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CANADA

THE LIME INDUSTRY

1955



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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¢
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- T - The Stone Industry, 25¢
- U - Contract Drilling in the Mining Industry, 25¢

THE LIME INDUSTRY 1955

Producers' shipments of lime during 1955 amounted to 1,331,113 tons valued at \$15,810,904 compared with 1,214,839 tons worth \$14,742,149 in 1954.

There were 995,639 tons of quicklime sold or used by the producers. Shipments to chemical and industrial plants were 904,600 tons of quicklime and 216,582 tons of hydrated lime. Lime used for building and agricultural trades amounted to 91,039 tons of quicklime and 118,897 tons of hydrated lime.

Limestone burned during the year was estimated at 2,274,211 tons. The varieties of limestone used included calcium, high calcium and dolomite grades.

The industry employed 1,099 persons to whom \$3,776,481 were paid as salaries and wages. Fuel cost \$3,261,770 and 24,093,309 kwh. of electricity were purchased for \$212,940. About 1,751,000 kwh. of electricity were generated by the industry for its own use. Process supplies and containers cost \$1,308,751.

Data in this report refer to lime produced from Canadian limestone. In 1954 and 1955 there was no imported limestone used. In 1953 the producers used 1,496 tons of lime made from imported limestone.

TABLE 1. Principal Statistics for the Lime Industry, Significant Years, 1921-1955

| Year | Establishments | Employees | Earnings | Cost of fuel and electricity at plant | Cost at plant of process supplies and containers | Gross value of production | Net ¹ value of production |
|------|----------------|-----------|-----------|---------------------------------------|--|---------------------------|--------------------------------------|
| | No. | No. | \$ | \$ | \$ | \$ | \$ |
| 1921 | 66 | 931 | 949,966 | 698,992 | N.A. | 2,781,197 | N.A. |
| 1929 | 53 | 1,382 | 1,393,092 | 1,183,313 | " | 5,908,510 | " |
| 1931 | 60 | 799 | 785,868 | 612,278 | " | 2,764,415 | " |
| 1933 | 60 | 696 | 480,833 | 473,125 | " | 2,432,306 | " |
| 1937 | 57 | 872 | 781,274 | 871,131 | 167,827 | 3,824,917 | 2,785,959 |
| 1939 | 59 | 937 | 849,468 | 944,502 | 107,510 | 4,003,514 | 2,951,502 |
| 1941 | 60 | 1,105 | 1,321,571 | 2,008,142 | 188,387 | 6,357,941 | 4,161,412 |
| 1944 | 42 | 815 | 1,414,426 | 1,752,723 | 293,827 | 7,051,785 | 5,005,235 |
| 1946 | 41 | 918 | 1,616,839 | 1,955,428 | 456,613 | 7,322,168 | 4,910,127 |
| 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 |
| 1954 | 40 | 1,012 | 3,349,881 | 3,382,054 | 1,295,963 | 15,488,731 | 10,810,714 |
| 1955 | 39 | 1,099 | 3,776,481 | 3,474,710 | 1,308,751 | 16,576,891 | 11,793,430 |

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

TABLE 2. Principal Statistics for the Lime Industry, by Provinces, 1954 and 1955

| Year | Establishments | Employees | Earnings | Cost of fuel and electricity at plant | Cost at plant of process supplies and containers | Gross value of production |
|------------------|----------------|-----------|-----------|---------------------------------------|--|---------------------------|
| | No. | No. | \$ | \$ | \$ | \$ |
| 1954 | | | | | | |
| Quebec | 12 | 301 | 949,774 | 956,486 | 300,673 | 4,583,723 |
| Ontario | 13 | 379 | 1,309,002 | 1,821,217 | 500,042 | 8,055,494 |
| Manitoba | 5 | 110 | 323,444 | 210,938 | 114,942 | 851,145 |
| Alberta | 5 | 76 | 238,677 | 94,339 | 130,582 | 557,608 |
| Newfoundland | — | — | — | — | — | — |
| New Brunswick | 2 | 146 | 528,984 | 299,074 | 249,724 | 1,440,761 |
| British Columbia | 3 | | | | | |
| Canada | 40 | 1,012 | 3,349,881 | 3,382,054 | 1,295,963 | 15,488,731 |
| 1955 | | | | | | |
| Quebec | 11 | 292 | 972,269 | 854,051 | 322,492 | 4,681,557 |
| Ontario | 13 | 467 | 1,707,302 | 1,982,629 | 494,083 | 8,802,448 |
| Manitoba | 5 | 104 | 297,283 | 231,443 | 122,935 | 902,957 |
| Alberta | 5 | 77 | 254,860 | 112,844 | 132,257 | 625,168 |
| Newfoundland | — | — | — | — | — | — |
| New Brunswick | 2 | 159 | 544,767 | 293,743 | 236,984 | 1,564,761 |
| British Columbia | 3 | | | | | |
| Canada | 39 | 1,099 | 3,776,481 | 3,474,710 | 1,308,751 | 16,576,891 |

TABLE 3. Producers' Shipments¹ of Lime, by Provinces, Showing Purposes for Which Used² or Shipped, 1954

| | Shipped from plants in | | | | | | | |
|---------------------------------------|------------------------|----------------|------------------|------------------|----------------|----------------|------------------|-------------------|
| | Newfound-land | New Brunswick | Quebec | Ontario | Manitoba | Alberta | British Columbia | Canada |
| | Tons of 2,000 pounds | | | | | | | |
| QUICKLIME | | | | | | | | |
| Building trades: | | | | | | | | |
| Finishing lime..... tons | — | 175 | — | 1,431 | 3,441 | 8,621 | 2,268 | 15,936 |
| \$ | — | 3,721 | — | 19,842 | 46,453 | 128,730 | 60,012 | 258,758 |
| Mason's lime..... tons | — | 1,850 | 23,569 | 28,229 | 1,619 | 2,620 | 2,147 | 60,034 |
| \$ | — | 39,339 | 330,582 | 476,183 | 36,210 | 48,415 | 53,740 | 984,469 |
| Agriculture..... tons | — | — | 330 | — | — | — | — | 330 |
| \$ | — | — | 4,634 | — | — | — | — | 4,634 |
| Industrial: | | | | | | | | |
| Non-ferrous smelters..... tons | — | — | 24,683 | 280 | — | 3,500 | — | 28,463 |
| \$ | — | — | 292,717 | 1,321 | — | 45,500 | — | 339,538 |
| Iron and steel furnaces..... tons | — | 596 | 5,687 | 50,713 | 518 | — | 80 | 57,594 |
| \$ | — | 12,673 | 76,532 | 547,368 | 8,357 | — | 2,100 | 647,030 |
| Cyanide and flotation mills..... tons | — | — | — | 9,521 | 7,034 | — | 2,130 | 18,685 |
| \$ | — | — | — | 95,692 | 118,054 | — | 69,649 | 283,395 |
| Pulp and paper mills..... tons | — | 15,675 | 114,354 | 318,288 | 29,587 | — | 38,436 | 223,826 |
| \$ | — | 310,128 | 1,187,906 | 318,288 | 337,777 | — | 617,466 | 2,771,565 |
| Glass works..... tons | — | — | 3,506 | 11,229 | — | — | — | 14,735 |
| \$ | — | — | 26,291 | 116,473 | — | — | — | 142,764 |
| Sugar refineries..... tons | — | 136 | — | 6,118 | 70 | 9,501 | 82 | 15,907 |
| \$ | — | 2,892 | — | 38,982 | 1,101 | 142,515 | 2,836 | 188,326 |
| Tanneries..... tons | — | 3 | 115 | 2,008 | — | — | — | 2,126 |
| \$ | — | 64 | 2,496 | 26,658 | — | — | — | 29,218 |
| Sand-lime brick plants..... tons | — | — | 3,358 | 8,411 | 66 | — | — | 11,835 |
| \$ | — | — | 32,188 | 95,558 | 1,141 | — | — | 128,887 |
| Insecticide plants..... tons | — | — | — | 482 | — | — | — | 482 |
| \$ | — | — | — | 5,239 | — | — | — | 5,239 |
| Other industrial works..... tons | — | — | 80,119 | 355,510 | — | 1,139 | — | 436,768 |
| \$ | — | — | 1,316,979 | 4,025,062 | — | 23,116 | — | 5,365,157 |
| Other consumers..... tons | — | 13 | 1,364 | 407 | 868 | 4,736 | — | 7,388 |
| \$ | — | 277 | 22,950 | 5,031 | 21,464 | 63,412 | — | 113,134 |
| Total quicklime..... tons | — | 18,448 | 257,085 | 503,926 | 39,390 | 30,117 | 45,143 | 894,109 |
| \$ | — | 369,094 | 3,293,275 | 5,771,697 | 570,557 | 451,688 | 805,803 | 11,262,114 |
| HYDRATED LIME | | | | | | | | |
| Building trades: | | | | | | | | |
| Finishing lime..... tons | — | — | 3,249 | 64,582 | 5,751 | 847 | 971 | 75,400 |
| \$ | — | — | 38,366 | 1,269,290 | 153,426 | 12,231 | 23,300 | 1,496,613 |
| Mason's lime..... tons | — | 946 | 14,864 | 20,416 | — | 773 | — | 36,999 |
| \$ | — | 16,226 | 165,654 | 333,790 | — | 15,836 | — | 531,506 |
| Agriculture..... tons | — | — | 5,208 | 1,832 | — | — | 3,553 | 10,593 |
| \$ | — | — | 52,472 | 25,923 | — | — | 74,038 | 152,433 |
| Industrial: | | | | | | | | |
| Non-ferrous smelters..... tons | — | — | 133,001 | 1,640 | — | 50 | — | 134,691 |
| \$ | — | — | 522,929 | 23,010 | — | 650 | — | 546,589 |
| Iron and steel furnaces..... tons | — | — | 525 | 515 | — | — | — | 1,040 |
| \$ | — | — | 5,250 | 7,224 | — | — | — | 12,474 |
| Cyanide and flotation mills..... tons | — | — | 2,135 | 3,856 | — | 365 | 1,379 | 7,735 |
| \$ | — | — | 18,937 | 54,108 | — | 4,745 | 32,105 | 109,895 |
| Pulp and paper mills..... tons | — | 2,125 | 10,863 | 1,091 | — | — | — | 14,079 |
| \$ | — | 36,449 | 109,856 | 15,403 | — | — | — | 161,708 |
| Sugar refineries..... tons | — | 8 | 4,713 | — | 6,806 | — | — | 11,527 |
| \$ | — | 137 | 57,225 | — | 93,417 | — | — | 150,779 |
| Tanneries..... tons | — | — | 1,132 | 2,492 | — | — | — | 3,624 |
| \$ | — | — | 10,625 | 35,014 | — | — | — | 45,639 |
| Sand-lime brick plants..... tons | — | — | — | 3,610 | — | — | — | 3,610 |
| \$ | — | — | — | 50,662 | — | — | — | 50,662 |
| Insecticide plants..... tons | — | — | — | — | — | — | — | — |
| \$ | — | — | — | — | — | — | — | — |
| Other industrial works..... tons | — | 881 | 4,793 | 6,631 | 231 | 40 | — | 12,576 |
| \$ | — | 15,111 | 47,132 | 94,618 | 4,503 | 520 | — | 161,884 |
| Other consumers..... tons | — | 125 | 8,324 | — | — | 407 | — | 8,856 |
| \$ | — | 2,144 | 50,076 | — | — | 7,633 | — | 59,853 |
| Total hydrated lime..... tons | — | 4,085 | 188,807 | 106,665 | 12,788 | 2,482 | 5,903 | 320,730 |
| \$ | — | 70,067 | 1,078,522 | 1,903,042 | 251,346 | 41,615 | 123,443 | 3,480,035 |
| Grand total..... tons | — | 22,533 | 445,892 | 610,591 | 52,178 | 32,599 | 51,046 | 1,214,839 |
| \$ | — | 439,161 | 4,371,797 | 7,680,739 | 821,903 | 493,303 | 935,246 | 14,742,149 |

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 1,214,839 tons of lime produced, 461,413 tons were consumed by the producers themselves. Of this latter amount, 340,758 tons of quicklime were consumed in Ontario; 72,997 tons of quicklime and 2,803 tons of hydrated lime in Quebec; and the balance, 37,818 tons of quicklime and 7,037 tons of hydrated lime, in other provinces.

TABLE 4. Producers' Shipments¹ of Lime, by Provinces, Showing Purposes For Which Used² or Shipped, 1955

| | Shipped from plants in | | | | | | | |
|-----------------------------------|------------------------|---------------|----------------|------------------|------------------|----------------|------------------|-------------------|
| | Newfound-land | New Brunswick | Quebec | Ontario | Manitoba | Alberta | British Columbia | Canada |
| | Tons of 2,000 pounds | | | | | | | |
| QUICKLIME | | | | | | | | |
| Building trades: | | | | | | | | |
| Finishing lime | tons | — | — | 6,593 | 3,334 | 7,835 | 2,088 | 19,850 |
| \$ | | — | — | 76,698 | 45,009 | 110,930 | 55,332 | 287,969 |
| Mason's lime | tons | — | 1,928 | 26,231 | 24,654 | 2,036 | 3,000 | 65,633 |
| \$ | | — | 42,590 | 359,112 | 421,285 | 42,505 | 167,100 | 1,082,332 |
| Agriculture | tons | — | — | 40 | — | — | — | 40 |
| \$ | | — | — | 502 | — | — | — | 502 |
| Industrial: | | | | | | | | |
| Non-ferrous smelters | tons | — | — | 9,984 | 6,692 | — | 3,480 | 20,156 |
| \$ | | — | — | 126,258 | 53,200 | — | 46,672 | 226,130 |
| Iron and steel furnaces | tons | — | 419 | 5,884 | 88,604 | 1,456 | — | 98,507 |
| \$ | | — | 9,256 | 80,556 | 978,799 | 22,948 | 3,780 | 1,128,499 |
| Cyanide and flotation mills | tons | — | — | — | 9,382 | 6,678 | — | 17,608 |
| \$ | | — | — | — | 78,963 | 111,940 | — | 241,523 |
| Pulp and paper mills | tons | — | 12,776 | 115,220 | 29,962 | 29,832 | — | 228,640 |
| \$ | | — | 267,176 | 1,224,791 | 322,565 | 384,888 | — | 2,950,140 |
| Glass works | tons | — | — | 3,323 | 15,745 | — | — | 19,068 |
| \$ | | — | — | 22,379 | 196,731 | — | — | 219,110 |
| Sugar refineries | tons | — | 161 | — | 5,855 | 405 | — | 16,481 |
| \$ | | — | 3,557 | — | 35,123 | 6,325 | — | 195,905 |
| Tanneries | tons | — | 9 | 105 | 1,703 | — | — | 1,817 |
| \$ | | — | 199 | 2,565 | 15,571 | — | — | 18,335 |
| Sand-lime brick plants | tons | — | — | 4,548 | 8,344 | — | — | 13,003 |
| \$ | | — | — | 42,847 | 95,843 | 1,931 | — | 140,621 |
| Insecticide plants | tons | — | — | — | 141 | — | — | 141 |
| \$ | | — | — | — | 966 | — | — | 966 |
| Other industrial works | tons | — | — | 89,348 | 393,899 | — | 5,932 | 489,179 |
| \$ | | — | — | 1,413,547 | 4,153,828 | — | 66,969 | 5,634,344 |
| Other consumers | tons | — | 13 | 1,338 | 648 | 962 | — | 5,516 |
| \$ | | — | 286 | 24,111 | 6,739 | 23,296 | — | 95,165 |
| Total quicklime | tons | — | 15,306 | 256,021 | 592,222 | 44,814 | 52,414 | 995,639 |
| \$ | | — | 323,064 | 3,296,668 | 6,436,311 | 638,842 | 1,027,552 | 12,221,541 |
| HYDRATED LIME | | | | | | | | |
| Building trades: | | | | | | | | |
| Finishing lime | tons | — | — | 417 | 62,736 | 5,724 | 886 | 69,919 |
| \$ | | — | — | 8,975 | 1,295,647 | 151,454 | 156 | 1,472,338 |
| Mason's lime | tons | — | 1,188 | 19,392 | 21,082 | — | 3,744 | 42,462 |
| \$ | | — | 21,025 | 213,927 | 346,368 | — | 800 | 595,712 |
| Agriculture | tons | — | — | 2,048 | 1,676 | — | — | 5,380 |
| \$ | | — | — | 19,717 | 24,828 | — | 34,527 | 79,072 |
| Industrial: | | | | | | | | |
| Non-ferrous smelters | tons | — | — | 147,769 | 3,245 | — | 50 | 151,064 |
| \$ | | — | — | 578,450 | 47,764 | — | 650 | 626,864 |
| Iron and steel furnaces | tons | — | — | 900 | 543 | — | — | 1,443 |
| \$ | | — | — | 9,000 | 8,999 | — | — | 17,999 |
| Cyanide and flotation mills | tons | — | — | 3,265 | 644 | — | 485 | 6,530 |
| \$ | | — | — | 29,114 | 9,673 | — | 6,305 | 94,860 |
| Pulp and paper mills | tons | — | 1,625 | 17,929 | 1,115 | — | — | 20,669 |
| \$ | | — | 28,759 | 137,344 | 18,345 | — | — | 184,448 |
| Sugar refineries | tons | — | 8 | 5,677 | — | 6,774 | — | 12,459 |
| \$ | | — | 142 | 72,328 | — | 92,701 | — | 165,171 |
| Tanneries | tons | — | — | 1,055 | 3,139 | — | — | 4,194 |
| \$ | | — | — | 10,027 | 46,275 | — | — | 56,302 |
| Fertilizer plants | tons | — | — | 2,741 | — | — | 40 | 2,781 |
| \$ | | — | — | 27,861 | — | — | 520 | 28,381 |
| Sand-lime brick plants | tons | — | — | — | 3,030 | — | — | 3,030 |
| \$ | | — | — | — | 49,897 | — | — | 49,897 |
| Insecticide plants | tons | — | — | — | — | — | — | — |
| \$ | | — | — | — | — | — | — | — |
| Other industrial works | tons | — | 634 | 4,309 | 8,813 | 198 | — | 14,412 |
| \$ | | — | 11,219 | 41,343 | 136,275 | 3,904 | — | 200,982 |
| Other consumers | tons | — | 100 | 282 | — | — | 754 | 1,136 |
| \$ | | — | 1,770 | 3,771 | — | — | 11,796 | 17,337 |
| Total hydrated lime | tons | — | 3,553 | 205,784 | 106,023 | 12,696 | 3,948 | 335,479 |
| \$ | | — | 62,915 | 1,151,857 | 1,984,071 | 248,059 | 88,039 | 3,589,363 |
| Grand total | tons | — | 18,861 | 461,805 | 698,245 | 57,510 | 56,362 | 1,331,118 |
| \$ | | — | 385,979 | 4,448,525 | 8,420,382 | 886,901 | 1,115,591 | 15,810,904 |

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 1,331,118 tons of lime produced, 498,244 tons were consumed by the producers themselves. Of this latter amount, 362,915 tons of quicklime were consumed in Ontario; 88,238 tons of quicklime and 3,487 tons of hydrated lime in Quebec; and the balance, 36,632 tons of quicklime and 6,972 tons of hydrated lime, in other provinces.

TABLE 5. Producers' Shipments of Lime, 1946-1955

| Year | Shipped for sale | Used by producers | Total | |
|------|------------------|-------------------|------------|------------|
| | | | Quantity | Value |
| | Short tons | Short tons | Short tons | \$ |
| 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 |
| 1954 | 753,426 | 461,413 | 1,214,839 | 14,742,149 |
| 1955 | 832,874 | 498,244 | 1,331,118 | 15,810,904 |

TABLE 6. Producers' Shipments of Lime, by Months, 1954 and 1955

| Month | 1954 | | 1955 | | Month | 1954 | | 1955 | |
|----------|---------|--|---------|--|-----------|-----------|--|-----------|--|
| | Tons | | | | | Tons | | | |
| January | 90,606 | | 101,748 | | August | 101,169 | | 111,957 | |
| February | 94,611 | | 97,638 | | September | 99,153 | | 113,637 | |
| March | 100,903 | | 110,550 | | October | 106,102 | | 126,215 | |
| April | 96,043 | | 108,294 | | November | 109,652 | | 124,787 | |
| May | 107,402 | | 109,966 | | December | 96,732 | | 106,349 | |
| June | 109,679 | | 112,783 | | Total | 1,214,839 | | 1,331,118 | |
| July | 102,787 | | 107,194 | | | | | | |

TABLE 7. Lime Shipped or Used for Chemical and Other Purposes, 1946-1955

| 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 | \$ |
| 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 |
| 1954 | 810,421 | 9,901,119 | 188,882 | 1,239,630 | 83,688 | 1,360,995 | 131,848 | 2,240,405 |
| 1955 | 904,600 | 10,755,573 | 216,582 | 1,424,904 | 91,039 | 1,465,968 | 118,897 | 2,164,459 |

TABLE 8. Imports and Exports of Lime, 1954 and 1955

| | 1954 | | 1955 | |
|-------------------------|---------------|----------------|---------------|----------------|
| | Tons | \$ | Tons | \$ |
| IMPORTS | | | | |
| From: United States | 26,131 | 282,768 | 24,697 | 278,766 |
| United Kingdom | 395 | 6,184 | 311 | 4,410 |
| Total | 26,526 | 288,952 | 25,008 | 283,176 |
| EXPORTS | | | | |
| To: United States | 30,814 | 550,983 | 29,031 | 537,647 |
| Netherlands West Indies | 4 | 135 | 4 | 125 |
| St-Pierre | — | — | 1 | 24 |
| Total | 30,818 | 551,118 | 29,036 | 537,796 |

TABLE 9. Employees and Their Earnings in the Lime Industry, 1951-1955

| Year | Number of employees | | | | | Number of man-hours worked (all employees) | Earnings | | |
|------------|---------------------|--------|---------|--------|-------|--|---------------------|-----------|-----------|
| | Administration | | Workmen | | Total | | Adminis- tration | Workmen | Total |
| | Male | Female | Male | Female | | | | | |
| | | | | | | \$ | \$ | \$ | |
| 1951 | 70 | 11 | 1,014 | 1 | 1,096 | 2,584,773 | 280,491 | 2,773,311 | 3,053,802 |
| 1952 | 72 | 11 | 921 | 1 | 1,005 | 2,590,524 | 364,520 | 2,780,726 | 3,145,246 |
| 1953 | 81 | 15 | 960 | 1 | 1,057 | 2,657,981 | 383,468 | 2,894,966 | 3,278,434 |
| 1954 | 82 | 17 | 911 | 2 | 1,012 | 2,538,012 | 404,252 | 2,945,629 | 3,349,881 |
| 1955 | 80 | 12 | 1,005 | 2 | 1,099 | 2,790,468 | 381,009 | 3,395,472 | 3,776,481 |

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

TABLE 10. Workmen in the Lime Industry, by Months, 1954 and 1955

| Month | 1954 | | | | | 1955 | | | | |
|-------------------------------------|------------|----------|------------|----------|------------|------------|----------|------------|----------|--------------|
| | Quarry | | Kiln | | Total | Quarry | | Kiln | | Total |
| | Male | Female | Male | Female | | Male | Female | Male | Female | |
| | Number | | | | | | | | | |
| January | 176 | — | 641 | 2 | 819 | 179 | — | 723 | 1 | 903 |
| February | 172 | — | 656 | 2 | 830 | 179 | — | 733 | 1 | 913 |
| March | 191 | — | 664 | 1 | 856 | 188 | — | 757 | 1 | 946 |
| April | 223 | — | 681 | 2 | 906 | 182 | — | 763 | 1 | 946 |
| May | 233 | — | 725 | 2 | 960 | 190 | — | 796 | 1 | 987 |
| June | 227 | — | 711 | 3 | 941 | 201 | — | 810 | 2 | 1,013 |
| July | 229 | — | 702 | 3 | 934 | 201 | — | 821 | 2 | 1,024 |
| August | 217 | — | 697 | 2 | 916 | 197 | — | 829 | 2 | 1,028 |
| September | 214 | — | 707 | 2 | 923 | 190 | — | 853 | 2 | 1,045 |
| October | 212 | — | 747 | 2 | 961 | 192 | — | 901 | 2 | 1,095 |
| November | 223 | — | 748 | 2 | 973 | 195 | — | 901 | 2 | 1,098 |
| December | 190 | — | 695 | 2 | 887 | 183 | — | 864 | 2 | 1,049 |
| Average | 210 | — | 701 | 2 | 913 | 190 | — | 815 | 2 | 1,007 |
| <i>Total man-hours worked</i> | | | | | 2,246,904 | | | | | 2,529,783 |

TABLE 11. Kiln Capacities in the Lime Industry, 1951-1955

| 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 |
| 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 |
| 1954 | 122 | 21 | 5,753 | 113 | 16 | 4,962 |
| 1955 | 122 | 21 | 5,757 | 114 | 16 | 4,981 |



Directory of Firms in the Lime Industry, 1955

| Name of firm | Head office address | Location of plant |
|---|--|--|
| New Brunswick: | | |
| Bathurst Power & Paper Co. Ltd. ³ | Bathurst | Bathurst |
| Snowflake Lime Limited ^{1,2} | 3 Pokiok Rd., Saint John | Saint John |
| Quebec: | | |
| Aluminum Company of Canada, Limited ² | 1700 Sun Life Bldg., Montreal | Wakefield |
| Bousquet, Adrien ³ | St-Dominique de Bagot | St-Dominique |
| Carrière St. Maurice Inc. ¹ | 135 boul. Normand, Trois Rivières | St-Louis de France |
| Dominion Lime Limited ¹ | Lime Ridge | Lime Ridge |
| Lamothe, N. ³ | Pont Rouge | Pont Rouge |
| Lepine, M. ³ | Joliette | Joliette |
| Raffinerie de Sucre de Québec ¹ | St-Hilaire | St-Hilaire |
| Shawinigan Chemicals Limited ¹ | 600 Dorchester St. W., Montreal | Shawinigan Falls |
| Standard Lime Company Limited ¹ | St-Paul de Joliette | St-Paul de Joliette St-Marc des Carrières |
| Trotter, David ³ | St-Marc des Carrières | St-Marc des Carrières |
| Ontario: | | |
| Brunner Mond Canada, Limited ¹ | Canadian Bank of Commerce Bldg., Toronto | Anderdon Twp. |
| Canada & Dominion Co. Ltd. ¹ | Chatham | Chatham and Wallaceburg |
| Canadian Gypsum Company, Limited ² | 170 Bloor St. W., Toronto | Guelph Twp. |
| Carleton Lime Products Co. ¹ | Box 26, Carleton Place | Carleton Place |
| Chemical Lime Limited ¹ | Beachville | Beachville |
| Dominion Magnesium Limited ² | 320 Bay St., Toronto | Hailey |
| Gypsum, Lime and Alabastine, Canada, Limited ^{1,2} | Box 98, Station F, Toronto 5 | Beachville, Hespeler and Milton |
| North American Cyanamid Limited ¹ | Niagara Falls | Niagara Falls |
| Rockwood Lime Company Ltd. ² | Rockwood | Rockwood |
| Shane Lime & Charcoal Co. Ltd. ¹ | Fganville | Gratton Twp. |
| Manitoba: | | |
| Building Products & Coal Co. Ltd. ² | 111 Christie St., Winnipeg | Inwood |
| Gypsum, Lime and Alabastine, Canada, Limited ⁴ | Box 98, Station F, Toronto 5, Ontario | Winnipeg |
| The Manitoba Sugar Company Limited ³ | Fort Garry | Fort Garry |
| The Winnipeg Supply & Fuel Company Limited ^{1,2} | 812 Boyd Bldg., Winnipeg | Moosehorn and Stonewall |
| Alberta: | | |
| Canadian Sugar Factories Limited ³ | Raymond | Raymond, Picture Butte and Taber |
| Loder's Lime Co. Ltd. ¹ | 940-8th Ave. W., Calgary | Kananaskis |
| Summit Lime Works Limited ¹ | Box 273, Lethbridge | Lethbridge |
| British Columbia: | | |
| Crown Zellerbach Canada Limited ¹ | Box 879, Vancouver | Ocean Falls |
| Pacific Lime Company Limited ¹ | 1105 W. Pender St., Vancouver | Texada Island and Granville Island |

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.