 1908 was 2,665,289 barrels as compared with 2,436,093 barrels in 1907, or an increase of 229,196 barrels or 9·4 per cent.

The total consumption of Portland cement in 1908, including Canadian and imported cements was 3,134,338 barrels (of 350 lbs. net) as compared with 3,108,723 barrels in 1907, or an increase of 25,615 barrels or 0·8 per cent.

In addition to the above, other important statistical returns respecting the stocks on hand at the beginning and end of the year, the total value and average price per barrel, the number of men employed and wages paid, the quantity and value of the imports, etc., for the years 1907 and 1908, are shown in comparative form in the following table.

Comparisons of Production, Sales and Imports of Portland Cement
in 1907 and 1908.

	1907.	1908.	INCREASE.	%	DECREASE..	%
Cement sold.....bls.	2,436,093	2,665,289	229,196	9·4		
Cement manufactured....."	2,491,513	3,495,961	1,004,448	40·3		
Stock on hand, Jan. 1....."	200,015	383,349	84,334	28·2		
Dec. 31....."	354,435	1,214,021	859,586	242·5		
Value of cement sold.....\$	3,777,328	3,709,139			68,189	1·8
Average price per bl.....\$	1·55	1·39			0·16	10·3
Wages paid.....\$	956,080	1,275,638	319,558	33·4		
Men employed.....No.	1,780	3,029	1,243	69·6		
Imports of Portland cement..bls.	672,630	409,049			263,581	39·3
Value of cement....."	837,520	531,045			306,475	36·6
Average price per bl.....\$	1·24	1·13			0·11	8·9
Total consumption of cement in Canada.....bls.	3,108,723	3,134,338	25,615	0·8		
No. of completed plants operated	17	23	6	35·3		
Total daily capacity of operating plants as at Dec. 31.....bls.	14,400	27,500	13,100	90·9		

The production of Portland cement in 1908 was derived from 23 operating plants, with a total daily capacity of 27,500 barrels, equivalent to about 8,250,000 barrels per year of 300 days, or 10,000,000 if all plants were run continuously for the whole year. The operating plants were distributed as follows: One in Nova Scotia using blast furnace slag; one in Manitoba making a natural Portland cement; one in British Columbia, two in Alberta and three in Quebec using limestone and clay; and fifteen in Ontario, of which 12 use marl and 3 limestone.