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# THE LIME INDUSTRY

## 1953

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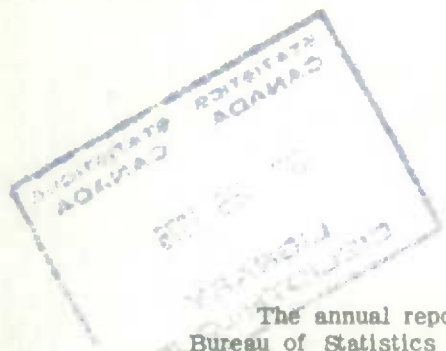
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**NOTICE**

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** - The Primary Industries, including mining, forestry and fisheries; **Volume II** - Manufacturing; **Volume III** - Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume I consists of the following parts:

- Part I - Mineral Statistics
- Part II - Forestry Statistics - Operations in the Woods
- Part III - Fisheries Statistics

**Part I** includes the following reports which constitute the complete series on Mineral Statistics of Canada. Individual reports are issued as the information becomes available; they are arranged in a form suitable for binding.

- A - General Review of the Mining Industry, 50¢
- B - The Gold Mining Industry, 50¢
- C - The Silver-Lead-Zinc Mining Industry, 25¢
- D - The Nickel-Copper Mining, Smelting and Refining Industry, 25¢
- E - The Miscellaneous Metal Mining Industry, 25¢
- F - The Non-ferrous Smelting and Refining Industry, 25¢
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- S - The Sand and Gravel Industry, 25¢
- T - The Stone Industry, 25¢
- U - Contract Drilling in the Mining Industry, 25¢

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# THE LIME INDUSTRY

1953

The Canadian producers of lime shipped or used 1,228,760 tons valued at \$14,484,013 during 1953. The comparative figures for 1952 were 1,175,786 tons valued at \$13,613,221.

Quicklime sold or used totalled 923,133 tons, of which 817,645 tons were used for chemical and industrial uses and 105,488 tons for building and other purposes. Hydrated lime deliveries to industrial and chemical plants amounted to 180,868 tons and shipments to the building and agricultural trades amounted to 124,759 tons.

Limestone burned during the year was estimated at 2,163,427 tons. The varieties of limestone used included calcium, high calcium and dolomitic grades.

The average number of employees during 1953 was 1,057 to whom \$3,278,434 were distributed in salaries and wages. Fuel cost \$3,202,296, and 23,316,106 k.w.h. of electricity were purchased for \$185,044. About 3,273,000 k.w.h. of electricity were generated by the industry for its own use. Process supplies and containers cost \$1,221,547.

Data in this report refer to lime produced from Canadian limestone. In addition, the producers used 1,496 tons of lime valued at \$24,224 which was made in Canada from imported limestone.

**TABLE 1. Principal Statistics for the Lime Industry, 1944-1953**

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at works	Cost at works of process supplies and containers	Gross value of products shipped during year, including containers (f.o.b. works)	Net <sup>1</sup> value of production
	No.	No.	\$	\$	\$	\$	\$
1944 .....	42	815	1,414,426	1,752,723	293,827	7,051,785	5,005,235
1945 .....	44	856	1,473,829	1,644,077	424,412	6,732,348	4,663,859
1946 .....	41	918	1,616,839	1,955,428	456,613	7,322,168	4,910,127
1947 .....	42	1,038	2,052,801	2,513,144	573,635	8,850,023	5,763,244
1948 .....	42	1,121	2,459,299	3,117,667	672,566	11,074,871	7,284,638
1949 .....	42	1,060	2,485,601	2,853,837	718,893	11,796,002	8,223,272
1950 .....	43	1,133	2,760,960	3,263,360	789,328	12,826,921	8,774,233
1951 .....	44	1,096	3,053,802	3,358,701	921,266	14,670,197	10,390,230
1952 .....	42	1,005	3,145,246	3,420,265	1,014,789	14,219,453	9,784,399
1953 .....	42	1,057	3,278,434	3,387,340	1,221,547	15,209,107	10,600,220

1. Gross value of shipments less cost of fuel, electricity, process supplies and containers.

**TABLE 2. Principal Statistics for the Lime Industry, by Provinces, 1952 and 1953**

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at works	Cost at works of process supplies and containers	Gross value of products shipped during year, including containers (f.o.b. works)
	No.	No.	\$	\$	\$	\$
1952						
Quebec .....	13	309	874,348	924,626	250,833	4,234,058
Ontario .....	14	387	1,217,355	1,835,470	518,837	7,210,536
Manitoba .....	5	101	286,602	184,477	64,282	781,350
Alberta .....	5	55	169,027	72,755	16,833	425,999
Newfoundland .....	1					
New Brunswick .....	2	153	597,914	402,937	164,004	1,567,510
British Columbia .....	2					
Canada .....	42	1,005	3,145,246	3,420,265	1,014,789	14,219,453
1953						
Quebec .....	13	304	893,354	929,098	286,783	4,453,607
Ontario .....	13	441	1,395,807	1,893,968	477,778	8,070,167
Manitoba .....	5	108	308,501	200,289	69,096	817,708
Alberta .....	5	64	183,015	68,799	151,253	487,606
Newfoundland .....	1					
New Brunswick .....	2	140	497,757	295,186	236,637	1,380,019
British Columbia .....	3					
Canada .....	42	1,057	3,278,434	3,387,340	1,221,547	15,209,107

TABLE 3. Producers' Shipments<sup>1</sup> of Lime, by Provinces, Showing Purposes For Which Used<sup>2</sup> or Shipped, 1952

	Shipped from plants in							
	Newfound-land	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
	Tons of 2,000 pounds							
<b>QUICKLIME</b>								
Building trades:								
Finishing lime..... tons	—	—	270	—	2,621	8,821	2,367	14,079
\$	—	—	5,400	—	39,315	136,112	63,616	244,443
Mason's lime..... tons	389	2,041	23,692	23,328	1,386	—	2,254	53,090
\$	18,352	42,102	329,898	401,614	32,826	—	60,021	884,813
Agriculture..... tons	38	—	—	—	—	—	99	137
\$	1,200	—	—	—	—	—	2,815	4,015
Industrial:								
Non-ferrous smelters..... tons	—	—	18,495	31,504	—	2,703	—	52,702
\$	—	—	222,186	329,635	—	35,140	—	586,961
Iron and steel furnaces..... tons	—	710	6,814	27,218	2,645	—	3,522	40,909
\$	—	14,646	92,014	282,215	39,808	—	69,646	498,329
Cyanide and flotation mills..... tons	—	—	—	11,349	6,732	—	1,503	19,584
\$	—	—	—	124,916	110,902	—	40,769	276,587
Pulp and paper mills..... tons	9	13,840	102,805	26,667	21,027	—	31,077	195,225
\$	400	255,176	1,079,308	274,054	266,734	—	697,691	2,573,363
Glass works..... tons	—	—	2,611	7,480	—	—	—	10,091
\$	—	—	17,496	93,646	—	—	—	111,142
Sugar refineries..... tons	—	132	—	6,979	—	13,002	105	20,218
\$	—	2,723	—	54,886	—	182,028	2,932	242,569
Tanneries..... tons	—	5	575	1,307	—	—	—	1,887
\$	—	103	7,638	14,200	—	—	—	21,941
Sand-lime brick plants..... tons	—	—	2,405	6,398	39	—	—	8,842
\$	—	—	21,824	68,922	666	—	—	91,412
Insecticide plants..... tons	—	—	—	455	—	—	271	726
\$	—	—	—	4,730	—	—	7,452	12,182
Other industrial works..... tons	—	—	96,067	365,886	—	—	—	461,953
\$	—	—	1,359,412	3,444,050	—	—	—	4,803,462
Other consumers..... tons	—	—	1,165	26,892	978	3,665	—	32,700
\$	—	—	18,916	247,278	23,304	36,650	—	326,148
<b>Total quicklime..... tons</b>	<b>436</b>	<b>16,728</b>	<b>254,699</b>	<b>535,463</b>	<b>35,428</b>	<b>28,191</b>	<b>41,198</b>	<b>912,143</b>
<b>  \$</b>	<b>19,952</b>	<b>314,750</b>	<b>3,154,092</b>	<b>5,340,146</b>	<b>513,555</b>	<b>389,930</b>	<b>944,942</b>	<b>10,677,367</b>
<b>HYDRATED LIME</b>								
Building trades:								
Finishing lime..... tons	—	—	1,353	49,726	5,876	745	851	58,551
\$	—	—	17,813	946,892	161,218	11,508	20,632	1,158,063
Mason's lime..... tons	—	963	14,051	18,663	—	—	—	33,677
\$	—	16,015	161,884	335,613	—	—	—	513,512
Agriculture..... tons	—	166	6,911	1,914	—	—	4,459	13,450
\$	—	2,761	67,651	30,335	—	—	90,414	191,161
Industrial:								
Non-ferrous smelters..... tons	—	—	102,381	1,530	—	100	—	104,011
\$	—	—	399,614	25,224	—	1,300	—	426,138
Iron and steel furnaces..... tons	—	—	1,250	287	—	—	—	1,537
\$	—	—	12,500	4,735	—	—	—	17,235
Cyanide and flotation mills..... tons	—	—	1,855	1,555	—	895	1,074	5,379
\$	—	—	18,550	25,657	—	11,635	24,224	80,066
Pulp and paper mills..... tons	—	1,258	6,520	858	—	—	—	8,636
\$	—	20,923	55,945	14,215	—	—	—	91,083
Sugar refineries..... tons	—	20	6,015	—	5,510	—	—	11,545
\$	—	333	74,623	—	71,648	—	—	146,604
Tanneries..... tons	—	—	513	2,730	—	—	36	3,279
\$	—	—	4,775	45,065	—	—	976	50,816
Sand-lime brick plants..... tons	—	—	—	3,143	—	—	—	3,143
\$	—	—	—	51,520	—	—	—	51,520
Insecticide plants..... tons	—	191	—	—	—	—	115	306
\$	—	3,177	—	—	—	—	3,105	6,282
Other industrial works..... tons	—	483	4,052	6,410	159	75	—	11,179
\$	—	8,033	39,054	101,660	3,588	975	—	153,310
Other consumers..... tons	—	28	8,922	—	—	—	—	8,950
\$	—	465	49,599	—	—	—	—	50,064
<b>Total hydrated lime..... tons</b>	<b>—</b>	<b>3,109</b>	<b>153,823</b>	<b>86,816</b>	<b>11,545</b>	<b>1,815</b>	<b>6,535</b>	<b>263,643</b>
<b>  \$</b>	<b>—</b>	<b>51,707</b>	<b>902,008</b>	<b>1,580,916</b>	<b>236,454</b>	<b>25,418</b>	<b>139,351</b>	<b>2,935,854</b>
<b>Grand total..... tons</b>	<b>436</b>	<b>19,837</b>	<b>408,522</b>	<b>622,279</b>	<b>46,973</b>	<b>30,006</b>	<b>47,733</b>	<b>1,175,786</b>
<b>  \$</b>	<b>19,952</b>	<b>366,457</b>	<b>4,056,100</b>	<b>6,921,062</b>	<b>750,009</b>	<b>415,348</b>	<b>1,084,293</b>	<b>13,613,221</b>

1. Shipments include amounts used in producers' own works.

2. Not necessarily consumed in provinces where produced; includes by-product lime.

Note. Of the total quantity of 1,175,786 tons of lime produced, 521,280 tons were consumed by the producers themselves. Of this latter amount, 377,885 tons of quicklime were consumed in Ontario; 94,585 tons of quicklime and 4,605 tons of hydrated in Quebec and the balance, 38,530 tons of quicklime and 5,675 tons of hydrated, in other provinces.

TABLE 4. Producers' Shipments<sup>1</sup> of Lime, by Provinces, Showing Purposes For Which Used<sup>2</sup> or Shipped, 1953

	Shipped from plants in							
	Newfound-land	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
	Tons of 2,000 pounds							
<b>QUICKLIME</b>								
Building trades:								
Finishing lime..... tons	—	200	—	440	2,310	6,639	2,625	12,214
\$	—	4,193	—	7,115	23,100	86,305	79,052	199,765
Mason's lime..... tons	160	2,289	25,153	25,122	1,631	2,993	2,235	59,583
\$	6,942	47,987	354,716	411,789	38,857	58,407	55,869	974,567
Agriculture..... tons	—	—	47	—	—	—	—	47
\$	—	—	733	—	—	—	—	733
Industrial:								
Non-ferrous smelters..... tons	—	—	19,865	24,188	—	3,208	—	47,261
\$	—	—	248,327	263,876	—	41,705	—	553,908
Iron and steel furnaces..... tons	—	521	8,218	42,771	2,223	—	2,753	56,486
\$	—	10,922	110,648	465,648	34,422	—	43,025	664,665
Cyanide and flotation mills..... tons	—	—	—	9,504	6,663	—	1,510	17,677
\$	—	—	—	93,444	110,576	—	41,825	245,845
Pulp and paper mills..... tons	—	14,631	101,330	26,765	25,855	—	29,126	197,707
\$	—	302,018	1,058,815	287,759	333,253	—	523,373	2,505,218
Glass works..... tons	—	—	4,643	7,218	—	—	—	11,861
\$	—	—	35,942	72,915	—	—	—	108,857
Sugar refineries..... tons	—	140	—	5,450	—	9,971	78	15,639
\$	—	2,935	—	43,223	—	149,565	2,174	197,897
Tanneries..... tons	—	3	2,287	1,098	—	—	—	3,388
\$	—	63	24,666	11,100	—	—	—	35,829
Sand-lime brick plants..... tons	—	—	3,402	7,602	172	—	—	11,176
\$	—	—	33,325	85,083	2,909	—	—	121,317
Insecticide plants..... tons	—	—	—	1,692	—	—	54	1,746
\$	—	—	—	18,226	—	—	1,388	19,614
Other industrial works..... tons	—	—	76,855	377,752	—	97	—	454,704
\$	—	—	1,321,639	4,010,199	—	2,221	—	5,334,059
Other consumers..... tons	—	—	1,434	27,042	757	4,411	—	33,644
\$	—	—	23,350	236,779	18,521	59,990	—	338,640
<b>Total quicklime..... tons</b>	<b>160</b>	<b>17,784</b>	<b>243,234</b>	<b>556,644</b>	<b>39,611</b>	<b>27,319</b>	<b>38,381</b>	<b>923,133</b>
<b>\$</b>	<b>6,942</b>	<b>368,118</b>	<b>3,212,161</b>	<b>6,007,156</b>	<b>561,638</b>	<b>398,193</b>	<b>746,706</b>	<b>11,300,914</b>
<b>HYDRATED LIME</b>								
Building trades:								
Finishing lime..... tons	—	—	1,103	57,124	6,032	468	710	65,437
\$	—	—	16,754	1,024,888	154,943	6,085	20,378	1,223,048
Mason's lime..... tons	—	762	12,765	24,191	—	631	—	38,349
\$	—	13,911	144,661	383,677	—	14,854	—	557,103
Agriculture..... tons	—	—	6,594	2,190	—	—	3,479	12,263
\$	—	—	67,963	28,408	—	—	75,330	171,701
Industrial:								
Non-ferrous smelters..... tons	—	—	128,724	2,809	—	50	—	131,583
\$	—	—	506,161	39,451	—	650	—	546,282
Iron and steel furnaces..... tons	—	—	1,175	256	—	—	—	1,431
\$	—	—	11,750	3,596	—	—	—	15,346
Cyanide and flotation mills..... tons	—	—	2,170	3,074	—	525	1,053	6,822
\$	—	—	19,461	42,978	—	6,825	30,209	99,473
Pulp and paper mills..... tons	—	1,825	10,623	965	—	—	—	13,413
\$	—	33,343	97,953	14,790	—	—	—	146,086
Sugar refineries..... tons	—	12	4,175	—	5,130	—	—	9,317
\$	—	219	54,778	—	66,726	—	—	121,723
Tanneries..... tons	—	—	1,150	2,607	—	—	156	3,913
\$	—	—	11,008	36,609	—	—	4,643	52,260
Sand-lime brick plants..... tons	—	—	—	3,005	—	—	—	3,005
\$	—	—	—	46,489	—	—	—	46,489
Insecticide plants..... tons	—	126	—	—	—	—	26	152
\$	—	2,302	—	—	—	—	732	3,034
Other industrial works..... tons	—	575	3,982	6,197	208	270	—	11,232
\$	—	10,505	40,023	86,210	3,725	4,317	—	144,780
Other consumers..... tons	—	100	8,610	—	—	—	—	8,710
\$	—	1,828	53,966	—	—	—	—	55,794
<b>Total hydrated lime..... tons</b>	<b>—</b>	<b>3,400</b>	<b>181,071</b>	<b>102,418</b>	<b>11,370</b>	<b>1,944</b>	<b>5,424</b>	<b>305,627</b>
<b>\$</b>	<b>—</b>	<b>62,108</b>	<b>1,024,478</b>	<b>1,707,096</b>	<b>225,394</b>	<b>32,731</b>	<b>131,292</b>	<b>3,183,099</b>
<b>Grand total..... tons</b>	<b>160</b>	<b>21,184</b>	<b>424,305</b>	<b>659,062</b>	<b>50,981</b>	<b>29,263</b>	<b>43,805</b>	<b>1,228,760</b>
<b>\$</b>	<b>6,942</b>	<b>430,226</b>	<b>4,236,639</b>	<b>7,714,252</b>	<b>787,032</b>	<b>430,924</b>	<b>877,998</b>	<b>14,484,013</b>

1. Shipments include amounts used in producers' own works.

2. Not necessarily consumed in provinces where produced; includes by-product lime.

Note. Of the total quantity of 1,228,760 tons of lime produced, 499,301 tons were consumed by the producers themselves. Of this latter amount, 383,374 tons of quicklime were consumed in Ontario; 70,717 tons of quicklime and 2,500 tons of hydrated lime in Quebec; and the balance, 37,169 tons of quicklime and 5,341 tons of hydrated lime, in other provinces.

TABLE 5. Producers' Shipments of Lime, 1944-1953

Year	Shipped for sale	Used by producers	Total	
			Quantity	Value
			Short tons	\$
1944	470,035	415,107	885,142	6,926,844
1945	416,030	416,223	832,253	6,525,038
1946	477,565	363,234	840,799	7,074,940
1947	538,267	439,146	977,413	8,542,507
1948	594,109	459,475	1,053,584	10,655,062
1949	590,697	428,126	1,018,823	11,309,820
1950	631,987	492,201	1,124,188	12,281,084
1951	686,869	554,172	1,241,041	14,082,520
1952	654,506	521,280	1,175,786	13,613,221
1953	729,459	499,301	1,228,760	14,484,013

TABLE 6. Producers' Shipments of Lime, by Months, 1952 and 1953

Month	1952		1953	
	Tons			
January	100,340	98,589	August	90,739
February	96,411	88,659	September	103,099
March	98,715	101,372	October	105,959
April	99,047	103,961	November	100,838
May	96,164	108,694	December	97,462
June	93,700	106,332	<b>Total</b>	<b>1,175,786</b>
July	93,312	102,246		<b>1,228,760</b>

TABLE 7. Lime Shipped or Used for Chemical and Other Purposes, 1944-1953

Year	Lime shipped or used for chemical and industrial purposes				Lime shipped or used for building or other non-industrial purposes			
	Quicklime		Hydrated lime		Quicklime		Hydrated lime	
	Short tons	\$	Short tons	\$	Short tons	\$	Short tons	\$
1944	700,708	5,545,695	89,576	413,573	37,494	402,384	57,364	565,192
1945	671,341	5,159,761	60,926	323,484	36,832	420,107	63,154	621,686
1946	629,757	5,138,185	76,898	406,635	54,917	640,058	79,227	890,062
1947	742,492	6,304,026	91,483	512,490	59,394	717,173	84,044	1,008,818
1948	785,082	7,834,998	96,756	549,106	64,961	874,836	106,785	1,396,122
1949	722,222	7,811,411	100,601	626,690	75,965	1,159,629	120,035	1,712,090
1950	791,399	8,419,587	116,510	784,056	93,820	1,329,349	122,459	1,748,092
1951	885,654	10,071,689	135,531	857,492	97,035	1,315,739	122,821	1,837,600
1952	812,137	9,217,948	149,015	1,023,054	100,006	1,459,419	114,628	1,912,800
1953	817,645	9,787,209	180,868	1,175,453	105,488	1,513,705	124,759	2,007,646

TABLE 8. Imports and Exports of Lime, 1952 and 1953

	1952		1953	
	Tons	\$	Tons	\$
<b>IMPORTS</b>				
From: United States	16,609	167,709	21,415	230,636
United Kingdom	83	2,488	84	2,097
<b>Total</b>	<b>16,692</b>	<b>170,197</b>	<b>21,499</b>	<b>232,733</b>
<b>EXPORTS</b>				
To: United States	23,150	372,676	33,290	543,184
Jamaica	4	180	-	-
Netherlands West Indies	23	609	4	181
Greenland	2	39	-	-
<b>Total</b>	<b>23,179</b>	<b>373,504</b>	<b>33,294</b>	<b>543,265</b>

TABLE 9. Fuel and Electricity Used in the Lime Industry, 1953

Kind	Quantity		Cost at plant (omit cents)
			\$
Bituminous coal:			
(a) From Canadian mines .....	34,208	short tons	446,488
(b) Imported .....	153,010	short tons	1,713,918
Sub-bituminous coal (from Alberta mines only) .....	3,940	short tons	32,100
Anthracite coal .....	4,813	short tons	71,915
Lignite coal .....	6,762	short tons	38,256
Coke (for fuel only) .....	29,321	short tons	539,061
Gasoline, (include gasoline used in cars and trucks) .....	166,835	imp. gals.	55,148
Kerosene or coal oil .....	140	imp. gals.	35
Fuel oil (do not include lubricating oil) .....	655,125	imp. gals.	145,765
Wood (cords of 128 cubic feet of piled wood) .....	15,192	cords	124,497
Gas:			
(a) Liquefied petroleum gases (propane, etc.) .....	—	—	—
(b) Other manufactured gas .....	46,602	M cu. ft.	8,285
(c) Natural gas .....	66,775	M cu. ft.	17,319
Other fuel (state kind and quantity) .....	—	—	9,509
Electricity purchased for power and lighting (include service charge in cost) .....	23,316,106	k.w.h.	185,044
Electricity purchased for other purposes (specify) (include service charge in cost) .....	—	—	—
<b>Total (cost only) .....</b>	<b>—</b>	<b>—</b>	<b>3,387,340</b>
Electricity generated:			
(a) For own use .....	3,273,000	k.w.h.	—
(b) For sale .....	—	—	—

TABLE 10. Power Equipment (Including Stand-by or Emergency Equipment)

Description	Ordinarily in use		In reserve or idle	
	Number of units	Total h.p. (according to manufacturer's rating)	Number of units	Total h.p. (according to manufacturer's rating)
1. Steam engines .....	—	—	—	—
2. Steam turbines .....	—	—	—	—
3. Diesel engines .....	5	1,059	—	—
4. Gasoline, gas and oil engines, other than Diesel engines .....	6	285	1	50
5. Hydraulic turbines or water-wheels .....	—	—	—	—
6. Electric motors — (Except those reported under item 10):				
(a) Operated by purchased power .....	862	11,214	83	1,461
7. Total (1), (2), (3), (4), (5) and (6a) .....	873	12,558	84	1,511
(b) Operated by power generated by (1), (2), (3), (4) and (5) .....	44	530	—	—
8. Stationary boilers for power purposes only .....	3	936	—	—
10. Motor-generator sets .....	1	37	2	256

## MINERAL STATISTICS

TABLE 11. Employees and Earnings in the Lime Industry, 1950-1953

Year	Number of employees					Earnings		
	Administration		Workmen		Total	Adminis- tration	Workmen	Total
	Male	Female	Male	Female				
1950 .....	78	12	1,040	3	1,133	\$ 251,322	\$ 2,509,638	\$ 2,760,960
1951 .....	70	11	1,014	1	1,096	280,491	2,773,311	3,053,802
1952 .....	72	11	921	1	1,005	364,520	2,780,726	3,145,246
1953 .....	81	15	960	1	1,057	383,468	2,894,966	3,278,434

Note. Administration employees include executives, managers, superintendents, other working officials, and professional and clerical employees.

TABLE 12. Workmen in the Lime Industry, by Months, 1952 and 1953

Month	1952					1953				
	Quarry		Kiln		Total	Quarry		Kiln		Total
	Male	Female	Male	Female		Male	Female	Male	Female	
	Number									
January .....	230	—	658	1	889	217	—	649	2	868
February .....	228	—	637	1	866	219	—	664	3	886
March .....	238	—	669	1	908	241	—	669	2	912
April .....	258	—	704	1	963	236	—	718	2	956
May .....	265	—	705	1	971	239	—	735	—	974
June .....	262	—	685	1	948	253	—	755	—	1,008
July .....	249	—	699	1	949	245	—	746	—	991
August .....	254	—	690	1	945	236	—	746	—	982
September .....	237	—	662	1	900	242	—	727	1	970
October .....	228	—	694	1	923	240	—	792	2	1,034
November .....	222	—	679	1	902	234	—	772	2	1,008
December .....	205	—	651	1	857	208	—	700	3	911
Average .....	242	—	679	1	922	235	—	725	1	961
	Administrative and office		Workmen			Administrative and office		Workmen		
Total man-hours worked .....	225,359		2,365,165			307,572		2,350,409		

TABLE 13. Kiln Capacities in the Lime Industry, 1949-1953

Year	Total kilns			Kilns in use during the year		
	Number		Total capacity	Number		Total capacity
	Stack	Rotary	Tons per 24 hours	Stack	Rotary	Tons per 24 hours
1949 .....	126	22	4,872	116	15	4,052
1950 .....	129	21	5,228	119	15	4,592
1951 .....	121	23	5,861	114	18	5,262
1952 .....	122	22	5,989	110	17	5,261
1953 .....	124	22	5,731	116	16	4,985



## Directory of Firms in the Lime Industry, 1953

Name of firm	Head office address	Location of plant
<b>Newfoundland:</b>		
Newfoundland Lime Mfg. Co. Ltd. <sup>1</sup>	St. John's	Cobbs Arm
<b>New Brunswick:</b>		
Bathurst Power & Paper Co. Ltd. <sup>1</sup>	Bathurst	Bathurst
Snowflake Lime Limited <sup>1,2</sup>	3 Pokiok Rd., Saint John	Saint John
<b>Quebec:</b>		
Aluminum Company of Canada, Limited <sup>2</sup>	1700 Sun Life Bldg., Montreal	Wakefield
Bousquet, Adrien <sup>3</sup>	St-Dominique de Bagot	St-Dominique
Carrière St. Maurice inc. <sup>1</sup>	135 Blvd. Normand, Trois Rivières	St-Louis de France
Carrière Trois-Rivières Ltée <sup>1</sup>	St-Louis de France	St-Louis de France
Dominion Lime Limited <sup>1</sup>	Lime Ridge	Lime Ridge
Lamothe, N. <sup>3</sup>	Pont Rouge	Pont Rouge
Lepine, M. <sup>1</sup>	Joliette	Joliette
Mercure, Camille <sup>1</sup>	555 St-Denis, St-Hyacinthe	St-Dominique
Raffinerie de Sucre de Québec <sup>3</sup>	St-Hilaire	St-Hilaire
Shawinigan Chemicals Limited <sup>1</sup>	600 Dorchester St. W., Montreal	Shawinigan Falls
Standard Lime Company Limited <sup>1</sup>	St-Paul de Joliette	St-Paul de Joliette St-Marc des Carrières
Trottier, David <sup>3</sup>	St-Marc des Carrières	St-Marc des Carrières
<b>Ontario:</b>		
Algoma Steel Corporation Ltd. <sup>1</sup>	Sault Ste. Marie	Sault Ste. Marie
Brunner-Mond Canada, Limited <sup>1</sup>	Canadian Bank of Commerce Bldg., Toronto	Anderdon Tp.
Canada & Dominion Co. Ltd. <sup>1</sup>	Chatham	Chatham and Wallaceburg
Canadian Gypsum Company, Limited <sup>2</sup>	170 Bloor St. W., Toronto	Guelph Tp.
Carleton Lime Products Co. <sup>1</sup>	Box 26, Carleton Place	Carleton Place
Chemical Lime Limited <sup>1</sup>	Beachville	Beachville
Dominion Magnesium Limited <sup>2</sup>	320 Bay St., Toronto	Haley
Gypsum, Lime and Alabastine, Canada, Limited <sup>1,2</sup>	Paris	Beachville, Hespeler and Milton
North American Cyanamid Limited <sup>1</sup>	Niagara Falls	Niagara Falls
Rockwood Lime Company <sup>2</sup>	Rockwood	Rockwood
Shane Lime & Charcoal Co. Ltd. <sup>1</sup>	Eganville	Gratton Tp.
<b>Manitoba:</b>		
Building Products & Coal Co. Ltd. <sup>2</sup>	111 Christie St., Winnipeg	Inwood
Gypsum, Lime and Alabastine, Canada, Limited <sup>4</sup>	Paris, Ontario	Winnipeg
The Manitoba Sugar Company Limited <sup>1</sup>	Fort Garry	Fort Garry
The Winnipeg Supply & Fuel Company Limited <sup>1,2</sup>	812 Boyd Bldg., Winnipeg	Moosehorn and Stonewall
<b>Alberta:</b>		
Canadian Sugar Factories Limited <sup>1</sup>	Raymond	Raymond, Picture Butte and Taber
Loder's Lime Co. Ltd. <sup>1</sup>	117B-8th Ave. W., Calgary	Kananaskis
Summit Lime Works Limited <sup>1</sup>	Box 273, Lethbridge	Lethbridge
<b>British Columbia:</b>		
Pacific Lime Company Limited <sup>1</sup>	744 W. Hastings St., Vancouver	Texada Island and Granville Island
Pacific Mills Limited <sup>1</sup>	Campbell Ave., Vancouver	Ocean Falls

1. Use calcium or high calcium limestone.
2. Use dolomitic or brucitic limestone.
3. Kind of limestone not reported.
4. Purchases quicklime, makes hydrated lime.

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