

DOMINION BUREAU OF STATISTICS - CANADA
Dominion Statistician: E. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.

Mining, Metallurgical and Chemical Branch
Chief: S. J. Cook, B.A., A.I.C., F.C.I.C.

XX
THE STONE INDUSTRY IN CANADA, 1927.

The stone industry in Canada includes two main divisions: (a) The Stone Quarrying Industry, including quarries and dressing works operated in conjunction with quarries; and (b) The Monumental and Ornamental Stone Industry, comprising the operations of firms which have no quarries, but who operate dressing works where stone for building and monumental purposes is cut, polished or otherwise finished.

In the industry as a whole in 1927 there were 450 concerns representing a capital investment of \$19,569,790. Including the quarry outputs and the value added by manufacturing in the secondary stone industry, production during the year was valued at \$13,073,616. Employment was afforded to 6,585 persons, their total earnings being given as \$6,827,243.

In the following pages, the two industries are reviewed separately.

(1) PRIMARY PRODUCTION - The Stone Quarrying Industry includes data on stone quarries and on dressing works operated in conjunction with quarries.

The production of stone from Canadian quarries during 1927 advanced 14 per cent over the total for 1926, according to finally revised statistics just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. In 1927 shipments amounting to 7,306,436 tons valued at \$9,265,304 were recorded as compared with 6,397,590 tons worth \$7,865,874 shipped in the previous year. Ontario was the leading producer with 58.2 per cent of the total output, Quebec followed with 34.7 per cent and the other provinces in order of tonnages produced, were: British Columbia, Manitoba, Nova Scotia, New Brunswick, and Alberta.

The 222 firms operating in the stone quarrying industry in Canada during 1927 reported a capital investment of \$13,810,984. Salaried employees and wage-earners employed during the year totalled 5,071; their combined earnings amounted to \$4,571,605. Fuel and electricity consumed caused an outlay of \$496,503.

PRINCIPAL STATISTICS OF THE STONE INDUSTRY IN CANADA, 1926 and 1927.

	1926	1927
Number of firms.....	233	222
Capital employed.....	\$ 12,760,078	\$ 13,810,984
Number of employees - On salary.....	241	234
On wages.....	4,269	4,837
TOTAL.....	4,510	5,071
Salaries and wages - Salaries.....	\$ 411,432	\$ 417,863
Wages.....	\$ 3,352,294	\$ 4,151,742
TOTAL.....	\$ 3,763,726	\$ 4,571,605
Cost of fuel and electricity.....	\$ 514,374	\$ 496,503
Selling value of products.....	\$ 7,865,874	\$ 9,265,304

PRODUCTION OF STONE IN CANADA, BY KINDS AND BY PROVINCES, 1927.

Province	Granite	Limestone	Marble	Sandstone	TOTAL
Nova Scotia.....Tons	611	68,294	...	3,546	72,451
\$	36,770	75,292	...	8,745	120,807
New Brunswick.....Tons	1,634	25,124	...	3,150	29,908
\$	53,695	56,146	...	11,250	121,091
Quebec.....Tons	162,180	2,251,499	4,609	116,243	2,534,531
\$	757,582	2,863,690	484,437	162,606	4,268,315
Ontario.....Tons	390,679	3,854,421	...	9,860	4,254,960
\$	294,098	3,716,419	...	50,192	4,060,709
Manitoba.....Tons	...	154,666	...	...	154,666
\$	...	318,556	...	...	318,556
Alberta.....Tons	...	3,367	...	...	3,367
\$	...	7,830	...	...	7,830
British Columbia.....Tons	174,945	81,008	600	...	256,553
\$	241,412	107,984	18,600	...	367,996
CANADA.....Tons	730,049	6,438,379	5,209	132,799	7,306,436
\$	1,383,557	7,145,917	503,037	232,793	9,265,304

PRODUCTION IN CANADA BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1927.

Purpose	Granite	Limestone	Marble	Sandstone	TOTAL
Building stone -					
Rough.....Tons	3,576	82,933	...	82,084	168,593
\$	25,877	300,147	...	156,725	482,749
Dressed.....Tons	15,241	41,146	...	310	56,697
\$	267,194	716,929	...	8,784	992,907
Monumental and ornamental stone-Rough.....Tons	9,744	130	1,042	...	10,916
\$	136,763	1,036	45,186	...	182,985
Dressed.....Tons	2,821	104	2,518	...	5,443
\$	147,510	1,523	449,717	...	598,750
Flagstone.....Tons	...	312	...	1,220	1,532
\$	...	484	...	11,389	11,873
Curbstone.....Tons	16,365	6	...	...	16,371
\$	69,269	150	...	...	69,419
Paving blocks.....Tons	21,761	...	...	...	21,761
\$	135,201	...	...	...	135,201
Limestone for flux...Tons	...	345,744	...	...	345,744
\$	...	296,993	...	...	296,993
Limestone for sugar factories, chemical works, carbide plants, etc..Tons	...	173,107	...	...	173,107
\$	...	189,525	...	...	189,525
Foultry grit.....Tons	5	176	...	...	181
\$	200	1,063	...	...	1,263
Ground limestone for agricultural use....Tons	...	24,319	...	...	24,319
\$	...	71,642	...	...	71,642
Rubble and riprap....Tons	48,054	294,931	...	7,634	350,619
\$	41,524	191,859	...	12,538	245,921
Crushed stone.....Tons	612,482	5,475,471	1,649	41,551	6,131,153
\$	560,019	5,374,566	3,134	43,357	5,986,076
TOTAL.....Tons	730,049	6,438,379	5,209	132,799	7,306,436
\$	1,383,557	7,145,917	503,037	232,793	9,265,304

(2) SECONDARY PRODUCTION - The Monumental and Ornamental Stone Industry includes the cutting, polishing or other finishing of stone in plants not operated in conjunction with quarries.

Stone-dressing works in Canada in 1927 reported a production of cut and polished stone for ornamental, monumental and building purposes amounting in value to \$5,606,984, as compared with a corresponding figure of \$5,799,690 in 1926. Reports in this industry were received by the Dominion Bureau of Statistics from 228 plants located as follows: 119 in Ontario, 49 in Quebec, 14 in Manitoba, 11 in each of New Brunswick and Nova Scotia, 9 in British Columbia, 8 in Saskatchewan, 5 in Alberta, and 2 in Prince Edward Island. These plants represented a capital investment in Canada of \$5,758,806 and employed a monthly average of 1,514 people throughout the year. Payments in salaries and wages amounted to \$2,255,638 and \$1,798,672 was expended for stone.

SUMMARY STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1923-1927

Year	No. of plants	Capital employed	No. of employ-ees	Salaries and wages	Cost of materials	Selling value of products	Value added by manu-facturing
		\$		\$	\$	\$	\$
1923 ...	210	5,073,618	1,278	1,842,963	1,683,126	5,025,003	3,341,877
1924 ...	210	4,944,269	1,344	1,887,462	1,441,753	4,730,572	3,288,819
1925 ...	214	5,015,729	1,262	1,811,512	1,964,817	5,355,997	3,391,180
1926 ...	232	5,443,767	1,491	2,175,223	1,859,964	5,739,690	3,939,726
1927 ...	228	5,758,806	1,514	2,255,638	1,798,672	5,606,984	3,808,312

PRINCIPAL STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA BY PROVINCES, 1926 and 1927.

Province	1926			1927		
	No. of plants	No. of employees	Selling value of products	No. of plants	No. of employees	Selling value of products
			\$			\$
Prince Edward Island....						
and Nova Scotia.....	14	45	154,768	13	48	159,147
New Brunswick.....	10	52	123,112	11	60	150,134
Quebec.....	50	272	800,935	49	269	838,892
Ontario.....	122	751	3,312,038	119	774	3,217,742
Manitoba.....	13	223	836,318	14	210	659,452
Saskatchewan.....	8	54	218,474	8	48	232,848
Alberta.....	5	47	182,491	5	56	191,160
British Columbia.....	10	47	171,554	9	49	157,609
CANADA.....	232	1,491	5,799,690	228	1,514	5,606,984

PRODUCTS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1926 and 1927.

Item	1926	1927
	Total selling value at works	Total selling value at works
	\$	\$
Granite cut and polished - (a) Monuments.....	1,619,206	1,728,293
(b) For building purposes...	74,792	83,877
Marble cut and polished - (a) Monuments.....	376,859	420,651
(b) For building purposes...	644,945	673,126
Marble chips and dust.....	19,085	6,591
Limestone - (a) Monuments and bases.....	94,446	97,264
(b) For building purposes.....	1,969,755	1,713,445
Finished monuments, lettered only.....	925,681	844,132
Other products.....	74,921	39,605
TOTAL.....	5,799,690	5,606,984

(3) IMPORTS AND EXPORTS OF STONE.— Importations of stone into Canada during 1927 were valued at \$1,110,100 as compared with an import value of \$1,144,614 in 1926. Canadian stone exported in 1927 reached a total of \$141,306, including crushed stone to the value of \$66,820. During 1926 stone exports were appraised at \$194,588.

IMPORTS INTO CANADA AND EXPORTS OF STONE, BY KINDS,
1927.

	Tons	Value \$
<u>IMPORTS -</u>		
Building stone, other than marble or granite, sawn on more than two sides, but not sawn on more than four sides.....	500	6,793
Building stone, other than marble or granite, planed, turned, cut or further manufactured than sawn on four sides.....	190	14,333
Flagstone, sandstone, and all building stone, not hammered, sawn or chiselled; granite, rough, not hammered or chiselled.	...	183,777
Flagstone and building stone, other than marble or granite, sawn on not more than two sides.....	...	101,006
Granite, sawn only.....	...	5,250
Granite, manufactures of, n.o.p.....	...	188,364
Marble, rough, not hammered or chiselled.....	...	92,077
Marble, sawn or sand rubbed, not polished.....	...	151,288
Marble, manufactures of, n.o.p.....	...	103,603
Refuse stone.....	352,467	213,609
Manufactures of stone, n.o.p.....	...	50,000
TOTAL.....	...	1,110,100
<u>EXPORTS -</u>		
Crushed.....	46,772	66,820
Granite and marble, unwrought.....	3,314	33,289
Freestone, limestone, and other building stone, unwrought.....	712	7,437
Dressed stone.....	...	33,760
TOTAL.....	...	141,306

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010766261