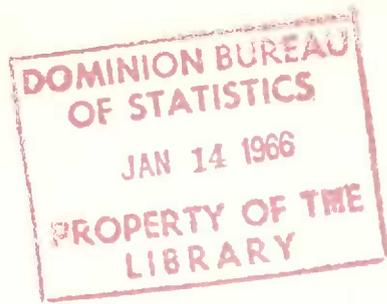


CATALOGUE No.

32-205

ANNUAL



# BREWERIES

## 1963

### ANNUAL CENSUS OF MANUFACTURES

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

DOMINION BUREAU OF STATISTICS  
Industry Division

January 1966  
6521-518

Price: 50 cents

## PUBLICATIONS

In addition to the report on this industry, the DBS publishes annual statistics on a number of related industries and current statistics on the more important commodities. Copies of reports provided in the following list are available from the Information and Public Relations Division of the DBS, Ottawa or from the Queen's Printer, Hull, P.Q.

Catalogue number	Title	Periodicity	Price	
			Per copy	Per year
11-001	DBS Daily Bulletin .....	D		\$1.00
11-003	Canadian Statistical Review .....	M	.50	5.00
31-001	Inventories, Shipments and Orders in Manufacturing Industries .....	M	.30	3.00
31-201	General Review of Manufacturing Industries of Canada .....	A		2.00
32-205	Breweries .....	A		.50
63-202	Control and Sale of Alcoholic Beverages in Canada .....	A		.50
65-004	Exports by Commodities .....	M	.75	7.50
65-007	Imports by Commodities .....	M	.75	7.50

A - Annual;

M - Monthly;

D - Daily

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information and Public Relations Division, Ottawa or to the Queen's Printer, Hull, P.Q.

## BREWERIES

1963

Tabular presentations of statistical data in this publication are aligned to show Manufacturing Activity and Total Activity of the establishments classified to this industry.

Sales taxes, excise duties and outward transportations values are not included in the columnar presentations for "Value of shipments of goods of own manufacture". For full details on these items, please refer to Table 7.

In addition to the statistical presentations this publication includes: —

- (a) List of establishments
- (b) Concepts and Definitions applicable to the Annual Census of Manufactures
- (c) Listing of DBS publications which supplement and complement the information herein presented.

### SYMBOLS

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

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

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

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961													
Totals .....	54	5,534	11,610	27,560	3,300	66,416	257,257	187,863	-	-	9,544	51,560	188,087
1962													
Newfoundland .....	3	475	1,095	1,910	296	8,065	17,332	9,022	-	-	661	3,011	9,034
Prince Edward Island .....	-												
Nova Scotia .....	2												
New Brunswick .....	2												
Quebec .....	4	1,422	3,066	7,750	829	17,871	62,951	44,462	-	-	2,966	17,648	44,471
Ontario .....	16	1,733	3,726	9,529	1,277	27,892	117,236	88,845	-	-	3,098	18,370	91,926
Manitoba .....	6	405	850	2,088	265	3,467	15,253	11,497	-	-	786	4,039	11,412
Saskatchewan .....	5	289	583	1,404	177	2,728	10,691	7,848	-	-	344	1,790	7,816
Alberta .....	6	390	789	1,869	236	4,394	17,816	13,098	-	-	557	2,943	13,056
British Columbia .....	6	408	817	2,104	290	6,266	22,395	15,918	-	-	634	3,493	15,883
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	50	5,122	10,927	26,655	3,370	70,682	263,674	190,690	-	-	9,046	51,294	193,598
1963													
Newfoundland .....	3	465	1,118	2,064	327	8,238	19,399	11,092	-	-	863	3,264	11,128
Prince Edward Island .....	-												
Nova Scotia .....	2												
New Brunswick .....	2												
Quebec .....	4	1,375	2,931	7,561	867	18,254	68,248	49,043	-	-	3,002	18,218	48,810
Ontario .....	15	1,777	3,771	9,803	1,345	27,871	119,445	90,131	-	-	3,141	19,285	92,960
Manitoba .....	6	413	823	2,104	257	3,499	15,848	12,097	-	-	782	4,067	12,015
Saskatchewan .....	5	276	558	1,417	166	3,005	11,550	8,330	-	-	338	1,659	8,292
Alberta .....	6	380	787	1,868	244	4,764	18,554	13,635	-	-	586	3,159	13,600
British Columbia .....	7	424	867	2,130	317	6,906	24,272	17,254	-	-	628	3,531	17,185
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	50	5,110	10,855	26,948	3,543	72,536	277,317	201,581	-	-	9,120	53,384	203,991

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	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 " 99,999	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 " 199,999	3	18	37	85	15	103	460	313	-	-	31	127	348
200,000 " 499,999		6	163	320	684	110	1,534	4,308	2,697	-	-	255	1,135
500,000 " 999,999	26	1,523	3,195	7,318	1,005	17,515	59,313	40,789	-	-	2,275	11,624	40,691
1,000,000 " 4,999,999	15	3,418	7,375	18,568	2,238	51,531	199,593	146,891	-	-	6,129	35,681	149,197
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	356	2,727	621
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	493	3,936	621
<b>Totals</b>	<b>50</b>	<b>5,122</b>	<b>10,927</b>	<b>26,655</b>	<b>3,370</b>	<b>70,682</b>	<b>263,674</b>	<b>190,690</b>	<b>-</b>	<b>-</b>	<b>9,046</b>	<b>51,294</b>	<b>193,598</b>
1963													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 " 99,999	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 " 199,999	4	43	85	181	40	293	1,131	803	-	-	68	320	851
200,000 " 499,999		4	101	210	445	76	768	3,093	2,298	-	-	170	791
500,000 " 999,999	26	1,401	3,020	6,979	1,032	17,463	59,931	41,841	-	-	2,140	11,405	41,768
1,000,000 " 4,999,999	16	3,565	7,541	19,343	2,394	54,013	213,161	156,639	-	-	6,249	36,932	158,739
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	493	3,936	311
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	493	3,936	311
<b>Totals</b>	<b>50</b>	<b>5,110</b>	<b>10,855</b>	<b>26,948</b>	<b>3,543</b>	<b>72,536</b>	<b>277,317</b>	<b>201,581</b>	<b>-</b>	<b>-</b>	<b>9,120</b>	<b>53,384</b>	<b>203,991</b>

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	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 " 99,999	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 " 199,999	4	62	128	265	39	680	1,240	511	-	-	85	357	555
200,000 " 499,999		3	61	119	237	49	526	1,891	1,326	-	-	109	457
500,000 " 999,999	8	279	544	1,342	200	2,450	8,893	8,265	-	-	403	2,071	6,245
1,000,000 " 4,999,999	24	1,720	3,708	8,391	1,130	22,235	74,500	51,320	-	-	2,741	14,210	51,179
5,000,000 and over	11	3,000	6,428	16,421	1,952	44,791	177,150	131,267	-	-	5,352	31,473	133,631
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	356	2,727	621
<b>Totals</b>	<b>50</b>	<b>5,122</b>	<b>10,927</b>	<b>26,655</b>	<b>3,370</b>	<b>70,682</b>	<b>263,674</b>	<b>190,690</b>	<b>-</b>	<b>-</b>	<b>9,046</b>	<b>51,294</b>	<b>193,598</b>
1963													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 " 99,999	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 " 199,999	5	68	141	294	57	448	1,751	1,274	-	-	114	516	1,358
200,000 " 499,999		9	291	605	1,448	231	2,987	10,078	6,909	-	-	426	2,244
500,000 " 999,999	26	1,957	4,245	9,940	1,343	26,692	89,324	61,750	-	-	2,985	16,083	61,529
1,000,000 " 4,999,999	10	2,794	5,864	15,266	1,912	42,409	176,164	131,647	-	-	5,102	30,605	133,864
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	493	3,936	311
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	493	3,936	311
<b>Totals</b>	<b>50</b>	<b>5,110</b>	<b>10,855</b>	<b>26,948</b>	<b>3,543</b>	<b>72,536</b>	<b>277,317</b>	<b>201,581</b>	<b>-</b>	<b>-</b>	<b>9,120</b>	<b>53,384</b>	<b>203,991</b>

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		'000			
<b>1962</b>													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	3	18	37	85	16	103	460	313	-	-	31	127	348
200,000 "	3	81	178	314	62	962	2,019	1,029	-	-	121	507	1,033
500,000 "	9	303	576	1,444	211	2,592	9,548	6,761	-	-	445	2,250	6,786
1,000,000 "	24	1,720	3,708	8,391	1,130	22,235	74,500	51,320	-	-	2,741	14,210	51,179
5,000,000 and over	11	3,000	6,428	16,421	1,952	44,791	177,150	131,267	-	-	5,352*	31,473	133,631
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	356	2,727	621
<b>Totals</b>	<b>50</b>	<b>5,122</b>	<b>10,927</b>	<b>26,655</b>	<b>3,370</b>	<b>70,682</b>	<b>263,674</b>	<b>190,690</b>	-	-	<b>9,046*</b>	<b>51,294</b>	<b>193,598</b>
<b>1963</b>													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	4	43	85	181	40	293	1,131	803	-	-	68	320	851
200,000 "	10	316	661	1,561	247	3,141	10,698	7,380	-	-	472	2,439	7,437
500,000 "	26	1,957	4,245	9,940	1,343	26,692	89,324	61,750	-	-	2,985	16,083	61,529
1,000,000 "	10	2,794	5,864	15,266	1,912	42,409	176,164	131,647	-	-	5,102	30,605	133,864
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	493	3,936	311
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	493	3,936	311
<b>Totals</b>	<b>50</b>	<b>5,110</b>	<b>10,855</b>	<b>26,948</b>	<b>3,543</b>	<b>72,536</b>	<b>277,317</b>	<b>201,581</b>	-	-	<b>9,120</b>	<b>53,384</b>	<b>203,991</b>

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		'000			
<b>1962</b>													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	
5- 14 employed	3	18	37	85	16	103	460	313	-	-	31	127	348
15- 49 "	6	152	290	664	109	1,325	4,710	3,291	-	-	249	1,170	3,315
50- 99 "	21	1,051	2,228	4,922	711	10,800	38,189	26,773	-	-	1,437	7,186	26,709
100-199 "	6	599	1,242	2,867	369	10,764	30,970	19,811	-	-	873	4,556	19,798
200-499 "	11	1,806	3,957	9,869	1,225	28,269	114,407	85,608	-	-	3,125	17,570	87,420
500 employed and over	3	1,496	3,175	8,248	940	19,420	74,939	54,893	-	-	2,975*	17,958	55,388
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	356	2,727	621
<b>Totals</b>	<b>50</b>	<b>5,122</b>	<b>10,927</b>	<b>26,655</b>	<b>3,370</b>	<b>70,682</b>	<b>263,674</b>	<b>190,690</b>	-	-	<b>9,046*</b>	<b>51,294</b>	<b>193,598</b>
<b>1963</b>													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	
5- 14 employed	12	264	538	1,209	225	2,483	9,578	6,971	-	-	428	2,145	7,040
15- 49 "	17	866	1,856	4,314	620	9,631	34,969	24,976	-	-	1,182	6,241	24,916
50- 99 "	8	800	1,711	3,634	524	13,943	42,513	28,306	-	-	1,169	6,235	28,235
100-199 "	10	1,682	3,628	9,545	1,173	26,748	113,613	85,614	-	-	2,836	16,498	66,495
200-499 "	3	1,498	3,123	8,046	1,001	19,731	76,624	55,715	-	-	3,012	18,329	56,995
500 employed and over	...	...	...	...	...	...	...	...	...	...	493	3,936	311
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	493	3,936	311
<b>Totals</b>	<b>50</b>	<b>5,110</b>	<b>10,855</b>	<b>26,948</b>	<b>3,543</b>	<b>72,536</b>	<b>277,317</b>	<b>201,581</b>	-	-	<b>9,120</b>	<b>53,384</b>	<b>203,991</b>

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

Type of organization	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													
Individual ownerships .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies .....	50	5,122	10,927	26,655	3,370	70,882	263,674	190,690	...	...	8,690 <sup>f</sup>	48,567	192,977
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	356	2,727	621
<b>Totals .....</b>	<b>50</b>	<b>5,122</b>	<b>10,927</b>	<b>26,655</b>	<b>3,370</b>	<b>70,882</b>	<b>263,674</b>	<b>190,690</b>	-	-	<b>9,046<sup>f</sup></b>	<b>51,294</b>	<b>193,598</b>
1963													
Individual ownerships .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies .....	50	5,110	10,855	26,948	3,543	72,536	277,317	201,581	...	...	8,627	49,948	203,680
Cooperatives .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	493	3,936	311
<b>Totals .....</b>	<b>50</b>	<b>5,110</b>	<b>10,855</b>	<b>26,948</b>	<b>3,543</b>	<b>72,536</b>	<b>277,317</b>	<b>201,581</b>	-	-	<b>9,120</b>	<b>53,384</b>	<b>203,991</b>

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						
<b>Output</b>						
1. Shipments and other revenue .....	263,674	277,317	10,573	10,687	274,247	288,004
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	10,887	11,215	...	...	10,887	11,215
Finished goods .....	9,594	9,965	...	...	9,594	9,965
Less opening - Goods in process .....	10,203	11,071	...	...	10,203	11,071
Finished goods .....	9,211	9,767	...	...	9,211	9,767
2. Net inventory change .....	1,067	342	...	...	1,067	342
3. Gross output (1 + 2) .....	264,741	277,659	10,573	10,687	275,314	288,346
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	6,779	7,198	6,779	7,198
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	18	13	18	13
Less closing .....	...	...	15	14	15	14
5. Cost of goods sold (not of own manufacture) .....	...	...	6,782	7,197	6,782	7,197
6. Materials, supplies, components and semi-processed goods .....	70,682	72,536	882	1,078	71,564	73,614
7. Fuel and electricity .....	3,370	3,543	...	...	3,370	3,543
8. Gross input (5 + 6 + 7) .....	74,052	76,079	7,664	8,275	81,716	84,354
<b>Census value added (3 - 8) .....</b>	<b>190,690</b>	<b>201,581</b>	<b>2,908</b>	<b>2,410</b>	<b>193,598</b>	<b>203,991</b>

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		Adminis- trative and office	Sales and distribution	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1962															
Newfoundland .....															
Prince Edward Island .....															
Nova Scotia .....	468	7	2	—	81	42	61	—	612	49	1,911	10	821	269	
New Brunswick .....															
Quebec .....	1,420	2	96 <sup>f</sup>	5	502	145	782	14	2,800 <sup>f</sup>	166	7,750	543	4,583	4,773	
Ontario .....	1,722	11	11	5	554	174	572	49	2,859	239	9,529	86	5,017	3,737	
Manitoba .....	404	1	—	—	97	36	228	20	729	57	2,088	—	854	1,097	
Saskatchewan .....	289	—	—	—	41	8	6	—	336	8	1,404	—	358	27	
Alberta .....	390	—	—	—	95	23	49	—	534	23	1,869	—	806	268	
British Columbia .....	408	—	8	—	78	25	112	3	606	28	2,104	28	712	651	
Yukon and Northwest Territories .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>Totals .....</b>	<b>5,101</b>	<b>21</b>	<b>117<sup>f</sup></b>	<b>10</b>	<b>1,448</b>	<b>453</b>	<b>1,810</b>	<b>86</b>	<b>8,476<sup>f</sup></b>	<b>570</b>	<b>26,655</b>	<b>667</b>	<b>13,150</b>	<b>10,822</b>	
1963															
Newfoundland .....															
Prince Edward Island .....															
Nova Scotia .....	455	10	2	—	82	46	68	—	607	56	2,064	11	844	345	
New Brunswick .....															
Quebec .....	1,368	7	96	5	592	165	789	—	2,825	177	7,561	561	5,655	4,441	
Ontario .....	1,777	—	5	5	586	170	536	62	2,904	237	9,803	43	5,806	3,632	
Manitoba .....	411	2	—	—	84	35	230	20	725	57	2,104	—	805	1,158	
Saskatchewan .....	276	—	—	—	38	10	13	1	327	11	1,417	—	373	69	
Alberta .....	380	—	3	—	98	30	54	1	535	31	1,868	13	995	283	
British Columbia .....	424	—	1	—	79	22	100	2	604	24	2,130	3	772	627	
Yukon and Northwest Territories .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>Totals .....</b>	<b>5,091</b>	<b>19</b>	<b>107</b>	<b>10</b>	<b>1,559</b>	<b>478</b>	<b>1,770</b>	<b>86</b>	<b>8,527</b>	<b>593</b>	<b>26,948</b>	<b>632</b>	<b>15,250</b>	<b>10,555</b>	

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

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January .....	4,808	23	4,652	18
February .....	4,965	20	4,803	17
March .....	5,028	20	4,948	18
April .....	5,071	18	5,158	18
May .....	5,196	20	5,327	18
June .....	5,557	21	5,509	18
July .....	5,597	20	5,573	19
August .....	5,386	17	5,385	19
September .....	4,887	22	4,969	19
October .....	4,814	21	4,965	19
November .....	5,022	24	4,929	19
December .....	4,861	23	4,874	19
Average for establishments reporting monthly detail (collected only for large establishments) ..	5,101	21	5,091	19
Average for small establishments (only annual averages collected) .....	...	...	...	...
Average for all establishments .....	5,101	21	5,091	19

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 .....	}	541	442	2,040	5	2,045
Prince Edward Island .....						
Nova Scotia .....						
New Brunswick .....						
Quebec .....	3,184	3,515	1,423	8,122	7	8,129
Ontario .....	6,201	4,374	5,802	16,377	2	16,379
Manitoba .....	374	323	557	1,255	-	1,255
Saskatchewan .....	403	479	403	1,286	-	1,286
Alberta .....	703	935	560	2,198	-	2,198
British Columbia .....	654	903	579	2,136	-	2,136
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals</b> .....	<b>12,577</b>	<b>11,071</b>	<b>9,767</b>	<b>33,414</b>	<b>14</b>	<b>33,428</b>
Closing:						
Newfoundland .....	}	744	498	2,285	5	2,290
Prince Edward Island .....						
Nova Scotia .....						
New Brunswick .....						
Quebec .....	3,508	3,357	1,496	8,361	6	8,366
Ontario .....	5,967	4,244	5,832	16,044	3	16,047
Manitoba .....	487	368	517	1,373	-	1,373
Saskatchewan .....	411	494	359	1,264	-	1,264
Alberta .....	558	967	616	2,141	-	2,141
British Columbia .....	749	1,041	646	2,436	-	-
Yukon and Northwest Territories .....	-	-	-	-	-	2,436
<b>Totals</b> .....	<b>12,724</b>	<b>11,215</b>	<b>9,965</b>	<b>33,903</b>	<b>13</b>	<b>33,916</b>

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	856	6,738	88
(b) Imported .....	"	28,097	19,811	246
Sub-bituminous coal (from Alberta mines only) .....	"	-	-	-
Anthracite coal .....	"	-	-	-
Lignite coal .....	"	6,593	2,239	15
Coke .....	"	-	-	-
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	1,225,527	1,193,573	400
Fuel oil including kerosene or coal oil .....	"	11,303,709	11,946,195	934
Wood .....	cord	-	4	-
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	16,978	12,816	5
(b) Other manufactured gas .....	M cu.ft.	-	-	-
(c) Natural gas .....	"	774,097	816,628	267
Other fuel .....		...	...	15
Electricity purchased .....	kwh.	170,171,410	197,040,792	1,572
Steam purchased .....		...	...	-
2. Estimate for small establishments:				
Fuel and electricity .....		...	...	...
3. All establishments:				
<b>Total fuel and electricity used</b> .....		<b>3,370</b>	<b>...</b>	<b>3,543</b>

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

Description	1962		1963	
	Quantity	Cost \$'000	Quantity	Cost \$'000
<b>1. Materials used:</b>				
Barley malt:				
Canadian .....	lb. 446,593,186	23,652	459,628,991	26,494
Imported .....	" -	-	10,950	1
Rice malt .....	" -	-	-	-
Other malt .....	lb. 41,500	3	273,588	20
Rice, including rice flakes and rice grits .....	" 13,572,973	974	14,283,542	1,011
Corn, including corn flakes and corn grits .....	" 34,294,176	1,861	35,411,925	2,070
Other grains (soybean flakes, wheat grits, etc.) .....	" 946,391	70	792,393	61
Hops:				
Canadian .....	" 1,468,568	1,029	1,366,753	993
Imported .....	" 1,882,154	1,350	2,002,843	1,555
Miscellaneous brewing ingredients:				
Beer colouring .....	" 781,009	141	879,141	156
Yeast .....	" 9,178	10	8,605	9
Foam retainers .....	" 145,373	256	161,541	320
Chillproofing and clarifying materials .....	" 323,450	384	238,504	399
Salts .....	" 2,489,529	205	2,540,730	221
Carbonic acid gas .....	" 273,058	25	454,297	42
Sugars .....	" 503,075	40	533,445	52
Miscellaneous brewing ingredients n.e.s. ....	" 1,221,449	242	1,247,311	255
Filtering agents .....	" 4,142,114	253	3,976,766	270
Cleaning materials (caustic soda, soda ash, sulphuric acid, etc.) .....	" 7,852,889	549	7,799,992	583
Water purchased .....	M gals. 3,559,092	883	3,319,646	962
Materials used for refrigeration .....	lb. 305,990	24	277,015	20
All other materials and components used .....	...	1,056	...	860
<b>2. Containers and other packaging and supplies used:</b>				
Cans .....	doz. 1,732,427	857	1,610,225	803
Cartons .....	...	16,982	...	16,379
Crowns .....	...	5,254	...	5,200
Labels .....	...	2,886	...	2,836
Keg expense .....	...	255	...	239
Bottle expense .....	...	7,229	...	5,894
Other packaging supplies .....	...	550	...	863
<b>3. Operating, maintenance and repair supplies used (excluding fuel)</b> .....	...	3,452	...	3,749
<b>4. Amount paid out to others for work done on materials owned by establishments</b> .....	...	162	...	219
<b>Totals</b> .....	...	<b>70,682</b>	...	<b>72,536</b>

TABLE 6 A. Returnable Containers Purchased during the Year, 1963

	Quantity	Value \$'000
<b>New bottles for malt beverages:</b>		
Small .....	doz. 15,073,713	5,986
Large .....	" 595,756	500
Cases for malt beverages .....	No. 13,392,943	2,981
<b>New barrels and kegs:</b>		
Metal .....	" 4,358	176
Wooden .....	-	-
New bottles for soft drinks .....	doz. 22,570	18
Wooden cases for soft drinks .....	No. 1,400	1

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

Description	1962		1963	
	Quantity	Value \$'000	Quantity	Value \$'000
<b>1. Products:</b>				
Beer, ale, stout, porter, etc.:				
In small bottles .....	gal. 176,885,596	320,836	184,823,221	336,028
In large bottles .....	" 24,898,722	37,786	24,315,185	37,628
In cans .....	" 1,541,296	2,628	1,403,837	2,250
Draught and bulk .....	" 52,624,783	64,146	55,088,692	67,507
Grains, dried for sale .....	ton 33,490	1,255	28,231	1,343
Grains sold wet .....	" 112,462	461	118,353	491
Carbonated beverages (soft drinks) .....	...	1	...	1
Yeast .....	...	1	...	1
Scrap cartons .....	...	1,215	...	1,164
All other products .....	...	827	...	1,001
<b>2. Amount received in payment for work done on materials and products owned by others .....</b>				
Less:				
Sales taxes .....	...	31,930	...	33,307
Excise duty on gallonage basis (replacing malt tax) .....	...	100,920	...	105,463
Gallonage tax, other .....	...	27,824	...	26,464
Brewers licence fees and permits .....	...	266	...	285
Other taxes .....	...	2,940	...	3,067
Outward transportation .....	...	1,599	...	1,510
Net adjustment for establishments receiving progress payments .....	...	-	...	-
<b>Total adjusted value of shipments and work done .....</b>	...	<b>263,674</b>	...	<b>277,317</b>

<sup>1</sup> Confidential: included in "All other products".

TABLE 8. The Following Statement Shows the Inventories<sup>1</sup>, Production and Sales of Beer, Ale, Stout and Porter, for the Years 1962 and 1963 for Canada and the Provinces

	On hand beginning of year	Produced during the year	Sold during the year	Wastage, shrinkage, etc.	On hand end of year
gallons					
1962					
Canada .....	30,446,114	271,340,076 <sup>1</sup>	255,950,397 <sup>1</sup>	13,670,635	32,165,158
Atlantic Provinces .....	1,248,277	13,618,999	12,618,635	881,883	1,366,758
Quebec .....	8,256,837	79,227,657	74,781,005	4,135,464	8,568,025
Ontario .....	12,989,906	112,278,766 <sup>1</sup>	106,104,247 <sup>1</sup>	5,080,615	14,083,810
Manitoba .....	1,811,428	13,421,897	12,716,464	764,057	1,752,804
Saskatchewan .....	1,404,432	10,726,748	10,257,676	542,118	1,331,386
Alberta .....	2,073,884	18,779,485	17,572,683	1,033,983	2,246,703
British Columbia .....	2,661,350	23,286,524	21,699,687	1,232,515	2,815,672
1963					
Canada .....	30,301,731	280,099,814	265,630,935	13,402,994	31,367,616
Atlantic Provinces .....	1,370,894	15,161,537	14,041,625	931,360	1,559,446
Quebec .....	7,465,346	81,135,407	76,237,623	3,936,508	8,426,622
Ontario .....	13,405,580	112,522,042	108,083,315	4,755,077	13,089,230
Manitoba .....	1,748,538	14,318,816	13,349,307	936,484	1,779,565
Saskatchewan .....	1,196,498	11,711,826	11,169,299	503,103	1,235,922
Alberta .....	2,134,611	20,035,943	19,031,790	1,084,955	2,053,809
British Columbia .....	2,980,264	25,214,241	23,717,976	1,253,507	3,223,022

<sup>1</sup> The differences in the quantities reported on hand at the beginning of the year and those reported at the end of the previous year are due to the receipt of revised data.

**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
<b>Newfoundland:</b>	
Bavarian Brewing Limited .....	Leslie St., St. John's
Bennett Brewing Co., Limited, The .....	Sudbury St., St. John's
Newfoundland Brewery Limited .....	55 Belvedere St., St. John's
<b>Nova Scotia:</b>	
Keith, A & Son Limited .....	112 Lower Water St., Halifax
Oland & Son Limited .....	65 Hollis St., Halifax
<b>New Brunswick:</b>	
Olands Brewery Limited .....	2-14 Carmarthen St., Saint John
Moosehead Breweries Limited .....	89-119 Main St., Lancaster
<b>Quebec:</b>	
Dow Brewery Limited (Montreal Plant) .....	990 Notre-Dame St. W., Montreal
Dow Brewery Limited (Quebec Plant) .....	15 St-Nicholas St., Quebec
John Labatt Limited .....	50 Labatt Ave., Ville LaSalle
Molson's Brewery Quebec Limited .....	1670 Notre-Dame St. E., Montreal
<b>Ontario:</b>	
Carling Breweries Limited, The .....	515 Riverside Drive, Windsor
Carling Breweries Limited, The .....	155 King St. S., Waterloo
Carling Breweries Limited, The .....	293 Niagara St., Toronto
Doran's Northern Ontario Breweries Ltd. ....	154 N. Algoma St., Port Arthur
Doran's Northern Ontario Breweries Ltd. ....	503 Bay St., Sault Ste Marie
Doran's Northern Ontario Breweries Ltd. ....	185 Lorne St., Sudbury
Doran's Northern Ontario Breweries Ltd. ....	319 Algonquin Blvd. E., Timmins
Dow Brewery (Ontario) Limited (Toronto) .....	276 Simcoe St., Toronto
Formosa Spring Brewery Limited .....	Formosa
Fort Frances Brewing Co., Limited .....	1009 Mill Road, Fort Frances
John Labatt Limited .....	311 King St. E., Toronto
John Labatt Limited .....	150 Simcoe Street, London
Molson's Brewery (Ontario) Limited .....	640 Fleet St. W., Toronto
O'Keefe Brewing Company Limited (Victoria Street Division) .....	297 Victoria Street, Toronto
O'Keefe Brewing Company Limited (Ottawa Division) .....	840 Wellington Street, Ottawa
<b>Manitoba:</b>	
Carling Breweries (Manitoba) Limited, The .....	Redwood & Main St., Winnipeg
Kiewit Brewing Company Limited, The .....	191 Dumoulin St., St. Boniface
Labatt's Manitoba Brewery Limited .....	137 Colony St., Winnipeg
Molson's Fort Garry Brewery Limited .....	721 Furby St., Winnipeg
O'Keefe Old Vienna Brewing Company Limited .....	49 Stadacona St., Winnipeg
Pelissier's Brewery Limited .....	409 Mulvey Ave., Winnipeg
<b>Saskatchewan:</b>	
Carling Breweries (Saskatchewan) Limited, The .....	921 Albert Street N., Regina
Labatt's Saskatchewan Brewery Limited .....	8th Street & Kilburn Ave., Saskatoon
Molson's Regina Brewery Limited .....	Dewdney Avenue, Regina
O'Keefe Brewing Company (Saskatchewan) Limited .....	519 Second Avenue North, Saskatoon
<b>Alberta:</b>	
Bohemian Maid Brewing Company Limited .....	10542 Saskatchewan Dr., Edmonton
Calgary Brewing & Malting Company Ltd. ....	9th Ave. & 15th St. E., Calgary
Carling Breweries (Alberta) Limited, The .....	5301-43rd. St., Red Deer
Dow Brewery (Western) Ltd. ....	Manchester Sub-Division, Calgary
Molson's Edmonton Brewery Limited .....	10439-121st St., Edmonton
Sick's Lethbridge Brewery Limited .....	1st St. & 2nd Ave. S., Lethbridge
<b>British Columbia:</b>	
Interior Breweries Limited .....	P.O. Box 1168, Creston
Lucky Lager Brewing Company (N.W.) Limited .....	210 Brunette Street, New Westminster
Lucky Lager Brewing Company (Victoria) Limited .....	1921 Government Street, Victoria
Molson's Capilano Brewery Limited .....	1550 Burrard Street, Vancouver
Carling Breweries (B.C.) Limited, The .....	2790 Vine Street, Vancouver
O'Keefe Old Vienna Brewing Co. (B.C.) Ltd. ....	3650 Lougheed Highway, Vancouver
Tartan Brewing Ltd. ....	Prince George

# 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 DRS publication Catalogue No. 61-202, "Survey of Production".



STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010712472