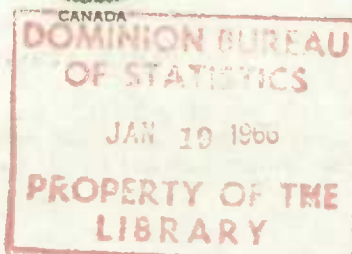


CATALOGUE No.

33-202

ANNUAL



LEATHER TANNERIES

1963

ANNUAL CENSUS OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

January 1966
6521-601

Price: 50 cents

PUBLICATIONS

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LEATHER TANNERIES

1963

In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in tanning, currying and finishing leather of all types, such as sole and belt leather; bookbinders' leather; glove, harness, bag, strap and upholstery leather".

Tables 6 and 7, respectively, show in detail the materials and supplies used in manufacturing and the shipments of goods of own manufacture by the industry. Tables 7 A and 7 B present the shipments of the various types of leather produced by this industry for the years 1952 to 1963, inclusive. Table 8 gives some details of the custom tanning carried out by the firms in this industry for the years 1962 and 1963.

A list of the establishments classified to this industry in the 1963 survey will be found at the end of this report.

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.
- ▮ preliminary figures.
- ’ revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1 A. Principal Statistics classified by Province, 1962 and 1963

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1961													
Totals	45	3,130	6,694	11,256	1,081	38,409	57,955	19,541	10	25	3,654	14,142	19,886
1962													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	15	455	1,016	1,567	108	4,084	7,200	3,065	5	14	507	1,890	3,085
Ontario	22	2,558	5,523	9,607	944	32,508	50,397	15,560	x	x	2,862	11,692	15,843
Manitoba	2	146	291	477	42	1,815	2,819	1,030	x	x	169	632	1,035
Saskatchewan	—												
Alberta	2												
British Columbia	2												
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	43	3,159	6,830	11,651	1,094	38,407	60,416	19,655	8	21	3,538	14,215	19,964
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	14	441	974	1,566	134	3,762	7,003	3,178	4	12	498	1,919	3,186
Ontario	21	2,456	5,265	9,475	913	26,543	47,924	18,783	x	x	2,759	11,454	18,704
Manitoba	2	145	298	497	43	1,576	2,850	1,175	x	x	168	653	1,176
Saskatchewan	—												
Alberta	2												
British Columbia	2												
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	41	3,042	6,536	11,538	1,090	31,882	57,777	23,116	7	22	3,425	14,026	23,066

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000.....	3	—	—	—	1	5	16	10	3	5	—	1	10
\$ 10,000 to \$ 24,999.....	3	7	15	20	3	37	79	44	3	7	7	20	44
25,000 " 49,999.....	5	33	72	114	12	249	456	194	2	8	39	152	203
100,000 " 199,999.....	12	282	600	877	69	2,220	4,228	1,902	—	—	329	1,133	1,922
200,000 " 499,999.....	4	188	409	613	58	2,278	3,422	1,150	—	—	206	718	1,144
500,000 " 999,999.....	12	1,302	2,931	4,913	452	15,040	24,857	7,969	—	—	1,421	5,558	7,969
1,000,000 " 4,999,999.....	4	1,347	2,803	5,113	499	18,579	27,358	8,387	—	—	1,499	6,281	8,694
5,000,000 and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	37	352	(22)
Totals	43	3,159	6,830	11,651	1,094	38,407	60,416	19,655	8	21	3,538	14,215	19,964
1963													
Under \$10,000.....	5	5	11	16	1	50	88	42	5	12	5	16	42
\$ 10,000 to \$ 24,999.....	5	39	81	128	16	261	524	258	2	10	45	168	260
25,000 " 49,999.....	12	274	578	877	79	2,177	4,229	2,001	—	—	325	1,162	2,010
50,000 " 99,999.....	4	175	374	584	57	1,725	2,986	1,143	—	—	192	690	1,139
100,000 " 199,999.....	12	1,422	3,193	5,533	519	15,596	28,113	10,865	—	—	1,563	6,347	10,842
200,000 " 499,999.....	3	1,127	2,298	4,399	418	12,074	21,837	8,806	—	—	1,256	5,292	8,798
500,000 " 999,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	39	351	(25)
Totals	41	3,042	6,536	11,538	1,090	31,882	57,777	23,116	7	22	3,425	14,026	23,066

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000.....	4	1	3	4	1	8	26	17	4	7	1	5	17
\$ 10,000 to \$ 24,999.....	3	7	15	19	2	69	119	52	3	9	7	20	52
25,000 " 49,999.....	3	20	44	69	7	133	256	118	1	5	24	94	127
50,000 " 99,999.....	3	53	109	162	12	435	665	203	—	—	59	200	202
100,000 " 199,999.....	8	187	397	580	54	1,661	2,951	1,216	—	—	217	758	1,213
200,000 " 499,999.....	11	573	1,246	1,894	193	6,296	11,535	3,654	—	—	658	2,341	3,665
500,000 " 999,999.....	5	599	1,345	2,372	205	7,106	10,901	3,733	—	—	645	2,661	3,725
1,000,000 " 4,999,999.....	6	1,719	3,672	6,551	620	22,699	33,963	10,662	—	—	1,890	7,783	10,986
5,000,000 and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	37	352	(22)
Totals	43	3,159	6,830	11,651	1,094	38,407	60,416	19,655	8	21	3,538	14,215	19,964
1963													
Under \$10,000.....	5	5	11	16	1	50	88	42	5	12	5	16	42
\$ 10,000 to \$ 24,999.....	3	13	29	45	7	118	224	104	2	10	14	51	104
25,000 " 49,999.....	4	76	153	205	18	439	810	347	—	—	86	281	349
50,000 " 99,999.....	8	167	353	560	50	1,575	2,823	1,218	—	—	197	738	1,212
100,000 " 199,999.....	8	356	773	1,163	120	3,313	6,072	2,583	—	—	401	1,418	2,593
200,000 " 499,999.....	7	759	1,670	2,966	296	8,367	14,307	5,280	—	—	846	3,447	5,261
500,000 " 999,999.....	6	1,666	3,549	6,583	597	18,019	33,453	13,542	—	—	1,837	7,724	13,543
1,000,000 " 4,999,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	39	351	(25)
Totals	41	3,042	6,536	11,538	1,090	31,882	57,777	23,116	7	22	3,425	14,026	23,066

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000							\$'000		\$'000	
1962													
Under \$10,000.....	4	1	3	4	1	8	26	17	4	7	1	5	17
\$ 10,000 to \$ 24,999.....	5	15	24	52	8	157	282	124	4	14	16	58	123
25,000 " 49,999.....	4	65	133	198	13	480	757	249	—	—	74	256	257
50,000 " 99,999.....	8	187	397	580	54	1,661	2,951	1,216	—	—	217	758	1,213
100,000 " 199,999.....	11	573	1,246	1,894	193	6,296	11,535	3,654	—	—	658	2,341	3,665
200,000 " 499,999.....	5	599	1,345	2,372	205	7,106	10,901	3,733	—	—	645	2,661	3,725
500,000 " 999,999.....	6	1,719	3,672	6,551	620	22,699	33,963	10,662	—	—	1,890	7,783	10,986
1,000,000 " 4,999,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	37	352	(22)
Totals	43	3,159	6,830	11,651	1,094	38,407	60,416	19,655	8	21	3,538	14,215	19,964
1963													
Under \$10,000.....	5	5	11	16	1	50	88	42	5	12	5	16	42
\$ 10,000 to \$ 24,999.....	3	13	29	45	7	118	224	104	2	10	14	51	104
25,000 " 49,999.....	4	76	153	205	18	439	810	347	—	—	86	281	349
50,000 " 99,999.....	8	167	353	560	50	1,575	2,823	1,218	—	—	197	738	1,212
100,000 " 199,999.....	6	356	773	1,163	120	3,313	6,072	2,583	—	—	401	1,418	2,593
200,000 " 499,999.....	7	759	1,670	2,966	296	8,367	14,307	5,280	—	—	846	3,447	5,261
500,000 " 999,999.....	6	1,666	3,549	6,583	597	18,019	33,453	13,542	—	—	1,837	7,724	13,529
1,000,000 " 4,999,999.....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	39	351	(25)
Totals	41	3,042	6,536	11,538	1,090	31,892	57,777	23,116	7	22	3,425	14,026	23,066

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000							\$'000		\$'000	
1962													
Under 5 employed.....	7	8	17	24	4	77	145	69	7	15	8	25	69
5- 14 ".....	3	20	46	74	11	169	314	134	1	5	23	92	133
15- 49 ".....	15	366	778	1,152	91	3,222	5,781	2,472	—	—	423	1,472	2,497
50- 99 ".....	7	442	951	1,499	183	5,152	9,455	2,706	—	—	507	1,890	2,698
100-199 ".....	6	762	1,744	2,947	234	8,415	13,239	4,711	—	—	813	3,213	4,705
200-499 ".....	5	1,561	3,295	5,954	571	21,372	31,484	9,564	—	—	1,727	7,171	9,884
500 employed and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	37	352	(22)
Totals	43	3,159	6,830	11,651	1,094	38,407	60,416	19,655	8	21	3,538	14,215	19,964
1963													
Under 5 employed.....	5	5	11	16	1	50	88	42	5	12	5	16	42
5- 14 ".....	3	13	29	45	7	118	224	104	2	10	14	51	104
15- 49 ".....	17	415	865	1,334	124	3,507	6,634	2,986	—	—	482	1,737	2,994
50- 99 ".....	4	253	553	839	88	2,761	4,574	1,689	—	—	285	1,041	1,657
100-199 ".....	6	1,018	2,282	4,034	377	11,190	20,219	7,850	—	—	1,122	4,625	7,828
200-499 ".....	4	1,338	2,796	5,270	492	14,236	26,037	10,445	—	—	1,478	6,205	10,437
500 employed and over.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units.....	—	—	—	—	—	—	—	—	—	—	39	351	(25)
Totals	41	3,042	6,536	11,538	1,090	31,892	57,777	23,116	7	22	3,425	14,026	23,066

TABLE 1 F. Principal Statistics classified by Type of Organization, 1962 and 1963

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1962													
Individual ownerships	8	12	27	41	5	120	233	112	8	21	12	42	111
Partnerships	—	—	—	—	—	—	—	—	—	—	—	—	—
Incorporated companies	35	3,147	6,803	11,609	1,089	38,287	60,184	19,543	...	...	3,489	13,821	19,875
Cooperatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	37	352	(22)
Totals	43	3,159	6,830	11,651	1,094	38,407	60,416	19,655	8	21	3,538	14,215	19,964
1963													
Individual ownerships	7	13	27	39	4	124	233	112	7	22	13	40	112
Partnerships	—	—	—	—	—	—	—	—	—	—	—	—	—
Incorporated companies	34	3,029	6,509	11,498	1,086	31,758	57,544	23,004	...	...	3,373	13,635	22,979
Cooperatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	39	351	(25)
Totals	41	3,042	6,536	11,538	1,090	31,882	57,777	23,116	7	22	3,425	14,026	23,066

TABLE 2. Industry Output, Input and Value Added, 1962 and 1963

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
	\$'000					
Output						
1. Shipments and other revenue	60,416	57,777	2,084	212	62,500	57,989
Inventories—Goods of own manufacture:						
Add closing—Goods in process	5,994	4,735	...	...	5,994	4,735
Finished goods	3,480	3,152	...	...	3,480	3,152
Less opening—Goods in process	6,669	6,062	...	...	6,669	6,062
Finished goods	4,065	3,514	...	...	4,065	3,514
2. Net inventory change	(1,260)	(1,689)	...	...	(1,260)	(1,689)
3. Gross output (1 + 2)	59,157	56,087	2,084	212	61,241	56,299
Input						
4. Purchases of goods not of own manufacture .....	...	...	1,346	146	1,348	146
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	444	108	444	108
Less closing .....	...	...	108	86	108	86
5. Cost of goods sold (not of own manufacture) .....	...	...	1,684	168	1,684	168
6. Materials, supplies, components and semi-processed goods	38,407	31,882	91	94	38,498	31,976
7. Fuel and electricity	1,094	1,090	...	...	1,094	1,090
8. Gross input (5 + 6 + 7)	39,501	32,972	1,775	262	41,276	33,234
Census value added (3-8)	19,655	23,116	308	(50)	19,964	23,066

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Admin- istra- tive and office	Sales and distri- bution	Total salaries and wages
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	number										\$'000				
1962															
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	423	32	—	—	35	11	6	—	464	43	1,567	—	308	15	1,690
Ontario	2,313	245	—	—	169	84	41	10	2,523	339	9,607	—	1,709	376	11,692
Manitoba	122	24	—	—	12	5	5	1	139	30	477	—	102	54	632
Saskatchewan															
Alberta															
British Columbia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,858	301	—	—	216	100	52	11	3,126	412	11,651	—	2,119	445	14,215
1963															
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	411	30	—	—	32	11	14	—	457	41	1,566	—	303	50	1,919
Ontario	2,228	228	—	—	182	77	40	4	2,450	309	9,475	—	1,776	202	11,454
Manitoba	123	22	—	—	13	4	5	1	141	27	497	—	104	52	653
Saskatchewan															
Alberta															
British Columbia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,762	280	—	—	227	92	59	5	3,048	377	11,536	—	2,183	305	14,026

TABLE 3 A. Production and Related Workers,—Manufacturing Activity, by Months, 1962 and 1963

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	2,950	329	2,886	297
February	2,897	320	2,864	299
March	2,848	311	2,778	295
April	2,837	305	2,698	278
May	2,749	295	2,681	283
June	2,860	290	2,719	277
July	2,760	275	2,708	269
August	2,866	288	2,758	286
September	2,871	290	2,715	272
October	2,866	294	2,748	271
November	2,911	292	2,790	278
December	2,885	300	2,789	265
Average for establishments reporting monthly detail (collected only for large establishments)	2,858	301	2,762	280
Average for small establishments (only annual averages collected) .....	...	...	...	...
Average for all establishments	2,858	301	2,762	280

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	511	456	246	1,213	40	1,253
Ontario	3,365	5,376	3,141	11,881	67	11,949
Manitoba	122	231	128	481	—	481
Saskatchewan						
Alberta						
British Columbia						
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	3,998	6,062	3,514	13,575	108	13,683
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	438	482	291	1,210	29	1,239
Ontario	2,564	4,073	2,739	9,377	56	9,433
Manitoba	121	180	122	423	—	423
Saskatchewan						
Alberta						
British Columbia						
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	3,123	4,735	3,152	11,018	86	11,096

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	11,921	132	11,670
(b) Imported	"	28,592	359	17,485
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	—	—	—
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks) ..	Imp. gal.	45,699	16	33,165
Fuel oil including kerosene or coal oil	"	1,999,534	174	3,196,457
Wood	cord	837	4	167
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	2,492	1	2,131
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	59,035	24	77,384
Other fuel		—	—	—
Electricity purchased	kwh.	28,674,297	341	27,436,273
Steam purchased		—	35	—
2. Estimate for small establishments:				
Fuel and electricity		9	—	10
3. All establishments:				
Total fuel and electricity used		1,094	—	1,090

TABLE 6. Materials and Supplies - Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used:				
Hides and skins:				
Cattle - Imports	No. 640,337	22,307	581,008	16,753
Domestic	1,753,341		1,781,235	
Total weight	lb. 131,447,382		131,853,039	
Calf and kip - Imports	No. 249,331	3,645	226,128	2,089
Domestic	220,754		145,900	
Total weight	lb. 6,520,063		5,138,166	
Sheep (pickled) - Imports	doz. 23,053	494	14,293	550
Domestic	32,753		40,628	
Total weight	lb. 1,558,080		1,487,530	
Sheep (wool on) - Imports	doz. 13,092	422	13,986	403
Domestic	-		-	
Total weight	lb. 1,200,000		1,150,000	
Goat - Imports	doz. 9,054	95	8,569	92
Domestic	-		-	
Total weight	lb. 74,269		70,077	
Horse	" 1,720,980	244	1,556,000	252
Other hides and splits .....	...	1,512	...	1,358
Tanning materials:				
Tanning extracts:				
Chestnut	lb. 1,479,316	143	1,570,711	161
Chrome	" 4,855,747	549	4,222,473	513
Quebracho	" 6,323,367	526	8,395,000	573
Wattle	" 1,804,760	150	1,569,697	155
Other tanning extracts .....	...	101	...	120
Synthetic tans .....	...	353	...	296
Oils and greases:				
Cod oil (including sulphonated)	lb. 1,303,164	168	1,272,647	172
Other fish oils	" 868,187	167	1,065,781	208
Neat's-foot oil	" 548,826	136	550,684	134
Other animal oils	" 450,345	108	564,111	154
Vegetable oils	" 269,410	61	322,819	64
Mineral oils	" 956,956	50	1,330,097	55
Other oils and greases .....	...	398	...	386
Chemicals and dyes:				
Bichromate of soda	lb. 2,458,566	321	3,008,377	356
Formic acid	" 378,690	55	502,359	78
Lime	" 10,260,497	112	10,532,595	119
Magnesium sulphate (Epsom salts)	" 824,000	23	871,910	27
Oxalic acid	" 196,204	34	224,246	37
Salt	" 16,121,945	167	13,777,726	180
Sodium acetate	" 85,665	13	54,504	9
Sodium bicarbonate	" 978,496	39	878,370	57
Sodium bisulphite	" 567,351	35	570,405	36
Sodium hyposulphite (thiosulphate)	" 796,835	44	855,601	43
Sodium sulphide	" 1,642,771	124	1,767,372	143
Sugar	" 1,144,305	85	1,229,259	97
Sulphuric acid	" 4,050,277	89	4,892,043	89
Other chemicals .....	...	612	...	686
Aniline dyes	lb. 482,090	507	531,241	554
Vegetable dyes	" 378,490	222	316,779	176
Dyestuffs, n.e.s. ....	...	58	...	135
All other materials and components used ¹ .....	...	2,919	...	3,173
2. Containers and other packaging materials and supplies used .....	...	178	...	155
3. Operating, maintenance and repair supplies (excluding fuel) .....	...	1,139	...	1,229
4. Amount paid out to others for work done on materials owned by establishments .....	...	2	...	15
Totals .....	...	38,407	...	31,882

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$167,000 in 1962 and \$217,377 in 1963.

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Sole leather:				
Bends.....	lb.	5,586,349	3,970	5,319,322
Shoulders.....	"	2,322,373	1,138	2,243,187
Bellies.....	"			
Upper leather:				
Cattle and horse hides ¹	No.	3,579,431	29,639	3,834,942
Chrome splits.....	sq. ft.	72,316,762	3,407	77,461,341
	No.	2,361,327		2,643,352
	sq. ft.	18,454,545		17,832,898
Other leather:				
Splits, n.e.s.....		1,539		1,140
Trunk, bag and pocket-book leather.....	sq. ft.	4,944,042	1,818	5,209,306
Glove leather.....	"	13,463,174	3,868	13,659,443
Garment leather.....	"	2,863,454	1,072	3,001,102
Leather, n.e.s. ²		10,757		9,782
Other products:				
Offal.....	lb.	641,375	166	730,110
Hair.....	"	2,721,450	220	3,007,415
Glue stock.....	cwts.	37,960	377	36,540
All other products ³		1,722		649
2. Amount received in payment for work done on materials and products owned by others⁴.....		876		888
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above.....		(153)		(6)
Total adjusted value of shipments and work done.....		60,416		57,777

¹ Includes patent and enamelled shoe leather.

² Includes: upper leather calf skins; belting leather; sheep skins; goat skins; upholstering leather; book binders leather; oil tanned shoe pack leather; harness leather; lace leather; welting and other miscellaneous products.

³ Includes: shearing, mouton and other non-leather products.

⁴ The number of hides and skins treated for customers is given in a separate statement (Table 7B), but the amount of money received for the work is included in the production tables of the report as an item of value.

TABLE 7A. Shipments of Upper Leather, 1953-63

Year	Cattle and horse ¹		Calf		Chrome split	
	Sq. ft.	Value	Sq. ft.	Value	Sq. ft.	Value
		\$		\$		\$
1953.....	49,583,465	17,491,815	8,936,902	6,060,540	11,582,227	1,733,265
1954.....	49,400,142	15,402,393	9,518,067	5,742,305	11,782,526	1,678,392
1955.....	57,300,118	17,965,395	10,933,430	6,854,511	15,583,448	2,385,592
1956 ¹	63,984,605	21,798,645	9,601,863	6,280,598	16,108,745	2,603,928
1957.....	62,611,669	20,845,664	10,499,502	7,032,188	14,326,111	2,386,262
1958.....	67,980,137	22,305,280	12,604,589	8,939,217	13,538,748	2,308,363
1959.....	63,080,808	26,234,941	9,906,436	8,559,041	12,635,963	2,778,497
1960.....	54,994,214	21,356,404	9,356,185	7,911,221	14,589,906	3,175,268
1961.....	74,872,309	28,766,338	...	2	18,044,446	3,241,987
1962.....	72,316,762	29,639,363	...	2	18,454,545	3,406,415
1963.....	77,458,485	29,784,901	...	2	17,832,898	3,245,643

¹ 1956 and later years: patent and enamelled shoe leather included with cattle and horse.

² Figures confidential.

TABLE 7B. Shipments of Other Types of Leather, 1953-63

Year	Sole leather		Trunk, bag and pocketbook leather		Glove leather	
	Lb.	Value	Sq. ft.	Value	Sq. ft.	Value
		\$		\$		\$
1953.....	14,706,216	7,947,394	2,549,067	1,175,920	9,749,865	2,345,577
1954.....	12,634,637	6,515,129	1,991,816	881,181	8,770,397	1,980,580
1955.....	13,417,522	6,974,340	2,087,221	886,959	12,722,075	2,790,122
1956.....	13,105,959	7,008,156	2,435,447	1,052,196	14,045,361	3,331,666
1957.....	11,547,297	6,309,437	2,089,503	876,014	11,783,225	2,783,103
1958.....	12,039,577	6,571,374	1,531,300	641,552	10,352,032	2,415,159
1959.....	10,915,790	7,024,555	1,857,245	905,796	9,395,853	2,456,336
1960.....	8,459,742	5,412,730	2,389,329	1,126,869	10,911,030	3,259,736
1961.....	7,245,044	4,580,789	4,031,829	1,774,157	11,329,159	3,054,646
1962.....	7,908,722	5,107,316	4,944,042	1,817,892	13,463,174	3,867,317
1963.....	7,562,509	4,871,424	5,209,306	1,594,833	13,659,443	3,775,452

TABLE 8. Custom Tanning, 1962 and 1963

Hides and skins treated for other firms or individuals	1962	1963
Sheep skins doz.	56,414	57,421
Weight lb.	3,399,660	3,075,020
Other hides or skins No.	35,199	24,567
Total amount received from custom tanning \$	876,478	887,925

List of Establishments classified to This Industry, 1963

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

Name	Location
Quebec:	
Boudet, Georges	St-François-du-Lac
Bougeron Inc., Ide	St-Gabriel-de-Brandon
Boucher, P.E.	St-Pascal
Clement Ltée, Edgar	35 Arago St. E., Québec
Coyle Tanning Co. Ltd.	9500 St. Lawrence Blvd., Montréal 14
Deluxe Leather Corp.	295 Laurendeau Ave., Montreal-East 5
Delos & Payan, Ltd.	St. Hyacinthe
Fertier Inc., Naxaire	231 est. rue St-Vallier, Québec
Fournier Ltée, T. Antonio	1647, rue Savoie, Plessisville
Gutenstein, Max	9500 St. Lawrence Blvd., Montréal 12
Harroette & Fils, Arthur	Portneuf
Hutton Processors (Canada) Ltd.	2600 Mullins Street, Montréal 22
Tannerie Cantin Inc.	Loretteville
Tannerie Laurentienne Inc., La.	30, rue Laurentienne, Québec 2
Ontario:	
Able Leather Co. Ltd.	121 Cavan St., Port Hope
Barrie Tanning Ltd.	55 Bradford Street, Barrie
Bardmore & Co. Ltd.	Acton
Breithaupt Leather Co. Ltd., The	Front St., Hastings
Breithaupt Leather Co. Ltd., The	371 Trent Drive, Campbellford
Clark & Co. Ltd., A.R.	633-663 Eastern Ave., Toronto 8
Collis Leather Co. Ltd., The	Tyler Street, Aurora
Davis & Son, Limited, A.	407 Rideau Street, Kingston
Great Northern Leather Mfr's, Ltd.	121 Prescott Ave., Toronto 9
Kendall Leather Co. Ltd., James R.	185 Cross Ave., Oakville
Lackawanna Leather Co. of Canada, Ltd.	604 King St. W., Toronto 2B
Lang & Sons Ltd., John A.	224 Madison Ave. S., Kitchener
Lang & Sons Ltd., John A.	John St., Barrie
Lang & Sons Ltd., John A.	Alice St., Cobourg
Lewis Ltd., Gerry	691 Richmond St., London
McCordick Leathers, Ltd., F.C.	McMurphy Ave., S., Brampton
Robson Leather Co. Ltd.	86 Grantham Ave., St. Catharines
Thunder Bay Tannery	Whiting Ave., Oshawa
Wickett & Craig Ltd.	436 Black Bay Road, Port Arthur
White Tanning Co.	201 Eastern Avenue, Toronto 2
	Rockwood
Manitoba:	
Dominion Tanners Ltd.	743 Jarvis Ave., Winnipeg 4
McMillan Fur & Wool Co. Ltd.	1032 Logan Ave., Winnipeg 3
Alberta:	
Dominion Tanners Ltd.	12210 Mount Lawn Rd., Edmonton
Edmonton Tannery	9272-110A Avenue, Edmonton
British Columbia:	
Leckie Co., Ltd., J.	Tannery Rd., New Westminster
Paris Tannery, Ltd.	278 West 1st Ave., Vancouver 10

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

The reporting unit for the Census is designated as the **establishment** (see definition of "Establishment" in following section) and a return is requested from every establishment classified to a manufacturing industry. Although respondents are required to submit reports covering the calendar year, financial year reports other than the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. When an establishment is operated for only part of a year a report is required covering the period of operation.

There are four different questionnaires used in the Census of Manufactures; (a) short form (b) long form (c) head office questionnaire and (d) commodity questionnaire. The short and long forms are used to obtain principal statistics and commodities shipped from establishments classified to manufacturing industries and differ only in the amount of detail requested. The short form is a single-sheet questionnaire sent to small manufacturers generally reporting shipments of less than \$100,000; this cut-off, however, varies somewhat between industries. The head office questionnaire is generally used for company head offices and/or auxiliary units separately located from the manufacturing establishment(s), (see following notes on Head offices and auxiliary units). The Commodity questionnaire is used to survey certain establishments which are coded (on the basis of their principal activity) to industries other than manufacturing in the Standard Industrial Classification system, but which undertake some manufacturing as a subsidiary activity. This single-sheet questionnaire is designed to collect information on the quantity and value of goods of own manufacture shipped by such establishments in order to achieve full coverage of domestically manufactured commodities (see the following note under Shipments).

The results of the Census are presented in some 140 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covering the shipments of all manufactured commodities arranged in alphabetical order is also published.

Since 1960 the following major changes have been implemented in the Census of Manufactures: (a) a revised Standard Industrial Classification (b) a new establishment definition and (c) an extension of the establishment definition to cover the non-manufacturing activities of manufacturing establishments. The statistics presented in the various 1963 reports reflect the complete implementation of these changes and enable comparisons to be made with the years 1961 and 1962. For a complete description of the procedures followed in establishing the revised series, reference should be made to the Explanatory Notes included in the 1960, 1961 and 1962 industry publications. The statistical framework within which the Census of Manufactures is now carried out is based on the following concepts and definitions which have been developed as part of a general programme to achieve a fully integrated system of economic statistics.

Establishment

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. The majority of such establishments are firms but many firms have more than one establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements embodied in the following definition of the "establishment":

"The smallest unit which is a separate operating entity capable of reporting the following principal statistics:

- Materials and supplies used
- Goods purchased for resale as such
- Fuel and power consumed
- Number of employees and salaries and wages
- Man-hours worked and paid
- Inventories
- Shipments or sales."

Each establishment is required to report on all the activities carried out within its accounting boundaries (except income from investments such as rent, interest and dividends) and data on the different activities (manufacturing, trading in goods not of own manufacture, construction by own labour

force, revenue from services, etc.) are requested to be reported separately. It should be noted that the statistics for separate activities are not completely consistent since some respondents cannot distinguish, in their records, materials, shipments and inventories relating solely to their own manufacturing activities. For example, inventory of goods purchased for re-sale may not be distinguishable from inventory of own manufactured goods. Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level and for studies or statistical measures requiring accurate coordinated data, the "total" statistics should be used.

The number of establishments represents the number of operating units that are principally engaged in the activities of the manufacturing industries to which they have been classified. These units do not necessarily represent the total number engaged in the production of a commodity mainly produced in a certain industry. Some commodities are produced as secondary products in other manufacturing and non-manufacturing industries. It should be noted that head offices and auxiliary units which are surveyed separately are not included in the establishment count, (see following notes on head offices and auxiliary units).

Head Offices and Auxiliary Units

All head offices and auxiliary units of companies classified to the manufacturing industries such as sales offices, administrative offices, warehouses, laboratories, etc. are now surveyed as part of the Census of Manufactures.

These head offices and auxiliary units are either included in an establishment report or are surveyed by means of the head office questionnaire. The former is the most common case where a single establishment firm has its executive personnel, sales office, etc. located at the site of the manufacturing plant (establishment). The special head office questionnaire is generally used where a firm, regardless of the number of establishments, has separately located offices or auxiliary units. Such offices or units do not constitute establishments within the Census of Manufactures as they do not normally generate operational revenues, but give rise only to costs of operations (mainly salaries and wages) which are automatically included in the value of shipments or sales. Although not considered as establishments, and hence, not included in the "establishment" count for an industry, the operational costs are reflected in either the "Industry" statistics (3 or 4 digit level) or the "Major group" statistics (2 digit level) according to the following rules:

(a) In the case of single establishment firms, statistics for separately located offices and units are classified to the same industry (3 or 4 digit) as the establishment;

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the

firm, when all establishments are in the same industry (3 or 4 digit). When establishments of such firms are coded (1) to different industries within a major group, (2) to industries in different major groups or (3) to industries in different divisions of the Standard Industrial Classification, then the statistics are included in the major group totals (2 digit level) in which the major part of the company's operations are classified. Although this may result in some distortion of major group statistics in the case of (2) and (3) the statistics at the industry (3 or 4 digit) level in all cases will be left free of these company-wide data.

Employees

(a) Production and related workers — Manufacturing activity

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. Production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

(b) Production and related workers — Non-manufacturing activities

Such employees include those on manufacturing establishments' payrolls engaged in activities such as construction undertaken for the use of these establishments, some outside piece-workers employed in certain industries, logging employees who are reported as part of a sawmilling establishment and any other production workers who are not engaged in manufacturing-type operations.

(c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers,

etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the line supervisor or working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical, etc. It should be noted that prior to 1961 this category also included working owners and partners. Also included in this category are employees located at head offices or auxiliary units separately located from the establishment; these are generally included in the figures for the province in which they are located according to the rules outlined under "Head offices and auxiliary units" above.

(d) Sales and distribution workers

This category includes office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truckdrivers and their helpers, etc. It may also include some sales employees who are reported as part of a manufacturing establishment but are not working at the establishment's location. These are generally broken down by province in cases where more than 15 employees are involved in any one province. The figures exclude persons working on a commission basis who are not considered regular employees of the establishment.

(e) Total Employees

This total comprises the foregoing categories including employees located at separately located head offices and auxiliary units. The numbers of employees included under categories (b), (c) and (d) are reported in the form of annual averages and represent as closely as possible full time employment; adjustments are made when reported figures indicate the existence of part time or seasonal employment. In all the above categories, figures on employment refer to the calendar year whether or not other establishment statistics can only be reported on a fiscal year other than the calendar year.

Working Owners or Partners

These are not now included in the statistics of employees and salaries and wages. There is some duplication in numbers when a person owns more than one establishment and is reported as a working owner on each Census return. Withdrawals of working owners defined as amounts withdrawn by owners or partners for normal living expenses excluding withdrawals for payment of income tax.

Salaries and Wages

Salaries and wages refer to gross earnings of employees before deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages, bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any

other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars, trucks, locomotives, etc.), not to purchases unless the quantities are substantially the same. **Any fuel and electricity produced by establishments for internal consumption are not included in the total cost.** Values represent laid down cost at the establishment including freight, duty, etc. Although fuel and electricity used is considered part of manufacturing activity it should be noted that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

Materials and Supplies

(a) Manufacturing activities

Figures represent quantities and laid down cost values, at the establishment, of materials, supplies and purchased components owned and used during the year in manufacturing activities and related processes. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts charged by other establishments for work done on materials owned by the reporting establishment. Cost of repairs or maintenance done by outside contractors and cost of returnable containers are not included.

(b) Non-manufacturing activities

1. Purchases for re-sale as such

Figures represent cost of materials or products purchased from others by the reporting establishment (or received as transfers from other establishments of the reporting company) for re-sale as such in the same condition as purchased. Included are any finished products received on consignment from other countries.

2. Other materials and supplies used

Figures represent the cost of materials and supplies, if any, used in new construction and in the production of machinery and equipment (for the use of the reporting establishment) by the establishment's own employees. Included are materials used for any capital repairs and alterations carried out by the establishment's employees. Amounts paid to outside contractors for construction and repair work are not included nor is the cost of purchased machinery and equipment. Also included is the cost of office supplies not chargeable to

fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

The figures represent revenue from all production, sales, services and related activities of reporting establishments with shipments valued in Canadian dollars at the point at which the establishment relinquishes control. The unsold portion at year end of consignment shipments in Canada is treated as inventory and not as shipments but all shipments to foreign countries for which the form B13 "Customs Canada Export Entry" has been completed, are treated as shipments.

In those industries where work on principal products extends over a relatively long period, (Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair Industry) the value of production rather than the value of shipments is recorded. There are certain establishments in other industries which also operate on a basis of progress payments. For these establishments, shipments are also adjusted to work put in place on the basis of the net change in progress payments over the year.

(b) Shipments of goods of own manufacture

These figures represent shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishments for work done. Included are revenue from repair and custom work, amounts received in payment for work done on materials owned by other establishments and the cost (book value) of any goods shipped on a rental basis.

All products and by-products of own manufacture shipped from the establishment are covered, including transfer shipments to sales outlets, distributing warehouses or to other manufacturing plants of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of returned goods, discounts, returns, allowances, sales tax and excise taxes and duties, returnable containers and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity are collected by means of the Commodity questionnaire referred to earlier. Such shipments together

with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

These figures represent the net selling value at establishment (net of discounts, returns, allowances, sales taxes and excise duties and taxes and transportation charges by common or contract carriers) of all products or materials (including products transferred from other establishments of the reporting firm) sold as such in the same condition as purchased or received as transfers. For those industries which ship such goods on a rental basis, the value of shipments represents the book value of these goods. All sales of consignment goods from other countries are included.

(d) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs, alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishment's own employees and for which depreciation accounts are maintained. Included also are any revenues from the sale of electricity and from any operations performed by the establishment's own employees, such as revenue from goods produced or purchased for rental (the book value of such goods are included as part of shipments of goods of own manufacture or shipments of goods not of own manufacture), servicing revenues, commissions on sales (when not included in value of sales), revenue for company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishment's own products, sale of used materials (excluding sale of used fixed assets) research and development work, etc. As mentioned previously the figures do not include non-operating revenue such as rent, dividends, interest, etc.

Inventories

(a) Manufacturing activities

Values represent the book values of manufacturing inventory owned in Canada. Inventories held for which progress payments have been received are not included. Where progress payment accounts are maintained, the change in these accounts is treated as a net adjustment to shipments. Figures consist of inventory owned at the plant and at warehouses or selling outlets which are treated as extensions of establishments for the purpose of reporting shipments. Inventory owned in transit in Canada or on consignment in Canada is included. Goods shipped abroad and held in inventory are included in shipments. Opening inventories may differ from the closing inventories of the previous year because of changes in classification, the

receipt of revised data, the inclusion of new establishments and the removal of establishments which did not operate during the survey year.

(b) Non-manufacturing activities

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by the reporting establishments and held at plants and at any warehouses or selling outlets which are treated as extensions of establishments. Other characteristics are the same as in (a) above.

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).

(b) By non-manufacturing activities

The figures are compiled by deducting the cost of goods purchased for re-sale (adjusted for changes in the value of inventories of goods

purchased for re-sale) and the cost of other materials and supplies used from the value of shipments of goods not of own manufacture, plus other revenue.

(c) By Total activities

The figures consist of value added by manufacturing activities plus value added by non-manufacturing activities. This total value added figure may, in some cases, be less than value added by manufacturing activities as a result of expenditures associated with non-manufacturing exceeding revenues from such activities or because of a decrease in inventory of goods not of own manufacture exceeding the mark-up on the sale of such goods. "Value added" is sometimes referred to as net production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, "Survey of Production".

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