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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

MINING, METALLURGICAL & CHEMICAL BRANCH

THE STONE INDUSTRY IN CANADA 1943

including: 1. The Stone Quarrying Industry;
2. The Stone Products Industry.

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THE STONE INDUSTRY IN CANADA, 1943

The Stone Industry in Canada comprises two main divisions: 1. The Stone Quarrying Industry, including quarries and dressing works operated in conjunction with quarries, and 2. The Stone Products Industry, comprising the operations of firms having no quarries but who operate dressing works where stone for building and monumental purposes is cut, polished or otherwise finished. In the Census of Industry, statistics on the stone quarrying industry are included under mining, while statistics of the Stone Products industry are included under manufactures. For convenience, this report carries data for both of these industries.

These two major divisions, constituting the Canadian stone industry, represented a capital investment of $14,300,581 in 1943. Production during the year totalled $10,402,844, which figure includes the value of the quarry output and the value added by manufacturing in the secondary stone industry. Salaried employees and wage-earners employed in 1943 numbered 3,330 and their combined earnings amounted to $4,786,170.

The two industries are treated separately in the following review:

1. PRIMARY PRODUCTION--THE STONE QUARRYING INDUSTRY

The kinds of stone quarried in Canada include granite (trap rock, syenite and other igneous rock), limestone, marble, sandstone, and slate. Stone of almost every known variety occurs in Canada; rocks of the igneous areas of British Columbia, Manitoba, Ontario, Quebec and the Maritime Provinces exhibit a wide range of physical characteristics, some varieties being especially noted for their richness of colour and beauty of crystallization. The sedimentary rocks, including limestones, sandstones and marbles are quarried at various points in Canada. The products from quarries operating in these different formations not only yield high class structural and decorative materials but provide the chemical and other allied industries with many of their increasing requirements.

The gross value of all varieties of stone produced in Canada during 1943 totalled $7,964,179 compared with $8,746,594 in 1942. The tonnage shipped in 1943 included 6,265,181 tons of limestone valued at $6,105,749; 780,422 tons of granite (igneous rocks) valued at $1,522,072; 164,163 tons of sandstone valued at $250,603; 11,848 tons of marble valued at $68,022, and 1,336 tons of slate worth $17,733. Of the total value of domestic stone produced in 1943, quarries in the province of Quebec contributed 50.2 per cent, Ontario 37.1 per cent, and Nova Scotia 5.3 per cent.

The number of firms in the stone quarrying industry in 1943 totalled 407; capital employed amounted to $10,954,939; employees numbered 2,473; salaries and wages paid aggregated $3,529,755, and the cost of fuel, electricity and process supplies used was reported at $1,533,627.

Table 1 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY IN CANADA, 1942 and 1943

		1942	1943
Number of firms		412	407
Capital employed	$	10,988,011	10,954,939
Number of employees--On salary		282	320
On wages		2,415	2,153
Total		2,697	2,473
Salaries and wages--Salaries	$	456,204	484,990
Wages	$	2,998,059	3,044,765
Total	$	3,454,263	3,529,755
Selling value of products (Gross)	$	8,746,594	7,964,179
Cost of fuel and electricity	$	672,900	678,409
Process supplies used	$	844,269	855,218
Selling value of products (Net)	$	7,229,425	6,430,552

Table 2 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY IN CANADA, BY PROVINCES, 1939-1943

Province	Year	Number of firms	Capital employed	Fuel, electricity (x) and process supplies used	Number of employees	Salaries and wages paid	Net value of production
			$	$		$	$
Nova Scotia	1939 ...	18	166,286	18,143	80	67,095	115,774
	1940 ...	47	272,284	30,971	158	128,257	282,673
	1941 ...	40	178,967	25,611	102	88,597	243,734
	1942 ...	37	574,291	44,624	185	298,510	719,543
	1943 ...	36	143,048	26,614	137	179,643	394,255
New Brunswick ..	1939 ...	8	243,358	16,660	136	118,890	249,447
	1940 ...	9	222,471	16,097	146	138,733	294,202
	1941 ...	11	243,460	17,605	125	120,484	330,259
	1942 ...	8	246,014	18,644	103	100,772	302,636
	1943 ...	7	77,972	1,550	16	10,554	145,821
Quebec	1939 ...	218	5,339,375	531,029	1,903	1,577,265	2,792,570
	1940 ...	199	4,885,498	466,948	1,572	1,280,955	2,360,653
	1941 ...	203	5,267,599	618,873	1,552	1,453,640	2,990,694
	1942 ...	170	4,940,308	880,456	1,537	1,823,237	3,286,009
	1943 ...	161	5,707,506	874,671	1,557	2,051,917	3,122,296
Ontario	1939 ...	175	5,609,524	476,867	754	826,949	1,821,244
	1940 ...	193	5,674,896	638,120	785	995,005	2,749,275
	1941 ...	170	4,435,408	572,826	767	995,085	2,705,110
	1942 ...	167	4,477,334	528,471	688	983,083	2,457,467
	1943 ...	179	4,484,975	599,887	593	1,030,411	2,358,496
Manitoba	1939 ...	5	225,359	8,454	48	55,558	75,494
	1940 ...	6	390,252	8,998	43	39,528	69,442
	1941 ...	5	591,870	14,331	26	26,333	50,567
	1942 ...	6	382,893	7,834	23	23,261	64,132
	1943 ...	5	124,334	6,510	18	22,097	44,274
Alberta	1939 ...	3	6,400	248	5	3,552	14,032
	1940 ...	2	(f)	(f)	(f)	(f)	11,999
	1941 ...	2	(f)	(f)	(f)	(f)	24,303
	1942 ...	2	(f)	(f)	(f)	(f)	40,436
	1943 ...	2	(f)	(f)	(f)	(f)	47,899
British Columbia	1939 ...	25	622,728	30,483	150	167,269	325,251
	1940 ...	26	681,870	43,241	182	197,225	426,340
	1941 ...	26	644,732	33,937	186	211,961	372,834
	1942 ...	22	367,171	37,140	161	225,400	359,202
	1943 ...	17	417,104	24,395	152	235,153	317,511
TOTAL—CANADA ..	1939 ...	452	12,213,030	1,081,884	3,076	2,816,578	5,393,812
	1940 ...	482	12,127,271	1,204,375	2,886	2,779,703	6,194,584
	1941 ...	457	11,162,036	1,283,183	2,758	2,896,100	6,717,501
	1942 ...	412	10,988,011	1,517,169	2,697	3,454,263	7,229,425
	1943 ...	407	10,954,939	1,533,627	2,473	3,529,755	6,430,552

(x) Exclusive of electricity generated by operator.

(f) Included with data relating to lime industry.

(23 May '45)

Table 3 - AVERAGE NUMBER OF WAGE-EARNERS, BY MONTHS, 1942 and 1943

Month	1942 Total	1943 Quarry Surface Male	1943 Quarry Surface Female	1943 Quarry Underground Male	1943 Dressing works Male
January	1,462	1,282	3	...	261
February	1,549	1,558	3	...	299
March	1,752	1,405	3	...	289
April	2,548	1,632	3	...	320
May	2,862	2,053	4	...	340
June	2,999	2,111	4	...	355
July	2,987	2,202	4	...	285
August	2,977	2,231	4	...	318
September	2,958	2,284	16	...	299
October	2,736	2,201	4	...	319
November	2,448	1,942	4	...	315
December	1,867	1,336	4	...	260
AVERAGE	2,415	1,859	6	...	288

Table 4 - NUMBER OF WAGE-EARNERS WHO WORKED THE NUMBER OF HOURS SPECIFIED, DURING ONE WEEK IN MONTH OF HIGHEST EMPLOYMENT, 1943

Hours	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	CANADA
				(Number)				
30 hours or less	4	4	186	12	...	(x)	12	218
31-43 hours	3	1	127	26	...	(x)	24	181
44 hours	...	2	111	11	22	(x)	2	148
45-47 hours	4	3	107(a)	18	...	(x)	1	133(a)
48 hours	...	15	137	44	...	(x)	91	287
49-50 hours	3	5	195	16	...	(x)	3	222
51-54 hours	29	...	187	64(a)	...	(x)	36	316(a)
55 hours	1	...	129	105	...	(x)	3	238
56-64 hours	37	...	646(c)	267(a)	...	(x)	40	990(b)
65 hours and over	11	...	438	97	...	(x)	1	547
GRAND TOTAL	92	30	2,263	660	22	(x)	213	3,280
Total wages paid in that week—Male .. $	2,083	431	60,035	20,916	610	(x)	6,589	90,664
Female. $	...	...	41	53	...	(x)	...	94

(x) Information not available.
(a) Includes 1 female.
(b) Includes 3 females.
(c) Includes 2 females.

Table 5 - POWER INSTALLATION, 1943

	Ordinarily in Use: Number of units	Ordinarily in Use: Total h.p. (according to manufacturers' rating)	In Reserve or Idle: Number of units	In Reserve or Idle: Total h.p. (according to manufacturers' rating)
Steam engines	62	2,402	11	542
Steam turbines	5	430	...	...
Diesel engines	115	10,685	6	355
Gasoline, gas and oil engines other than diesel	167	5,614	9	368
Hydraulic turbines or water wheels	8	765	...	...
Electric motors run by purchased power	761	22,837	65	2,676
Electric motors run by own power	23	807	...	...
Stationary boilers	59	2,019	1	35
Motor generator sets	17	632	6	285

Table 6 - FUEL AND ELECTRICITY USED, 1945

Kind	Unit of measure	Nova Scotia Quantity	Nova Scotia Cost at works	New Brunswick Quantity	New Brunswick Cost at works	Quebec Quantity	Quebec Cost at works	Ontario Quantity	Ontario Cost at works
			$		$		$		$
Bituminous coal -									
Canadian	short ton	587	5,206	1	6	1,385	16,052	138	1,128
Imported	short ton	...	...	...	...	2,910	30,094	7,444	57,994
Anthracite coal	short ton	...	...	...	...	408	4,585	56	561
Lignite coal	short ton	...	...	...	...	...	...	...	...
Coke	short ton	63	666	...	...	331	3,680	65	780
Gasoline	Imp. gal.	26,168	7,456	2,280	556	503,967	144,143	235,276	65,498
Kerosene	Imp. gal.	...	...	...	...	3,258	687	400	76
Fuel oil	Imp. gal.	16,700	1,828	...	...	253,924	40,948	65,898	8,101
Wood	cord	10	50	26	144	1,078	5,978	82	613
Gas—Natural	M cu. ft.	...	...	...	...	...	...	1,200	872
Other fuel	...	...	...	...	...	...	...	...	...
Electricity purchased	K.W.H.	378,300	7,174	11,980	356	7,984,596	143,778	12,407,506	111,737
TOTAL	...	...	22,380	...	1,062	...	389,945	...	247,360
Electricity generated for own use	K.W.H.	...	...	...	...	...	...	361,500	...
Cost of explosives and other process supplies used	...	...	4,234	...	488	...	484,726	...	352,527

Kind	Unit of measure	Manitoba Quantity	Manitoba Cost at works	Alberta Quantity	Alberta Cost at works	British Columbia Quantity	British Columbia Cost at works	CANADA Quantity	CANADA Cost at works
			$		$		$		$
Bituminous coal -									
Canadian	short ton	...	...	(x)	(x)	200	1,865	2,311	24,257
Imported	short ton	...	...	(x)	(x)	...	...	10,354	88,088
Anthracite coal	short ton	...	...	(x)	(x)	4	126	468	5,272
Lignite coal	short ton	...	...	(x)	(x)	...	...	...	...
Coke	short ton	...	...	(x)	(x)	...	...	459	5,126
Gasoline	Imp. gal.	700	245	(x)	(x)	24,021	8,028	792,412	225,926
Kerosene	Imp. gal.	...	...	(x)	(x)	3,279	453	6,937	1,216
Fuel oil	Imp. gal.	...	...	(x)	(x)	16,290	1,566	352,812	52,443
Wood	cord	50	350	(x)	(x)	13	76	1,259	7,211
Gas - Natural	M cu. ft.	...	...	(x)	(x)	...	...	1,200	872
Other fuel	...	...	...	(x)	(x)	...	...	...	...
Electricity purchased	K.W.H.	62,717	2,215	(x)	(x)	111,291	2,738	20,956,390	267,998
TOTAL	...	...	2,810	(x)	(x)	...	14,852	...	678,409
Electricity generated for own use	K.W.H.	...	...	(x)	(x)	...	...	361,500	...
Cost of explosives and other process supplies used	...	...	3,700	(x)	(x)	...	9,543	...	855,218

(x) Not available.

Table 7 - The following table gives the value of construction contracts awarded in Canada from 1925 to 1942, also index numbers of wholesale prices of building materials, index numbers of wage rates and value of total stone produced.

Year	Value of construction contracts awarded in Canada (a)	Value of Canadian primary stone production (b)	Average index numbers of employment in building construction (1926=100) (c)	Average index numbers of wholesale prices of building materials (1926=100) (d)	Index of wage-rates in the building trades (1935-39=100) (e)
	$	$			
1925	297,973,000	7,464,777	75.8	102.9	103.1
1926	372,947,900	7,865,874	100.0	100.0	104.2
1927	418,951,600	9,265,304	108.7	96.1	108.5
1928	472,032,600	10,272,301	112.0	97.4	112.3
1929	576,651,800	12,066,532	135.3	99.0	119.6
1930	456,999,600	13,037,209	134.3	90.8	123.0
1931	315,482,000	11,075,184	104.3	81.9	118.5
1932	132,872,400	4,942,211	54.1	77.2	107.9
1933	97,289,800	3,000,326	38.5	78.3	95.6
1934	125,811,500	4,157,131	47.8	82.5	93.7
1935	160,305,000	5,307,563	55.4	81.2	96.7
1936	162,588,000	5,134,153	55.4	85.3	97.3
1937	224,056,700	6,939,360	60.1	94.4	100.1
1938	187,277,900	5,556,026	60.1	89.1	102.5
1939	187,178,500	6,475,696	62.1	89.7	103.3
1940	346,009,800	7,398,959	83.5	95.6	105.7
1941	393,991,300	8,000,684	139.5	107.3	111.7
1942	281,594,100	8,746,594	157.9	115.2	118.4
1943	206,103,900	7,964,179	160.3	121.2	128.8

(a) Compiled by McLean Building Reports Ltd.
(b) Includes all stone except limestone used in making lime and cement.
(c) Employment Statistics Branch, Dominion Bureau of Statistics.
(d) Internal Trade Branch, Dominion Bureau of Statistics.
(e) Labour Department; 8 trades 1921-1926; 9 trades from 1927 to 1942 and 8 in 1943; 13 cities to 1927; 14 cities to 1930, hereafter 31 to 42 cities.

Table 8 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS AND BY PROVINCES, 1942 and 1943

Province		Granite (a)	Limestone (b)	Marble	Sandstone	Slate	TOTAL
1 9 4 2							
Nova Scotia	tons	429	185,232	...	43,856	...	229,517
	$	41,985	645,680	...	76,502	...	764,167
New Brunswick ..	tons	964	82,623	...	4,350	...	87,937
	$	29,334	281,296	...	10,650	...	321,280
Quebec	tons	1,178,765	2,926,964	9,429	72,894	158	4,188,210
	$	1,449,840	2,565,029	58,714	92,724	158	4,166,465
Ontario	tons	90,530	2,992,885	4,295	18,835	...	3,106,545
	$	288,828	2,636,431	27,675	33,004	...	2,985,938
Manitoba	tons	133	43,355	...	...	...	43,488
	$	2,452	69,514	...	...	...	71,966
Alberta	tons	...	12,028	...	...	...	12,028
	$	...	40,436	...	...	...	40,436
British Columbia	tons	95,604	199,496	100	13,930	1,211	310,341
	$	133,810	230,139	1,820	13,930	16,643	396,342
CANADA	tons	1,366,425	6,442,583	13,824	153,865	1,369	7,978,066
	$	1,946,249	6,468,525	88,209	226,810	16,801	8,746,594

Table 8 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS AND BY PROVINCES, 1942 and 1943 (Concluded)

Province		Granite (a)	Limestone (b)	Marble	Sandstone	Slate	TOTAL
1 9 4 3							
Nova Scotia	tons	703	174,933	...	72,232	...	247,868
	$	28,407	264,197	...	128,265	...	420,869
New Brunswick ..	tons	1,522	51,406	...	655	...	53,583
	$	15,856	128,915	...	2,600	...	147,371
Quebec	tons	634,920	2,709,320	7,596	75,298	191	3,427,325
	$	1,164,463	2,696,205	41,720	94,388	191	3,996,967
Ontario	tons	79,582	3,114,460	4,167	7,818	...	3,206,027
	$	212,136	2,704,205	24,852	17,190	...	2,958,383
Manitoba	tons	...	37,974	...	...	...	37,974
	$	...	50,784	...	...	...	50,784
Alberta	tons	...	13,961	...	...	...	13,961
	$	...	47,899	...	...	...	47,899
British Columbia	tons	63,695	163,127	85	8,160	1,145	236,212
	$	101,210	213,544	1,450	8,160	17,542	341,906
CANADA	tons	780,422	6,265,181	11,848	164,163	1,336	7,222,950
	$	1,522,072	6,105,749	68,022	250,603	17,733	7,964,179

(a) All igneous rocks included.
(b) Includes dolomite, also marl for agricultural purposes.

NOTE: Not included in the above limestone statistics are 2,155,750 tons of limestone consumed in the cement industry in 1942 and 1,918,742 tons in 1943. Limestone used in the Canadian lime industry is also not included; it is estimated that approximately 1,574,508 tons of limestone were burned in the manufacture of lime in 1942 and 1,614,481 tons in 1943.

Table 9 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY PROVINCES, SHOWING PURPOSES FOR WHICH USED, 1943 (x)

For use as follows:		Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	CANADA
1 9 4 3									
Building stone—Rough	tons	660	116	3,718	2,397	...	...	1,636	8,527
	$	4,445	1,506	10,509	8,307	...	...	1,727	26,494
Dressed ...	tons	...	235	7,329	956	40	...	...	8,560
	$	...	4,607	255,329	25,983	2,015	...	...	287,934
Monumental and ornamental	tons	48	286	5,668	150	...	...	1,158	7,310
stones—Rough	$	747	9,686	92,330	1,882	...	...	12,090	116,735
Dressed	tons	275	...	3,180	50	130	...	290	3,925
	$	27,000	...	322,259	1,050	4,700	...	42,519	397,528
Flagstone	tons	...	30	...	2,167	45	...	...	2,242
	$	...	700	...	4,903	275	...	...	5,878
Curbstone	tons	...	...	327	...	...	...	...	327
	$	...	...	2,364	...	...	...	...	2,364
Paving blocks	tons	...	...	800	...	...	...	...	800
	$	...	...	7,014	...	...	...	...	7,014
Lining open-hearth furnaces	tons	5,463	...	...	14,783	...	...	...	20,246
	$	9,560	...	...	11,087	...	...	...	20,647
Chemical -									
Flux in iron and steel	tons	123,728	6	1,743	420,797	4,921	1,210	2,032	554,437
furnaces	$	148,475	13	1,481	340,358	8,255	3,030	3,589	505,201
Flux in non-ferrous	tons	...	...	132,670	111,617	...	...	38,830	283,117
smelters	$	...	...	71,150	82,618	...	...	23,666	177,434
Glass factories	tons	...	...	319	...	...	3,838	...	4,157
	$	...	...	1,580	...	...	5,757	...	7,337
Pulp and paper mills	tons	2,846	4,270	129,480	30,299	1,365	...	47,122	215,382
	$	14,246	7,902	176,139	86,521	1,502	...	88,570	374,880
Sugar refineries	tons	...	...	...	11,180	...	...	...	11,180
	$	...	...	...	9,503	...	...	...	9,503
Other chemical uses	tons	...	...	...	244,697	...	...	16,256	260,953
	$	...	...	...	239,229	...	...	16,543	255,772

Table 9 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY PROVINCES, SHOWING PURPOSES FOR WHICH USED, 1945 (x) - (Concluded)

For use as follows:		Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	CANADA
1 9 4 5									
Pulverized Stone -									
Whiting (substitute)	tons	...	...	...	2,715	...	...	190	2,905
	$	...	...	...	15,480	...	...	2,280	17,760
Asphalt filler	tons	196	...	17,559	5,486	...	...	1,703	22,744
	$	1,764	...	61,514	12,825	...	...	9,157	85,060
Dusting coal mines	tons	5,271	...	...	...	...	2,552	368	8,191
	$	6,325	...	...	...	...	10,208	2,484	19,017
Agricultural purposes and fertilizer plants	tons	34,616	46,678	154,465	28,665	2,379	2,285	1,948	271,036
	$	81,014	120,911	246,804	63,558	5,946	9,140	5,844	533,217
Other uses	tons	...	...	140	7,272	3,413	42	90	10,957
	$	...	...	763	24,313	2,963	168	1,160	29,367
Crushed stone for manufacture of artificial stone..	tons	...	...	116	121	...	...	...	237
	$	...	...	542	524	...	...	...	1,066
Roofing granules	tons	...	...	...	7,239	...	...	873	8,112
	$	...	...	...	97,266	...	...	15,284	112,550
Poultry grit	tons	...	...	3,622	9,094	130	4,034	1,327	18,207
	$	...	...	20,324	52,427	1,040	19,596	6,710	100,097
Stucco dash	tons	...	...	662	319	35	...	448	1,464
	$	...	...	4,296	962	155	...	4,333	9,746
Terrazzo chips	tons	...	...	642	850	...	...	...	1,492
	$	...	...	3,206	5,000	...	...	...	8,206
Rock wool	tons	...	...	...	13,237	...	...	...	13,237
	$	...	...	...	12,660	...	...	...	12,660
Rubble and riprap	tons	2,760	1,962	355,586	121,905	4,500	...	53,914	540,627
	$	4,837	2,046	238,865	128,546	4,900	...	39,731	418,925
Crushed stone -									
Concrete aggregate	tons	57,006	...	1,428,719	492,797	2,000	...	700	1,981,222
	$	64,267	...	1,253,110	408,182	1,700	...	650	1,727,889
Road metal	tons	14,999	...	735,721	1,282,286	16,255	...	59,167	2,108,428
	$	58,189	...	848,229	1,010,752	14,910	...	57,429	1,989,509
Railroad ballast	tons	...	...	445,059	396,948	2,761	...	8,160	852,928
	$	...	...	379,359	314,447	2,423	...	8,160	704,389
TOTAL CANADA	tons	247,868	53,583	3,427,325	3,206,027	37,974	13,961	236,212	7,222,950
	$	420,869	147,371	3,996,967	2,958,383	50,784	47,899	341,906	7,964,179
Per cent of total ..... Quantity		3.43	0.74	47.45	44.39	0.52	0.19	3.28	100.00
Value		5.28	1.85	50.19	37.15	0.64	0.60	4.29	100.00

(x) Includes the production of slate and marl.

Table 10 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1942 and 1943

For use as follows:		Granite (a)	Limestone (b)	Marble	Sandstone	Slate	TOTAL
1 9 4 2							
Building stone—Rough	tons	2,354	11,818	214	1,298	...	15,684
	$	12,540	25,250	10,692	7,034	...	55,516
Dressed	tons	2,497	6,230	146	340	...	9,213
	$	108,807	169,382	19,476	8,600	...	306,265
Monumental and ornamental stone- Rough	tons	6,858	...	53	...	...	6,911
	$	99,011	...	1,349	...	...	100,360
Dressed	tons	3,827	218	...	....	...	4,045
	$	356,459	4,513	...	...	...	360,972
Flagstone	tons	...	223	...	1,042	...	1,265
	$	...	1,276	...	5,363	...	6,639
Curbstone	tons	5,571	...	...	...	...	5,571
	$	28,781	...	...	...	...	28,781
Paving blocks	tons	2,008	...	...	25	...	2,033
	$	12,776	...	...	280	...	13,056
Lining open-hearth furnaces	tons	...	20,311	...	...	...	20,311
	$	...	15,258	...	...	...	15,258

Table 10 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1942 and 1943 (Continued)

For use as follows:		Granite (a)	Limestone (b)	Marble	Sandstone	Slate	TOTAL
1 9 4 2 (Con.)							
Chemical -							
Flux in iron and steel furnaces	tons	...	581,373	...	...	...	581,373
	$	...	920,241	...	...	...	920,241
Flux in non-ferrous smelters ..	tons	...	178,037	...	...	...	178,037
	$	...	123,042	...	...	...	123,042
Glass factories	tons	...	3,358	1,177	...	...	4,535
	$	...	4,197	5,483	...	...	9,680
Manufacture of magnesium	tons	...	5,267	...	...	...	5,267
	$	...	3,051	...	...	...	3,051
Pulp and paper mills	tons	...	207,994	...	...	...	207,994
	$	...	330,933	...	...	...	330,933
Sugar refineries	tons	...	19,956	...	...	...	19,956
	$	...	21,527	...	...	...	21,527
Other chemical uses	tons	...	236,812	1	7,336	...	244,149
	$	...	237,681	5	8,873	...	246,559
Pulverized Stone -							
Whiting (substitute)	tons	...	3,942	...	...	...	3,942
	$	...	23,682	...	...	...	23,682
Asphalt filler	tons	...	13,494	...	...	51	13,545
	$	...	56,205	...	...	408	56,613
Dusting coal mines	tons	...	1,698	...	...	...	1,698
	$	...	7,757	...	...	...	7,757
Agricultural purposes and	tons	...	285,924	20	...	240	286,184
fertilizer plants	$	...	639,182	98	...	1,920	641,200
Other uses	tons	...	9,570	250	...	...	9,820
	$	...	25,960	1,370	...	...	27,330
Crushed stone for manufacture of	tons	...	239	127	...	...	366
artificial stone	$	...	952	618	...	...	1,570
Roofing granules	tons	35,204	310	...	...	840	36,354
	$	181,352	1,240	...	...	13,461	196,053
Poultry grit	tons	3	5,326	3,445	...	27	8,801
	$	70	26,433	19,782	...	324	46,609
Stucco dash	tons	6	814	953	...	53	1,826
	$	80	8,445	6,953	...	530	16,008
Terrazzo chips	tons	...	443	2,513	...	...	2,956
	$	...	1,329	16,866	...	...	18,195
Rock wool	tons	...	9,942	...	...	...	9,942
	$	...	9,799	...	...	...	9,799
Rubble and riprap	tons	83,966	289,188	4,925	34,291	158	412,528
	$	51,201	234,940	5,517	38,458	158	330,274
Crushed Stone -							
Concrete aggregate	tons	1,051,168	1,818,625	...	54,944	...	2,924,737
	$	897,444	1,444,013	...	82,900	...	2,424,357
Road metal	tons	171,228	2,063,819	...	40,659	...	2,275,706
	$	196,102	1,619,999	...	61,372	...	1,877,473
Railroad ballast	tons	1,735	667,652	...	13,930	...	683,317
	$	1,626	512,258	...	13,930	...	527,814
TOTAL CANADA (b)	tons	1,366,425	6,442,583	13,824	153,865	1,369	7,978,066
	$	1,946,249	6,468,525	88,209	226,810	16,801	8,746,594

Table 10 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1942 and 1943 - (Continued)

For use as follows:		Granite (a)	Limestone (b)	Marble	Sandstone	Slate	TOTAL
1 9 4 3							
Building stone--Rough	tons	1,754	4,014	79	2,680	...	8,527
	$	3,497	7,859	4,427	10,711	...	26,494
Dressed	tons	3,148	5,314	73	25	...	8,560
	$	103,691	172,198	10,745	1,300	...	287,934
Monumental and ornamental stone -							
Rough	tons	7,310	...	...	...	...	7,310
	$	116,735	...	...	...	...	116,735
Dressed	tons	3,795	130	...	...	...	3,925
	$	392,828	4,700	...	...	...	397,528
Flagstone	tons	...	1,185	...	1,057	...	2,242
	$	...	1,185	...	4,693	...	5,878
Curbstone	tons	327	...	...	...	...	327
	$	2,364	...	...	...	...	2,364
Paving blocks	tons	800	...	...	...	...	800
	$	7,014	...	...	...	...	7,014
Lining open-hearth furnaces	tons	...	20,246	...	...	...	20,246
	$	...	20,647	...	...	...	20,647
Chemical -							
Flux in iron and steel furnaces.	tons	...	554,422	15	...	...	554,437
	$	...	504,951	250	...	...	505,201
Flux in non-ferrous smelters ...	tons	...	283,117	...	...	...	283,117
	$	...	177,434	...	...	...	177,434
Glass factories	tons	...	3,928	229	...	...	4,157
	$	...	6,094	1,243	...	...	7,337
Pulp and paper mills	tons	...	215,382	...	...	...	215,382
	$	...	374,880	...	...	...	374,880
Sugar refineries	tons	...	11,180	...	...	...	11,180
	$	...	9,503	...	...	...	9,503
Other chemical uses	tons	...	260,953	...	...	...	260,953
	$	...	255,772	...	...	...	255,772
Pulverized Stone -							
Whiting (substitute)	tons	...	2,905	...	...	...	2,905
	$	...	17,760	...	...	...	17,760
Asphalt filler	tons	...	22,530	...	...	214	22,744
	$	...	83,348	...	...	1,712	85,060
Dusting coal mines	tons	...	8,191	...	...	...	8,191
	$	...	19,017	...	...	...	19,017
Agricultural purposes and	tons	...	271,036	...	...	...	271,036
fertilizer plants	$	...	533,217	...	...	...	533,217
Other uses	tons	...	10,467	490	...	...	10,957
	$	...	26,504	2,863	...	...	29,367
Crushed stone for manufacture of	tons	...	121	116	...	...	237
artificial stone	$	...	524	542	...	...	1,066
Roofing granules	tons	6,921	320	...	...	871	8,112
	$	96,920	400	...	...	15,230	112,550
Poultry grit	tons	3	12,996	5,208	...	...	18,207
	$	74	68,502	31,521	...	...	100,097
Stucco dash	tons	5	717	682	...	60	1,464
	$	66	4,384	4,696	...	600	9,746
Terrazzo chips	tons	...	148	1,344	...	...	1,492
	$	...	444	7,762	...	...	8,206
Rock wool	tons	...	13,237	...	...	...	13,237
	$	...	12,660	...	...	...	12,660

Table 10 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1942 and 1943 - (Concluded)

For use as follows:		Granite (a)	Limestone (b)	Marble	Sandstone	Slate	TOTAL
1 9 4 3 (Con.)							
Rubble and riprap	tons	181,096	298,968	3,612	56,760	191	540,627
	$	105,644	244,821	3,973	64,296	191	418,925
Crushed Stone -							
Concrete aggregate	tons	208,341	1,604,224	...	68,657	...	1,981,222
	$	258,078	1,386,337	...	83,474	...	1,727,889
Road metal	tons	260,830	1,820,774	...	26,824	...	2,108,428
	$	430,592	1,480,948	...	77,969	...	1,989,509
Railroad ballast	tons	6,092	838,676	...	8,160	...	852,928
	$	4,569	691,660	...	8,160	...	704,389
TOTAL CANADA (b)	tons	780,422	6,265,181	11,848	164,163	1,336	7,222,950
	$	1,522,072	6,105,749	68,022	250,603	17,733	7,964,179

(a) Includes all igneous rock.
(b) Does not include limestone used in Canadian lime and cement industries but includes marl used for agricultural purposes.

GRANITE

Table 11 - PRODUCTION OF GRANITE(x) IN CANADA, 1934-1943

Year	Short tons	$	Year	Short tons	$
1934	200,285	781,739	1939	1,102,395	2,119,501
1935	326,354	1,126,287	1940	1,147,747	1,884,410
1936	941,743	1,319,313	1941	600,922	1,498,766
1937	1,135,099	1,827,433	1942	1,366,425	1,946,249
1938	705,307	1,379,417	1943	780,422	1,522,072

(x) Includes all igneous rock.

The following abstracts are from a report on granite prepared by the Bureau of Mines, Ottawa:

"The stone quarried consists of granite and related crystalline igneous rocks used for building, decorative, ornamental, or constructional purposes. Producing properties are situated in Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, and British Columbia. Large areas in Canada are underlain by granite and the prospects of finding stone suitable for its various uses are good.

"Granite for monumental use is produced in the Maritime Provinces and in Quebec, Ontario, Manitoba, and British Columbia. Early in 1939 an appreciable amount of foreign stone, principally of the black and red varieties, was imported, mainly from Finland and Sweden. Black granite has been quarried in Canada, notably in the vicinity of Lake St. John, Quebec, and from quarries along the north shore of Lake Superior, and stone from these areas should find a ready market for monumental use. Other deposits of 'black granite' in the Maritime Provinces, Quebec, Ontario, and Manitoba show promise of yielding stone of good quality.

"Much of the granite produced in Canada is used for foundations for highways; for the permanent ballasting of railway roadbeds; for heavy aggregate in large concrete structures; for the filling of breakwaters; and for bridge piers. Granite from quarries in Quebec has been used in the construction of public buildings in different parts of Canada, in competition with local stone. Most operations in which granite is used have been greatly curtailed during the war.

"Some granite is being imported from the United States for monumental use, but Canadian granite is being used to an increasing extent for this purpose. Stone for monumental use which has enjoyed a steady market for a number of years may later be completely superseded by another variety. At present the so-called 'black granite' and the 'grey' varieties seem to be in most demand for monuments, although the various shades of reds are still popular in many districts.

"Canadian producers would be well advised to give careful study to the market possibilities of a monumental stock, especially for the black and red varieties.

"In the building trade, coloured granites are being used to an increasing extent in the form of thin polished slabs for trim for buildings in which the main colour scheme calls for contrast. Canadian granites are suitable for all the purposes for which granite is used, and with persistent advertising there is no reason why this industry should not have a flourishing future."

LIMESTONE

Table 12 - PRODUCTION OF LIMESTONE(x) IN CANADA, 1934-1943

Year	Short tons	$	Year	Short tons	$
1934	3,747,779	3,157,832	1939	4,149,589	3,817,551
1935	3,631,665	3,253,573	1940	6,108,591	5,126,075
1936	3,731,548	3,143,872	1941	7,151,049	6,057,727
1937	5,542,806	4,673,942	1942	6,442,583	6,468,525
1938	4,288,507	3,864,619	1943	6,265,181	6,105,749

(x) Includes dolomite and marl; production of marl totalled 23,026 tons in 1942 and 22,913 tons in 1943.

The following abstracts are from a report prepared by the Bureau of Mines, Ottawa:

"Limestone is the most widely used of all rocks because of the great variety and importance of its industrial uses and because of its widespread occurrence. It is quarried in all provinces of Canada except Prince Edward Island and Saskatchewan, but by far the greater part of the production comes from Ontario and Quebec. The 1943 production of limestone for all purposes, including the manufacture of lime and cement, constituted about 90 per cent of the total production of Canadian stone.

"Limestone is available in great bedded formations and in massive highly metamorphosed deposits, the former being much more common and yielding most of the production. At present almost all Canadian limestone is won by open pit methods, though underground mining of the rock has been adopted by several companies producing limestone for chemical and metallurgical uses and for making lime. Underground mining will undoubtedly become more common particularly for the production of high-grade stone for chemical purposes, as the readily accessible parts of deposits become worked out.

"For industrial use limestone is marketed in a variety of forms ranging from huge squared blocks of dimension stone used in construction, to extremely fine dust used chiefly as a mineral filler. Some of the products are processed little if at all from the condition in which the rock is obtained from the quarry (as, for example, limestone used in the wood pulp industry), but the bulk of the output is crushed and screened for use as road metal, concrete aggregate, railroad ballast, and as flux in metallurgical plants. Large quantities are used in the manufacture of Portland cement, lime, and various chemical products.

"The great bulk of limestone used in chemical and metallurgical industries is of the high-calcium variety, but dolomite is rapidly increasing in importance as an industrial raw material. Argillaceous dolomite is used for the manufacture of rock-wool, a widely used insulating material. Pure dolomite is now an important source of magnesia and magnesium metal.

"A use for limestone that is capable of enormous development is in agriculture. Though the necessity of applying limestone or lime to agricultural land in order to maintain or increase soil fertility has been emphasized for many years by authorities on agriculture, the quantity so used in Canada is still very small, whereas if the proper quantity were applied it would constitute one of the principal outlets for limestone.

"Limestone in blocks of large dimensions for sawing into building stone is quarried in Quebec, Ontario, and Manitoba. In Quebec, quarries at St. Marc des Carrières, Portneuf county, produce grey limestone, and several in and near Montreal yield limestone of similar colour. In Ontario, two quarries near Queenston in the Niagara Peninsula yield silver-grey limestone as well as small quantities of buff and of variegated buff and grey. At Longford Mills, near Orillia, buff, silver-grey, and brown limestone for use as marble and as building stone is available, but has not been quarried for the past several years. The Manitoba quarries are near Tyndall and yield mottled buff, mottled grey, and mottled variegated limestone. Besides these large quarries, the products of which have a wide shipping range, small quarries producing building stone for local use are worked near Quebec City, Montreal, and Hull in Quebec; and at Ottawa,

Kingston, and Wiarton in Ontario. Rubble is their chief product.

"Some of the quarry companies market stone in all stages of manufacture, from the mill block to elaborately carved material; others sell stone only in the mill block. Waste material is utilized for crushed stone, rubble, riprap, flagging, chemical and metallurgical purposes, and for lime manufacture.

"Prices of limestone in the mill block f.o.b. quarry have remained almost stationary in recent years, and range from 50 cents to $1 a cubic foot, depending on the size of block and grade of stone.

MARBLE

Table 13 - PRODUCTION OF MARBLE IN CANADA, 1934-1943

Year	Short tons	$	Year	Short tons	$
1934	13,783	69,475	1939	14,124	200,054
1935	15,975	85,369	1940	13,739	75,409
1936	22,866	169,698	1941	17,649	126,081
1937	21,642	88,595	1942	13,824	88,209
1938	19,375	87,274	1943	11,848	68,022

The following abstracts are from a report prepared by the Bureau of Mines, Ottawa:

"Marble quarries are operated in Quebec, Ontario, Manitoba, and British Columbia. The products include squared blocks for sawing into slabs and for making monuments, and broken marble for rubble and for making terrazzo, stucco dash, whiting substitute, poultry grit, marble flour, and artificial stone. Waste from some of the quarries is sold for chemical uses and for road metal.

"In Quebec, several varieties of clouded grey marble and also a black marble are quarried at Phillipsburg by Missisquoi Stone and Marble Company, Limited. Some brown marble used for counters and wainscoting is obtained from the building stone quarries in the Trenton limestone at St. Marc des Carrières, Portneuf county. Dolomitic white marble is quarried and crushed by White Grit Company at Portage du Fort, Pontiac county, and by Canada Marble and Lime Company at L'Annonciation, Labelle county, for the making of terrazzo chips, stucco dash, poultry grit, artificial stone, and for chemical and ceramic uses. A small quantity of dark red marble has been quarried at Cap St. Martin near Montreal, chiefly for making tombstones.

"In Ontario, black marble in beds up to 40 inches thick is quarried at St. Albert, near Ottawa, by Silvertone Black Quarries Limited. White marble is quarried at Marmora by Bonter Marble and Calcium Company, Limited, and at Haliburton by Bolender Brothers for making terrazzo chips, poultry grit, stucco dash, and artificial stone. Buff, red, white, green, and black marbles are quarried north of Madoc by Karl Stocklosar and by Connolly Marble, Mosaic and Tile Company, Limited for use as terrazzo.

"In Manitoba, a number of highly coloured marbles are available, but there is only a small production to supply terrazzo chips and building rubble.

"In British Columbia there are many deposits of marble, but there is only a small production of white marble from near Victoria and from Texada Island for use as terrazzo, poultry grit, marble sand, and whiting substitute.

"Many known deposits of beautifully coloured marbles have never been fully investigated, chiefly because the present demand in Canada for marble of any one colour, other than for a staple variety, such as white, is comparatively small.

"The war has adversely affected the Canadian marble industry, for in 1943 most of the buildings erected were of the industrial type in which little or no standing marble was used. Few of the quarries were in active operation and such shipments as were made of block or slab marble were from stock. Some of the operators have recently taken on as a side line the production of terrazzo and poultry grit from waste marble. Most of the terrazzo previously originated in Europe but now a good range of colours is available in domestic material. Colours that are still in short supply are deep reds and some shades of yellow.

"There is a wide range in the price of marble depending on quality and rareness of colouring."

SANDSTONE

Table 14 - PRODUCTION OF SANDSTONE IN CANADA, 1934-1943

Year	Short tons	$	Year	Short tons	$
1934	115,169	143,283	1939	176,265	331,830
1935	342,824	838,005	1940	176,475	305.543
1936	285,508	495,856	1941	169,885	305,528
1937	235,165	343,871	1942	155,865	236,810
1938	101,854	218,405	1943	164,163	250,603

Canadian sandstone has been utilized extensively in the construction of many important public buildings in Canada and is finding increasing favour as a material in the construction of the better type home. The rock occurs in Canada in a variety of colours, including white, reddish brown, yellow and grey. Shipments of sandstone were made in 1943 from quarries located in all of the provinces with the exception of Prince Edward Island, Manitoba, Saskatchewan and Alberta.

The greater part of the crude output in 1943 was employed as rubble and riprap and in the crushed state for concrete, highway construction and railroad ballasting. Sandstone in British Columbia, New Brunswick and Nova Scotia has been employed in the manufacture of abrasive wheels and sharpening stones; such production is included with natural abrasives manufacture. Crude, crushed or ground quartzite sold for fluxing purposes or as silica sand is included under quartz as production.

SLATE

Table 15 - PRODUCTION OF SLATE IN CANADA, 1934-1943

Year	Short tons	$	Year	Short tons	$
1934	738	4,802	1939	1,149	6,760
1935	1,129	4,329	1940	1,113	7,522
1936	1,247	5,414	1941	1,296	12,562
1937	900	5,519	1942	1,369	16,801
1938	979	6,311	1943	1,336	17,733

Canadian slate production in 1943 came entirely from the provinces of Quebec and British Columbia and represented shipments of the stone in the form of granules for roofing purposes, riprap and asphalt filling. No Canadian deposits of slate suitable for the production of high grade roofing slates or shingles have been reported as being under development in recent years.

WHITING SUBSTITUTE

(Bureau of Mines, Ottawa)

Whiting substitute, as the name implies, is a material that may be used in place of chalk whiting, all of which originates in England or in continental Europe. It may be made from white limestone or white marble, marl, lime, or the waste calcium carbonate sludge resulting from the manufacture of caustic soda.

The products made from white marble or white limestone are pulverized to various degrees of fineness ranging from 200 to 400 mesh, and the raw material used contains very little magnesium carbonate, though in the past a whiting substitute made from white dolomite was produced in Eastern Canada for making putty.

The principal differences between whiting made from chalk and whiting substitute made from marble or limestone are that the latter is usually whiter, has a low capacity for absorbing oil, and the individual particles are subangular rather than rounded. Most of the whiting substitute made in Canada is made from white marble.

Marl suitable for making whiting substitute should be white or nearly so, be nearly free from grit and clayey material, and have a very low content of organic matter. This last-named constituent, which is

present to some extent in all deposits of marl, renders the product unsuitable for use as a filler in products such as putty and paint where it will come in contact with oils. The oil-absorptive capacity of whiting substitute made from marl is usually greater than that of whiting, but in other respects the physical characteristics of the two products are much the same. Two plants have been built to make whiting substitute from marl, but only one was in operation in 1943. The output of that plant was utilized entirely as a filler for newsprint.

By-product precipitated chalk, made from waste sludge resulting from the manufacture of caustic soda from soda ash and lime, is classed as a whiting substitute, but its usefulness is restricted by the fact that it almost invariably contains a small amount of free alkali. The raw materials for the manufacture of by-product precipitated chalk are available, but it is not yet being made in Canada.

Producers of whiting substitute are: Pulverized Products, Limited, Montreal; Claxton Manufacturing Company, Toronto; White Valley Chemicals, Limited, Toronto; Marlhill Mines, Limited, Marlbank, Ontario; Gypsum, Lime and Alabastine, Canada, Limited, Winnipeg; and Beale Quarries, Limited, Van Anda, Texada Island, British Columbia.

No separate record is kept of production of whiting substitute, but it is known that the industry has experienced a steady growth in recent years because improvements in grinding equipment and the maintenance of close technical control have enabled products to be marketed that are very consistent in chemical and physical properties. Many manufacturers now use the domestic products with entire satisfaction in place of imported whiting, and with all European sources of whiting cut off because of the war the domestic industry is largely supplying the Canadian market.

Whiting substitute made in Canada is used mostly in the manufacture of oilcloth, linoleum, in certain kinds of rubber products, in putty, in explosives, and as a filler in newsprint, book, and magazine paper. In lesser quantities it is used in the manufacture of moulded articles, cleaning compounds and polishes, as a ceramic glaze, and for a number of other purposes.

Prices per ton, bagged and in carload lots, range from $8 to $15 a ton f.o.b. plants.

Table 16 - PRODUCTION OF STONE FOR BUILDING PURPOSES, CHEMICAL USE, CEMENT MANUFACTURE, CONCRETE AGGREGATE, ROAD METAL AND RAILROAD BALLAST, 1934-1943

Year		Building stone(a)	For chemical purposes(b)	For concrete aggregate	For road metal	For railroad ballast	For cement manufacture(c)
1934	tons	52,665	489,580	821,099	2,062,487	345,802	806,546
	$	490,095	447,429	608,240	1,668,927	209,296	...
1935	tons	200,899	537,799	804,719	1,976,363	351,302	818,443
	$	1,258,741	483,709	523,847	1,987,351	211,993	...
1936	tons	42,335	615,207	1,014,145	1,903,927	784,081	1,180,358
	$	714,616	553,597	730,617	1,653,134	659,656	...
1937	tons	49,098	693,947	1,497,655	3,169,136	642,248	1,465,168
	$	746,370	626,297	1,214,181	2,522,080	570,606	...
1938	tons	49,666	551,737	981,739	2,721,922	86,019	1,358,689
	$	725,402	468,000	791,971	2,347,010	58,816	...
1939	tons	71,288	577,278	1,344,636	2,131,306	600,266	1,407,099
	$	1,344,340	523,579	1,109,028	1,773,337	522,882	...
1940	tons	97,336	725,685	2,673,078	2,300,613	896,408	1,784,291
	$	722,514	681,796	2,171,487	1,885,744	741,772	...
1941	tons	54,262	965,690	2,581,583	2,958,613	446,505	2,113,618
	$	653,077	889,574	1,986,226	2,484,393	322,348	...
1942	tons	24,897	1,236,044	2,924,737	2,275,706	683,317	2,186,248
	$	361,781	1,651,982	2,424,357	1,877,473	527,814	...
1943	tons	17,087	1,329,226	1,981,222	2,108,428	852,928	1,994,202
	$	314,428	1,330,127	1,727,889	1,989,509	704,389	...

(a) Does not include monumental or ornamental stone.
(b) Does not include limestone used in Canadian lime industry.
(c) Includes shale 1937-1943. (Includes 13,821 tons shale in 1938; 27,241 tons in 1939; 18,347 tons in 1940; 26,837 tons in 1941; 30,498 tons in 1942 and 75,460 tons in 1943).

Table 17 - IMPORTS INTO CANADA AND EXPORTS OF STONE, BY KINDS, 1942 and 1943

		1942 Quantity	1942 Value	1943 Quantity	1943 Value
			$		$
Imports -					
Curling stones and handles therefor	pair	380	8,069	392	8,784
Flagstone, sandstone, and all building stone, not hammered, sawn or chiselled..	ton	800	6,135	422	1,651
Flagstone and building stone, other than marble or granite, sawn on not more than two sides	ton	518	2,975	432	4,000
Granite, rough, not hammered or chiselled.	...	...	44,022	...	47,291
Granite, sawn only	...	...	17,488	...	16,450
Granite, monuments	...	...	609	...	...
Granite, manufactures of, n.o.p.	...	...	2,129	...	5,828
Marble, rough, not hammered or chiselled..	...	...	4,446	...	5,462
Marble, sawn or sand rubbed, not polished.	...	...	8,951	...	10,282
Marble, not further manufactured than sawn for tombstones	...	...	15,091	...	25,971
Marble, manufactures of, n.o.p.	...	...	5,476	...	8,915
Refuse stone	ton	633,086	349,776	807,561	447,850
Slate roofing	square	454	4,338	460	5,229
Slate pencils and school writing slates ..	...	...	7,838	...	7,843
Slate mantels and manufactures of slate, n.o.p.	...	...	26,679	...	29,666
Chalk, china, cornwall or cliff stone and mica schist	...	...	16,800	...	33,404
Mineral wool	ton	807	54,776	...	72,780
Whiting, gilders' whiting and Paris white.	ton	11,889	255,414	11,198	257,496
Manufactures of stone, n.o.p.	...	...	22,913	...	18,346
Lithographic stones not engraved	...	...	464	...	467
Chalk, prepared	...	...	12,321	...	12,290
Pumice and pumice stone and lava tufa	...	...	28,919	...	19,479
Grindstones, not mounted and not less than 36 inches in diameter	No.	1,100	97,981	612	64,731
Grindstones, n.o.p.	No.	594	2,967	1,068	2,266
Burrstones, rough, in blocks	No.	70	2,747	36	452
Ganister	ton	949	8,865	484	3,970
TOTAL	...	...	1,008,189	...	1,110,903
Exports -					
Crushed stone	ton	608	617	1,173	999
Granite and marble, unwrought	ton	3,245	47,155	3,762	47,258
Dressed stone of all kinds	...	...	14,433	...	7,819
Grindstones, manufactured	...	...	4,546	...	5,032
TOTAL	...	...	66,751	...	61,108

DIRECTORY OF THE STONE QUARRYING INDUSTRY, 1943

(x) Firms operating dressing works in conjunction with quarry.
(✓) Did not ship in 1943.

Name	Head Office Address	Location
	GRANITE	
Nova Scotia -		
Bower, A. R.	Box 255, Shelburne	Shelburne
Dauphinee, W. T. (x)	Shelburne	Shelburne
N.S. Department of Highways	Halifax	Various
Rice Bros.	Lawrencetown	Nictaux West
Shaw, Wm. (for W. H. Nixon) (x)	Williamstown	Nictaux West
Shelburne Granite Works (x) (✓)	Shelburne	Birchtown

DIRECTORY OF THE STONE QUARRYING INDUSTRY, 1943 - (Continued)

Name	Head Office Address	Location
	GRANITE (Continued)	
New Brunswick -		
Granite Street Pavement & Construction Co. Ltd. (x)	Box 1137, Saint John	Hampstead
Mooney, B., & Sons (x)	49 Canterbury St., Saint John	Hampstead
Spinney, Stephen, Estate of	St. George	St. George
Quebec -		
Anderson, Jas.	Box 125, Beebe	Beebe
Berubé, Lucien (x)	Brownsburg	Chatham Tp.
Bolduc, Antonio	St. Sebastien	Beauce
Bourbonnais, J. P.	Dorion-Vaudreuil	Rigaud
Brodies Ltd. (x)	1070 Bleury St., Montreal	Graniteville, Guenette, and Mount Johnson
Bullock, W. W.	Graniteville	Stanstead Co.
Cie de Marbre & Tuile de Quebec	181 rue St. Jean, Quebec	Ste. Cecile de Frontenac
Cloutier, R. L. (x)	Beebe	Beebe
Delwaide & Goffin (x)	1365 rue St. Valier, Quebec	Chicoutimi
Desy, Lorenzo	Almaville	Almaville
Didier, Jos. Belley	330 St. Dominique, Jonquière	Jonquière
Dubois, Honore	Rivière a Pierre	Rivière a Pierre
Dumas & Voyer (x)	Rivière a Pierre	Bois Tp.
Foundation Co. of Canada Ltd. (x)	Guy and Sherbrooke Sts., Montreal	Chicoutimi
Frenette, P. E.	Rimouski	Rimouski
Gaboriault & Niven	Box 65, Grenville	Argenteuil Co.
Gagnon, Arthur	1740 .. 4ème rue, Grand'Mère	Grand'Mère
Granit National Ltée (x)	St. Joseph d'Alma	St. Joseph d'Alma
Grenier, Elie	Glenada	Glenada
Lacasse & Boulais	Box 23, Beebe	Beebe
Lambert, Alcide	Shawinigan Falls	Ste. Flore
Maltais, Chas.	98 rue St. Joseph, St. Joseph d'Alma	St. Joseph d'Alma
Massicotte, Lucien	504 Notre Dame, Cap de la Madeleine	La Tuque
McNamara Construction Co. (x)	42 Industrial St., Leaside, Ont.	Long Point of Mingan
Perron, Arthur	Rivière a Pierre	Rivière a Pierre
Quebec North Shore Paper Co.	680 Sherbrooke St. W., Montreal	Baie Comeau
St. Bruno Quarry & Paving Co. Ltd.	636 Ave. Querbes, Outremont	Chambly Co.
Scotstown Granite Co. Ltd. (x)	660 St. Catherine St., Montreal	Lingwick Tp.
Silver Granite Co. Ltd. (x)	2331 Provencal, Montreal	St. Samuel Station
Société d'Enterprises Générales Ltée	Amos	Amos
Wilkinson, Frank L.	Beebe	Stanstead Co.
Ontario -		
Building Products Ltd. (x)	Box 6063, Montreal, Que.	Madoc
Curran & Briggs Ltd.	61 Haverson Blvd., Toronto	Bancroft
Fort William, City of	City Hall, Fort William	Mt. McKay
Horne, Wm., Granite Quarries (x)	Butler, via Ignace	Butler
Ontario Rock Co. Ltd.	2 College St., Toronto 2	Belmont Tp.
Manitoba -		
Winnitoba Marble Co. (x)(✓)	1180 Wall St., Winnipeg	Hawk Lake
British Columbia -		
B.C. Monumental Works Ltd. (x)	27 Kingsway, Vancouver	Granite Island
Canadian National Railways	Montreal, Que.	Various
Canadian Pacific Railways	Montreal, Que.	Ashcroft
Gilley Bros. Ltd.	902 Columbia St., New Westminster	Granite Island
Nelson, City of	City Hall, 501 Front St., Nelson	Kootenay District

DDIRECTORY OF THE STONE QUARRYING INDUSTRY, 1943 - (Continued)

Name	Head Office Address	Location
	GRANITE (Concluded)	
British Columbia (Con.) -		
Nelson Granite & Monumental Co.	505 Front St., Nelson	Nelson
Trail, City of	1394 Pine Ave., Trail	West Kootenay
Vancouver Granite Co. Ltd.	308 Pacific Bldg., Vancouver	Nelson Island
Wilson, Jas. G. (x)	Sirdar	Sirdar
	LIMESTONE	
Nova Scotia -		
Dillman, Thos. (x)	Admiral Rock	Admiral Rock
Dominion Steel & Coal Corp.	Sydney	Point Edward
Eastern Lime Co. (x)	Windsor	Windsor
Kirkpatrick, Robie	Kirkhill	Kirkhill
McVicar & McDonald (✓)	Bailey's Brook	Doctors Brook
Mersey Paper Co. Ltd.	Liverpool	East River
Mosher, O. P. & Sons	Upper Musquodoboit	Musquodoboit
Nairn, J. S. (Dolomite)	24 Whitney Ave., Sydney	Scotch Lake
North Inverness Lime Crushing Association (✓)	Grand Etang	North Inverness District
Nova Scotia Department of Agriculture	Truro	Various
Nova Scotia Department of Highways	Halifax	Various
Smiley, Howard (✓)	Newport	Upper Newport
Windsor Foundry (x)	O'Brien St., Windsor	Manner Point
New Brunswick -		
Alward, R. M.	Havelock	Havelock
Brookville Manufacturing Co.	Brookville	Brookville
Saint John Lime Co. (✓)	Brookville	Brookville
Snowflake Lime Ltd.	3 Pokiok Rd., Saint John	Saint John
Quebec -		
Aluminum Company of Canada Ltd.	1700 Sun Life Bldg., Montreal	Chicoutimi
Andorno, Jean (x)	Cap St. Martin	Cap St. Martin
Assels, J. G.	Port Daniel Centre	Clemville
Beaudry, J. P.	41 rue Taché, Joliette	Joliette
Bedard, Jean, Ltd.	St. Martin	St. Martin
Boucher, Louis	Gaspé Percé	Gaspé Percé
Boucher, Telesphore	Notre Dame de la Salette	Notre Dame de la Salette
Bourget, John D.	Deforceville	Deforceville
Canada Cement Co. Ltd.	Box 290, Station B, Montreal	Hull
Canadian Quarries Co.	10 Ouest, St. Jacques, Montreal	Ville St. Michel
Carrière de Cap St. Martin	636 Ave. Querbes, Outremont	Cap St. Martin
Carrière Chateau Enrg.	Chateau Richer	Chateau Richer
Carrière Gravel Ltée	Chateau Richer	Chateau Richer
Carrière Pointe Claire	Dorion-Vaudreuil	Beaconsfield
Carrière St. Barthelemi	St. Barthelemi	St. Barthelemi
Carrière St. Dominique Ltée (x)	555 .. 16ème Ave., St. Hyacinthe	St. Dominique
Carrière St. Maurice Ltée	1293 rue Hart, Trois Rivières	St. Louis de France
Carrière Trois Rivières Ltée (x)	St. Louis de France	St. Louis de France
Charbonneau, L., & Cie	St. François de Sales	Laval Co.
Cie de Construction de Roberval Ltée	Roberval	Roberval
Couture, L. P.	Ste. Anne des Monts	Ste. Anne des Monts
Department of Justice	Ottawa	St. Vincent de Paul
Deschambault Quarry Corp. (x)	56 rue St. Pierre, Quebec	St. Marc
Dominion Lime Ltd. (x)	Lime Ridge	Lime Ridge
Drouin, Belonnie	Ste. Justine	Ste. Justine
Dufresne Engineering Co.	1832 Blvd. Pie IX, Montreal	Rivière des Prairies
Durocher, Cyrille	11021 Notre Dame E., Montreal	Montreal East

DIRECTORY OF THE STONE QUARRYING INDUSTRY, 1943 - (Continued)

Name	Head Office Address	Location
	LIMESTONE (Continued)	
Quebec (Con.) -		
Eucher, Willie Tremblay	Ste. Anne de Chicoutimi	Chicoutimi
Filion, Aldège	Lachute	Lachute
Fortin, Camille	Chambord, Lac St. Jean	St. Jean
Gagné, Octave	St. Ulric	St. Ulric
Gagnon & Leclerc	St. Joachim	St. Joachim
Gaspesian Fertilizer Co.	Port Daniel E.	Port Daniel E.
Gauthier, Jos. O. (x)	St. Marc des Carrières	St. Marc des Carrières
Gauthier, Réne	7657 Henri Julien, Montreal	Belanger Tp.
Gingras & Frère Ltée	St. Marc des Carrières	St. Marc des Carrières
Gosselin, A.	St. Laurent	St. Laurent
Gouin, J. A.	Box 240, Trois Rivières	St. Marc des Carrières
Highway Paving Co.	6301 Park Ave., Montreal	Chicoutimi
Kennedy Construction Co. Ltd.	407 McGill St., Montreal	Actonvale
Lagace Quarry	130 Labelle Blvd., Quebec	St. Martin
Lakeshore Construction Co.	137 Cartier Ave., Pointe Claire	Pointe Claire
Landry, J. B. A.	St. André-Matapédia	St. André
Lapan, Frank Ltd.	2805 Lacordaire St., Montreal	Montreal
Larouche, J. B. (x)	Baie St. Paul	Baie St. Paul
La Salle Products Ltd.	159 Jean-Talon W., Montreal	Ville St. Michel
Laurentian Stone Co. Ltd.	195 Nicholas St., Ottawa, Ont.	Wrightville
Leclerc, J. J.	Drapeau	Drapeau
Les Amendements Calcaires de Rivière Bleue (x)	Rivière Bleue	Temiscouata Co.
Martineau Fils Ltée (x)	517 Marie Anne E., Montreal	Pont Viau, Montreal
Mercure, Camille	555 .. 16ème Ave., St. Hyacinthe	St. Dominique
Miner, R. H. Co. Ltd.	Room 719, Sun Life Bldg., Montreal	St. Laurent and Belanger Village
Montreal Quarry & Cut Stone Co.	2020 Union Ave., Montreal	Cote St. Michel
National Quarries Ltd.	6301 Park Ave., Montreal	Cote St. Michel
Naud, Eugene	Hamelin	St. Marc des Carrières
Ouimet, Eugene	St. Jean	St. Jean
Paquette, Levis	Cap St. Martin	Cap St. Martin
Pelletier, Jos. E.	Ste. Anne des Monts	Ste. Anne des Monts
Pierre a Chaud Ltée	St. Marc des Carrières	St. Marc des Carrières
Poirier, Edgar	St. Siméon	St. Siméon
Quebec Department of Highways	Quebec	Various
Rioux, Louis	Cowansville	Cowansville
Rousseau, T. E.	105 Cote de la Montagne, Quebec	Val Brilliant New Carlisle
St. Francis Rock Products & Equipment Ltd.	St. Laurent	St. Laurent
St. Laurent Stone Products & Supplies Ltd.	St. Laurent	Laval Co.
Shawinigan Chemicals Ltd.	Power Bldg., Montreal	Bedford
Société Co-Opérative Agricole	St. Godefroi	St. Godefroi
Standard Clay Products Ltd.	Box 189, St. Johns	St. Johns
Standard Lime Co. Ltd.	Joliette	St. Paul de Joliette
Syndicat Co-Opérative Carrière Ferme Neuve	Ferme Neuve	Ferme Neuve
Syndicat de Broyage de Lévis	St. Joseph de Lévis	St. Joseph de Lévis
Trappist Fathers	Village des Pères	Village des Pères
Tremblay, Louis P.	Matane	Matane
Tremblay, Nap.	31 rue Joffre, Hull	Hull
Turcotte & Asselin	370 Dorchester, Quebec	Chateau Richer
Union des Carrières & Pavages Ltée	42 .. 21ème Ave., Quebec	Charlesbourg
Varin, Jos.	3275 St. Michel, Montreal	St. Michel
Verreault, Elz.	194 Dupont, Quebec	Giffard
Viau, Paul	340 Blvd. du Havre, Valleyfield	Valleyfield

DIRECTORY OF THE STONE QUARRYING INDUSTRY, 1945 - (Continued)

Name	Head Office Address	Location
LIMESTONE (Concluded)		
Ontario -		
Bonter Marble & Calcium Co. Ltd.	Box 61, Marmora	Marmora
Bonter, W. F.	Malone	Malone
Brunner, Mond Canada, Ltd.	Bank of Commerce Bldg., Toronto	Anderdon Tp.
Canada Cement Co. Ltd.	Box 290, Station B, Montreal, Que.	Thurlow Tp.
Canadian Crushed Stone Ltd.	72 Sun Life Bldg., Hamilton	Dundas and Hagersville
Chemical Lime Co. Ltd.	Beachville	Oxford Co.
Cook, J. S.	Wiarton	Amabel Tp.
Gypsum, Lime & Alabastine Canada, Ltd.	Paris	Beachville, Hespeler and Milton
Hagersville Quarries Ltd.	Hagersville	Hagersville
Haldimand Quarries & Construction Ltd.	157 Wellington St. W., Toronto	Hagersville
Innerkip Quarries Ltd.	2700 Dufferin St., Toronto	Innerkip
Jamieson Lime Co.	Renfrew	Horton Tp.
Johnson Bros. Co. Ltd.	37 Market St., Brantford	Walpole Tp.
Kingston Penitentiary (x)	Box 22, Kingston	Portsmouth
Kirby, S.	215 Sussex St., Ottawa	Gloucester Tp.
Kirkfield Crushed Stone Ltd.	2700 Dufferin St., Toronto	Kirkfield
Lapierre, M. C.	1949 .. 8th Ave., Owen Sound	Owen Sound
Law, R. E., Stone Ltd.	Port Colborne	Port Colborne
Limestone Products Ltd.	1109 Millwood Rd., Toronto	N. Orillia Tp.
Marlhill Mines Ltd. (x)	Allanburg Rd., Thorold	Thorold
McDonald, A. G.	Bronte	Bronte
McGinnis & O'Connor	394 King St. E., Kingston	Barriefield
Noranda Mines Ltd.	1600 Royal Bank Bldg., Toronto 1	Haileybury
North American Cyanamid Ltd.	Niagara Falls	Ingersoll
Ontario Department of Highways	Parliament Bldgs., Toronto	Various
Ontario Rock Co. Ltd.	2 College St., Toronto 2	Belmont and Methuen Tps.
Pembroke, Corp. of	Pembroke	Pembroke
Peterborough, City of	Peterborough	Peterborough
Queenston Quarries Ltd. (x)	72 Sun Life Bldg., Hamilton	St. Davids
Walker Bros.	Thorold	Stamford Tp.
Wehman, John	578 Division St., Kingston	Kingston Tp.
Welland Crushed Stone & Building Co. Ltd.	Niagara Falls	Stamford Tp.
Manitoba -		
Building Products & Coal Co. Ltd.	111 Christie St., Winnipeg	Inwood
Gillies Quarries Ltd. (✓)	Richards & Spruce Sts., Winnipeg	Garson and Stonewall
McArdle, L. A. K.	Mafeking	Mafeking
Tyndall Quarry Co. Ltd. (x)	1591 Erin St., Winnipeg	Garson
Winnipeg, City of	223 James Ave., Winnipeg	Stoney Mountain
Winnipeg Supply & Fuel Co. Ltd.	812 Boyd Bldg., Winnipeg	Moosehorn and Stonewall
Alberta -		
Loders Lime Co. Ltd.	Kananaskis, Exshaw P.O.	Kananaskis
Summit Lime Works Ltd.	Box 273, Lethbridge	Lethbridge
British Columbia -		
Agostinelli & Vannuchi	957 Rossland Ave., Trail	Fife
Beale Quarries Ltd.	744 W. Hastings St., Vancouver	Van Anda
British Columbia Department of Highways	Victoria	Various
British Columbia Pulp & Paper Co. Ltd.	Bank of Nova Scotia Bldg., Vancouver	Nanaimo
Canadian Pacific Railways	Montreal, Que.	Golden
Christensen, P. (Koeye Lime Quarries)	Namu	Namu
Fernie, City of	Fernie	Fernie
Pacific Lime Co. Ltd.	744 W. Hastings St., Vancouver	Texada Island

DIRECTORY OF THE STONE QUARRYING INDUSTRY, 1943 - (Concluded)

Name	Head Office Address	Location
MARBLE		
Quebec -		
Mab Ltd.	98 Dupont, Quebec	St. Joseph de Beauce
Missisquoi Stone & Marble Co. Ltd. (x)	Phillipsburg	Phillipsburg
White Grit Co.	120 Strathcona Ave., Ottawa, Ont.	Portage du Fort
Ontario -		
Connolly Marble, Mosaic & Tile Co. Ltd. (f)	316 Dupont St., Toronto	Madoc Tp.
Silverstone Black Marble Quarries Ltd.	328 Waverley St., Ottawa	St. Albert
Stockloser, Karl	Box 13, Madoc	Eldorado
White Star Mine (Bolender Bros.)	Haliburton	Haliburton
British Columbia -		
Marble & Associated Products	507 Ellice St., Victoria	Malahat
SANDSTONE		
Nova Scotia -		
Fairview Crushed Stone	637A Gottingen St., Halifax	Halifax
Nova Scotia Department of Highways	Halifax	Various
Wallace Quarries Ltd.	Wallace	Wallace
New Brunswick -		
Read Stone Co. (x)(f)	Sackville	Stonehaven
Smith, E. A. (x)	Shediac	Shediac
Quebec -		
Blais, Jos.	32 Mont Marie Ave., Lévis	St. Romuald
Gagnon, L. P.	St. David de Lévis	St. David de Lévis
Rousseau, T. E.	105 Cote de la Montagne, Quebec	Val Brilliant
Ste. Marie, U.	Beauport	Beauport
Sherbrooke, City of	Sherbrooke	Sherbrooke
Simard, Adjutor	Pointe au Pic	Pointe au Pic
Ontario -		
Campbell Sandstone Quarries Ltd.	Box c19, Westboro	Bells Corners
Norton, A. W.	Limehouse	Limehouse
Sinfield, E. W.	Terra Cotta	Terra Cotta
Sykes Quarries	Church St., Georgetown	Glen Williams
British Columbia -		
Consolidated Mining & Smelting Co.	Trail	Fort Steele
SLATE		
Quebec -		
Williamson & Crombie	Kingsbury	Kingsbury
British Columbia -		
Brown, O. M.	1903 Lansdowne Rd., Victoria	Kapoor
Richmond, George W.	4190 Blenheim St., Vancouver	Howe Sound

2. SECONDARY PRODUCTION—THE STONE PRODUCTS INDUSTRY, 1943

In 1943 there were 151 stone dressing works whose operations were reported separately from the quarries. These plants were engaged chiefly in cutting or polishing Canadian or imported stone to produce finished monuments or cut and dressed stone for construction purposes. Retail establishments engaged only in selling and lettering monuments have not been included. Five producers of rock wool were also included in this industry.

Output from this industry was valued at $4,098,100 in 1943, an increase of 4 per cent over the total of $3,939,764 reported for the previous year. The 60 works in Ontario accounted for 59.2 per cent of the total output and the 41 plants in Quebec for 21.9 per cent. The average number of employees was 857 and $1,256,415 were paid in salaries and wages. Materials used in the cutting and dressing processes, including stone, cost $1,521,308 and expenditures for fuel and electricity amounted to $138,127.

Table 18 - PRINCIPAL STATISTICS OF THE STONE PRODUCTS INDUSTRY, 1933-1943

Year	Number of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		$		$	$	$	$
1933	212	5,461,171	821	841,425	87,562	691,525	2,162,650
1934	218	5,194,702	881	886,809	90,874	834,323	2,407,474
1935	222	5,180,887	1,066	1,174,229	107,836	1,010,999	3,079,118
1936	227	5,766,308	1,245	1,257,808	127,151	1,070,902	3,309,911
1937	229	5,213,431	1,159	1,352,566	122,209	1,142,885	3,371,242
1938	234	5,172,014	1,261	1,560,931	138,259	1,271,650	3,902,774
1939	190	4,991,636	1,257	1,458,780	139,438	1,259,547	3,805,989
1940	182	4,697,903	1,061	1,236,825	133,417	1,183,112	3,592,623
1941	173	4,297,208	987	1,296,534	137,842	1,244,013	3,883,496
1942	174	3,907,496	925	1,267,382	147,972	1,423,387	3,939,764
1943	151	3,345,642	857	1,256,415	138,127	1,521,308	4,098,100
Per cent change 1943 from 1942	...	-14.4	-7.4	-0.7	-6.9	+6.9	+4.0

NOTE: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 19 - PRINCIPAL STATISTICS OF THE STONE PRODUCTS INDUSTRY, BY PROVINCES, 1942 and 1943

Province	Number of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		$		$	$	$	$
1 9 4 2							
Prince Edward Island	1)	94,825	28	32,938	3,386	21,615	98,690
New Brunswick	5)						
Nova Scotia	7	82,639	27	27,797	3,287	27,314	95,984
Quebec	49	926,030	226	278,291	32,056	376,964	855,421
Ontario	74	2,189,084	498	751,679	93,208	892,455	2,447,489
Manitoba	14	175,997	46	47,866	4,786	38,895	115,421
Saskatchewan	9	105,858	32	44,079	4,319	30,199	108,151
Alberta	5	224,216	39	48,067	3,632	22,429	128,592
British Columbia ...	10	108,847	29	36,665	3,298	13,516	90,016
CANADA	174	3,907,496	925	1,267,382	147,972	1,423,387	3,939,764
1 9 4 3							
Prince Edward Island	1)	87,418	34	47,649	3,211	25,106	119,997
New Brunswick	5)						
Nova Scotia	8	86,267	29	30,519	3,764	35,400	103,687
Quebec	41	936,301	211	284,420	30,265	437,099	899,652
Ontario	60	1,545,719	442	698,534	86,482	888,410	2,428,455
Manitoba	13	194,413	38	50,763	4,130	39,840	132,743
Saskatchewan	8	116,123	33	46,604	2,907	38,767	146,527
Alberta	5	224,651	29	41,487	3,701	28,927	138,355
British Columbia ...	10	154,750	41	56,439	3,667	27,759	128,684
CANADA	151	3,345,642	857	1,256,415	138,127	1,521,308	4,098,100

Table 20 - CAPITAL EMPLOYED IN THE STONE PRODUCTS INDUSTRY, 1942 and 1943 (On the last day of the year)

Province	Present value of land, buildings, fixtures, machinery and tools	Value of Inventories: Materials, fuel and other supplies on hand and stocks in process	Value of Inventories: Finished goods on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	TOTAL CAPITAL EMPLOYED
	$	$	$	$	$
1 9 4 2					
Prince Edward Island) New Brunswick .....)	45,473	10,771	16,495	22,086	94,825
Nova Scotia	48,507	5,557	4,585	23,990	82,639
Quebec	571,198	128,180	110,405	116,247	926,030
Ontario	1,408,483	278,478	101,687	400,436	2,189,084
Manitoba	60,254	64,187	17,404	34,152	175,997
Saskatchewan	35,941	19,831	16,820	33,266	105,858
Alberta	128,196	22,760	16,205	57,055	224,216
British Columbia ...	62,466	12,522	14,983	18,876	108,847
CANADA	2,360,518	542,286	298,584	706,108	3,907,496
1 9 4 3					
Prince Edward Island) New Brunswick .....)	37,896	10,253	17,770	21,499	87,418
Nova Scotia	50,279	5,840	4,986	25,164	86,267
Quebec	518,868	127,824	94,772	194,837	936,301
Ontario	883,563	255,053	88,724	318,379	1,545,719
Manitoba	81,704	58,754	17,019	36,936	194,413
Saskatchewan	40,617	24,866	12,627	38,013	116,123
Alberta	128,374	19,958	12,530	63,789	224,651
British Columbia ...	78,687	12,308	15,954	47,801	154,750
CANADA	1,819,986	514,856	264,382	746,418	3,345,642

Table 21 - EMPLOYEES, SALARIES AND WAGES IN THE STONE PRODUCTS INDUSTRY, by PROVINCES, 1942 and 1943

Province	Average Number of Employees: On Salaries Male	On Salaries Female	On Wages Male	On Wages Female	TOTAL	Salaries	Wages	TOTAL SALARIES and WAGES
						$	$	$
1 9 4 2								
Prince Edward Island) New Brunswick .....)	5	2	21	...	28	11,098	21,840	32,938
Nova Scotia	7	1	19	...	27	7,114	20,683	27,797
Quebec	66	2	149	9	226	94,053	184,238	278,291
Ontario	111	19	359	9	498	217,992	533,687	751,679
Manitoba	21	1	24	...	46	22,509	25,357	47,866
Saskatchewan	14	2	16	...	32	21,575	22,504	44,079
Alberta	11	2	23	3	39	18,371	29,696	48,067
British Columbia ...	13	...	16	...	29	16,093	20,572	36,665
CANADA	248	29	627	21	925	408,805	858,577	1,267,382
1 9 4 3								
Prince Edward Island) New Brunswick .....)	5	2	27	...	34	10,797	36,852	47,649
Nova Scotia	8	1	20	...	29	9,204	21,315	30,519
Quebec	55	3	139	14	211	84,444	199,976	284,420
Ontario	93	14	314	21	442	186,863	511,671	698,534
Manitoba	18	1	19	...	38	25,651	25,112	50,763
Saskatchewan	12	2	17	2	33	23,394	23,210	46,604
Alberta	6	5	18	...	29	12,846	28,641	41,487
British Columbia ...	14	...	26	1	41	18,489	37,950	56,439
CANADA	211	28	580	38	857	371,688	884,727	1,256,415

Table 22 - WAGE-EARNERS, BY MONTHS, IN THE STONE PRODUCTS INDUSTRY, 1942 and 1943 (Number on payroll on the last work day of each month)

Month	1942 Male	1942 Female	1942 TOTAL	1943 Male	1943 Female	1943 TOTAL
January	494	13	507	513	21	534
February	483	13	496	521	20	541
March	557	13	570	538	20	558
April	590	13	603	568	28	696
May	654	24	678	581	35	616
June	685	21	706	585	39	624
July	704	22	726	590	34	624
August	688	26	714	595	41	636
September	648	25	673	597	44	641
October	643	25	668	593	51	644
November	605	28	633	578	54	632
December	569	31	600	529	50	579
AVERAGE	627	21	648	580	38	618

Table 23 - HOURS WORKED PER WEEK BY WAGE-EARNERS IN THE STONE PRODUCTS INDUSTRY, 1942 and 1943 (In one week of highest employment; overtime included)

Hours worked per week	Number of Wage-Earners 1942 Male	1942 Female	1943 Male	1943 Female
30 hours or less	37	...	38	5
31-43 hours	94	1	89	28
44 hours	159	4	166	2
45-47 hours	55	1	28	5
48 hours	223	24	139	4
49-50 hours	95	...	51	...
51-54 hours	32	...	31	...
55 hours	11	...	10	...
56-64 hours	57	...	58	3
65 hours and over	63	...	55	...
TOTAL	826	30	665	47
Total wages paid in selected week ..... $	23,638	553	20,110	746

Table 24 - FUEL AND ELECTRICITY USED IN THE STONE PRODUCTS INDUSTRY, 1942 and 1943

Kind	Unit of measure	1942 Quantity	1942 Cost at works $	1943 Quantity	1943 Cost at works $
Bituminous coal--Canadian	ton	1,410	11,959	1,332	11,068
Imported	ton	3,213	21,665	3,584	26,332
Anthracite coal	ton	157	2,288	183	2,718
Lignite coal	ton	6	46	8	112
Coke	ton	222	2,546	131	2,285
Gasoline	Imp.gal.	53,967	17,021	44,067	14,263
Kerosene or coal oil	Imp.gal.	28	7	365	112
Fuel oil	Imp.gal.	115,628	11,212	83,401	8,563
Wood	cord	233	1,873	176	1,506
Gas--Manufactured	M cu. ft.	44	43	94	72
Natural	M cu.ft.	504	301	474	306
Other fuel	...	...	990	...	1,487
Electricity purchased	K. W. H.	6,110,719	78,021	6,474,809	69,303
TOTAL	...	...	147,972	...	138,127

Table 25 - POWER EQUIPMENT IN THE STONE PRODUCTS INDUSTRY, 1942 and 1943

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total raged horse power	Number of units	Total rated horse power
1 9 4 2				
Steam engines and steam turbines	2	157	...	...
Diesel engines	4	213	1	80
Gasoline, gas and oil engines (other than diesel)	9	106	3	142
Hydraulic turbines or water wheels	1	25	...	...
Total Primary Equipment	16	501	4	222
Electric motors run by purchased power	619	6,901	37	544
TOTAL	635	7,402	41	766
Stationary boilers	7	206	...	...
Motor generator sets	1	25	...	...
1 9 4 3				
Steam engines and steam turbines	2	157	...	...
Diesel engines	4	165	...	...
Gasoline, gas and oil engines (other than diesel)	11	172	2	82
Hydraulic turbines or water wheels	1	25	...	...
Total Primary Equipment	18	517	2	82
Electric motors run by purchased power	543	5,360	26	270
TOTAL	561	5,877	28	352
Stationary boilers	9	470	2	121
Motor generator sets	...	...	...	...

Table 26 - COST OF MATERIALS USED IN THE STONE PRODUCTS INDUSTRY, 1942 and 1943

	Cost at Works	
	1 9 4 2	1 9 4 3
	$	$
Stone--(a) From Canadian quarries	367,605	344,413
(b) Imported	193,808	178,572
Monuments, cut and polished, for lettering only	102,052	87,106
All other materials	759,922	911,217
TOTAL	1,423,387	1,521,308

Table 27 - OUTPUT OF THE STONE PRODUCTS INDUSTRY, 1942 and 1943

Product	Total Selling Value at Works	
	1 9 4 2	1 9 4 3
	$	$
Granite, cut and polished -		
(a) Monuments	1,602,854	1,273,349
(b) for building purposes	121,450	395,100
Marble, cut and polished -		
(a) Monuments	197,189	198,934
(b) For building purposes	139,109	125,385
Marble chips and dust	32,368	54,718
Limestone -		
(a) Monuments and bases	23,455	24,461
(b) For building purposes	102,388	37,871
Finished monuments, lettered only	162,047	152,665
Other products (x)	1,483,601	1,787,600
Repairs and custom work (re-lettering, etc.)	75,323	48,017
TOTAL	3,939,764	4,098,100

(x) Includes rock wool, etc.

Table 28 - PRODUCTION FROM THE STONE PRODUCTS INDUSTRY, BY PROVINCES, 1942 and 1943

	Granite		Marble			Limestone		Finished monuments, lettered only	Other products	TOTAL
	Monuments	For building purposes	Monuments	For building purposes	Marble chips and dust	Monuments and bases	For building purposes			
	$	$	$	$	$	$	$	$	$	$
Prince Edward Island and New Brunswick										
1942	82,551	...	11,084	...	...	1,500	...	2,440	1,115	98,690
1943	96,202	...	20,470	...	...	...	...	2,310	1,015	119,997
Nova Scotia -										
1942	38,894	1,770	17,276	...	...	1,334	...	32,034	4,676	95,984
1943	48,510	...	21,530	...	...	...	...	31,499	2,148	103,687
Quebec -										
1942	401,774	57,548	8,807	54,429	1,880	4,590	1,000	6,106	319,287	855,421
1943	451,938	23,473	7,656	39,150	5,264	2,425	420	15,770	353,556	899,652
Ontario -										
1942	840,207	37,132	92,301	75,426	7,678	3,400	101,038	78,789	1,211,518	2,447,489
1943	751,272	400	102,773	41,966	1,511	15,221	32,805	75,976	1,406,531	2,428,455
Manitoba -										
1942	52,475	...	17,386	...	165	5,482	...	31,314	8,599	115,421
1943	55,788	14,495	18,699	7,360	23,289	2,075	1,402	7,785	1,850	132,743
Saskatchewan -										
1942	47,973	...	37,918	...	1,415	6,629	350	5,875	7,991	108,151
1943	66,164	...	44,344	...	1,654	7,215	1,394	8,375	17,381	146,527
Alberta -										
1942	61,087	25,000	10,117	5,000	21,230	500	...	4,329	1,329	128,592
1943	65,556	27,500	9,607	5,500	23,000	...	600	...	6,532	138,355
British Columbia -										
1942	77,893	...	2,300	4,254	...	...	...	1,160	4,409	90,016
1943	66,326	...	2,210	2,654	...	...	...	10,950	46,544	128,684
CANADA -										
1942	1,602,854	121,450	197,189	139,109	32,368	23,435	102,388	162,047	1,558,924	3,939,764
1943	1,601,756	65,868	227,289	96,630	54,718	27,536	36,021	152,665	1,835,617	4,098,100

Table 29 - TOTAL PRODUCTION IN CANADA OF DRESSED BUILDING STONE, 1927-1943

Year	Granite		Marble		Limestone		Sandstone from quarries	TOTAL
	From quarries	From dressing works	From quarries	From dressing works	From quarries	From dressing works		
	$	$	$	$	$	$	$	$
1927	267,194	83,877	...	673,126	716,929	1,713,446	8,784	3,463,355
1928	667,050	314,553	340,585	883,076	702,081	2,861,336	18,000	5,786,681
1929	746,537	465,185	347,256	1,631,112	944,431	2,739,504	92,500	6,956,585
1930	1,189,120	902,519	687,115	1,339,108	1,416,377	2,706,390	286,972	8,527,501
1931	1,011,499	1,031,202	576,458	1,054,952	1,085,767	1,372,131	686,616	6,819,615
1932	336,632	79,136	188,743	339,627	348,187	636,294	20,580	1,949,199
1933	114,318	40,224	27,377	73,445	111,235	281,074	19,300	666,973
1934	216,574	35,957	...	137,902	173,536	280,279	5,500	849,748
1935	403,951	184,033	16,000	130,227	425,247	837,985	97,400	2,094,843
1936	171,858	336,306	104,738	175,834	189,064	514,375	167,859	1,654,034
1937	252,346	179,557	18,297	347,405	248,659	438,450	51,893	1,536,607
1938	244,501	216,485	1,440	369,698	227,324	832,123	83,692	1,975,263
1939	561,253	438,619	145,618	174,275	349,547	664,270	101,448	2,435,030
1940	255,527	159,427	19,680	216,271	192,183	446,441	55,139	1,346,668
1941	284,803	92,899	51,535	148,294	241,298	384,265	15,016	1,218,110
1942	108,807	121,450	19,476	139,109	169,382	102,388	8,600	669,212
1943	103,691	65,868	10,745	96,630	172,198	36,021	1,300	486,453

Table 30 - TOTAL PRODUCTION IN CANADA OF DRESSED MONUMENTAL AND ORNAMENTAL STONE, 1927-1943

Year	Granite		Marble		Limestone		Sandstone from quarries	TOTAL
	From quarries	From dressing works	From quarries	From dressing works	From quarries	From dressing works		
	$	$	$	$	$	$	$	$
1927 ...	147,510	1,728,293	449,717	420,651	1,523	97,264	...	2,844,958
1928 ...	125,744	1,718,988	9,700	404,058	2,237	132,406	...	2,393,133
1929 ...	149,810	1,815,463	...	391,947	4,722	325,876	...	2,687,818
1930 ...	111,504	1,815,143	...	350,323	3,577	319,472	...	2,600,019
1931 ...	251,379	1,584,099	...	257,668	6,300	43,584	...	2,143,030
1932 ...	196,071	1,164,283	...	180,323	2,532	43,652	...	1,586,861
1933 ...	215,616	1,111,354	...	200,313	2,868	30,370	...	1,560,521
1934 ...	244,286	1,271,009	24,342	168,201	3,488	27,036	...	1,738,362
1935 ...	277,568	1,268,414	...	158,249	1,680	26,690	...	1,732,601
1936 ...	231,482	1,317,005	...	150,629	...	35,162	...	1,734,278
1937 ...	278,140	1,468,895	(x) 900	176,101	2,335	117,404	...	1,983,775
1938 ...	294,001	1,515,000	2,644	127,803	79,156	109,036	...	2,127,640
1939 ...	260,375	1,513,958	800	129,623	3,321	53,309	325	1,961,711
1940 ...	223,203	1,416,298	...	167,805	2,218	29,861	...	1,839,385
1941 ...	291,643	1,582,016	...	186,269	2,339	31,820	400	2,094,487
1942 ...	356,459	1,602,854	...	197,189	4,513	23,435	...	2,184,450
1943 ...	392,828	1,601,756	...	227,289	4,700	27,536	...	2,254,109

(x) Sandstone.

Table 31 - PRODUCTION IN CANADA AND IMPORTS OF ROCK WOOL, 1934-1943

Year	Production	Imports	
	$	Pounds	$
1934	1,709	2,987,611	69,267
1935	66,459	1,922,938	57,877
1936	265,472	2,391,504	101,592
1937	346,460	2,030,144	81,050
1938	396,261	1,337,954	45,109
1939	525,998	1,820,763	44,860
1940	935,229	2,082,589	52,233
1941	1,185,324	2,633,544	74,791
1942	1,417,258	1,613,914	54,776
1943	1,707,501	1,839,670	72,780

Table 32 - PRODUCTION OF ROCK WOOL IN CANADA, BY GRADES, 1943

		Quantity	Selling value at works
			$
4-inch batts	sq.ft.	74,030	3,268
3-inch batts	sq.ft.	13,020,551	433,914
2-inch batts	sq.ft.	24,738,379	692,134
1-inch batts	sq.ft.	3,255,630	68,969
Granulated	cu.ft.	3,208,415	381,003
Bulk or loose wool	cu.ft.	714,588	95,083
Industrial wool (both loose and granulated)	cu.ft.	311,721	33,130
TOTAL	...	...	1,707,501

Table 33 - SALES OF ROCK WOOL BY CANADIAN PRODUCERS, 1942 and 1943

	Three inch batts(x)	Two inch batts	One inch batts	Granulated wool	Bulk or loose wool	Industrial wool
	sq.ft.	sq.ft.	sq.ft.	cu.ft.	cu.ft.	cu.ft.
1 9 4 2						
January	775,627	1,451,825	289,637	133,263	37,197	32,685
February	355,816	1,355,635	366,430	135,640	31,959	14,913
March	384,136	1,503,762	276,328	131,020	29,091	22,310
April	548,034	1,072,926	109,519	124,707	14,507	12,678
May	532,847	1,955,587	241,140	157,113	31,807	8,951
June	791,392	2,202,134	957,256	169,715	35,544	22,273
July	998,713	3,277,206	613,854	207,552	29,517	28,896
August	958,885	3,187,138	983,256	186,387	35,044	11,351
September	782,430	3,259,148	964,066	224,128	56,292	14,165
October	916,499	3,193,824	831,160	232,552	61,196	20,825
November	1,093,011	3,141,077	635,143	249,453	56,994	15,212
December	900,975	3,111,442	657,968	248,997	50,551	20,856
TOTAL	9,038,365	28,712,694	6,925,757	2,200,527	468,979	225,115
1 9 4 3						
January	1,048,662	2,713,031	381,167	211,155	39,792	27,938
February	786,971	3,287,455	423,999	227,561	32,810	18,939
March	953,766	2,824,334	568,255	243,396	57,387	13,450
April	899,610	2,262,166	159,503	220,987	71,257	35,847
May	911,240	1,688,764	128,659	223,685	43,511	15,355
June	956,715	1,810,530	248,357	269,461	63,561	23,030
July	1,154,230	1,914,999	186,078	265,904	74,853	16,963
August	1,119,875	1,684,311	168,105	247,244	59,594	8,324
September	1,323,460	2,115,243	275,389	314,681	96,097	19,449
October	1,518,125	1,948,031	118,080	323,427	100,189	17,523
November	1,462,210	1,753,406	432,003	314,354	63,866	39,832
December	1,512,945	2,066,211	247,583	338,510	56,633	22,097
TOTAL	13,647,809	26,068,481	3,337,178	3,200,365	759,550	248,747

(x) Includes some four-inch batts.

PRODUCERS OF ROCK WOOL, 1943

Name	Address
Canadian Gypsum Company Ltd.	Weston, Ontario
Canadian Johns Manville Co. Ltd.	Asbestos, Quebec
Gypsum, Lime & Alabastine, Canada, Ltd.	Caledonia, Ontario
Insulation Products Ltd.	Todmorden, Toronto, Ontario
Spun Rock Wools Ltd.	Thorold, Ontario
Vacuum Wool Limited	Ladysmith, British Columbia

DIRECTORY OF FIRMS IN THE STONE PRODUCTS INDUSTRY, 1943

Name of Company	Location of Plant
Prince Edward Island -	
Beck, Vere & Son	Main St., Montague
Nova Scotia -	
Arsenault, F. W.	North Grant
Coughlan, James S., Marble and Granite Works	Simpson's Siding, Halifax
Keddy, C. L., Monumental Works	171 Kempt Rd., Halifax
Kelly Monumental Works	Bridgewater
Nixon's Monumental Works	R.R. 3, Middleton
Steele, John D., & Sons	Commercial St., North Sydney
Tingley, Harold W.	13 Merkel St., Halifax
Tingley, J. A., Granite Works	Amherst
New Brunswick -	
Kane, M. T., & So. Ltd.	Westmoreland Rd., Saint John
Miramichi Granite & Marble Works	Chatham
St. Stephen Granite Works	Queen St., St. Stephen
Sherrard Granite Works	135 Victoria St., Moncton
Stults Monument Works	Rothesay Ave., Saint John
Quebec -	
Anderson, James	Beebe
Beaubien, Elzéar & Fils Ltée Reg'd.	Ste. Hélene, Co. Kamouraska
Beaudin Fréres	385 St. Jacques St., St. Johns
Bergstrand, N.	Waterville
Berson, L., & Son	3884 St. Lawrence Blvd., Montreal
Brault, L.	3 Champlain St., Valleyfield
Brodie's, Limited	9th Ave., Iberville
Brunet, J., Limitée	4485 Cote des Neiges, Montreal
Brunet, A.	Ormstown
Canadian Johns-Manville Co. Ltd.	Manville St., Asbestos
Caron, Eugène	Ste. Anne de Beaupré
Chabot, J. Ray	Scott Junction, Co. Beauce
Chausse, Edouard & Fils	524 King West, Sherbrooke
Crete, James	190 Sophie St., Sorel
Dalceggio, F.	4588 Chemin Cote des Neiges, Montreal
Dandelin, Rolland	1395 St. Antoine St., St. Hyacinthe
Ducharme, J. Maurice	257 Notre Dame St., Victoriaville
Fortin, Dollard	St. David de Lévis
Frenette, P. E.	351 St. Jean Baptiste, Rimouski
Gervais, Réné	1035 Blvd. des Forges, Trois Rivières
Gingras, Roch	Ste. Foy
Gignac, Joseph	St. Alban Village
Godin & Delisle	1253 St. Vallier St., Quebec
Gordon Stone Monument Reg'd.	4374 St. Lawrence Blvd., Montreal
Gosselin, Arsène, Enrg.	Beauceville Est
Goyette & Bissillon	Iberville
Houde & Frère Enrg.	404 Notre Dame, Cap de Madeleine
Jacques, André	20 Desjardins St., Lévis
Jeune, E. H.	Sutton
Liben, A. M.	12 Bagg Ave., Montreal
National Granite Works Ltd.	Iberville
Ontario Granite & Supply Co.	934 St. Catherine St. E., Montreal
Parent, G. H.	315-A Montigny St., St. Jérome
Picard, Wilfred	3285 Desautels, Montreal
Rolland, J. H.	1285 rue St. Valier, Quebec
Rousseau, Omer, Enrg.	Saint Fabien
Savard, J. Baptiste	Ste. Anne de la Pérade
Smith Bros. Memorial Art Ltd.	1195 Ducharme St., Montreal

DIRECTORY OF FIRMS IN THE STONE PRODUCTS INDUSTRY, 1943 - (Continued)

Name of Company	Location of Plant
Quebec (Con.) -	
Smith Marble & Cons. Co. Ltd.	207 Van Horne Ave. W., Montreal
Thuot & Denicourt	87 Fourth St., Iberville
Todoro & Bigras	6766 Sherbrooke St., Montreal
Vincent, Chas. A.	5731 St. Denis St., Montreal
Ontario -	
Ambroise, Carl V.	48 Alma St., Guelph
Ambroise, J. D.	Montreal Road, Eastview
Bayview Memorial Co.	Willow Cove
Bloor Monumental Co.	322 Prince Edward Drive, Toronto
Bradfield, W., & Son	335 Main St., Simcoe
Brown, Geo., & Sons	473 Bronson Ave., Ottawa
Campbell, A. C.	21 Bridge St. W., Belleville
Canadian Art Memorials	Joseph St., Port Credit
Canadian Cut Stone Co.	5 Isabella St., Ottawa
Canadian Gypsum Co. Ltd.	Oak St., Weston
Creber Son & Co.	1333 St. Clair Ave. W., Toronto
Central Granite & Marble Works	1283 Dundas St. W., Toronto
Chesley Memorial Works	Chesley
Cunningham, Ben, Monument Works	651 Queens Ave., London
Excelsior Granite & Marble Works	163 Pitt St. E., Windsor
Gladstone & Ross	388 East Block St., Fort William
George, John J.	Port Elgin
Gypsum, Lime and Alabastine, Canada, Ltd.	Caledonia
Hardwick, H. G., & Son	30 Ottawa St. N., Hamilton
Humberstone Cut Stone and Monument Works	590 King St., Humberstone
Insulation Products Ltd.	Todmorden P.O.
Johnston & Cranston	1849 Yonge St., Toronto
Jones & Stevens	277 Rideau St., Ottawa
Kemp & Ronald	Listowel
Kilvington Granite Company	1357 St. Clair Ave. W., Toronto
Kingsway Monument Works	3673 Dundas St., Toronto
Kitchener Monument Works	1015 King St. E., Kitchener
Laing, George	403 .. 1st St. W., Cornwall
Laurin, J. P.	103 George St., Ottawa
London Marble & Granite Co. Ltd.	493 Richmond St., London
McIntosh Granite Company Ltd.	1623 Yonge St., Toronto
McIntyre Monument Co.	60 Danforth Ave., Toronto
McKay Cut Stone Co.	65 Shalmar Ave., Forest Hill
McMillan Granite Co. Ltd.	105 Ontario St., Sarnia
Memorial Company of Toronto	2299 Bloor St. W., Toronto
Memorial Craftsmen Co.	429 Spadina Ave., Toronto
Monumental Art Co.	2168 Dundas St. W., Toronto
Oakville Monument Works	19 Colborne St. W., Oakville
Ontario Marble Co. Ltd.	Maria St., Peterborough
Orillia Monument Co.	252 Coldwater Rd. W., Orillia
Patterson & Cornelius	428 Queenston Rd., St. Catharines
Pollock & Ingham	151 Main St., Galt
Rhodes Memorials Ltd.	Cayuga
Riggs Bros.	650 Queen St., Niagara Falls
Rivercourt Memorials	300 O'Connor Drive, Toronto
Ruch, F. P.	38 Avondale Ave., Stratford
Sanderson, J. R., Marble Co.	33 Peter St. S., Orillia
Sharp Bros. Cut Stone Company Limited	516 Kenilworth St. N., Hamilton
Skelton, C. R.	Yonge St., Walkerton
Smith Memorial Works	1539 Main St. E., Hamilton
Smith Monument Co.	349 Weston Road, Toronto
Spun Rock Wools Limited	65 Ormond St., Thorold
Standard Stone Co. Ltd.	1704 Howard Ave., Windsor
Strathroy Granite & Marble Co. Ltd.	Strathroy

DIRECTORY OF FIRMS IN THE STONE PRODUCTS INDUSTRY, 1943 - (Concluded)

Name of Company	Location of Plant
Ontario (Con.) -	
Sudbury Memorial Works	453 Annley St., Sudbury
Twin City Monument Company	King St. E., Kitchener
Wardell Monument Works	2696 Dundas St. W., Toronto
Wilcox Granite Co.	Plains Road, Hamilton
Manitoba -	
Brooke, J. H., & Sons	266 Main St., Winnipeg
Brunet, Joseph O.	26 Lyndale Drive, Norwood
Cassan Monumental Co.	402 .. 10th St., Brandon
Fort Rouge Monumental Works	465 Gertrude Ave., Winnipeg
Guinn & Simpson Company Limited	52 Tupper St. N., Portage la Prairie
Hooper's Memorial Co.	481 Notre Dame St., Winnipeg
MacIntyre, A. L.	361 Bannatyne Ave., Winnipeg
Memorial Marble & Tile Co. Ltd.	1180 Wall St., Winnipeg
Neepawa Marble & Granite Works	Neepawa
Peirson, C. H.	201 Sixth St., Brandon
Schewchuk, W., & Son	48 Slater St., Winnipeg
Somerville & Co.	1417 Rosser Ave., Brandon
Wheeldon & Sons	1055 Main St., Winnipeg
Saskatchewan -	
Best Monumental Co.	721 Caribou St. W., Moose Jaw
Molaro Marble & Stone Works	23rd St. & Pacific Ave., Saskatoon
Moose Jaw Marble & Granite Works Ltd.	706 Athabasca St. E., Moose Jaw
Regina Monumental Co.	2536 Railway St., Regina
Western Granite, Marble & Stone Co. Ltd.	714 Second Ave. North, Saskatoon
Yorkton Monumental Works	20 Agricultural Ave., Yorkton
Young, Alex., Ltd.	Scarth St. and 4th Ave., Regina
Westside Monumental Works	426 Ave. J. South, Saskatoon
Alberta -	
Alberta Granite, Marble & Stone Co. Ltd.	10702 .. 101st St., Edmonton
Hart, Albert J.	1821 Second St. E., Calgary
Maclean Granite Co.	Red Deer
McDonald Granite Co. Ltd.	2313 Second St. E., Calgary
Somerville Calgary Monumental Co.	121 .. 13th Ave. W., Calgary
British Columbia -	
Art Monument Co. Ltd.	602 Kingsway, Vancouver
Burnaby Monumental Works	2655 Patterson Ave., Burnaby
Continental Marble Company Limited	1002 Georgia St. E., Vancouver
Forster Monumental Works	5528 Fraser St., Vancouver
Kingsway Monumental Works	3070 Kingsway St., Vancouver
Mortiner, J., & Son	George Rd. and Government St., Victoria
Patterson & Chandler	5498 Fraser St., Vancouver
Stewart Monumental Works Ltd.	1401 May St., Victoria
Westaway's Monumental Works	143 Columbia St. E., New Westminster
Vacuum Wool Limited	Ladysmith

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