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King, Edward

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DOMINION BUREAU OF STATISTICS - OTTAWA
Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
Mining, Metallurgical and Chemical Branch
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Canada's LIME Industry in 1930
LIME, 1930.

Lime production in Canada during 1930 amounted to 490,802 tons valued at \$4,038,693. These figures represent decreases of 27.2 per cent in quantity and 31.6 per cent in value from the 1929 production of 674,087 tons worth \$5,908,610, according to finally revised statistics issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. Canadian producers received an average of \$11.30 per ton for hydrated lime and \$7.68 per ton for quicklime.

Lime used in chemical or metallurgical processes employed in the pulp and paper, mining, steel and other industries, amounted to 351,443 tons or 71.6 per cent of the total lime production. Of this tonnage the pulp and paper industry consumed 91,624 tons valued at \$694,984.

More than half the quantity of lime produced in Canada during 1930 came from the province of Ontario and over 26 per cent was produced in Quebec. In the order named the following provinces produced the remainder: British Columbia, Nova Scotia, Manitoba, New Brunswick and Alberta.

(1) Lime, by reason of its activity as a chemical base, and on account of its functioning as a precipitant and as a solvent, as an oxidizer and a reducer, as a hydrator and a hydralizer, is used in the production of a great number of chemicals and in a great number of manufacturing processes.

Imports of lime into Canada during 1930 were recorded at 2,096 tons valued at \$28,107 as compared with 4,446 tons worth \$49,395 during 1929. Exports of Canadian lime amounted to 22,364 tons valued at \$44,728.

Capital employed in the 50 plants operating in the lime industry in 1930 was reported at \$8,816,379. Employment was furnished 91 salaried employees and 995 wage-earners; their total earnings were \$1,087,778. Fuel and electricity used in 1930 cost \$386,354 of which amount \$501,997 was expended for coal, \$201,820 for wood, \$72,594 for coke, \$60,265 for purchased electricity, and minor amounts for gasoline, kerosene, fuel oil and gas.

(1) M. F. Goudge, Mines Branch report #719.

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PRINCIPAL STATISTICS OF THE LIME INDUSTRY IN CANADA, 1929 and 1930.

	1929	1930
Number of plants.....	53	50
Capital employed.....\$	7,404,677	8,816,879
Number of employees:-		
On salary.....	109	91
On wages.....	1,273	995
Total.....	1,382	1,086
Salaries and wages:-		
Salaries.....\$	158,604	148,525
Wages.....\$	1,234,489	939,253
Total.....\$	1,393,092	1,087,778
Cost of fuel and electricity.....\$	1,183,313	886,354
Selling value of products.....\$	5,908,610	4,038,698

PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1930, SHOWING PURPOSES FOR WHICH USED OR SOLD.

	Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	CANADA
<u>QUICKLIME</u>						
Building trades -						
Finishing lime.....tons	4,300	5,446	3,573	...	13,319	
\$	68,291	44,625	32,157	...	145,073	
Masons lime.....tons 1,300	4,675	17,825	1,973	...	25,773	
\$ 13,000	48,677	150,971	20,773	...	235,421	
Sand-lime brick.....tons	804	10,074	665	...	11,543	
\$	6,769	76,896	6,223	...	89,888	
Agriculture.....tons 250	...	...	...	...	250
\$ 2,750	...	...	...	...	2,750
<u>CHEMICAL -</u>						
Smelters.....tons	50	2,116	...	11	2,177	
\$	438	12,897	...	132	13,467	
Iron and steel mills....tons 28,667	153	4,395	...	...	33,215
\$ 99,431	1,175	35,160	...	...	135,766
Cyanide mills.....tons . . . . .	...	13,004	...	213	13,217
\$ . . . . .	...	103,956	...	3,999	107,955
Pulp and paper mills....tons 7,405	47,265	456	12,782	14,494	82,402	
\$ 59,828	308,515	3,648	90,139	149,675	611,805	
Glass works.....tons	1,039	2,956	38	...	4,033	
\$	7,789	24,710	412	...	32,911	
Sugar refineries.....tons 180	25	9,621	...	...	9,826
\$ 2,000	263	73,371	...	...	75,634
Tanneries.....tons	157	1,795	...	...	1,952
\$	2,412	14,345	...	...	16,757
Other chemical works....tons	46,848	141,605	62	...	188,515	
\$	328,018	1,132,233	620	...	1,460,871	
Dealers - uses unspeci-						
fied.....tons 2,607	12,042	...	3,617	775	19,041	
\$ 31,880	101,730	...	42,961	13,261	189,832	
Other consumers.....tons . . . . .	...	...	47	...	11,611
\$ . . . . .	...	...	597	...	84,412
TOTAL QUICKLIME.....tons	40,409	117,358	209,340	22,710	27,104	416,921
\$	210,889	874,077	1,673,409	193,285	251,479	3,203,139

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PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1930 SHOWING PURPOSES
FOR WHICH USED OR SOLD. (concluded)

	Nova Scotia and New Brunswick	Quebec	Ontario	Mani- toba and Alberta	British Columbia	CANADA
<u>HYDRATED LIME</u>						
Building trades -						
Finishing lime.....tons	30	1,090	30,554	6,524	...	38,198
\$	500	7,759	281,877	116,565	...	506,501
Masonry lime.....tons	745	239	10,201	...	50	11,235
\$	9,950	2,601	101,753	...	423	114,730
Sand-lime brick.....tons	...	...	...	...	...	...
\$
Agriculture.....tons	425	100	20	...	704	1,249
\$	5,100	350	210	...	4,531	10,921
<u>CHEMICAL -</u>						
Smelters.....tons	...	...	5	...	3,671	3,676
\$	...	...	52	...	27,533	27,588
Iron and steel mills....tons	...	...	245	...	...	245
\$	...	...	2,573	...	...	2,573
Cyanide mills.....tons	...	...	...	...	...	...
\$
Pulp and paper mills....tons	1,500	5,162	50	...	2,490	9,222
\$	16,500	40,009	525	...	26,145	83,179
Glass works.....tons	...	...	...	...	...	...
\$
Sugar refineries.....tons	16	...	...	...	...	16
\$	200	...	...	...	...	200
Tanneries.....tons	5	128	...	...	...	131
\$	45	1,004	...	...	...	1,049
Other chemical works....tons	109	1,170	165	...	1,054	2,816
\$	4,090	9,337	1,921	...	11,009	26,357
Dealers - uses unspeci- fied.....tons	100	4,024	1,207	...	88	5,419
\$	1,300	32,232	12,674	...	642	47,055
Other consumers.....tons	...	9	261	...	1,356	1,626
\$...	81	2,610	...	12,895	15,586
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TOTAL HYDRATED LIME...tons	3,226	11,992	42,726	6,524	9,413	73,881
\$	37,665	93,573	504,178	116,565	83,578	835,559
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GRAND TOTAL - LIME.....tons	43,335	122,380	252,066	29,234	36,517	490,802
\$	243,554	967,650	2,177,587	309,650	335,057	4,033,696

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