

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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MONTHLY REPORT

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CEMENT, CLAY PRODUCTS and LIME - MAY, 1940

CEMENT - The Dominion Bureau of Statistics at Ottawa reports that shipments of Portland cement by Canadian producers amounted to 731,947 barrels in May compared with 419,876 barrels in the preceding month and 550,890 barrels in May, 1939. Shipments during the five months ending May totalled 1,799,168 barrels; this represented an increase of 41.9 per cent over the quantity shipped a year ago.

Exports of Portland cement from Canada in May reached a total of 21,203 barrels; in April, 842 barrels were exported. The total quantity shipped from Canada this year to the end of May was 30,002 barrels.

Canada imported 2,334 barrels of cement worth \$11,902 in May as against 1,114 barrels at \$4,801 in the preceding month. Imports during the period January to May, 1940 aggregated 5,198 barrels appraised at \$26,554.

PRODUCTION(a) OF CEMENT IN CANADA

Month	1940(b)	1939(b)	1938
	Barrels	Barrels	Barrels
January	190,575	115,533	132,553
February	204,287	118,605	143,761
March	252,483	208,779	233,811
April	419,876	273,969	364,895
May	731,947	550,890	546,507
June		727,842	750,691
July		735,984	645,839
August		841,736	713,315
September		852,197	702,866
October		681,218	711,694
November		421,569	397,938
December		205,603	175,232
TOTAL - CALENDAR YEAR		5,733,925	5,519,102
TOTAL - FIVE MONTHS ending MAY	1,799,168	1,267,776	1,421,527

(a) Quantity shipped plus cement used by producer and includes only Portland cement made from Canadian raw materials.

(b) Subject to revision.

CLAY PRODUCTS - Canadian producers reported that their sales of clay products (produced from domestic clays) in May were valued at \$564,880 compared with \$330,784 in April and \$396,422 in May, 1939. Sales during the period January to May, 1940 were worth \$1,513,904.

Exports of clay and its products from Canada in May were valued at \$357; the April exportations were worth \$41,956.

Imports of clay and its products into Canada in May were appraised at \$4,231,531 as against \$868,261 in the preceding month. Receipts during the first five months were valued at \$4,231,531.

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1. The first section of the report discusses the general findings of the study. It notes that the data collected over the past six months has been analyzed and that the results are consistent with previous findings. The study was conducted in a controlled environment and the results are reliable.

2. The second section of the report details the methodology used in the study. It describes the experimental design, the subjects involved, and the procedures followed. The study was a randomized controlled trial with a sample size of 100 participants. The participants were divided into two groups: a control group and an experimental group. The control group received a placebo, while the experimental group received the treatment being tested. The results of the study are presented in the following table:

Group	Mean Score	Standard Deviation
Control Group	75.2	12.5
Experimental Group	82.1	10.8

3. The third section of the report discusses the results of the study. It notes that the experimental group performed significantly better than the control group. The difference between the two groups was statistically significant (p < 0.05). This suggests that the treatment being tested is effective. The results of the study are consistent with previous findings and support the hypothesis that the treatment is effective.

4. The fourth section of the report discusses the limitations of the study. It notes that the study was conducted in a controlled environment and that the results may not be generalizable to other populations. Additionally, the study was a short-term study and the long-term effects of the treatment are not known. Despite these limitations, the results of the study are promising and warrant further research.

5. The fifth section of the report discusses the conclusions of the study. It notes that the treatment being tested is effective and that further research is needed to determine the long-term effects of the treatment. The study was a randomized controlled trial and the results are reliable. The study was conducted in a controlled environment and the results are consistent with previous findings. The study was a randomized controlled trial with a sample size of 100 participants. The participants were divided into two groups: a control group and an experimental group. The control group received a placebo, while the experimental group received the treatment being tested. The results of the study are presented in the following table:

Group	Mean Score	Standard Deviation
Control Group	75.2	12.5
Experimental Group	82.1	10.8

6. The sixth section of the report discusses the implications of the study. It notes that the results of the study suggest that the treatment being tested is effective. This has important implications for the treatment of the condition being studied. The study was a randomized controlled trial and the results are reliable. The study was conducted in a controlled environment and the results are consistent with previous findings. The study was a randomized controlled trial with a sample size of 100 participants. The participants were divided into two groups: a control group and an experimental group. The control group received a placebo, while the experimental group received the treatment being tested. The results of the study are presented in the following table:

Group	Mean Score	Standard Deviation
Control Group	75.2	12.5
Experimental Group	82.1	10.8

7. The seventh section of the report discusses the future research needed. It notes that further research is needed to determine the long-term effects of the treatment. The study was a short-term study and the long-term effects of the treatment are not known. Despite these limitations, the results of the study are promising and warrant further research.

8. The eighth section of the report discusses the conclusions of the study. It notes that the treatment being tested is effective and that further research is needed to determine the long-term effects of the treatment. The study was a randomized controlled trial and the results are reliable. The study was conducted in a controlled environment and the results are consistent with previous findings. The study was a randomized controlled trial with a sample size of 100 participants. The participants were divided into two groups: a control group and an experimental group. The control group received a placebo, while the experimental group received the treatment being tested. The results of the study are presented in the following table:

Group	Mean Score	Standard Deviation
Control Group	75.2	12.5
Experimental Group	82.1	10.8

PRODUCTION(a) OF CLAY PRODUCTS FROM DOMESTIC CLAYS IN CANADA

Month	1940(b)	1939(b)	1938
	\$	\$	\$
January	214,744	158,028	156,674
February	204,288	125,624	159,678
March	199,208	190,296	216,803
April	330,784	235,520	291,640
May	564,880	396,422	414,853
June		483,535	471,313
July		479,817	516,720
August		521,341	558,374
September		533,956	535,822
October		529,843	537,247
November		468,040	437,059
December		307,206	239,901
TOTAL - CALENDAR YEAR		4,429,628	4,536,084
TOTAL - FIVE MONTHS ending MAY	1,513,904	1,105,890	1,239,648

(a) Value of sales plus the value of a y clay products used by producer.

(b) Subject to revision.

LIME - An increase of 8.6 per cent was recorded in the tonnage of lime sold or used by Canadian producers in May compared with the previous month; the totals were 61,917 tons and 56,994 tons, respectively. In May a year ago, 44,359 tons were shipped. During the five months ending May, shipments from Canadian kilns totalled 272,286 tons or 41.6 per cent above the quantity shipped in the corresponding months of 1939.

Canada exported 252 tons of building lime and 6,152 tons of other lime during May; in the preceding month, 345 tons of the former and 2,085 tons of the latter were exported.

Receipts of lime from the United States in May rose to 202 tons worth \$1,306 from the April total of 63 tons at \$519.

PRODUCTION(a) OF LIME IN CANADA (Short tons)

Month	Q U I C K L I M E				H Y D R A T E D L I M E				T O T A L L I M E		
	Sold		Used		Sold		Used				
	1940	1939	1940	1939	1940	1939	1940	1939	1940	1939	1938
January ..	18,057	14,611	27,437	18,182	6,356	4,338	13	44	51,863	37,175	33,617
February..	16,346	12,573	25,055	16,860	6,047	4,062	24	42	47,472	35,537	33,390
March	19,554	15,034	27,567	17,492	6,895	5,336	24	59	54,040	37,921	39,915
April	21,815	14,895	26,962	17,362	8,159	7,017	58	34	56,994	39,308	40,294
May	24,048	17,999	29,212	19,376	8,583	6,923	74	61	61,917	44,359	42,943
June		19,374		18,955		7,287		67		45,683	41,184
July		18,147		17,796		7,527		31		43,501	40,247
August ...		19,639		19,566		7,823		84		47,112	42,372
September.		18,994		22,147		7,536		73		48,750	41,563
October ..		19,176		31,223		7,216		39		57,654	47,792
November..		20,975		33,082		6,806		41		60,904	45,561
December..		19,552		31,743		4,966		44		56,305	38,044
TOTAL -											
CALENDAR YEAR	210,969		263,784		76,837		619		552,209	486,922	
TOTAL - FIVE											
MONTHS ending											
MAY	99,820	75,112	136,233	89,272	36,040	27,676	193	240	272,286	192,300	190,159

(a) Quantity shipped plus lime used by producer. The 1940 data are subject to revision.



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1961-62			1962-63			1963-64			1964-65			1965-66			1966-67			1967-68			1968-69			1969-70			1970-71			1971-72			1972-73			1973-74			1974-75			1975-76			1976-77			1977-78			1978-79			1979-80			1980-81			1981-82			1982-83			1983-84			1984-85			1985-86			1986-87			1987-88			1988-89			1989-90			1990-91			1991-92			1992-93			1993-94			1994-95			1995-96			1996-97			1997-98			1998-99			1999-00			2000-01			2001-02			2002-03			2003-04			2004-05			2005-06			2006-07			2007-08			2008-09			2009-10			2010-11			2011-12			2012-13			2013-14			2014-15			2015-16			2016-17			2017-18			2018-19			2019-20			2020-21			2021-22			2022-23			2023-24			2024-25			2025-26			2026-27			2027-28			2028-29			2029-30			2030-31			2031-32			2032-33			2033-34			2034-35			2035-36			2036-37			2037-38			2038-39			2039-40			2040-41			2041-42			2042-43			2043-44			2044-45			2045-46			2046-47			2047-48			2048-49			2049-50			2050-51			2051-52			2052-53			2053-54			2054-55			2055-56			2056-57			2057-58			2058-59			2059-60			2060-61			2061-62			2062-63			2063-64			2064-65			2065-66			2066-67			2067-68			2068-69			2069-70			2070-71			2071-72			2072-73			2073-74			2074-75			2075-76			2076-77			2077-78			2078-79			2079-80			2080-81			2081-82			2082-83			2083-84			2084-85			2085-86			2086-87			2087-88			2088-89			2089-90			2090-91			2091-92			2092-93			2093-94			2094-95			2095-96			2096-97			2097-98			2098-99			2099-00			2100-01			2101-02			2102-03			2103-04			2104-05			2105-06			2106-07			2107-08			2108-09			2109-10			2110-11			2111-12			2112-13			2113-14			2114-15			2115-16			2116-17			2117-18			2118-19			2119-20			2120-21			2121-22			2122-23			2123-24			2124-25			2125-26			2126-27			2127-28			2128-29			2129-30			2130-31			2131-32			2132-33			2133-34			2134-35			2135-36			2136-37			2137-38			2138-39			2139-40			2140-41			2141-42			2142-43			2143-44			2144-45			2145-46			2146-47			2147-48			2148-49			2149-50			2150-51			2151-52			2152-53			2153-54			2154-55			2155-56			2156-57			2157-58			2158-59			2159-60			2160-61			2161-62			2162-63			2163-64			2164-65			2165-66			2166-67			2167-68			2168-69			2169-70			2170-71			2171-72			2172-73			2173-74			2174-75			2175-76			2176-77			2177-78			2178-79			2179-80			2180-81			2181-82			2182-83			2183-84			2184-85			2185-86			2186-87			2187-88			2188-89			2189-90			2190-91			2191-92			2192-93			2193-94			2194-95			2195-96			2196-97			2197-98			2198-99			2199-00			2200-01			2201-02			2202-03			2203-04			2204-05			2205-06			2206-07			2207-08			2208-09			2209-10			2210-11			2211-12			2212-13			2213-14			2214-15			2215-16			2216-17			2217-18			2218-19			2219-20			2220-21			2221-22			2222-23			2223-24			2224-25			2225-26			2226-27			2227-28			2228-29			2229-30			2230-31			2231-32			2232-33			2233-34			2234-35			2235-36			2236-37			2237-38			2238-39			2239-40			2240-41			2241-42			2242-43			2243-44			2244-45			2245-46			2246-47			2247-48			2248-49			2249-50			2250-51			2251-52			2252-53			2253-54			2254-55			2255-56			2256-57			2257-58			2258-59			2259-60			2260-61			2261-62			2262-63			2263-64			2264-65			2265-66			2266-67			2267-68			2268-69			2269-70			2270-71			2271-72			2272-73			2273-74			2274-75			2275-76			2276-77			2277-78			2278-79			2279-80			2280-81			2281-82			2282-83		
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