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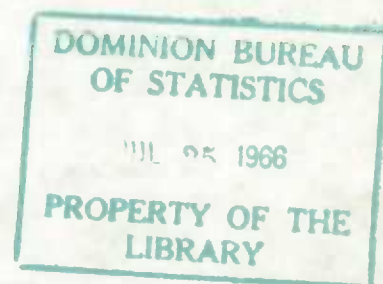
ANNUAL



# LEATHER TANNERIES

1964

ANNUAL CENSUS  
OF MANUFACTURES



*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Industry Division

July 1966  
6506-601

Price: 50 cents

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## LEATHER TANNERIES

1964

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 12 and 13, respectively, show in detail the materials and supplies used in manufacturing and the shipments of goods of own manufacture by the industry. Tables 13 A and 13 B present the shipments of the various types of leather produced by this industry for the years 1955 to 1964, inclusive. Table 14 gives some details of the custom tanning carried out by the firms in this industry for the years 1963 and 1964.

A list of the establishments classified to this industry in the 1964 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.
- p preliminary figures.
- \* revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	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- drawsals	Number	Salaries and wages	
	No.		'000				\$'000			\$'000			\$'000
1961													
Totals .....	45	3,130	6,694	11,236	1,081	38,409	57,955	19,541	10	25	3,654	14,142	19,886
1962													
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	18,763	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
1964													
Newfoundland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec .....	14	415	938	1,517	147	3,897	6,824	2,837	x	x	479	1,925	2,829
Ontario .....	22	2,551	5,423	10,199	964	28,923	49,448	20,356	x	x	2,858	12,309	20,300
Manitoba.....	2	159	348	577	45	1,737	2,992	1,227	x	x	183	718	1,225
Saskatchewan .....	—												
Alberta .....	2												
British Columbia.....	2												
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	42	3,125	6,709	12,292	1,156	34,557	59,263	24,419	6	20	3,520	14,952	24,354



TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1963 and 1964

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	
1963													
Under \$10,000	5	5	11	16	1	50	88	42	5	12	5	16	42
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	12	39	81	128	16	261	524	258	2	10	45	168	260
500,000 " 999,999	4	274	578	877	79	2,177	4,229	2,001	—	—	325	1,162	2,010
1,000,000 " 4,999,999	4	175	374	584	57	1,725	2,986	1,143	—	—	192	690	1,139
5,000,000 and over	12	1,422	3,193	5,533	519	15,596	28,113	10,865	—	—	1,563	6,347	10,842
Head offices, sales offices and auxiliary units	3	1,127	2,298	4,399	418	12,074	21,837	8,806	—	—	1,256	5,292	8,798
Totals	41	3,042	6,536	11,538	1,090	31,882	57,777	23,116	7	22	3,425	14,026	23,066
1964													
Under \$10,000	5	7	14	20	2	63	119	49	5	13	7	21	49
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	4	29	58	90	10	165	380	203	1	7	37	126	203
500,000 " 999,999	13	297	632	993	87	2,347	4,438	2,120	—	—	339	1,262	2,114
1,000,000 " 4,999,999	5	177	419	630	66	2,415	3,769	1,225	—	—	200	760	1,223
5,000,000 and over	12	1,433	3,222	5,889	531	16,665	29,081	11,910	—	—	1,576	6,710	11,688
Head offices, sales offices and auxiliary units	3	1,182	2,364	4,670	460	12,901	21,475	8,913	—	—	1,316	5,705	8,903
Totals	42	3,125	6,709	12,292	1,156	34,557	59,263	24,419	6	20	3,520	14,952	24,354

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1963 and 1964

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	
1963													
Under \$10,000	5	5	11	16	1	50	88	42	5	12	5	16	42
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	3	13	29	45	7	118	224	104	2	10	14	51	104
500,000 " 999,999	4	76	153	205	18	439	810	347	—	—	86	281	349
1,000,000 " 4,999,999	8	167	353	560	50	1,575	2,823	1,218	—	—	197	738	1,212
5,000,000 and over	8	356	773	1,163	120	3,313	6,072	2,583	—	—	401	1,418	2,593
Head offices, sales offices and auxiliary units	7	759	1,670	2,966	296	8,367	14,307	5,280	—	—	846	3,447	5,261
Totals	6	1,666	3,549	6,583	597	18,019	33,453	13,542	—	—	1,837	7,724	13,529
1964													
Under \$10,000	3	1	2	3	—	7	21	14	3	6	1	3	14
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	4	15	33	52	8	126	252	115	3	14	16	58	115
500,000 " 999,999	4	51	100	139	4	1,052	1,313	299	—	—	63	206	298
1,000,000 " 4,999,999	11	266	570	875	92	2,327	4,080	1,707	—	—	305	1,129	1,702
5,000,000 and over	7	312	715	1,164	105	3,168	5,614	2,312	—	—	355	1,420	2,309
Head offices, sales offices and auxiliary units	4	354	777	1,342	170	3,644	6,436	2,682	—	—	412	1,644	2,666
Totals	9	2,126	4,513	8,718	778	24,232	41,546	17,291	—	—	2,323	10,125	17,276

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1963 and 1964

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	
<b>1963</b>													
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	13,529
1,000,000 " 4,999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	39	351	( 25)
<b>Totals</b> .....	<b>41</b>	<b>3,042</b>	<b>6,536</b>	<b>11,538</b>	<b>1,090</b>	<b>31,882</b>	<b>57,777</b>	<b>23,116</b>	<b>7</b>	<b>22</b>	<b>3,425</b>	<b>14,026</b>	<b>23,066</b>
<b>1964</b>													
Under \$10,000 .....	3	1	2	3	—	7	21	14	3	8	1	3	14
\$ 10,000 to \$ 24,999 .....	4	15	33	52	8	128	252	115	3	14	16	58	115
25,000 " 49,999 .....	4	51	100	139	4	1,052	1,313	299	—	—	63	206	298
50,000 " 99,999 .....	11	266	570	875	92	2,327	4,080	1,707	—	—	305	1,129	1,702
100,000 " 199,999 .....	7	312	715	1,164	105	3,168	5,614	2,312	—	—	355	1,420	2,309
200,000 " 499,999 .....	4	354	777	1,342	170	3,644	6,436	2,682	—	—	412	1,644	2,868
500,000 " 999,999 .....	9	2,126	4,513	8,718	778	24,232	41,546	17,291	—	—	2,232	10,125	17,276
1,000,000 " 4,999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	45	387	( 27)
<b>Totals</b> .....	<b>42</b>	<b>3,125</b>	<b>6,709</b>	<b>12,292</b>	<b>1,156</b>	<b>34,557</b>	<b>59,263</b>	<b>24,419</b>	<b>6</b>	<b>20</b>	<b>3,520</b>	<b>14,952</b>	<b>24,354</b>

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1963 and 1964

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	
<b>1963</b>													
Under 5 employed .....	5	5	11	16	1	50	88	42	5	12	5	16	42
5- 14 employed .....	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	2,988	—	—	482	1,737	2,994
50- 99 " .....	4	253	553	839	88	2,781	4,574	1,689	—	—	285	1,041	1,687
100-199 " .....	8	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	28,037	10,445	—	—	1,478	6,205	10,437
500 employed and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	39	351	( 25)
<b>Totals</b> .....	<b>41</b>	<b>3,042</b>	<b>6,536</b>	<b>11,538</b>	<b>1,090</b>	<b>31,882</b>	<b>57,777</b>	<b>23,116</b>	<b>7</b>	<b>22</b>	<b>3,425</b>	<b>14,026</b>	<b>23,066</b>
<b>1964</b>													
Under 5 employed .....	4	2	5	7	—	43	70	25	4	8	2	7	25
5- 14 employed .....	6	40	83	130	12	934	1,213	304	2	12	50	174	304
15- 49 " .....	15	361	780	1,120	111	3,072	5,611	2,484	—	—	411	1,545	2,478
50- 99 " .....	5	311	696	1,077	112	3,308	5,639	2,157	—	—	350	1,317	2,155
100-199 " .....	7	837	1,882	3,480	338	9,059	16,418	6,918	—	—	921	3,897	6,897
200-499 " .....	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over .....	5	1,574	3,265	6,390	583	18,142	30,314	12,532	—	—	1,741	7,645	12,523
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	45	387	( 27)
<b>Totals</b> .....	<b>42</b>	<b>3,125</b>	<b>6,709</b>	<b>12,292</b>	<b>1,156</b>	<b>34,557</b>	<b>59,263</b>	<b>24,419</b>	<b>6</b>	<b>20</b>	<b>3,520</b>	<b>14,952</b>	<b>24,354</b>

TABLE 6. Principal Statistics classified by Type of Organization, 1963 and 1964

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		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
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
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
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
1964													
Individual ownerships .....	6	11	22	33	3	99	189	82	6	20	11	34	82
Partnerships .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Incorporated companies .....	36	3,114	6,687	12,259	1,153	34,458	59,074	24,337	...	...	3,464	14,551	24,299
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	45	367	(27)
Totals .....	42	3,125	6,709	12,292	1,156	34,557	59,263	24,419	6	20	3,520	14,952	24,354

TABLE 7. Calculation of Output, Input and Value Added, 1963 and 1964

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
\$'000						
Output						
1. Shipments and other revenue .....	57,777	59,263	212	197	57,989	59,460
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	4,735	5,285	...	...	4,735	5,285
Finished goods .....	3,152	3,476	...	...	3,152	3,476
Deduct opening—Goods in process .....	6,062	4,780	...	...	6,062	4,780
Finished goods .....	3,514	3,111	...	...	3,514	3,111
2. Net inventory change .....	(1,689)	870	...	...	(1,689)	870
3. Gross output (1 + 2) .....	56,087	60,133	212	197	56,299	60,330
Input						
4. Purchases of goods not of own manufacture .....	...	...	146	135	146	135
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	108	86	108	86
Deduct closing .....	...	...	86	54	86	54
5. Cost of goods sold (not of own manufacture) .....	...	...	168	167	168	167
6. Materials, supplies, etc. ....	31,882	34,557	94	96	31,976	34,653
7. Fuel and electricity .....	1,090	1,156	...	...	1,090	1,156
8. Gross input (5 + 6 + 7) .....	32,972	35,713	262	263	33,234	35,976
Value added (3 - 8) .....	23,116	24,419	(50)	(65)	23,066	24,354



TABLE 8. Employment and Payroll, 1963 and 1964

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	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
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 Terri- tories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	2,762	280	-	-	227	92	59	5	3,048	377	11,538	-	2,183	305	14,026
1964															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec .....	384	31	8	-	34	12	8	2	434	45	1,517	52	302	54	1,925
Ontario .....	2,324	227	-	-	198	78	25	6	2,547	311	10,199	-	1,913	197	12,309
Manitoba .....	133	26	-	-	13	5	5	1	151	32	577	-	90	51	718
Saskatchewan .....															
Alberta .....															
British Columbia .....															
Yukon and Northwest Terri- tories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	2,841	284	8	-	245	95	38	9	3,132	388	12,292	52	2,306	302	14,952

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1963 and 1964

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January .....	2,886	297	2,798	266
February .....	2,864	299	2,800	273
March .....	2,778	295	2,787	276
April .....	2,698	278	2,781	273
May .....	2,681	283	2,827	291
June .....	2,719	277	2,912	297
July .....	2,708	269	2,842	287
August .....	2,758	286	2,912	287
September .....	2,715	272	2,908	291
October .....	2,748	271	2,829	287
November .....	2,790	278	2,825	280
December .....	2,789	265	2,862	283
Averages .....	2,762	280	2,841	284
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments .....	2,762	280	2,841	284

TABLE 10. Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—
New Brunswick .....	—	—	—	—	—	—
Quebec .....	554	527	273	1,354	29	1,383
Ontario .....	2,567	4,073	2,737	9,377	56	9,433
Manitoba .....	141	180	102	423	—	423
Saskatchewan .....						
Alberta .....						
British Columbia .....						
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	3,262	4,780	3,111	11,153	86	11,239
Closing:						
Newfoundland .....	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—
New Brunswick .....	—	—	—	—	—	—
Quebec .....	597	580	277	1,454	5	1,459
Ontario .....	2,708	4,526	3,079	10,314	50	10,363
Manitoba .....	150	179	120	449	—	449
Saskatchewan .....						
Alberta .....						
British Columbia .....						
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	3,456	5,285	3,476	12,217	54	12,271

TABLE 11. Purchased Fuel and Electricity Used in Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines .....	ton	11,670	132	12,456
(b) Imported .....	"	17,485	222	16,995
Sub-bituminous coal (from Alberta mines only) .....	"	—	—	—
Anthracite coal .....	"	—	—	—
Lignite coal .....	"	—	—	—
Coke .....	"	—	—	—
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	33,165	12	41,535
Fuel oil including kerosene or coal oil .....	"	3,196,457	267	3,307,353
Wood .....	cord	167	1	456
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	2,131	1	7,375
(b) Other manufactured gas .....	M cu. ft.	—	—	—
(c) Natural gas .....	"	77,384	39	84,192
Other fuel .....	...	—	—	—
Electricity purchased .....	kwh.	27,436,273	344	29,414,658
Steam purchased .....	...	...	62	...
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	10	...	12
3. All establishments:				
Total fuel and electricity used .....	...	1,090	...	1,156

TABLE 12. Materials and Supplies - Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Hides and skins:				
Cattle:				
Imports .....	No.	581,008	748,570	16,560
Domestic .....	"	1,781,235	1,776,067	
Total weight .....	lb.	131,853,039	142,458,620	
Calf and kid:				
Imports .....	No.	226,128	253,085	2,639
Domestic .....	"	145,900	148,263	
Total weight .....	lb.	5,138,166	6,211,701	
Sheep (pickled):				
Imports .....	doz.	14,293	10,883	520
Domestic .....	"	40,628	33,005	
Total weight .....	lb.	1,487,530	1,266,388	
Sheep (wool on):				
Imports .....	doz.	13,986	17,447	709
Domestic .....	"	—	—	
Total weight .....	lb.	1,150,000	2,285,500	
Goat:				
Imports .....	doz.	8,569	13,748	175
Domestic .....	"	—	—	
Total weight .....	lb.	70,077	337,109	
Horse .....	"	1,556,000	1,596,450	150
Other hides and splits .....	...	1,358	...	2,658
Tanning materials:				
Tanning extracts:				
Chestnut .....	lb.	1,570,711	1,617,088	177
Chrome .....	"	4,222,473	4,952,472	534
Quebracho .....	"	6,395,000	5,949,432	571
Wattle .....	"	1,569,697	1,718,021	165
Other tanning extracts .....	"	1,492,637	1,431,736	105
Synthetic tans .....	"	1,276,568	1,622,840	314
Oils and greases:				
Cod oil (including sulphonated) .....	"	1,272,647	1,234,506	163
Other fish oils .....	"	1,065,781	729,692	151
Neat's-foot oil .....	"	550,684	576,302	136
Other animal oils .....	"	564,111	622,840	165
Vegetable oils .....	"	322,819	383,718	77
Mineral oils .....	"	1,330,097	1,218,802	55
Other oils and greases .....	...	386	3,318,948	491
Chemicals and dyes:				
Bichromate of soda .....	"	3,008,377	3,366,006	392
Formic acid .....	"	502,359	487,286	76
Lime .....	"	10,532,595	10,217,580	117
Magnesium sulphate (Epsom salts) .....	"	871,910	795,410	23
Oxalic acid .....	"	224,246	180,650	32
Salt .....	"	13,777,726	14,118,542	193
Sodium acetate .....	"	54,504	49,790	12
Sodium bicarbonate .....	"	878,370	883,424	36
Sodium bisulphite .....	"	570,405	426,042	28
Sodium hyposulphite (thiosulphate) .....	"	855,601	1,002,042	49
Sodium sulphide .....	"	1,767,372	1,666,578	138
Sugar .....	"	1,229,259	1,252,367	97
Sulphuric acid .....	"	4,892,043	5,100,540	86
Other chemicals .....	...	686	...	603
Antiline dyes .....	lb.	531,241	532,398	536
Vegetable dyes .....	"	316,779	351,088	210
Dyestuffs, n.e.s. ....	...	135	...	141
All other materials and components used <sup>1</sup> .....	...	3,173	...	3,504
2. Containers and other packaging materials and supplies used .....				
3. Operating, maintenance and repair supplies (excluding fuel) .....				
4. Amount paid out to others for work done on materials owned by establishments .....				
Totals .....				

<sup>1</sup> No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$217,377 in 1963 and \$228,605 in 1964.



TABLE 13. Shipments of Goods of Own Manufacture, 1963 and 1964

Description		1963		1964	
		Quantity	Value	Quantity	Value
			\$'000		\$'000
1. Products:					
Sole leather:					
Bends .....	lb.	5,319,322	3,798	5,509,682	3,718
Shoulders .....	"	2,243,187	1,073	2,182,379	1,004
Bellies .....	"				
Upper leather:					
Cattle and horse hides <sup>1</sup> .....	No.	3,834,942	29,786	3,897,064	29,408
Chrome splits .....	sq. ft.	77,461,341		80,964,758	
	No.	2,643,352	3,246	3,186,992	3,883
	sq. ft.	17,832,898		21,076,555	
Glove leather:					
Cattle .....	sq. ft.	13,659,443	3,775	9,335,443	2,294
Horse .....	"			4,250,390	1,451
Sheep and lamb .....	"				
Other leather:					
Splits, n.e.s. ....		...	1,140	...	1,370
Bag, case and strap leather .....	sq. ft.	5,209,306	1,595	5,708,869	1,710
Garment leather .....	"	3,001,102	1,133	3,557,982	1,248
Leather, n.e.s. <sup>2</sup> .....		...	9,782	...	8,795
Other products:					
Offal .....	lb.	730,110	176	751,962	189
Hair .....	"	3,007,415	395	3,020,898	467
Glue stock .....	cwts.	36,540	348	363,046	349
All other products <sup>3</sup> .....		...	649	...	2,796
2. Amount received in payment for work done on materials and products owned by others <sup>4</sup>		...	888	...	587
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above		...	(6)	...	(6)
Total adjusted value of shipments and work done .....		...	57,777	...	59,263

<sup>1</sup> Includes patent and enamelled shoe leather.

<sup>2</sup> Includes: upper leather calf skins; belting leather; sheep skins; goat skins; upholstering leather; book binders leather; oil tanned shoepack leather; harness leather; lace leather; welting and other miscellaneous products.

<sup>3</sup> Includes: shearling, mouton and other non-leather products.

<sup>4</sup> The number of hides and skins treated for customers is given in a separate statement (Table 14), but the amount of money received for the work is included in the production tables of the report as an item of value.

TABLE 13 A. Shipments of Upper Leather, 1955-64

	Cattle and horse <sup>1</sup>		Calf		Chrome split	
	Sq. ft.	Value	Sq. ft.	Value	Sq. ft.	Value
		\$'000		\$'000		\$'000
1955 .....	57,300,118	17,965	10,933,430	6,855	15,583,448	2,385
1956 <sup>1</sup> .....	63,984,605	21,799	9,601,863	6,281	16,108,745	2,604
1957 .....	62,611,669	20,846	10,499,502	7,032	14,326,111	2,386
1958 .....	67,980,137	22,305	12,604,589	8,939	13,538,748	2,308
1959 .....	63,080,808	26,235	9,906,436	8,559	12,635,963	2,778
1960 .....	54,994,214	21,356	9,356,185	7,911	14,589,906	3,175
1961 .....	74,872,309	28,766	...	<sup>2</sup>	18,044,446	3,242
1962 .....	72,316,762	29,639	...	<sup>1</sup>	18,454,545	3,406
1963 .....	77,461,341 <sup>2</sup>	29,786 <sup>2</sup>	...	<sup>2</sup>	17,832,896	3,246
1964 .....	80,964,758	29,408	...	<sup>2</sup>	21,076,555	3,883

<sup>1</sup> 1956 and later years: patent and enamelled shoe leather included with cattle and horse.

<sup>2</sup> Figures confidential.



TABLE 13 B. Shipments of Other Types of Leather, 1955 - 64

Year	Sole leather		Bag, case and strap leather		Glove leather	
	Lb.	Value	Sq. ft.	Value	Sq. ft.	Value
		\$'000		\$'000		\$'000
1955 .....	13,417,522	6,974	2,087,221	887	12,722,075	2,790
1956 .....	13,105,959	7,008	2,435,447	1,052	14,045,361	3,332
1957 .....	11,547,297	6,309	2,089,503	876	11,783,225	2,783
1958 .....	12,039,577	6,571	1,531,300	642	10,352,032	2,415
1959 .....	10,915,790	7,025	1,857,245	906	9,395,853	2,457
1960 .....	8,459,742	5,413	2,389,329	1,127	10,911,030	3,259
1961 .....	7,245,044	4,581	4,031,829	1,774	11,329,159	3,055
1962 .....	7,908,722	5,107	4,944,042	1,818	13,463,174	3,868
1963 .....	7,562,509	4,871	5,209,306	1,595	13,659,443	3,775
1964 .....	7,692,081	4,721	5,709,869	1,710	13,585,833	3,746

TABLE 14. Custom Tanning, 1963 and 1964

Hides and skins treated for other firms or individuals	1963	1964
Sheep skins ..... doz.	57,421	40,602
Weight ..... lb.	3,075,020	2,230,920
Other hides or skins ..... No.	24,567	21,462
Total amount received from custom tanning ..... \$	887,925	587,273

List of Establishments classified to This Industry, 1964

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

Name	Location
<b>Quebec:</b>	
Beaudet, Georges .....	St-François-du-Lac
Bergeron, Ide Inc. ....	St-Gabriel-de-Brandon
Boucher, P.E. Ltée .....	St-Pascal
Clément, Edgar Ltée .....	35 Arago St. E., Québec
Coyle Tanning Co. Ltd. ....	9500 St. Lawrence Blvd., Montréal 11
Deluxe Leather Corp. ....	295 Laurendeau Ave., Montreal-East 5
Duclos & Payan Ltd. ....	St-Hyacinthe
Fortier, Nazaire Inc. ....	231 est, rue St-Vallier, Québec
Fournier, T. Antonio Ltée .....	1647, rue Savoie, Plessisville
Guttenstein, Max .....	9500 St. Lawrence Blvd., Montréal 11
Marcotte, Arthur & Fils .....	Portneuf
Mouton Processors Ltd. ....	2600 Mullin Street, Montréal 22
Tannerie Cantin Inc. ....	Loretteville
Tannerie Laurentienne Inc., La .....	30, rue Laurentienne, Québec 2

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
<b>Ontario:</b>	
Arbo Leather Co. Ltd. ....	121 Cavan St., Port Hope
Barrie Tanning Ltd. ....	55 Bradford Street, Barrie
Beardmore & Co. Ltd. ....	Acton
Breithaupt Leather Co. Ltd., The ....	Front St., Hastings
Breithaupt Leather Co. Ltd., The ....	371 Trent Drive, Campbellford
C.D.M. Hides Limited ....	109 Ryding Ave., Toronto
Clark A.R. & Co. Ltd. ....	633-663 Eastern Ave., Toronto 8
Collis Leather Co. Ltd., The ....	Tyler Street, Aurora
Davis, A. & Son Ltd. ....	407 Rideau Street, Kingston
Great Northern Leather Mfr's Ltd. ....	121 Prescott Ave., Toronto 9
Kendall, James R. Leather Co. Ltd. ....	185 Cross Ave., Oakville
Lackawanna Leather Co. of Canada Ltd., The ....	604 King St. W., Toronto 2B
Lewis, Gerry Limited ....	McMurphy Ave. S., Brampton
McCordick, F.C. Leathers Ltd. ....	86 Grantham Ave., St. Catharines
Robson-Lang Leathers Ltd. ....	John St., Barrie
Robson-Lang Leathers Ltd. ....	Alice St., Cobourg
Robson-Lang Leathers Ltd. ....	224 Madison Ave. S., Kitchener
Robson-Lang Leathers Ltd. ....	691 Richmond St., London
Robson-Lang Leathers Ltd. ....	Whiting Ave., Oshawa
Thunder Bay Tannery ....	436 Black Bay Road, Port Arthur
Wickett & Craig Ltd. ....	201 Eastern Avenue, Toronto 2
White Tanning Co. ....	Rockwood
<b>Manitoba:</b>	
Dominion Tanners Ltd. ....	743 Jarvis Ave., Winnipeg 4
McMillan Fur & Wool Co. Ltd. ....	1032 Logan Ave., Winnipeg 3
<b>Alberta:</b>	
Dominion Tanners Ltd. ....	12210 Mount Lawn Rd. Edmonton
Edmonton Tannery ....	9272-110A Avenue, Edmonton
<b>British Columbia:</b>	
Leckie J. Co. Ltd. ....	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 56 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 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 activities**

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. For those establishments reporting on the "long" form, 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. In the case of those establishments reporting on the "short" form, respondents are requested to report average annual figures. 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.). Data on man-hours are not collected from establishments reporting on the short form. Man-hours for these establishments are estimated on the basis of ratios derived from the 1958 census. During this census all establishments reported on the long form. 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 are 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 manufacturing materials, supplies, etc. and fuel and electricity consumed from the (value of shipments of goods of own manufacture 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 pur-

chased for re-sale) and the cost of non-manufacturing 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 output or 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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