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CANADA



AGRICULTURAL IMPLEMENT INDUSTRY

1967

ANNUAL CENSUS OF MANUFACTURES

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AGRICULTURAL IMPLEMENT INDUSTRY
(S.I.C. 311)

1967

For statistical purposes the industry titled Agricultural Implement Industry (S.I.C. 311) covers the operations of establishments primarily engaged in manufacturing agricultural implements such as plows, threshing machines, binders, fertilizing machinery, milking machines, and mowing machines. The industry also includes establishments primarily engaged in manufacturing tractors. Establishments primarily engaged in manufacturing truck tractors for highway use are classified in Industry No. 323 - Motor Vehicle Manufacturers. Establishments primarily engaged in manufacturing industrial tractors for handling materials in industrial plants, depots and docks are classified in Industry No. 315 - Miscellaneous Machinery and Equipment Manufacturers. Establishments primarily engaged in manufacturing hand tools, such as hoes, rakes, and shovels are classified in Industry No. 306 - Hardware, Tool and Cutlery Manufacturers.

A review of the principal statistics for this industry indicates that total employment increased by 0.3 per cent and total salaries and wages by 4.7 per cent. The total number of production employees decreased by 25 but during the same period total manhours paid increased by 170,000 hours.

The total value of shipments decreased by 1.5 per cent, the value of production decreased by 2.7 per cent, the total cost of materials used in the manufacturing process decreased by 3 per cent and value added on products of own manufacture decreased by 2.4 per cent.

The ratio of cost of materials used to value of production was 56.8 per cent in 1967 in comparison to 57 per cent in 1966, and the ratio of manufacturing wages to production was 20 per cent in 1967 and 19 per cent in 1966.

The total value of farm implements and farm equipment produced during 1967 by the firms classified to this industry represented 80 per cent of their total value of production. Some of the non-farm products were grey iron castings, bulldozer blades, hydraulic equipment, miscellaneous construction equipment, logging equipment, hardware and steel tubing.

It should be noted that Table 8 covers the Shipments of the firms classified to this industry whereas Table 9 gives the total value of shipments of specific items of Canadian manufacture and includes shipments of those items reported by firms classified to other S.I.C. industries.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- P preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

NOTES TO USERS

See inside back cover

TABLE 1. PRINCIPAL STATISTICS, 1961-67

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000			\$'000	
1961													
Totals	67	6,986	14,309	31,072	1,878	74,095	138,981	61,173	17	55	10,058	46,316	61,775
1962													
Totals	70	7,331	15,182	34,879	1,828	76,680	140,820	64,713	22	66	9,949	48,896	69,085
1963													
Totals	82	8,623	18,354	44,054	2,090	97,426	182,767	87,276	21	82	11,160	58,380	100,031
1964													
Totals	94	9,569	20,488	51,496	2,494	135,176	243,963	114,022	15	46	12,474	68,448	122,153
1965													
Totals	96	10,599	22,310	56,261	2,648	162,671	285,099	126,743	14	72	13,721	75,610	135,353
1966													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	2	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	12	483	1,124	1,843	120	4,497	8,917	4,499	-	-	598	2,560	4,773
Ontario	37	8,866	18,942	54,536	2,522	156,167	265,723	111,453	13	98	11,310	70,981	120,760
Manitoba	19	1,425	2,988	5,466	265	23,638	40,002	17,460	-	-	1,677	7,308	17,522
Saskatchewan	16	211	453	991	64	2,450	5,598	3,006	x	x	361	1,893	3,120
Alberta	15	313	673	1,260	94	3,112	7,403	3,831	x	x	508	2,347	4,292
British Columbia	3	10	19	41	3	159	323	141	-	-	17	74	147
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	105	11,332	24,248	64,216	3,074	190,199	328,332	140,615	18	114	14,498	85,252	150,839
1967													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	2	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec	12	505	1,113	1,948	152	4,883	10,315	5,227	-	-	629	2,713	5,415
Ontario	40	8,492	18,355	54,775	2,492	140,079	247,975	103,340	14	70	10,961	72,108	112,705
Manitoba	21	1,692	3,639	7,084	355	31,430	48,244	19,547	-	-	1,980	9,232	19,773
Saskatchewan	17	230	482	1,145	75	3,091	7,552	4,655	x	x	378	2,200	4,879
Alberta	17	296	609	1,287	103	3,376	6,938	3,651	x	x	489	2,479	4,128
British Columbia	3	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	113	11,307	24,418	66,587	3,198	184,478	323,433	137,371	18	84	14,553	89,232	147,886

TABLE 2. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000			\$'000		
1966													
Under \$10,000	6	6	9	13	2	30	78	49	3	9	10	25	49
\$ 10,000 to \$ 24,999	5	11	21	30	2	67	177	113	4	15	15	47	120
25,000 " 49,999	15	90	101	183	12	458	1,012	564	8	35	70	269	593
50,000 " 99,999	17	112	240	405	32	1,245	2,614	1,446	x	x	150	586	1,486
100,000 " 199,999	28	379	812	1,568	99	3,935	7,956	3,983	-	-	496	2,292	4,272
200,000 " 499,999	11	380	811	1,486	117	4,540	7,830	3,594	-	-	493	2,217	3,776
500,000 " 999,999	14	1,514	3,297	6,445	345	15,223	33,858	18,081	x	x	2,049	9,810	20,523
1,000,000 " 4,999,999	9	8,880	18,956	54,086	2,465	164,700	274,808	112,787	-	-	10,973	68,631	120,020
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	242	1,375	...
Totals	105	11,332	24,248	64,216	3,074	190,199	328,332	140,615	18	114	14,498	85,252	150,839
1967													
Under \$10,000	8	7	11	15	2	51	115	66	4	12	12	31	66
\$ 10,000 to \$ 24,999	11	27	54	95	6	174	414	258	8	31	36	134	331
25,000 " 49,999	12	51	106	186	12	371	842	471	3	14	69	260	480
50,000 " 99,999	19	158	327	616	34	1,609	3,022	1,471	x	x	206	857	1,550
100,000 " 199,999	24	364	772	1,607	97	3,888	7,752	3,850	-	-	474	2,339	4,149
200,000 " 499,999	12	259	578	1,282	95	4,223	8,139	3,893	-	-	350	1,934	4,228
500,000 " 999,999	19	1,851	3,965	8,211	486	22,508	44,992	22,686	x	x	2,453	12,276	24,451
1,000,000 " 4,999,999	8	8,590	18,605	54,575	2,466	151,655	258,158	104,677	-	-	10,470	68,071	112,768
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	483	3,328	(136)
Totals	113	11,307	24,418	66,587	3,198	184,478	323,433	137,371	18	84	14,553	89,232	147,880

TABLE 3. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON TOTAL EMPLOYED, 1966 AND 1967

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000			\$'000		
1966													
Under 5 employed	22	41	81	134	20	737	1,442	712	11	41	58	216	733
5- 14 "	28	160	344	652	52	2,450	4,826	2,434	5	22	226	1,057	2,469
15- 49 "	28	544	1,155	2,186	131	5,172	10,275	5,161	-	-	704	3,148	5,609
50- 99 "	11	606	1,300	2,561	147	7,257	14,345	7,425	2	51	808	3,919	8,161
100-199 "	4	429	906	1,542	105	4,517	9,877	4,953	-	-	531	2,147	5,265
200-499 "	6	1,516	3,298	6,927	326	24,512	42,307	18,061	-	-	1,887	9,356	19,533
500 employed and over	6	8,036	17,164	50,213	2,294	145,554	245,260	101,869	-	-	10,042	64,034	109,068
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	242	1,375	...
Totals	105	11,332	24,248	64,216	3,074	190,199	328,332	140,615	18	114	14,498	85,252	150,839
1967													
Under 5 employed	21	32	62	101	12	402	867	465	10	37	49	169	494
5- 14 "	33	199	422	848	53	2,776	5,180	2,456	6	24	264	1,248	2,525
15- 49 "	33	657	1,424	2,977	188	7,724	15,295	7,608	-	-	860	4,288	8,303
50- 99 "	7	397	865	1,862	96	6,510	13,093	6,602	2	24	520	2,718	6,685
100-199 "	8	813	1,695	3,342	194	10,141	18,033	8,405	-	-	1,025	4,837	9,120
200-499 "	4	870	1,823	3,955	231	9,759	18,758	8,730	-	-	1,148	5,707	9,728
500 employed and over	7	8,339	18,128	53,503	2,423	147,166	252,208	103,106	-	-	10,206	66,937	111,197
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	483	3,328	(136)
Totals	113	11,307	24,418	66,587	3,198	184,478	323,433	137,371	18	84	14,553	89,232	147,880

TABLE 4. EMPLOYMENT AND PAYROLL, 1966 AND 1967

Year and province	Employees									Salaries and wages					
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
	number									\$'000					
<u>1966</u>															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	x	-	-	-	x	x	-	-	x	x	x	-	x	-	x
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	x	-	-	-	x	x	-	-	x	x	x	-	x	-	x
Quebec	483	-	1	-	63	16	35	-	582	16	1,843	5	457	254	2,560
Ontario	8,820	46	2	-	1,743	416	230	53	10,795	515	54,536	6	14,696	1,743	70,981
Manitoba	1,422	3	-	-	129	57	58	8	1,609	68	5,466	-	1,356	485	7,308
Saskatchewan	211	-	-	-	45	17	71	17	327	34	991	-	381	521	1,893
Alberta	313	-	5	-	66	18	87	19	471	37	1,260	16	452	620	2,347
British Columbia	10	-	-	-	5	2	-	-	15	2	41	-	33	-	74
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	11,283	49	8	-	2,052	528	481	97	13,824	674	64,216	27	17,387	3,622	85,252
<u>1967</u>															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	x	-	-	-	x	x	-	-	x	x	x	-	x	-	x
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	x	-	-	-	x	x	-	-	x	x	x	-	x	-	x
Quebec	505	-	-	-	63	19	42	-	610	19	1,948	-	412	353	2,713
Ontario	8,452	40	-	-	1,785	403	218	63	10,455	506	54,775	-	15,422	1,911	72,108
Manitoba	1,684	8	-	-	150	68	59	11	1,893	87	7,084	-	1,590	558	9,232
Saskatchewan	230	-	-	-	52	15	66	15	348	30	1,145	-	496	562	2,200
Alberta	296	-	-	-	62	19	94	18	452	37	1,287	-	457	736	2,479
British Columbia	x	-	-	-	x	x	x	-	x	x	x	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	11,259	48	-	-	2,127	530	482	107	13,868	685	66,587	-	18,496	4,148	89,232

TABLE 5. INVENTORIES, 1967

Province	Manufacturing				Non-manufacturing
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	
	book value \$'000				
<u>Opening</u>					
Newfoundland	-	-	-	-	-
Prince Edward Island	x	-	-	x	-
Nova Scotia	-	-	-	-	-
New Brunswick	x	x	x	x	-
Quebec	837	263	983	2,083	5
Ontario	17,612	30,197	10,284	58,092	10
Manitoba	3,321	3,527	2,760	9,608	139
Saskatchewan	832	77	912	1,821	41
Alberta	799	191	971	1,961	312
British Columbia	x	-	x	x	-
Yukon and Northwest Territories	-	-	-	-	-
Totals	23,669	34,299	16,094	74,062	10,655
<u>Closing</u>					
Newfoundland	-	-	-	-	-
Prince Edward Island	x	-	x	x	-
Nova Scotia	-	-	-	-	-
New Brunswick	x	x	x	x	-
Quebec	894	177	1,016	2,087	5
Ontario	12,418	28,645	9,771	50,835	10,855
Manitoba	4,913	5,771	3,605	14,288	116
Saskatchewan	825	379	879	2,083	101
Alberta	903	237	1,117	2,256	397
British Columbia	x	-	x	x	-
Yukon and Northwest Territories	-	-	-	-	-
Totals	20,635	35,279	16,727	72,642	11,474

TABLE 6. PURCHASED FUEL AND ELECTRICITY USED, 1966 AND 1967

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
<u>1. Large establishments reporting commodity detail</u>				
Bituminous coal:				
(a) From Canadian mines	ton	48	-	-
(b) Imported	"	33,409	33,960	350
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	150	150	2
Lignite coal	"	147	-	-
Coke	"	77	2	795
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	743,108	272	765,661
Fuel oil including kerosene or coal oil	"	4,639,156	446	4,575,733
Wood	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	111,264	23	147,287
(b) Other manufactured gas	M cu. ft.	-	-	-
(c) Natural gas	"	1,061,072	724	1,236,503
Other fuel		-	-	10
Electricity purchased	kwh.	130,278,942	1,192	145,283,198
Steam purchased		-	-	-
<u>2. Small establishments not reporting commodity detail</u>				
Estimate for fuel and electricity		86		75
<u>3. All establishments</u>				
Total fuel and electricity used		3,074		3,198

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
<u>1. Large establishments reporting commodity detail:</u>				
Materials used:				
Iron:				
Pig iron, all grades	ton	12,006	745	14,828
Castings (rough and semi-finished received from foundry):				
Iron (gray and malleable)	"	38,959	10,702	32,602
Steel	"	5,603	1,764	5,553
Steel, hot or cold rolled (except special alloy steel):				
Bars	"	79,814	13,524	82,670
Plates	"	18,398	2,755	18,622
Sheets, plain	"	70,620	10,040	37,372
Sheets, galvanized	"	11,219	1,791	34,522
Strip	"	5,902	940	4,849
Structural shapes (angles, channels, etc.)	"	13,707	2,260	12,391
Wire	"	909	196	1,313
Scrap iron and steel of all kinds		473		190
Pipe, tubing and fittings of iron and steel		5,264		5,590
Other iron and steel (except finished parts)		13,527		2,146

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Concluded

Description	1966		1967		
	Quantity	Cost \$'000	Quantity	Cost \$'000	
1. Large establishments reporting commodity detail - Concluded:					
Materials used - Concluded:					
Alloy steel:					
Carbon and alloy tool steels, including high-speed .....	...	28	...	34	
Stainless steels .....	...	469	...	610	
Other alloy steels .....	...	1,043	...	1,028	
Ferro-alloys .....	...	40	...	59	
Non-ferrous metals (all forms, including scrap):					
Aluminum:					
Castings	pound	649,316	347	652,403	454
Sheet	"	145,700	79	54,900	33
Other forms	"	85,987	31	73,202	19
Brass and bronze	"	266,025	170	207,800	132
Lead	"	6,000	1	13,000	2
Zinc	"	462,492	84	640,895	115
Rabbit metal and solder	"	55,577	46	71,250	64
Other non-ferrous metals .....	...	...	309	...	246
Other materials and supplies:					
Paints, oils and varnishes .....	...	...	1,641	...	1,615
Foundry coke (used in cupols, not for heat or power)	ton	3,364	132	2,718	109
Foundry sands	"	4,677	46	4,155	42
Lumber	M ft. b.m.	3,320	429	1,360	242
Fireclay	ton	660	16	488	11
Cupola blocks and firebrick .....	...	...	74	...	66
Core oil	Imp. gal.	15,384	13	11,504	9
All other materials and components used .....	...	...	108,082	...	113,860
2. Small establishments not reporting commodity detail .....	...	...	3,780	...	3,374
3. Containers other packaging materials and supplies used:					
Folding and set-up boxes, paperboard .....	...	...	19	...	29
Corrugated boxes and cartons .....	...	...	74	...	66
Wooden boxes, crates, barrels and kegs .....	...	...	52	...	64
Paper, all kinds .....	...	...	4	...	7
Labels, tags and printed wrappers .....	...	...	8	...	12
All other .....	...	...	833	...	714
4. Operating, maintenance and repair supplies used (excluding fuel) .....	...	...	6,842	...	8,367
5. Amount paid and to others for work done on materials owned by establishments .....	...	...	1,525	...	1,836
Totals .....	...	...	190,199	...	184,478

TABLE 8. SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967

Description	1966		1967	
	Quantity	Value	Quantity	Value
	No.	\$'000	No.	\$'000
1. Products:				
Planting, seeding and fertilizing machinery:				
Corn planters, tractor-drawn and tractor-mounted .....	...	(1)	-	-
Transplanters .....	...	(1)	...	(1)
Grain and fertilizer drills (combination) .....	...	(1)	...	(1)
Grain drills, plain and press .....	...	(1)	-	-
Manure spreaders .....	...	(1)	...	(1)
All other planting, seeding and fertilizing machines .....	...	13,852	...	14,292
Plows:				
Mouldboard plows, tractor-drawn or tractor-mounted	(2)	(2)	(2)	(2)
Disc plows, tractor-drawn	-	-	-	-
Diskers (flexible gang)	(2)	(2)	4,580	4,790
All other plows .....	...	11,354	...	6,490
Tilling, cultivating and weeding machines:				
Harrowes:				
Drag (sections)	33,907	522	48,908	625
Spring-tooth (sections)	4,255	217	18,202	887
Disc, tractor-drawn or mounted	6,637	2,305	(3)	(3)
Soil packers	7,403	693	7,605	728
Field cultivators:				
Tractor-drawn	19,796	10,022	21,867	12,437
Tractor-mounted .....	...	(3)	...	(3)
Rod weeders	3,475	2,311	2,868	2,349
Other tilling, cultivating and weeding machines .....	...	2,866	...	7,683
Haying machinery:				
Mowers, tractor-drawn or mounted .....	...	(4)	...	(4)
Side rakes and tedders .....	...	(4)	...	(4)
All other haying machinery (including hay balers, hay carriers, etc.) .....	...	15,864	...	13,902
Harvesting machinery:				
Combine reaper-threshers and stationary threshers .....	...	(5)	16,842	83,183
Swathers and windrowers	17,023	25,402	16,003	28,576
Potato diggers, horse or tractor-drawn .....	...	(8)	...	(8)
All other harvesting machines (including headers, push harvesters) .....	...	14,264	...	7,251
Machines for preparing crops for market or use:				
Grain grinders	684	184	(6)	(6)
Fanning mills or grain cleaners	565	731	601	1,183
Hammermills .....	...	(6)	318	114
Grain elevators	9,810	2,004	8,352	1,899
All other machines for preparing crops for market or use .....	...	377	...	449
Spraying and dusting equipment:				
All types (including attachments) .....	...	2,678	...	2,645
Farm wagons, trucks and sleighs:				
Wagon boxes .....	...	(7)	...	(7)
Wagon gears (standard)	24,391	3,888	22,949	3,821
Forage boxes	3,001	356	2,794	384
All other farm wagons, sleighs and trucks .....	...	211	...	161
Dairy machinery and equipment, including cream separators, milking machines, etc. ....	...	(5)	...	(5)
Miscellaneous farm implements and machinery .....	...	114,865	...	24,012
Parts and accessories for farm implements and machinery .....	...	21,463	...	24,308
Total farm machinery and parts .....	...	246,329	...	242,169
All other products .....	...	81,538	...	80,819
2. Amount received in payment for work done on materials and products owned by others				
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(305)	...	(423)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	328,352	...	323,433

- (1) Included with "All other planting, seeding and fertilizing machinery".
- (2) Included with "All other plows".
- (3) Included with "Other tilling, cultivating and weeding machines".
- (4) Included with "All other haying machinery".
- (5) Included with "Miscellaneous farm implements and machinery".
- (6) Included with "All other machines for preparing crops".
- (7) Included with "All other farm wagons".
- (8) Included with "All other harvesting machines".

TABLE 9. SHIPMENTS OF SELECTED GOODS OF OWN MANUFACTURE - ALL INDUSTRIES, 1966 AND 1967
(includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

A. Plows

Year	Number	Value	Year	Number	Value
		\$'000			\$'000
1963	x	x	1966 .....	..	6,209
1964	x	x	1967 .....	..	6,490
1965	x	x			

B. Harrow (drag and disc)

Year	Number	Value	Year	Number	Value
		\$'000			\$'000
1963	65,304	2,991	1966	44,799	3,045
1964	x	x	1967	75,895	6,002
1965	56,397	3,015			

C. One-way Discs, Harrow-plows and Tiller-combines

Year	Number	Value	Year	Number	Value
		\$'000			\$'000
1963	7,237	5,362	1966	5,309	5,146
1964	7,729	6,649	1967	4,580	4,790
1965	8,002	7,008			

D. Cultivators

Year	Number	Value	Year	Number	Value
		\$'000			\$'000
1963	15,697	5,037	1966	25,997	11,931
1964	17,107	6,822	1967	26,877	14,187
1965	22,187	10,198			

E. Rod Weeders

Year	Number	Value	Year	Number	Value
		\$'000			\$'000
1963	5,881	2,193	1966	3,537	2,356
1964	4,839	2,184	1967	2,910	2,381
1965	6,408	2,928			

F. Factory Shipments of Agricultural Implements and Parts, 1963-67

Year	Factory shipments	Year	Factory shipments
	\$'000		\$'000
1963	155,029	1966	258,715
1964	190,927	1967	259,208
1965	220,476		

Note: In Table 9F Shipments values are computed at factory selling prices.

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1967

(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

Name	Location
<u>Prince Edward Island</u>	
Allen, Donald S.	West Cove Head
Stewart, Bruce Ltd.	Lower Water St., Charlottetown
<u>New Brunswick</u>	
Thomas Equipment Ltd.	Centreville
<u>Quebec</u>	
Delorme, Hector & Fils Inc.	Farnham
Denjardins Limitée	St-André-de-Kamouraska
Dion Frères Inc.	Ste-Thérèse-de-Blainville
Houle & Fils Inc.	St-Jean-de-Wickham
LaCie Hydraulic Vincent Ltée	St. Valerien
La Cie R.A. Lajoie Ltée	St-Pie
La Compagnie Jutras Ltée	Victoriaville
La Machinerie Idéale Cie Ltée	Ville-St-Césaire
Lemay, Armand & Fils Ltée	St-Basile-le-Grand
Machinerie Iberville Cie Ltée	R.R. 2, Iberville
Sefeway Farm Equipment Co. Limited	Rougemont
Ventilateur Victoria Ltée	109 boul. Gamache, Victoriaville
<u>Ontario</u>	
Baertsoen Manufacturing Ltd.	R.R. 5, Avonlea
Balthe's Farm Equipment Mfg. Ltd.	Tillsonburg
Bauman Metal Products	West Montrose
Blenheim Manufacturing Ltd.	Blenheim
Canadian Hydroponics Ltd.	Tillsonburg
Cockshutt Farm Equipment of Canada Ltd.	Brantford
Dethos Ltd.	Simcoe
Deere, John Welland Works of John Deere Limited	Welland
De Laval Company Limited	Peterborough
Deihi Foundry & Farm Machinery Limited	Delhi
Eagle Tie Machine Co.	530 Adelaide St., London
Enright Metal Products	Preston
Grayco Potato Harvesters Ltd.	Heidelberg
Groh's Cooler Limited	Preston
Harris Manufacturing	Jarvis
Incor Farm Equipment	Clifford
International Harvester Co. of Canada Ltd.	Hillyard St., Hamilton
Jackson's Manufacturing & Machinery Ltd.	Tillsonburg
Jamesway Co. Limited	Preston
Kelvin - Thompson Co. Ltd., The	St. Mary's
Langeman's Manufacturing Ltd.	Leamington
Lilliston - Canada Ltd.	1444 Speer Rd., Oakville
Lobsinger Bros. Ltd.	Mildmay
Martin Elam M.	Wallenstein
Martin Metais	R.R. 2, Waterloo
McEwan - Tougaro Industries Ltd.	Bracebridge
McKee Bros. Ltd.	Elmira
Massey Ferguson Industries Ltd.	915 King St. W., Toronto 3
Massey Ferguson Industries Ltd. (Verity Plant)	Brantford
Massey Ferguson (Brantford) Ltd.	Brantford
National Ideal Co., The	290 Hamilton Rd., New Hamburg
Prometals Limited	Dutton
Rittenhouse, M.R. & Sons Limited	Jordan Station
Sedore, Ernest & Son	Mount Albert
Smale, W.R. Co. Ltd.	Mossley
Snyder, G.H.	Copetown
South Shore Mfg. Co. Ltd.	West Lorne
Swanson Sprayer Mfg.	Clarksburg
Tomen Manufacturing Co. Ltd.	Hwy. 40, Chatham
Turnco Ltd.	201 Marlborough St., Blenheim
White Geo. & Sons Co. Ltd.	Cabell St., London
<u>Manitoba</u>	
Agristeel Ltd.	214 Main St., Minnedosa
Canadian Co-operative Implements Ltd.	601 Bowman Ave., East Kildonan
Cascade Brothers Ltd.	Richmond Ave., Brandon
Continental Distributors	501 Furby St., Winnipeg
Forever Industries Limited	1006 Nairn Ave., Winnipeg
Imperial Steel Products Ltd.	901 Madison St., Winnipeg
Inland Steel & Forgings (1962) Ltd.	675 Washington Ave., Winnipeg
Jones, C. & J. Ltd.	235 Archibald St., St. Boniface
Kendon Equipment Co.	500 Jarvis Ave., Winnipeg

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1967 - Concluded

Name	Location
<u>Manitoba - Concluded</u>	
Killbery Industries Ltd.	616 Rosebery St., St. James
Loewen Mfg. Co. Ltd.	Altona
Malco Mfg. Div. of Alco Equipment Ltd.	50 Panet Rd., St. Boniface
Markwill Industries Ltd.	2477 Day St., Winnipeg 25
Morris Welding & Iron Works Ltd.	Hwy. 75, Morris
Northern Equipment Limited	Portage La Prairie
S.S. Manufacturing Ltd.	5 Chester St., Winnipeg
Simon-Day Ltd. (Hart Emerson Simon Div.)	1425 Whyte Ave., Winnipeg
Standard Gas Engine Works Limited	Morden
Universal Machinery & Engineered Products (1964) Ltd.	Waverley St., Winnipeg
Versatile Mfg. Ltd.	1260 Clarence Ave., Fort Garry
Westfield Industries Ltd.	Morris
<u>Saskatchewan</u>	
Bergen Manufacturing Ltd.	Drake
Brandt Machine & Mfg. Ltd.	705 Toronto St., Regina
Brown Industries Ltd.	Drinkwater
Bussière, R. & Sons Rockomatic Ltd.	Vonda
Craik Mfg. Co. Ltd.	Craik
Crown Implement Mfns. Ltd.	340 Industrial Drive, Sherwood
Dalcon Industries Ltd.	Lethbridge
Delgelman Industries Ltd.	480 Industrial Drive, Sherwood
Doepker Industries Ltd.	Annaheim
Flexi-Coil Dist. Ltd.	2326 Miller Ave., Saskatoon
Flexi-Coil Land Packers Ltd.	2326 Miller Ave., Saskatoon
Fibro Industries Ltd.	410 Quebec St., Regina
Imperial Welding & Machine Ltd.	Imperial
Ingham Industries Ltd.	Lanigan
Morris Rod Wedder & Co. Ltd.	Yorkton
Nodge Manufacturing Co.	Swift Current
Rea Manufacturing Ltd.	Swift Current
<u>Alberta</u>	
Cavaller Manufacturing Co. Ltd.	Black Diamond
Craig's Manufacturing Ltd.	Morinville
Diamond Manufacturing Co. Ltd.	Claresholm
Edwards Rod Weeder Ltd.	3102 - 5th Ave. N., Lethbridge
Farm Line Mach. Co. Ltd.	5424 - 45th St., Red Deer
Flexa-Hoppers Ltd.	Welling
Golden Arrow Manufacturing Ltd.	111 - 17th Street S.E., Calgary
Hanna Manufacturing Ltd.	Hanna
Kirchner Machine Ltd.	Lethbridge
McCoy-Renn Mfg. Ltd.	419 - 34th S.E., Calgary
Noble Cultivators Ltd.	Nobleford
Pilon Industries Ltd.	Carstairs
Perfection Chaffers Mfg.	Raymond
Rotary Plow Co. Ltd.	4518 - 6th St. N.E., Calgary
Success Automatic Land Leveller Co. Ltd.	Medicine Hat
Victory Equipment Ltd.	Lethbridge
Williamson Mfg. Ltd.	Red Deer
<u>British Columbia</u>	
A & S Manufacturing Ltd.	R.R. 1., Winfield
Okanagan Turbo Sprayers Ltd.	Penticton
Yeomans-Hauff Ltd.	Summerland

NOTES TO USERS

1. The detailed explanations of "Concepts and Definitions" omitted from this report may be consulted in any 1965 report in this series. If not available to the user, the relevant pages may be obtained free of charge from the Manufacturing and Primary Industries Division of the Bureau.
2. Tables on principal statistics classified by manufacturing value added, by total value added, and by type of organization, published in the 1966 report as Tables 3, 4 and 6, respectively, have been omitted from this report because of their limited interest. They are available, however, from the Manufacturing and Primary Industries Division. In the case of an extensive request involving a large number of industries, it may be necessary to levy a charge.
3. Users interested in obtaining the value of production (manufacturing activity) can do so by adding cost of materials and supplies used (manufacturing activity), cost of fuel and electricity, and value added (manufacturing activity). The resulting statistic is equivalent in concept to "gross output" shown in Table 7 of the 1966 report.

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