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Lime, Canada, Quebec

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DOMINION BUREAU OF STATISTICS - CANADA, D.B.S.  
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Mining, Metallurgical and Chemical Branch  
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Montreal, P. Q., Canada  
LIME, 1932  
*Industry in Canada*

Canadian production of lime, including both quick and hydrated, amounted to 520,650 tons valued at \$2,394,537 during 1932 as compared with 344,785 tons worth \$2,764,415 in 1931 and 490,802 tons at \$4,038,698 in 1930, according to finally revised statistics issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. Producers received an average of \$7.14 per ton for quicklime and \$9.14 for hydrated lime as compared with \$7.38 and \$10.71, respectively, in 1931. Prices in 1930 were \$7.68 per ton for quicklime and \$11.30 for hydrated.

The decrease of 7 per cent in volume and 13 per cent in value in the 1932 production from the preceding year resulted largely through a continuation of relatively adverse conditions in general construction and pulp and paper manufacturing.

It is interesting to note that the consumption of lime increased in the gold mining and chemical, fertilizer, tanning and sugar industries. Increases recorded for metallurgical purposes especially reflects recent expansion in the milling of auriferous quartz ores.

Of the total 1932 production the pulp and paper mills consumed 71,292 tons or 22 per cent; the building trades, 47,507 tons or 14.8 per cent; cyanide mills, 19,060 tons or 5.9 per cent; sugar refineries, 14,042 tons or 4.4 per cent; iron and steel mills, 13,916 tons or 4.3 per cent, and the balance was used principally in various chemical processes including the manufacture of calcium carbide, fertilizer, glass and other products. Appreciable quantities of both quick and hydrated lime were utilized direct for agricultural purposes.

In 1932 the Canadian lime producers reported the total capital employed at \$6,823,949, salaried employees and wage earners totalled 677; salaries and wages amounted to \$575,072, and fuel and electricity consumed were recorded at \$535,433.

The United States Bureau of Mines states that a small demand and lower prices were generally reported for all classes of lime in that country with decreases in output ranging from 10 per cent to 75 per cent or more for producing companies. Few firms reported increases and several plants were shut down the entire year.

Principal Statistics of the Lime Industry in Canada, 1931 and 1932.

	1931	1932
Number of plants	60	60
Capital employed	\$ 7,289,990	6,823,949
Number of employees		
On salary	78	70
On wages	721	607
Total	799	677
Salaries and wages		
Salaries	\$ 121,525	106,150
Wages	664,343	468,922
Total	\$ 785,868	575,072
Cost of fuel and electricity	\$ 612,278	535,433
Selling value of products	\$ 2,764,415	2,394,537

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Fuel and Electricity Used in the Lime Industry in Canada, 1931 and 1932.

Kind	Unit of measure	1931		1932	
		Quantity	Value	Quantity	Value
Bituminous coal - Canadian ..	short ton	3,799	24,121	24,351	151,303
Imported ..	short ton	46,545	267,376	34,423	151,863
Anthracite coal .....	short ton	456	2,209	280	2,100
Coke .....	short ton	7,640	50,343	6,659	40,371
Gasoline .....	Imp. gal.	4,496	1,083	2,265	587
Fuel oil and diesel oil .....	Imp. gal.	393,592	14,134	250,322	8,524
Wood .....	cord	44,356	176,225	33,284	121,318
Gas - Manufactured .....	M cu.ft.	128,954	10,832	35,044	2,803
Natural .....	M cu.ft.	10,800	6,800	8,000	4,340
Other fuel .....	xxx	...	4,192	...	11
Electricity purchased .....	K.W.H.	5,940,170	54,963	6,241,789	51,713
<b>TOTAL .....</b>	<b>xxx</b>	<b>...</b>	<b>612,278</b>	<b>...</b>	<b>535,435</b>

Production of Lime in Canada, by Provinces, 1932, Showing Purposes for which Used or Sold.

	Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	CANADA
<u>QUICKLINE</u>						
Building trades -						
Finishing line .....	ton	...	875	1,589	...	2,462
	\$	...	7,540	15,575	...	23,115
Masons' line .....	ton	780	4,144	9,192	2,259	16,375
	\$	11,000	41,949	65,284	22,722	140,955
Sand-lime brick .....	ton	...	915	1,826	52	2,793
	\$	...	5,949	13,901	410	20,260
Agriculture .....	ton	480	21	713	...	1,186
	\$	4,900	210	6,005	...	11,115
<u>CHEMICAL -</u>						
Smelters .....	ton	...	100	259	3,654	1,060
	\$	...	750	1,715	23,236	10,176
Iron and steel mills ...	ton	5,884	160	7,844	...	13,888
	\$	30,191	1,162	52,972	...	84,325
Cyanide mills .....	ton	...	...	18,491	427	125
	\$	...	...	126,045	4,718	2,148
Pulp and paper mills ...	ton	3,036	31,799	534	8,336	9,642
	\$	29,057	164,926	3,672	56,078	89,746
Glass works .....	ton	...	219	5,483	218	...
	\$	...	1,492	40,747	2,347	...
Sugar refineries .....	ton	235	10	8,909	4,868	...
	\$	2,500	85	75,875	39,149	...
Tanneries .....	ton	...	732	1,735	...	...
	\$	...	5,239	12,065	...	...
Other chemical works ...	ton	...	32,967	87,257	173	185
	\$	...	230,872	611,510	1,470	1,776
Dealers - Uses unspecified ....	ton	1,237	4,553	65	...	3,890
	\$	12,370	32,975	653	...	38,152
Other consumers .....	ton	...	1,363	2	...	...
	\$	...	8,178	22	...	...
<b>TOTAL QUICKLINE .....</b>	<b>ton</b>	<b>11,622</b>	<b>76,983</b>	<b>143,185</b>	<b>21,576</b>	<b>14,902</b>
	<b>\$</b>	<b>30,018</b>	<b>433,787</b>	<b>1,018,007</b>	<b>171,705</b>	<b>141,998</b>

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Production of Lime in Canada, by Provinces, 1932, showing Purposes for which Used or Sold. concluded.

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	CANADA
<u>HYDRATED LIME</u>							
Building trades -							
Finishing lime .....	ton	70	220	17,660	3,301	...	21,251
	\$	900	2,026	195,560	56,982	...	255,468
Masons' lime .....	ton	400	201	4,016	...	...	4,617
	\$	4,300	1,778	40,308	...	...	46,386
Sand-lime brick .....	ton	...	...	9	...	...	9
	\$	...	...	113	...	...	113
Agriculture .....	ton	310	461	625	...	528	1,924
	\$	3,670	3,959	6,138	...	3,303	17,070
CHEMICAL -							
Smelters .....	ton	...	...	30	...	500	530
	\$	...	...	315	...	4,295	4,610
Iron and steel mills .....	ton	...	25	3	...	...	28
	\$	...	179	32	...	...	211
Cyanide mills .....	ton	...	2	...	...	15	17
	\$	...	12	...	...	127	139
Pulp and paper mills .....	ton	5,425	11,945	56	...	519	17,945
	\$	43,000	55,226	588	...	4,411	103,225
Glass works .....	ton	...	...	...	...	...	...
	\$	...	...	...	...	...	...
Sugar refineries .....	ton	20	...	...	...	...	20
	\$	250	...	...	...	...	250
Tanneries .....	ton	...	200	42	...	...	242
	\$	...	1,250	441	...	...	1,691
Other chemical works .....	ton	258	1,013	1,077	...	...	2,348
	\$	2,580	6,744	11,728	...	...	21,052
Dealers - uses unspecified .....	ton	...	2,763	...	...	688	3,451
	\$	...	22,940	...	...	5,867	28,807
Other consumers .....	ton	...	...	...	...	...	...
	\$	...	...	...	...	...	...
<b>TOTAL HYDRATED LIME</b> .....	ton	6,483	16,830	23,518	3,301	2,250	52,382
	\$	54,700	94,114	255,223	56,982	18,003	479,022
<b>GRAND TOTAL LIME</b> .....	ton	18,105	93,813	166,703	24,877	17,152	320,650
	\$	144,718	587,901	1,273,230	228,687	160,001	2,394,537

Imports into Canada and Exports of Lime and Various Lime Compounds, 1931 and 1932.

		1931	1932	1931	1932
		Quantity	Value	Quantity	Value
			\$		\$
<u>IMPORTS -</u>					
Lime .....	Cwt.	11,356	10,561	6,442	6,241
Calcium chloride in packages of not less than 25 pounds .....	lb.	8,032,688	78,942	6,344,934	66,028
Calcium chloride, in packages of less than 25 pounds .....	lb.	3,830	522	923	467
Calcium chloride not in solution for road treating purposes .....	lb.	42,684,442	476,443	33,300,778	439,762

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Imports into Canada and Exports of Lime and Various Lime Compounds, 1931 and 1932  
concluded.

		1	9	3	1	1	9	3	2		
		Quantity			Value		Quantity			Value	
					\$					\$	
<u>IMPORTS</u> - concluded											
Chloride of lime and hypochlorite of lime in packages not less than 25 pounds .....	lb.	4,858,356		64,208	4,157,245		67,741				
Chloride of lime and hypochlorite of lime in packages of less than 25 pounds .....	lb.	104,113		12,449	59,228		7,893				
<u>EXPORTS</u> -											
Lime .....	cwt.	288,508		283,459	186,876		188,329				
Acetate of lime .....	cwt.	30		105	20		28				

DIRECTORY

Firms in the Canadian Lime Industry, 1932.

<u>Name of Firm</u>	<u>Head Office Address</u>	<u>Plant Location</u>
<u>NOVA SCOTIA</u> -		
Dominion Steel & Coal Corp. Ltd.	Sydney	Sydney
Eastern Lime Co. Ltd.	Windsor	Windsor
<u>NEW BRUNSWICK</u> -		
Bathurst Power and Paper Co. Ltd.	Bathurst	Bathurst
Purdy & Green, Ltd.	323 Main St., Saint John	Saint John
Randolph & Baker Ltd.	Randolph St., Saint John	Saint John Co.
Snowflake Lime Co. Ltd.	3 Pokiok Rd., Saint John	Saint John
<u>QUEBEC</u> -		
Arnaud & Beaudry	Joliette	Joliette
Boivin, Arthur	Pont Rouge	Pont Rouge
Canada Lime & Stone Ltd.	St. Marc des Carrieres	St. Marc des Carrieres
Desfond, Gaspard	St. Cuthbert	St. Cuthbert
Dominion Lime Co.	Lime Ridge	Lime Ridge
Dontigny, J. M.	Ste. Thecle	Lac Travers
Gagne, Octave	St. Ulric	St. Ulric
Heon & Heon	St. Louis de Champlain	St. Louis de Champlain
Lalumiere, Joseph	St. Dominique de Bagot	St. Dominique
Laurentian Stone Co. Ltd.	250 Catherine St., Ottawa, Ont.	Hull
Limoges, Henri	552 Poupart St., Montreal	Montreal
Montreal Lime Co.	6655 St. Denis St., Montreal	Montreal
National Lime Co.	St. Basile	St. Marc des Carrieres
St. Martin Lime Product Co.	St. Martin	Cap St. Martin
Shawinigan Chemicals Ltd.	107 Craig St. W., Montreal	Shawinigan Falls
Standard Lime Co. Ltd.	St. Paul de Joliette	St. Paul de Joliette and St. Marc des Carrieres
Stinson-Reeb Builders Supply Co. Ltd.	360 Dorchester St. W., Montreal	Montreal

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DIRECTORY

Operators in Canadian Lime Industry, 1932. concluded

<u>Name of Firm</u>	<u>Head Office Address</u>	<u>Plant Location</u>
<u>ONTARIO -</u>		
American Cyanamid Co.	535 Fifth Ave., New York City, U.S.A.	Niagara Falls
Hall, Harry	R. R. 4, Chesley	Grey Co.
Biederman, Albert G.	R. R. 1, Golden Lake	Golden Lake
Brown, Wm.	491-9th Ave. E., Owen Sound	Owen Sound
Brunner, Mond Canada, Ltd.	501 Dominion Bank Bldg., Toronto, Ont.	Amherstburg
Cameron, W. M.	Carleton Place	Carleton Place
Canada & Dominion Sugar Co. Ltd.	Chatham	Wallaceburg and Chatham
Canadian Gypsum Co. Ltd.	Windsor, N.S.	Guelph
Canada Lime Co. Ltd.	45 Jarvis St., Toronto, 2	Coboconk
Chalmers Lime Works	689 - 7th St. W., Owen Sound	Owen Sound
Gallagher Lime & Stone Co. Ltd.	Upper James St., Hamilton	Hamilton
Gow, James	Fergus	Rockwood
Gypsum, Lime & Alabastine, Canada, Ltd.	Paris	Beachville, Elora, Hespeler, Milton
Innerkip Lime & Stone Co. Ltd.	Beachville	Beachville
Jamieson Lime Co.	Renfrew	Renfrew
Morris, Stanley	Delta	Delta
Shane Lime Co.	Eganville	Eganville
Toronto Brick Co. Ltd.	897 Bay St., Toronto	Coboconk
Weppler, Henry	R. R. 2, Priceville	Grey Co.
<u>MANITOBA</u>		
Gillis Quarries Ltd.	Richard and Spruce Sts., Winnipeg	Garson
Gypsum, Lime & Alabastine, Canada, Ltd.	Paris, Ont.	Winnipeg
Winnipeg Supply & Fuel Co. Ltd.	312 Boyd Bldg., Winnipeg	Spearhill and Stonewall
<u>ALBERTA</u>		
Canadian Sugar Factories Ltd.	Raymond	Raymond
Loders Lime Co. Ltd.	Kananaskis	Kananaskis
Summit Lime Works	Box 273, Lethbridge	St. Sec. 7 Tp. 8, R. 5, W 5th.
<u>BRITISH COLUMBIA</u>		
Pacific Lime Co. Ltd.	144 Hastings St. W., Vancouver	Blubber Bay
Pacific Mills Ltd.	Raymur Ave., Vancouver	Ocean Falls
Pioneer Gold Mines of B.C. Ltd.	605 Rogers Bldg., Vancouver	Pioneer Mine
Reno Gold Mines Ltd.	Yorkshire Bldg., Vancouver	Saimo
Rosebank Lime Co.	602 Pacific Bldg., 744 Hastings St., Vancouver	Esquimalt

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