

42-202

Historical File Copy

63-9-12-35

500

Published by Authority of the HON. W. D. EULER, M.P.
Minister of Trade and Commerce.

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

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

DOMINION BUREAU OF STATISTICS
JUN 5 1967
PROPERTY OF THE LIBRARY

IRON AND STEEL AND THEIR PRODUCTS

THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1934.

Production by the factories in Canada which, during 1934, were engaged chiefly in the manufacture of farm implements and machinery was valued at \$8,817,756 as compared with a corresponding value of \$5,326,416 in the previous year, \$5,510,078 in 1932 and \$11,175,404 in 1931.

Only 35 factories operated in this industry during the year and of these 27 were located in Ontario, 5 in Quebec, 2 in Manitoba and 1 in Prince Edward Island. In 1933 there were 40 plants in this group while in 1931 reports were received from 57 establishments.

Capital employed was reported at \$55,742,696 in 1934 including \$17,789,211 for the value of land, buildings and equipment, \$10,166,433 for inventories of finished products, \$4,676,511 for inventories of materials on hand and stocks in process, and \$23,110,541 for cash, bills and accounts receivable, etc. The total capital of \$55,742,696 was more than \$8 millions below the 1933 figure and nearly \$18 millions below 1932.

The average number of employees on the payroll during 1934 was 3,706 but many of these worked on short time for a great part of the year; salaries and wages for the year totalled \$3,776,918. In the previous year, 1933, the number of employees was 3,039 and their earnings totalled \$3,047,501.

Imports of agricultural machinery were valued at \$3,204,029 during the calendar year 1934 compared with \$2,290,401 in the next preceding twelve month period. Exports and re-exports for the same periods advanced to \$3,351,220 from \$1,510,795.

The apparent consumption of farm machinery in Canada, as calculated by adding production to imports and deducting exports, amounted in value to \$8,670,565 in 1934 compared with \$6,106,022 in 1933, \$6,118,909 in 1932, \$12,129,909 in 1931, \$38,410,397 in 1930, and \$52,385,827 in 1929.

Handwritten text at the top center, possibly a title or header.

Handwritten text below the top header, possibly a date or reference number.

Handwritten marks or characters on the right edge of the page.

Table 1 - PRINCIPAL STATISTICS OF THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1920-1934.

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
1920	99	110,868,713	12,838	16,941,987	22,588,390	50,301,302	27,712,912
1921	90	100,285,688	9,198	11,808,700	18,854,557	38,947,968	20,093,431
1922	73	92,566,964	6,221	7,084,947	7,967,767	18,240,381	10,272,614
1923	67	92,277,040	7,792	9,112,214	11,592,401	26,026,419	14,434,018
1924	63	82,877,387	6,700	8,192,861	11,700,644	26,447,171	14,746,527
1925	61	81,861,961	7,559	9,089,221	11,089,186	24,770,216	13,681,030
1926	69	78,947,274	10,091	12,636,915	18,160,336	38,269,214	20,108,378
1927	65	88,981,203	11,011	13,315,500	19,317,415	42,996,288	23,678,873
1928	66	91,142,820	10,867	13,599,953	17,607,861	41,199,841	23,591,980
1929	62	103,356,773	11,408	14,775,889	19,016,981	40,659,479	21,642,498
1930	57	98,684,828	7,405	9,564,049	11,353,523	26,902,159	15,548,616
1931	57	84,501,405	4,471	4,997,732	3,597,534	11,175,404	7,577,870
1932	47	73,576,979	2,758	3,097,975	1,907,768	5,510,078	3,602,310
1933	40	63,903,380	3,039	3,047,501	2,215,031	5,326,416	3,111,385
1934	35	55,742,696	3,706	3,776,918	3,632,821	8,817,758	5,184,935

Table 2 - APPARENT CONSUMPTION OF FARM IMPLEMENTS AND MACHINERY IN CANADA, CALENDAR YEARS, 1920-1934.

Years	Production of the Farm Implements and Machinery Industry (selling value at works)	IMPORTS	EXPORTS AND RE-EXPORTS	APPARENT CONSUMPTION
	\$	\$	\$	\$
1920	50,301,302	23,123,201	12,197,994	61,226,509
1921	38,947,968	9,199,653	7,615,825	40,531,796
1922	18,240,381	7,732,217	5,041,044	20,931,554
1923	26,026,419	11,893,646	8,187,492	29,732,573
1924	26,447,171	6,585,750	11,356,258	21,676,663
1925	24,770,216	11,234,839	12,374,176	23,630,879
1926	38,269,214	17,630,949	17,002,590	38,897,573
1927	42,996,288	26,101,338	16,559,806	52,537,820
1928	41,199,841	39,893,490	14,560,412	66,532,919
1929	40,659,479	31,845,326	20,118,978	52,355,827
1930	26,902,139	21,944,231	10,435,973	38,410,397
1931	11,175,404	3,964,344	3,009,839	12,129,909
1932	5,510,078	2,204,646	1,595,815	6,118,909
1933	5,326,416	2,290,401	1,510,795	6,106,022
1934	8,817,756	3,204,029	3,351,220	8,670,565

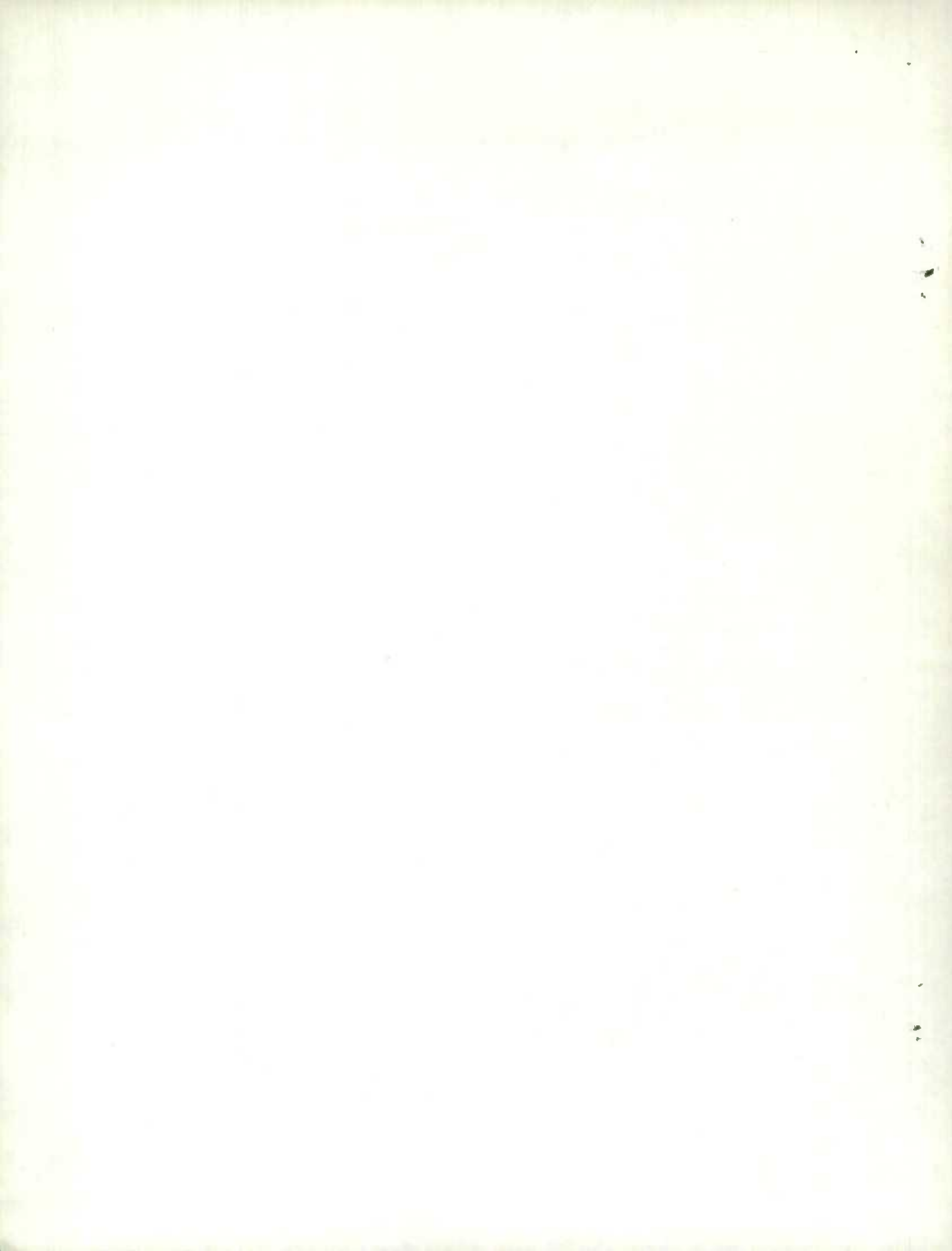


Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1933 and 1934.

Provinces	No. of plants	Capital employed	Average	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
			number of employees				
		\$		\$	\$	\$	\$
<u>1933</u>							
Quebec	6	368,746	80	54,273	36,636	112,917	76,281
Ontario	31	62,966,381	2,892	2,924,181	2,087,148	4,989,927	2,902,779
Prince Edward Island 1)							
Manitoba	2)	568,253	67	69,047	91,247	223,572	132,325
CANADA	40	63,903,380	3,039	3,047,501	2,215,031	5,326,416	3,111,385
<u>1934</u>							
Quebec	5	341,057	95	61,142	50,652	169,179	118,527
Ontario	27	54,883,149	3,543	3,637,057	3,467,137	8,363,135	4,895,998
Prince Edward Island 1)							
Manitoba	2)	518,490	68	78,719	115,032	285,442	170,410
CANADA	35	55,742,696	3,706	3,776,918	3,632,821	8,817,756	5,184,935

Table 4 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1933 and 1934.

Provinces	Present value	Inventory value	Inventory	Operating	TOTAL CAPITAL EMPLOYED
	of lands, build- ings, fixtures, machinery and tools	of materials on hand and stocks in process	value of finished products on hand	capital (cash, bills and accounts re- ceivable, etc.)	
	\$	\$	\$	\$	\$
<u>1933</u>					
Quebec	133,968	55,202	23,450	156,126	368,746
Ontario	18,022,066	4,671,909	14,205,902	26,066,504	62,966,381
Other provinces .	228,759	62,532	160,783	116,179	568,253
CANADA	18,384,793	4,789,643	14,390,135	26,338,809	63,903,380
<u>1934</u>					
Quebec	96,662	49,220	20,834	174,341	341,057
Ontario	17,472,254	4,517,601	10,051,024	22,842,270	54,883,149
Other provinces .	220,295	109,690	94,575	93,930	513,490
CANADA	17,789,211	4,676,511	10,166,433	23,110,541	55,742,696

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1933 and 1934.

Provinces	AVERAGE NUMBER OF EMPLOYEES					Salaries	Wages	TOTAL SALARIES AND WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
					\$	\$	\$	
<u>1933</u>								
Quebec	19	1	60	...	80	21,011	53,262	54,273
Ontario	146	129	2,275	42	2,892	1,041,934	1,882,247	2,924,181
Other provinces .	17	3	47	...	67	31,935	37,112	69,047
CANADA	482	133	2,382	42	3,039	1,094,880	1,952,621	3,047,501
<u>1934</u>								
Quebec	17	...	78	...	95	17,548	43,594	61,142
Ontario	417	124	2,957	45	3,543	1,035,376	2,601,681	3,637,057
Other provinces .	17	3	48	...	68	37,183	41,536	78,719
CANADA	451	127	3,083	45	3,706	1,090,107	2,686,811	3,776,916

Table 6 - WAGE-EARNERS, BY MONTHS, 1933 and 1934. (On the 15th of each month or nearest representative date)

Months	1933			1934		
	Male	Female	TOTAL	Male	Female	TOTAL
January	2,052	42	2,094	2,833	49	2,882
February	2,296	43	2,339	3,142	51	3,193
March	2,412	42	2,454	3,287	53	3,340
April	2,377	46	2,423	3,363	50	3,413
May	2,551	44	2,595	3,448	45	3,493
June	2,973	47	3,020	3,455	45	3,500
July	2,966	48	3,014	3,221	44	3,265
August	2,525	45	2,570	2,886	38	2,924
September	2,196	32	2,228	2,758	42	2,800
October	1,883	27	1,910	2,579	34	2,613
November	2,084	41	2,125	2,901	46	2,947
December	2,217	43	2,260	3,100	44	3,144
AVERAGE	3,282	42	2,424	3,083	45	3,128

Table 7 - FUEL AND ELECTRICITY USED, 1933 and 1934.

Kinds	Unit of measure	1933		1934	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian ..	short tons	641	4,653	1,602	9,771
Imported ..	short tons	24,299	113,918	26,822	130,581
Anthracite coal	short tons	108	1,133	113	1,256
Coke	short tons	164	1,502	185	1,811
Gasoline	Imp. gal.	9,973	2,191	16,187	3,240
Kerosene	Imp. gal.	660	115	410	81
Fuel oil	Imp. gal.	498,588	38,841	795,475	60,952
Wood	cords	602	2,096	661	1,966
Gas - Manufactured	M cu.ft.	35,154	13,683	68,932	23,777
Natural	M cu.ft.	2,981	1,813	4,338	2,477
Other fuel	xxx	...	24	...	...
Electricity	k.w.h.	7,119,885	103,779	10,594,606	132,380
TOTAL	xxx	...	283,748	...	368,292

Table 8 - POWER EQUIPMENT, 1933 and 1934.

	1933		1934	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines	25	3,390	24	3,380
Gasoline, gas and oil engines	111	85	9	59
Hydraulic turbines or water wheels	4	121	3	111
Total Primary Equipment	40	3,596	36	3,550
Electric motors run by purchased power.	1,200	18,243	1,223	18,126
Total Power Equipment	1,240	21,839	1,259	21,676
Electric motors run by power generated by above primary units	10	72	10	72
Total Electric Motors	1,210	18,315	1,233	18,198
Boilers	52	6,290	50	6,130

Table 9 - MATERIALS USED IN MANUFACTURING, 1933 and 1934.

Materials	Unit of measure	1933		1934	
		Quantity	Total cost at works \$	Quantity	Total cost at works \$
Iron and Steel -					
Pig iron	long ton	4,974	100,897	6,750	134,267
Wrought iron bars, etc.	short ton	56	3,796	149	9,030
Malleable iron bars, etc.	short ton	198	24,333	29	4,727
Iron castings, all kinds	short ton	816	96,544	1,882	220,432
Steel (other than special alloy steel) -					
Castings purchased	short ton	193	18,163	544	65,150
Ingots, blooms and billets	short ton	15	900	2	160
Bars and rods and shafting	short ton	6,776	341,864	14,617	788,569
Plates	short ton	454	41,845	522	41,113
Sheets, plain	short ton	936	64,201	755	61,670
Sheets, galvanized	short ton	488	35,420	1,257	78,422
Structural shapes (angles, channels, etc.)	short ton	609	28,225	904	43,088
Wire	short ton	395	25,790	227	23,215
Alloy steel	short ton	...	2,311	25	11,909
Scrap iron and steel of all kinds ...	short ton	2,335	24,724	4,996	53,419
Other iron and steel	xxx	...	17,861	60	6,497
Other metals -					
Aluminium	lb.	18,267	2,850	9,013	2,794
Brass and bronze castings	lb.	54,941	8,976	191,278	21,809
Brass and bronze sheets, bars, etc... lb.	lb.	10,307	2,152	18,121	3,444
Copper sheets, bars, etc.	lb.	53,662	13,301	105,266	17,102
Lead	lb.	7,727	455	10,722	552
Tin	lb.	11,736	3,813	22,468	9,810
Zinc.....	lb.	59,398	2,857	90,811	5,059
Babbitt metals and solder	lb.	26,157	5,028	30,429	7,279
Other metals	xx	...	4,798	...	16,565
Articles used for further manufacture -					
Parts for machines or vehicles	xx	...	278,824	...	473,802
Iron and steel pipes, tubes and fittings	xx	...	29,961	...	40,826
Bolts, nuts, rivets and screws	xx	...	44,888	...	78,082
Electrical goods	xx	...	60,170	...	22,267
Paints, oils and varnishes	xx	...	49,195	...	92,885
Rubber and leather goods	xx	...	45,899	...	65,517
Wheels - wooden	No.	2,223	7,022	194	667
Wheels - metal	No.	8,869	27,250	28,444	85,800
Separator parts	xx	...	157,836	...	93,099
Cotton, duck and other textiles	xx	...	42,848	...	109,884
Other articles of this class	xx	...	52,665	...	77,448
Other material -					
Foundry coke (used in cupola; not for heat or power)	short ton	2,789	26,637	4,243	42,662
Moulding sands	short ton	1,685	5,141	2,874	9,301
Plumbago	lb.	1,710	126	1,978	153
Other foundry facings	lb.	92,590	1,393	100,917	1,489
Patterns and models	xx	...	125	...	...
Lumber	M ft.b.m.	3,977	231,262	6,806	363,062
Firebrick	M	72	4,799	78	3,835
Fireclay	short ton	333	2,251	300	5,554
Cupola blocks	No.	1,916	329	2,769	458
Core oil	Imp. gal.	4,842	1,850	5,782	2,498
Core compounds	lb.	5,715	250	...	2,274
Shipping containers	xx	...	2,080	...	4,247
All other materials	xx	...	271,121	...	430,729
TOTAL	xx	...	2,215,031	...	3,632,821

Table 10 - PRODUCTS MADE, 1933 and 1934.

Products	1933		1934	
	Selling value		Selling value	
	Number	at works \$	Number	at works \$
Farm implements, horse and power -				
Tillage implements -				
Cultivators	888	43,108	3,352	187,339
Harrow sections	3,446	9,022	6,698	18,565
Harrows, disc	1,313	103,327	3,564	239,255
Harrows, spike tooth	570	3,445	2,186	13,137
Harrows, spring tooth	1,213	17,730	3,135	46,156
Harrows, kind not specified .....	...	...	16	400
Land rollers, land packers and plough packers	178	4,796	351	11,894
Ploughs, disc	1,098	172,061	1,632	169,089
Ploughs, single, walking	10,952	105,355	20,462	200,781
Ploughs, single sulky	213	7,234	441	16,914
Ploughs, gang, walking	620	21,228	3,678	138,154
Ploughs, gang, sulky	276	11,888	1,576	102,030
Ploughs, gang, tractor	402	26,437	639	54,858
Ploughs, hillside	841	9,504	1,412	18,814
Ploughs, all other	367	34,701	428	58,989
Scufflers	3,166	20,051	8,340	52,528
Weeders	353	14,841	346	17,441
Planting and seeding machines -				
Drills	256	33,622	1,055	118,976
Planters, corn	125	2,391	1,007	27,836
Other planting and seeding machines	47	3,367	16	2,023
Harvesting machines -				
Binders, grain	6,317	815,380	7,253	1,122,829
Threshers and reaper-threshers	340	242,686	738	609,325
Other harvesting machines including reapers, corn binders, etc. ....	...	23,310	59	7,453
Haying machines -				
Hay forks, carriers and slings .....	...	3,300	220	2,050
Hay loaders	250	13,541	339	24,273
Hay rakes	1,613	39,410	4,155	121,255
Mowers	3,796	202,955	8,924	545,176
Other haying machines .....	...	524	...	12,119
Other farm equipment -				
Fanning mills, grain cleaners and grain blowers	...	106,310	...	144,357
Manure spreaders	498	43,564	1,488	159,631
Potato diggers	18	925	106	7,816
Pulpers and slicers	423	6,661	605	13,217
Sprayers, hand	470	2,381	1,070	9,781
Sprayers, power	98	23,395	515	105,223
Sprayers, barrel or tank	61	1,600	207	7,089
Grain grinders	1,241	43,160	743	39,749
Dairy equipment -				
Cream separators	6,364	402,470	9,705	659,095
Other dairy equipment including milking machines, churns, etc. ....	...	249,813	...	266,453
Parts and accessories for agricultural implements .....	...	683,889	...	1,162,975
Received for custom work and repairs .....	...	927,858	...	1,343,335
All other products (x) .....	...	844,196	...	959,376
TOTAL .....	...	5,326,416	...	8,817,756

(x) Includes farm machinery not elsewhere specified and miscellaneous articles which were mostly reported by only 1 or 2 firms in this group such as: warm air furnaces, stoves, electric refrigerators, washing machines, road machinery, pumps, iron castings, etc.

Table 11 - EXPORTS OF FARM IMPLEMENTS AND MACHINERY FROM CANADA, 1933 and 1934.

	1933		1934	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
(a) EXPORTS				
Cream separators and parts .....	...	33,774	...	42,428
Milking machines and parts .....	...	23,553	...	68,540
Harvesters and binders	822	131,012	1,681	281,685
Hay rakes	257	7,471	577	15,917
Mowing machines	416	23,664	1,929	114,615
Reapers	1	148	...	...
Reaper-threshers .....	..	10,996	288	310,075
Cultivators	2,222	41,591	5,209	91,608
Drills	190	32,607	813	111,506
Harrows, disc, and parts .....	...	13,901	...	54,834
Harrows and parts, other .....	...	25,248	...	25,982
Ploughs, disc, and parts .....	...	37,199	...	171,220
Ploughs and parts, other .....	...	217,427	...	518,101
Seeders	2	135	41	2,596
Threshing machine separators and parts .....	...	39,072	...	123,372
Garden and farm tools .....	...	124,068	...	151,677
Spades and shovels and parts	dozen 10,548	65,318	16,048	99,683
Other farm implements and machines .....	...	65,115	...	133,501
Other parts for farm implements and machines ..	...	576,537	...	939,505
TOTAL .....	...	1,468,836	...	3,256,845
(b) RE-EXPORTS				
Farm implements and parts .....	...	41,959	...	94,377

Table 12 - IMPORTS INTO CANADA, EXPORTS AND RE-EXPORTS OF FARM IMPLEMENTS AND MACHINERY, BY PRINCIPAL COUNTRIES, 1933 and 1934.

Countries of origin for imports or of destination for exports	IMPORTS		EXPORTS AND RE-EXPORTS	
	1933	1934	1933	1934
	\$	\$	\$	\$
Argentina	12,190	104	164,798	620,730
Australia	2,932	317	83,635	169,175
Belgium	3,774	11,098	3,560	9,553
British South Africa	83	...	357,903	937,562
Chile .....	...	...	5,948	25,961
Denmark	1,704	6,458	13,747	38,554
Finland	1,304	1,370	150	1,349
France	1,739	1,512	75,403	54,303
French Africa .....	...	...	9,348	13,542
Germany	21,870	32,035	20,013	22,482
Great Britain	116,802	149,480	276,235	455,962
Irish Free State	794	287	6,611	9,365
Italy	10	18	6,405	14,365
Mexico .....	...	...	793	7,954
Morocco .....	...	...	10,097	4,575
New Zealand .....	...	...	99,986	102,732
Norway .....	...	...	7,233	2,560
Portuguese Africa .....	...	...	...	37,514
Sweden	77,881	137,155	5,662	6,806
United States	2,042,538	2,850,384	265,566	593,750
Uruguay .....	...	...	5,598	28,066
Other countries	6,730	13,311	72,304	...
TOTAL	2,290,401	3,204,080	...	...

Table 15 - IMPORTS INTO CANADA OF FARM IMPLEMENTS AND MACHINERY, 1933 and 1934.

Items	1933		1934	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Cream separators, steel bowls for .....	...	7,805	...	9,948
Cream separators, and complete parts, not elsewhere specified	9,560	421,615	12,305	408,540
Milking machines and attachments therefor, centrifugal machines for testing butter fat, milk or cream, and complete parts .....	...	12,832	...	13,633
Pasteurizers for dairy purposes, and complete parts	56	37,200	64	52,418
Power churns, power milk coolers, power butter printers, etc. ....	...	25,298	...	37,141
Binding attachments and parts .....	...	631	...	...
Forks, pronged	3,423	19,912	3,109	15,396
Harvesters, self-binding or not, and parts	400	71,462	448	68,080
Hay loaders and parts	5	463	3	177
Hay tedders and parts .....	...	...	8	448
Mowing machines and parts	244	15,691	471	26,299
Potato diggers, planters and parts	18	2,500	213	18,249
Rakes, horse, and parts	125	4,877	258	9,137
Rakes, n.o.p. dozen	5,259	7,247	7,498	9,147
Reapers and parts .....	...	2,982	...	317
Scythes	1,197	7,809	2,366	15,253
Sickles or reaping hooks	454	1,358	696	1,804
Cultivators, horse hoes, scufflers, weeders and parts .....	...	25,298	...	49,713
Drills, seed, garden seeders and parts	1,020	12,251	2,642	26,483
Harrows, disc, and parts .....	...	1,397	...	1,737
Harrows and parts, other .....	...	2,488	...	14,444
Hoes	858	2,577	1,620	3,816
Ploughs, disc, and parts .....	...	387	...	2,223
Ploughs and parts, other .....	...	10,094	...	38,799
Rollers, farm, field, lawn or garden, and soil packers and parts	153	792	185	1,709
Fanning mills, pea viners and corn husking machines and parts	31	6,058	164	13,410
Harvesters in combination with threshing machine separators and complete parts .....	...	20	1	1,605
Threshing machine separators	68	53,879	36	31,014
Threshing machine separators, parts of, including wind stackers, baggers, weighers, and self-feeders therefor, and complete parts .....	...	17,313	...	28,059
Apparatus especially designed for sterilizing bulbs; pressure testing apparatus for determining maturity of fruit, and parts .....	...	42	...	507
Equipment for generating electric power for farm purposes only, viz., engine gas tank, generator, storage battery and switchboard, and complete parts	...	17,381	...	17,975
Fodder, feed or ensilage cutters and parts	101	16,665	435	58,490
Fruit and vegetable grading, washing and wiping machines and combination bagging and weighing machines, and complete parts .....	...	16,610	...	46,104
Grain crushers and grain or hay grinders and parts.	339	21,973	641	55,336
Hay presses and parts	1	159	75	26,310
Knives, edging	120	621	127	759
Knives, hay or straw	32	310	52	350

Table 13 - IMPORTS INTO CANADA OF FARM IMPLEMENTS AND MACHINERY, 1933 and 1934. (concluded)

Items	1933		1934	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
Manure spreaders and parts	5	314	60	6,419
Post-hole diggers and parts	316	443	620	914
Spades and shovels of iron and steel, and other	6,678	20,808	7,095	19,557
Spraying and dusting machines and parts, including hand sprayers and parts .....	...	32,439	...	52,669
Stamping machines and complete parts thereof ..	3	225	...	72
Traction ditching machines (not being ploughs) for use in ditching for tile drains on farms, valued by retail at place of production when new at not more than \$5,000 each, and complete parts .....	...	1,657	1	3,350
Traction engines, internal combustion, for farm purposes, valued at not more than \$1,400 each.	174	108,336	476	306,566
Complete parts of traction engines, internal combustion, for farm purposes, valued at not more than \$1,400 each, and automobile traction attachments and parts .....	...	632,643	...	966,642
Other traction engines for farm purposes	5	12,219	23	48,875
Other parts of traction engines for farm purposes .....	...	21,116	...	18,316
Windmills and complete parts thereof not including shafting .....	...	14,135	...	21,352
Pruning hooks, shears, animal dehorning instru- ments and all other agricultural implements, not elsewhere provided for, and parts .....	...	30,597	...	46,925
Parts of agricultural implements for repairs ..	...	569,472	...	607,542
TOTAL .....	...	2,290,401	...	3,204,029

Table 14 - PRODUCTION OF PLOUGHS IN CANADA, 1929-1934. (Including some ploughs made in other industries)

Kinds	1929	1930	1931	1932	1933	1934
Disc	No. 3,866	2,911	903	851	1,098	1,632
	\$ 439,561	283,622	160,446	173,183	172,061	169,089
Single, walking	No. 22,510	23,083	14,194	9,759	10,952	20,462
	\$ 503,177	303,514	163,283	96,284	105,335	200,781
Gang, walking	No. 7,155	5,181	954	535	620	3,678
	\$ 307,073	199,669	42,125	17,822	21,228	138,154
Single, sulky	No. 4,237	11,379	1,162	314	213	441
	\$ 187,359	211,709	48,589	11,088	7,234	16,914
Gang, sulky	No. 8,611	8,032	442	1,086	276	1,576
	\$ 596,071	511,032	31,847	55,775	11,888	102,030
Gang, tractor	No. 27,607	22,414	3,383	608	402	639
	\$ 2,701,969	2,180,173	378,894	57,977	26,437	54,858
Hillside	No. 1,034	598	290	210	841	1,412
	\$ 14,776	8,931	3,737	3,132	9,504	18,814
All other	No. 441	3,927	1,534	1,142	1,267	428
	\$ 21,525	196,486	55,950	48,366	60,152	58,989
TOTAL	No. 75,461	77,525	22,862	14,505	15,669	30,263
	\$ 4,771,511	3,895,136	884,871	463,627	413,839	759,629

Table 15 - APPARENT CONSUMPTION OF PLOUGHS IN CANADA, 1929 - 1934.

		1929	1930	1931	1932	1933	1934
PRODUCTION	No.	75,461	77,525	22,862	14,505	15,669	30,268
(Ploughs)	\$	4,771,511	3,895,136	884,871	463,627	413,839	759,629
IMPORTS							
(Ploughs and parts)	\$	2,228,598	1,797,886	43,454	44,906	10,481	41,022
EXPORTS							
(Ploughs and parts)	\$	4,821,266	2,369,684	355,123	238,951	254,626	689,321
APPARENT CONSUMPTION	\$	2,178,843	3,323,338	573,197	269,582	169,694	111,330

Table 16 - APPARENT CONSUMPTION OF MOWERS IN CANADA, 1929 - 1934.

		1929	1930	1931	1932	1933	1934
PRODUCTION	No.	23,628	17,675	8,340	4,155	3,796	8,924
(Hay mowers)	\$	1,366,087	1,026,677	511,392	209,832	202,955	545,176
IMPORTS							
(Mowing machines and parts)	No.	871	866	314	110	244	471
EXPORTS	\$	101,506	93,530	21,918	13,337	15,691	26,299
EXPORTS	No.	13,142	8,559	3,120	826	416	1,929
(Mowing machines)	\$	788,247	524,837	168,708	42,594	23,664	114,615
APPARENT CONSUMPTION	No.	11,357	9,982	5,534	3,439	3,624	7,466
	\$	679,346	595,370	364,602	180,575	194,982	456,860

Table 17 - PRODUCTION OF HARROWS IN CANADA, 1929-1934. (Includes some harrows made in other industries)

Kinds		1929	1930	1931	1932	1933	1934
Disc	No.	25,473	12,198	4,039	1,335	1,313	3,564
	\$	1,569,431	777,475	216,031	46,788	103,327	239,255
Spike tooth	No.	11,892	6,112	2,052	234	570	2,186
	\$	61,166	49,365	12,758	3,549	3,445	13,137
Spring tooth	No.	7,196	5,304	2,243	1,218	1,213	3,135
	\$	181,598	110,693	31,787	18,027	17,730	46,156
Kind not specified	No.	...	...	344	301	200	16
	\$	...	...	20,000	21,025	7,680	400
TOTAL	No.	44,561	23,614	8,678	3,088	3,296	8,901
	\$	1,812,195	937,533	280,576	89,389	132,182	298,948

Table 18 - APPARENT CONSUMPTION OF HARROWS IN CANADA, 1929 - 1934.

		1929	1930	1931	1932	1933	1934
PRODUCTION	No.	44,561	23,614	8,678	3,088	3,296	8,901
(Harrows)	\$	1,812,195	937,533	280,576	89,389	132,182	298,948
IMPORTS -							
(Harrows and parts)	\$	738,648	560,791	33,823	7,396	3,885	16,181
EXPORTS -							
(Harrows and parts)	\$	610,754	190,499	51,381	24,422	39,149	80,816
APPARENT CONSUMPTION	\$	1,940,089	1,307,825	263,018	72,363	96,918	234,313

Table 19 - APPARENT CONSUMPTION OF BINDERS IN CANADA, 1929 - 1934.

		1929	1930	1931	1932	1933	1934
PRODUCTION -							
(Grain binders).....	No.	24,783	17,541	3,485	2,402	6,317	7,253
	\$	4,044,375	2,775,147	586,133	369,810	815,360	1,122,829
IMPORTS -							
(Harvesters, self-binding or not)	No.	5,286	3,053	263	452	400	448
	\$	5,016,421	1,598,873	52,476	94,436	71,462	68,080
EXPORTS -							
(Harvesters and binders)	No.	14,348	8,864	1,711	720	822	1,681
	\$	2,455,601	1,698,353	325,554	135,957	131,012	281,685
APPARENT CONSUMPTION	No.	15,721	11,730	2,037	2,134	5,895	6,020
	\$	6,605,195	2,675,667	313,055	328,289	755,830	909,224

Table 20 - APPARENT CONSUMPTION OF THRESHERS AND REAPER-THRESHERS IN CANADA, 1929 - 1934.
(Including some threshers made in other industries)

		1929	1930	1931	1932	1933	1934
PRODUCTION -							
(Threshers and reaper-threshers)	No.	6,717	2,076	918	418	351	738
	\$	6,358,514	1,624,717	830,202	389,174	250,921	609,325
IMPORTS - (threshing machine separators; and harvesters in combination with threshing machine separators)							
	No.	1,988	2,401	67	45	63	37
	\$	2,160,705	2,971,774	62,381	42,145	53,899	32,619
EXPORTS - (reaper-threshers and threshing machine separators and parts) .							
	\$	4,104,724	911,378	407,173	261,146	50,068	434,445
APPARENT CONSUMPTION ...	\$	4,414,495	3,685,113	485,410	170,173	254,752	207,499

Table 21 - APPARENT CONSUMPTION OF SEED DRILLS IN CANADA, 1929 - 1934.

		1929	1930	1931	1932	1933	1934
PRODUCTION							
	No.	20,184	14,035	2,819	716	256	1,055
	\$	3,176,755	2,224,235	457,707	92,462	33,622	118,976
IMPORTS -							
(Seed drills, garden seeders and parts)	No.	6,327	4,305	1,121	...	...	...
	\$	986,456	653,622	55,884	7,196	12,251	26,483
EXPORTS -							
(Drills)	No.	5,945	3,204	603	492	190	813
	\$	980,675	503,948	81,617	69,198	32,607	111,506
APPARENT CONSUMPTION ...	No.	20,566	15,136	3,337	...	...	...
	\$	3,182,536	2,373,909	451,974	30,460	15,266	33,953

LIST OF FIRMS INCLUDED IN THE FARM IMPLEMENTS AND MACHINERY INDUSTRY IN CANADA, 1934.

NOTE - This directory is not intended to be a complete list of the manufacturers of farm implements and machinery. It is merely a list of the firms included in this industry which covers all concerns that made farm implements and machinery as their MAIN products in 1934.

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>PRINCE EDWARD ISLAND -</u>	
Hall Manufacturing & Cold Storage Co. Ltd.	Summerside
<u>QUEBEC -</u>	
Desjardins, Ltee.	St. Andre de Kamouraska
Dion et Frere	Ste. Therese de Blainville
La Cie Godbout Ltee	Massueville
La Cie Jutras, Ltee.	Victoriaville
Moody, Matthew, & Sons Co. Ltd.	Terrebonne
Omega Machinery Ltd., The	42 Rue Mondor, St. Hyacinthe
<u>ONTARIO -</u>	
Biscell, T. E., Company Ltd.	Elora
Brown, Robert H., Co.	Armstrong and Hamilton Sts., Ottawa
Canadian Potato Machinery Co. Ltd.	16 Cooper St., Galt
Cockshutt Plow Co. Ltd.	Mohawk St., Brantford
De Laval Company Ltd., The	113 Park St., Peterborough
Ebersol, John R.	Mill St., Milverton
Empire Farm Machinery Co. Ltd.	114 L'Esperance Road, Tecumseh
Ernst Bros. Co. Ltd.	Mount Forest
Erie Iron Works Ltd., The	116 Talbot St., St. Thomas
Goodison, John, Threshing Machine Co. Ltd., The	Essex and Mitton Sts., Sarnia
Fleury's, J., Sons, Ltd.	Wellington St., Aurora
Frost and Wood Co. Ltd., The	25 Chambers St., Smiths Falls
Hergott Company	Mildmay
International Harvester Co. of Canada, Ltd.	Sherman Ave. N., Hamilton
Jamesway Ltd.	Rosemount Ave. and Dufferin St., Weston
Massey-Harris Company Ltd.	Market St., Brantford
Massey-Harris Company Ltd.	915 King St. W., Toronto (Head office)
New Perfection Sprayer Co.	6 Main St., Galt
Percival Plow & Stove Co. Ltd.	Merrickville
Renfrew Machinery Co. Ltd., The	Lochiel St., Renfrew
Sawyer-Massey, Ltd.	Wellington St. N., Hamilton
Spramotor Ltd.	1109 York St., London
Sunshine Waterloo Company Ltd.	Sunshine Ave., Waterloo
Tweed Foundries Limited	Tweed
Waterloo Manufacturing Co. Ltd., The	67 King St. S., Waterloo
Watson, John, Mfg. Co. Ltd., The	Ayr
White, George, & Sons Co. Ltd.	Cabell St., London
Wood, W. C., Co. Ltd.	2480 Dundas St. W., Toronto
<u>MANITOBA -</u>	
Gregg Mfg. Co. Ltd.	601 Bowman Ave., Winnipeg
Hart-Emerson Company Ltd., The	1425 Whyte Ave., Winnipeg

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010642838