

32-223

C1

STATISTICS STATISTIQUE
CANADA CANADA

May 16 2010

LIBRARY
BIBLIOTHÈQUE

CANADA

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

ADVANCE REPORT

on the

LINSEED OIL INDUSTRY IN CANADA

1919 & 1920

-----+ + +-----

Published by Authority of the Hon. J. A. Robb, M. P.,

Minister of Trade and Commerce.

+ + +

OTTAWA

1922

БҮРЛӨГЕДАУР - БҮРЛӨГЕДАС
АСЫНАС - АЛАЙРАС

0005 3-7 104

ТРЕДИЦИЯ
АСКОЗНІСОЛДАМ

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA.

Dominion Statistician: R. H. Coats, B.A., F.S.S.
 Chief, Census of Industry: J. C. Macpherson.

THE LINSEED OIL INDUSTRY IN CANADA

1919 and 1920.

Ottawa, June, 1922. - The Dominion Bureau of Statistics presents a report on the Linseed Oil industry in Canada during the calendar years 1919 and 1920. Reports were received covering the operations of eight mills in 1919 and for the same number in 1920. By provinces, the mills were located as follows:- Quebec, 3; Ontario and Manitoba, 2 each, and Alberta, 1.

PRINCIPAL STATISTICS

The table below shows for 1919 and 1920 the principal statistics of this industry. The details of the more important data are given in separate tables.

Items	Unit	1919	1920
Establishments	No.	8	8
Capital investment	\$	2,356,062	2,911,634
Salaried Employees -			
Male	No.	38	35
Female	No.	6	7
Salaries	\$	84,870	81,744
Wage-earners -			
Male	No.	171	179
Female	No.	1	2
Wages	\$	197,119	224,324
Cost of fuel	\$	32,243	34,137
Power - Units	No.	749	60
Capacity	H.P.	2,177	2,080
Used	H.P.	1,553	1,628
Miscellaneous Expenses ...	\$	437,897	472,335
Cost of Materials	\$	6,921,801	7,180,011
Value of Products	\$	8,080,107	9,230,084

THE LINSEED OIL INDUSTRY IN CANADA, 1919 and 1920.PRODUCTION

The quantities and values of products manufactured in this industry during the years 1919 and 1920 are shown in the following summary. The value of products shows an increase of \$1,149,977 in 1920. Raw linseed oil increased to \$2,627,265 gallons in 1920 from 2,536,332 gallons in 1919. Boiled linseed oil was reported at 769,899 gallons in 1919, as against 798,975 gallons in 1920.

Items	Unit of measure	1919		1920	
		Quantity	Value	Quantity	Value
Linseed oil, raw..Imp.gal.	2,536,332	4,499,361	\$	2,627,265	5,502,846
Linseed oil, boiled "	769,899	1,361,443		798,975	1,577,335
Special oils gal.	237,721	431,093		-	-
Oil cake and meal ton	23,072	1,455,509		-	-
All other products -	-	2,332,701		-	2,149,903
TOTAL VALUE		8,080,107			9,230,084

CAPITAL INVESTMENT

The statement below shows by items for the calendar years 1919 and 1920 the amount of capital invested in this industry. The increase of \$553,572 in capital investment is attributable to increased holdings of stocks as per inventory and their values.

Year	Land, build- ings and fixtures	Machinery and tools	Materials on hand stocks in process, etc.	Cash, trad- ing and operating accts. etc.	Total Capital
1919	\$ 772,634	467,850	494,047	623,531	2,358,062
1920	774,668	495,023	1,205,299	436,644	2,911,634

EMPLOYEES, SALARIES AND WAGES.

The increased production in 1920 is reflected in the higher total payroll, which increased from \$281,989 in 1919 to \$306,068 in 1920. Statistics of employment are shown in the accompanying table, first by groups with salary and wage payments and then by months for the calendar years 1919 and 1920.

Classes	1919			1920		
	Employees		Salaries & wages	Employees		Salaries & wages
	Male	Female	\$	Male	Female	\$
Officers, superinten- dents and managers	20	-	52,413	20	-	52,267
Clerks, stenographers and other salaried employees	18	6	32,457	15	7	29,477
Wage-earners, average number	171	1	197,119	179	2	224,324
TOTALS	209	7	281,989	214	9	306,068

THE LINEDED OIL INDUSTRY IN CANADA, 1919 and 1920.EMPLOYEES, SALARIES AND WAGES, continued.

Statistics by months for the calendar years
1919 and 1920.

Month	1919		1920	
	Number of Employees		Number of employees	
	Male	Female	Male	Female
January	178	1	195	1
February	190	1	182	6
March	191	1	181	6
April	168	1	196	6
May	155	1	156	1
June	179	1	167	1
July	178	1	186	1
August	181	1	176	1
September	155	1	167	1
October	121	1	157	1
November	165	1	188	1
December	177	1	191	1
AVERAGE NUMBER	171	1	179	2

CLASSIFIED WEEKLY WAGES.

In the next table will be found for 1919 and 1920 the wage-earners, divided as to age and sex and classified according to weekly wage payments within specified groups. All employees in the industry were over 16 years of age. In both years the largest group was between \$20 and \$24 per week. The second in importance was the \$24 to \$28 per week group. The classifications are based on average wages obtaining in the plants reporting.

Wage Groups	1919		
	16 Years of age and over		
	Male Employees	Female Employees	Total Employees
Under \$5 per week	-	-	-
\$5 to under \$10 per week ..	-	-	-
\$10 " " \$15 " " .	-	1	1
\$15 " " \$20 " " .	11	-	11
\$20 " " \$24 " " .	89	-	89
\$24 " " \$28 " " .	72	-	72
\$28 " " \$30 " " .	8	-	8
\$30 per week and over	17	-	17
TOTALS	183	1	189
1920			
Under \$5 per week	-	-	-
\$5 to under \$10 per week ..	6	-	6
\$10 " " \$15 " " .	3	-	3
\$15 " " \$20 " " .	6	2	7
\$20 " " \$24 " " .	78	-	78
\$24 " " \$28 " " .	55	-	55
\$28 " " \$30 " " .	10	-	10
\$30 per week and over	30	-	30
TOTALS	196	1	197

THE LINSEED OIL INDUSTRY IN CANADA, 1919 and 1920.FUEL CONSUMPTION.

The following table shows quantities and cost values delivered at the mill of the various kinds of fuel consumed during the years 1919 and 1920. The total outlay increased from \$32,243 in 1919 to \$34,137 in 1920.

Kind	1919				1920			
	Canadian Quan.	Foreign Value	Canadian Quan.	Foreign Value	Canadian Quan.	Foreign Value	Canadian Quan.	Foreign Value
Bituminous coal,								
slack	-	-	900	6,215	-	-	2	600
Bituminous coal,								
lump	-	-	1,250	12,885	-	-	1,391	13,802
Bituminous coal,								
run of mine .	688	7,011	608	4,207	126	1,012	879	10,098
Anthrācite coal,								
lump	-	-	170	1,925	-	-	15	225
TOTAL	688	7,011	2,928	25,232	126	1,012	2,885	33,125

POWER.

The compilation of power equipment shows for the various kinds of power, and for the years 1919 and 1920, the number of units installed, the total indicated horse-power and the total horse-power effectively used. The data is given in the following summary.

Class	1919			1920		
	Number of units	H.P. accord- ing to mfrs' rating	Total H. P. used	Number of units	H.P. accord- ing to mfrs' rating	Total H. P. used
Boilers, steam	8	735	240	5	410	190
Engines, gas ...	-	-	-	1	12	12
Water wheels ...	3	175	175	3	200	200
Electric motors.	38	1,267	1,138	51	1,458	1,226
TOTALS	41	1,442	1,313	55	1,670	1,438

MISCELLANEOUS EXPENSES.

An increase is reported in the total outlay for miscellaneous purposes. The total increased from \$437,897 in 1919 to \$472,335 in 1920. The principal items under this heading are shown for the years 1919 and 1920 in the accompanying table:-

Miscellaneous Expenses	1919	1920
Rent of offices, works, machinery	\$ 11,760	\$ 13,605
Cost of purchased power	17,562	29,061
Insurance	11,920	13,663
Taxes, municipal, provincial, federal	13,836	47,341
Advertising	5,158	9,556
Traveling expenses	4,496	7,262
Repairs to buildings & machinery .	37,431	54,774
All other sundry expenses	335,684	297,053
TOTALS	437,897	472,335

THE LINSEED OIL INDUSTRY IN CANADA, 1919 and 1920MATERIALS USED.

The total value of all materials effectively utilized was reported at \$6,921,801 in 1919, and at \$7,180,011 in 1920. The quantities and cost values of the different items are given in the table below. The quantity of flax seed pressed decreased from 1,637,991 bushels in 1919 to 1,527,096 in 1920.

Kind	1919		1920	
	Quantity	Value	Quantity	Value
Flax seed bushels	1,637,991	\$ 6,770,371	1,527,096	6,802,612
Fullers earth .. lbs.	-	-	15,680	136
Other materials used in refining	-	151,430	-	377,263
TOTALS		6,921,801		7,180,011

IMPORTS AND EXPORTS.

Imports of linseed oil and oil cake are shown in the accompanying table. A very marked increase is reported in 1920, the value of linseed oil imported having risen from \$544,986 in 1919 to \$1,987,252 in 1920.

"IMPORTS".

	1919		1920	
	Quantity	Value	Quantity	Value
Linseed oil, raw or boiled lbs.	2,465,522	\$ 544,986	8,323,183	1,987,252
Oil cake, linseed, etc..... cwt.	20,134	68,389	35,357	112,691
TOTALS		613,375		2,099,943

1 Nine months of 1919 only, Imports for January, February and March 1919 were included in "Oil cake, etc. all kinds".

EXPORTS.

Separate records covering the Exports of linseed oil and linseed oil cake are not available. Export returns were included under "Oils, vegetable" and "Oil cake, all kinds".

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010731824