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DISTILLERIES

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

The industrial activity has two distinct operational aspects:

1. Distillation of spirits which may be placed in bond for maturing and thus not sold in the year in which they were produced. In addition, non-potable alcohol may be produced and may be sold in the year in which it was produced.
2. Purchase of matured beverage spirits for bottling and blending. In this process the blended and bottled commodities are immediately available for distribution.

In any analysis of the commodities produced or sold, due consideration should be accorded to the preceding two points and also to the volume of activity conducted within the industry. Table 7 and Table 8 show the commodity, volume and value factors.

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. Principal Statistics, 1961-64

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 manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961													
Totals	18	2,994	6,456	13,399	2,186	53,459	165,778	112,240	-	-	4,800	23,940	111,919
1962													
Totals	19	2,856	5,953	13,223	2,213	56,056	172,695	116,170	-	-	4,736	24,403	115,814
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	1	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec	6	899	1,932	4,334	882	17,317	54,363	35,812	-	-	1,633	9,074	35,795
Ontario	8	1,418	3,030	7,117	1,194	34,291	111,382	79,300	-	-	2,400	12,984	79,110
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	1	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	3	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	-	-	4,591	24,804	129,103
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	1	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec	6	902	1,942	4,549	912	17,827	58,712	38,093	-	-	1,634	9,462	38,066
Ontario	8	1,459	3,109	7,617	1,295	38,579	123,434	90,125	-	-	2,460	13,915	89,911
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	1	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	3	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	20	2,742	5,838	14,001	2,598	65,593	207,758	145,077	-	-	4,660	26,403	144,692

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

Size group	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													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
200,000 "	12	533	1,117	2,129	596	10,868	26,202	15,038	-	-	763	3,563	15,063
500,000 "	8	2,155	4,593	10,968	1,842	49,465	161,037	114,386	-	-	3,238	17,337	114,211
1,000,000 " 4,999,999	8	2,155	4,593	10,968	1,842	49,465	161,037	114,386	-	-	3,238	17,337	114,211
5,000,000 and over	8	2,155	4,593	10,968	1,842	49,465	161,037	114,386	-	-	3,238	17,337	114,211
Head offices, sales offices and auxiliary units	590	3,904	(171)
Totals	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	-	-	4,591	24,804	129,103
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
200,000 "	11	511	1,093	2,223	695	11,258	26,483	15,727	-	-	662	3,282	15,710
500,000 "	9	2,231	4,745	11,777	1,903	54,335	181,275	129,349	-	-	3,413	19,080	129,178
1,000,000 " 4,999,999	9	2,231	4,745	11,777	1,903	54,335	181,275	129,349	-	-	3,413	19,080	129,178
5,000,000 and over	9	2,231	4,745	11,777	1,903	54,335	181,275	129,349	-	-	3,413	19,080	129,178
Head offices, sales offices and auxiliary units	585	4,042	(196)
Totals	20	2,742	5,838	14,001	2,598	65,593	207,758	145,077	-	-	4,660	26,403	144,692

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

Size group	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													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	4	91	186	314	47	2,301	3,411	968	-	-	130	512	987
100,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
200,000 "	9	537	1,123	2,256	617	11,382	28,989	17,873	-	-	784	4,059	17,867
500,000 "	7	2,060	4,401	10,527	1,772	46,650	154,839	110,583	-	-	3,087	16,329	110,420
1,000,000 " 4,999,999	7	2,060	4,401	10,527	1,772	46,650	154,839	110,583	-	-	3,087	16,329	110,420
5,000,000 and over	7	2,060	4,401	10,527	1,772	46,650	154,839	110,583	-	-	3,087	16,329	110,420
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	590	3,904	(171)
Totals	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	-	-	4,591	24,804	129,103
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
200,000 "	4	108	217	384	74	2,532	4,197	1,731	-	-	150	605	1,745
500,000 "	8	466	1,004	2,106	633	11,621	28,281	17,106	-	-	647	3,393	17,062
1,000,000 " 4,999,999	8	466	1,004	2,106	633	11,621	28,281	17,106	-	-	647	3,393	17,062
5,000,000 and over	8	2,168	4,617	11,511	1,890	51,440	175,281	126,239	-	-	3,278	18,363	126,081
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	585	4,042	(196)
Totals	20	2,742	5,838	14,001	2,598	65,593	207,758	145,077	-	-	4,660	26,403	144,692

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 manufacture	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		
1963													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	4	91	186	314	47	2,301	3,411	968	-	-	130	512 987	
200,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
500,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000 "	9	537	1,123	2,256	617	11,382	28,989	17,873	-	-	784	4,059 17,867	
5,000,000 and over	7	2,060	4,401	10,527	1,772	46,650	154,839	110,583	-	-	3,087	16,329 110,420	
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	590	3,904 (171)
Totals	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	-	-	4,591	24,804 129,103	
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	4	108	217	384	74	2,532	4,197	1,731	-	-	150	605 1,745	
200,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
500,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000 "	8	466	1,004	2,106	633	11,621	28,281	17,106	-	-	647	3,393 17,062	
5,000,000 and over	8	2,168	4,617	11,511	1,890	51,440	175,281	126,239	-	-	3,278	18,363 126,061	
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	585	4,042 (196)
Totals	20	2,742	5,838	14,001	2,598	85,593	207,758	145,077	-	-	4,660	26,403 144,692	

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 manufacture	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		
1963													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	
5- 14 employed	5	124	255	521	61	3,188	6,276	3,126	-	-	159	696 3,158	
15- 49 "	5	235	474	991	441	4,942	12,802	8,113	-	-	350	1,808 8,115	
50- 99 "	4	437	923	1,978	366	9,352	28,018	17,929	-	-	604	3,163 17,901	
100-199 "	-	-	-	-	-	-	-	-	-	-	-	-	
200-499 "	6	1,892	4,058	9,607	1,550	42,851	140,142	100,256	-	-	2,888	15,233 100,101	
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	590	3,904 (171)
Totals	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	-	-	4,591	24,804 129,103	
1964													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	
5- 14 employed	5	136	276	577	117	3,498	7,111	3,624	-	-	169	748 3,639	
15- 49 "	5	262	544	1,217	497	6,665	16,276	10,223	-	-	359	1,982 10,186	
50- 99 "	3	285	625	1,216	166	7,228	16,911	10,480	-	-	443	2,484 10,458	
100-199 "	-	-	-	-	-	-	-	-	-	-	-	-	
200-499 "	7	2,059	4,393	10,990	1,617	48,202	167,460	120,750	-	-	3,104	17,148 120,606	
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	585	4,042 (196)
Totals	20	2,742	5,838	14,001	2,598	85,593	207,758	145,077	-	-	4,660	26,403 144,692	

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

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 manufac-ture	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			
1963													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	
Partnerships	-	-	-	-	-	-	-	-	-	-	-	-	
Incorporated companies	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	...	...	4,001	20,900	129,273
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	591	3,904	(171)
Totals	20	2,688	5,710	13,097	2,437	60,333	187,238	129,424	...	...	4,591	24,804	129,103
1964													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies	20	2,742	5,838	14,001	2,598	65,593	207,758	145,077	...	...	4,075	22,361	144,888
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	585	4,042	(196)
Totals	20	2,742	5,838	14,001	2,598	65,593	207,758	145,077	-	-	4,660	26,403	144,692

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	187,238	207,758	1,193	1,150	188,431	208,908
Inventories—Goods of own manufacture:						
Add closing—Goods in process	128,414	133,899	...	...	128,414	133,899
Finished goods	5,013	5,031	...	...	5,013	5,031
Deduct opening—Goods in process	123,547	128,414	...	...	123,547	128,414
Finished goods	4,924	5,007	...	...	4,924	5,007
2. Net inventory change	4,956	5,509	...	...	4,956	5,509
3. Gross output (1 + 2)	192,194	213,267	1,193	1,150	193,387	214,417
Input						
4. Purchases of goods not of own manufacture .....	...	...	880	798	880	798
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	4	12	4	12
Deduct closing .....	...	...	6	3	6	3
5. Cost of goods sold (not of own manufacture) .....	...	...	878	807	878	807
6. Materials, supplies, etc.	60,333	65,593	636	727	60,969	66,320
7. Fuel and electricity	2,437	2,598	...	...	2,437	2,598
8. Gross input (5 + 6 + 7)	62,770	68,191	1,514	1,534	64,284	69,725
Value added (3 - 8)	129,424	145,077	(321)	(384)	129,103	144,692

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		Admini- strative and office	Sales and distri- bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Quebec	649	250	9	1	294	156	242	32	1,194	439	4,334	25	3,080	1,634	9,074
Ontario	1,013	405	-	-	454	259	242	27	1,709	691	7,117	-	4,138	1,728	12,984
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
British Columbia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,927	761	9	1	853	457	521	62	3,310	1,281	13,097	25	8,050	3,632	24,804
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	x	x	-	-	x	x	x	x	x	x	x	-	x	-	x
Quebec	680	222	13	1	327	155	207	29	1,227	407	4,549	48	3,330	1,534	9,462
Ontario	1,054	405	1	-	462	254	253	31	1,770	890	7,617	2	4,411	1,886	13,915
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	x	x	-	-	x	x	x	x	x	x	x	-	x	-	x
British Columbia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	2,015	727	14	1	879	452	508	64	3,416	1,244	14,001	50	8,608	3,744	26,403

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	1,906	563	1,927	613
February	1,928	852	1,915	605
March	1,866	618	1,873	534
April	1,658	623	1,903	577
May	1,883	660	1,938	643
June	1,929	734	1,996	685
July	1,759	695	1,909	608
August	1,908	852	2,067	810
September	2,042	978	2,144	917
October	2,105	1,149	2,286	1,124
November	2,094	992	2,191	953
December	1,843	632	2,021	829
Averages	1,927	761	2,015	727
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments	1,927	761	2,015	727

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	x	x	x	x	-	x
New Brunswick	x	x	x	x	-	x
Quebec	3,100	41,865	1,816	46,780	4	46,784
Ontario	9,463	65,546	2,248	77,256	2	77,258
Manitoba	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-
Alberta	x	x	x	x	x	x
British Columbia	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	14,040	128,414	5,007	147,460	12	147,473
Closing:						
Newfoundland	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	x	x	x	x	-	x
New Brunswick	x	x	x	x	-	x
Quebec	2,501	39,843	1,958	44,302	1	44,303
Ontario	9,517	72,438	1,921	83,875	1	83,876
Manitoba	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-
Alberta	x	x	x	x	x	x
British Columbia	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	13,739	133,899	5,031	152,669	3	152,672

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	419	501	7
(b) Imported	"	63,809	64,167	853
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	614	709	10
Lignite coal	"	-	-	-
Coke	"	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	90,599	111,510	47
Fuel oil including kerosene or coal oil	"	8,354,775	8,253,821	620
Wood	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	2,555	4,179	2
(b) Other manufactured gas	M cu. ft.	-	-	-
(c) Natural gas	"	1,270,091	1,459,422	597
Other fuel .....		...	...	-
Electricity purchased	kwh.	45,459,600	43,402,849	373
Steam purchased .....		...	...	290
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....		...	...	-
3. All establishments:				
Total fuel and electricity used .....		...	...	2,598

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used:				
Corn:				
Canadian	lb. 187,988,547	5,196	205,393,428	6,143
Imported	" 194,200,705	5,551	171,459,275	5,203
Rye	" 77,262,714	2,135	94,440,186	2,571
Other grains	" 484,761	18	3,703,373	127
Malt, Canadian	" 49,288,058	2,907	47,679,304	2,713
Malt, Imported	" 28,000	2	716,464	40
Sugar	" 840,736	107	991,539	120
Molasses	" 52,857,452	1,022	78,934,884	1,750
Water purchased	M gal. 946,554	131	1,022,096	136
Denaturants:				
Wood alcohol	gal. 110,573	77	112,611	81
Other	" ..	106	" ..	131
Sulphite liquor, used in manufacturing alcohol	M gal. 268,799	142	319,423	171
Other materials (fruit extracts, flavoring, hops, yeast, etc.) used for distilling	" ...	539	" ...	218
Beverage spirits purchased for bottling and blending:				
Whiskies:				
Canadian	pf. gal. 7,181,932	10,378	7,253,738	10,260
Imported	" 449,525	1,067	557,543	1,407
Brandies:				
Canadian	" 50,377	180	24,834	78
Imported	" 102,281	387	86,489	285
Gins:				
Canadian	" 90,989	125	147,324	246
Imported	" 11,484	30	19,529	63
Rums:				
Canadian	" 190,812	199	381,642	439
Imported	" 372,787	857	300,122	739
Liqueurs, cordials, wines, etc.:				
Canadian	" 19,147	164	20,958	171
Imported	" 17,392	123	18,336	130
Other beverage spirits:				
Canadian	" 1,122,577	1,263	2,010,601	2,347
Imported	" 69,009	230	74,038	217
Industrial alcohol purchased for denaturing, etc.:				
Canadian	" 3,019,834	1,113	2,370,568	876
Imported	" -	-	" -	-
All other materials and components used	" ...	197	" ...	430
2. Containers and other packaging materials and supplies used:				
Bottles, Canadian	" ...	7,521	" ...	7,942
Bottles, imported	" ...	4,461	" ...	5,211
Cases, wooden	" ...	3	" ...	4
Cases and cartons, other than wooden	" ...	3,042	" ...	3,208
Other packaging materials (cans, drums, labels, corks, etc.)	" ...	6,839	" ...	7,045
Cooperage	" ...	1,875	" ...	2,351
3. Operating, maintenance and repair supplies used (excluding fuel)	" ...	1,830	" ...	2,166
4. Amount paid out to others for work done on materials owned by establishments	" ...	537	" ...	575
Totals	" ...	60,333	" ...	65,593

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

Description	1963		1964	
	Quantity	Value ¹ \$'000	Quantity	Value ¹ \$'000
1. Products:				
Sales of beverage spirits:				
A. Sales outside the industry:				
Whiskies:				
Highland pf. gal.	73,802	629	2	2
Canadian (rye) "	16,121,164	137,286	18,681,474	155,178
Other types "	2	2	2	2
Brandies pf. gal.	148,921	1,323	2	2
Gins "	1,519,770	9,447	1,779,284	11,368
Rums "	1,073,501	7,710	1,198,755	9,015
Vodka "	402,427	3,013	431,157	3,173
Liqueurs, cordials, cocktails, etc. "	163,744	1,854	2	2
Other beverage spirits "	505,481	553	571,744	4,075
Total sold outside the industry "	20,008,610	161,816	22,662,414	182,810
Value of sales and transfers within the industry "	10,151,797	16,320	10,541,574	15,800
Total value of beverage spirits sold "	30,160,407	178,136	33,203,988	198,609
B. Industrial alcohol:				
Denatured (for end use in antifreeze, perfume, solvents, hospitals laboratories, etc.) "	2,169,138	2,458	2,785,591	2,647
Not denatured "	3,966,194	2,302	2	2
Total industrial alcohol "	6,585,332	4,760	2,785,593	2,649
C. Other products and by-products:				
Fusel oil Imp. gal.	41,932	22	49,936	27
Distillers' grains, dried ton	55,807	3,405	54,642	3,231
Distillers' grains, sold wet "	29,836	92	36,054	113
All other products "	...	462	...	2,698
2. Amount received in payment for work done on materials and products owned by others "	...	-	...	471
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above "	...	(-)	...	(38)
Net adjustment for establishments receiving progress payments "	...	-	...	-
Total adjusted value of shipments and work done "	...	187,238	...	207,758

¹ Values exclude sales and other duties.

² Confidential, included with "Other Beverage Spirits".

³ Confidential, included with "All other products".

TABLE 14. Beverage Spirits Sold or Transferred during the Year, 1963 and 1964

	Sales outside the distilling industry excluding sales and excise taxes, etc.		Sales within the distilling industry excluding sales and excise taxes, etc.	
	Quantity	Value	Quantity	Value
	pf. gal.	\$'000	pf. gal.	\$'000
1963				
Whiskies:				
(a) Highland	73,602	629	¹	¹
(b) Canadian (rye)	16,121,164	137,286	7,106,564	12,759
(c) Other types	¹	¹	¹	¹
Brandies	148,921	1,323	¹	¹
Gins	1,519,770	9,447	214,940	678
Rums	1,073,501	7,710	227,557	597
Vodka	402,427	3,013	¹	¹
Liqueurs, etc.	163,744	1,854	¹	¹
Other beverage spirits	505,481	553	2,602,736	2,266
Totals	20,008,610	161,816	10,151,797	16,320
1964				
Whiskies:				
(a) Highland	¹	¹	-	-
(b) Canadian (rye)	18,681,474	155,178	7,600,242	12,920
(c) Other types	¹	¹	-	-
Brandies	¹	¹	¹	¹
Gins	1,779,284	11,368	200,755	315
Rums	1,198,755	9,015	¹	¹
Vodka	431,157	3,173	¹	¹
Liqueurs, etc.	¹	¹	¹	¹
Other beverage spirits	571,744	4,075	2,740,577	2,565
Totals	22,662,414	182,810	10,541,574	15,800

¹ Confidential, included with "Other beverage spirits".

TABLE 15. Shipments of Beverage Spirits and Industrial Ethyl Alcohol, All Industries

	1960	1961	1962	1963	1964 ^P
	proof gallons				
Beverage spirits:					
Sold to distributors	16,501,382	16,979,177	18,409,013	20,008,610	22,662,414
Sold to distilleries	17,897,341	9,646,861	8,884,164	10,151,797	10,541,574
Industrial ethyl alcohol:					
Denatured	x	x	x	x	2,785,591
Not denatured	x	x	x	x	5,183,754

TABLE 16. Production of New Spirits and Industrial Ethyl Alcohol, All Industries

	1960	1961	1962	1963	1964 ^P
	proof gallons				
Beverage spirits:					
Distilled from grain	25,256,863	27,854,475	28,322,316	32,556,935	33,835,419
Distilled from molasses and fruit	971,888	1,075,227	888,799	1,082,107	2,147,773
Industrial ethyl alcohol	6,341,452	6,456,067	6,032,695	6,187,592	7,220,367

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
Nova Scotia:	
Acadian Distillers Limited	Bridgetown
New Brunswick:	
Distillers Corp. Ltd.	Richibucto
Quebec:	
Canadian Schenley Distilleries Ltd.	1 Salaberry St. Valleyfield
Commercial Alcohols Limited	Main St., Gatineau
Distillers Corporation Limited	225 Lafleur Ave., LaSalle
La Distillerie Beaurpré Ltée	30 Ste-Marguerite St., Beaurpré
Meagher's Distillery Ltd.	1161 Britannia St., Montreal
Meibers Distilleries Limited	193 Montcalm St., Berthierville
Ontario:	
Calvert Distillers Limited	Amherstburg
Carrington Distillers (Ontario) Ltd.	39 Newcastle St., Mimico
Consolidated Alcohols Limited	2 Trinity St., Toronto
Corby, H. Distillery Limited	Corbyville
Gilbey, W. & A. (Canada) Limited	120 - 18th St., New Toronto
McGuinness, L. J. & Co. Limited	2 Algoma St., Mimico
Seagram, Joseph E. & Sons Limited	Waterloo
Walker, Hiram - Gooderham & Worts Ltd.	Walkerville
Alberta:	
Alberta Distillers Limited	14th St. & 34th Ave. S.E., Calgary
British Columbia:	
British Columbia Distillery Co. Limited, The	101 Braid St., New Westminster
Canadian Park & Tilford Ltd.	1240 Cotton Rd., North Vancouver
Potter Distilleries Ltd.	701 Aldford Ave., Annacis Island

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.

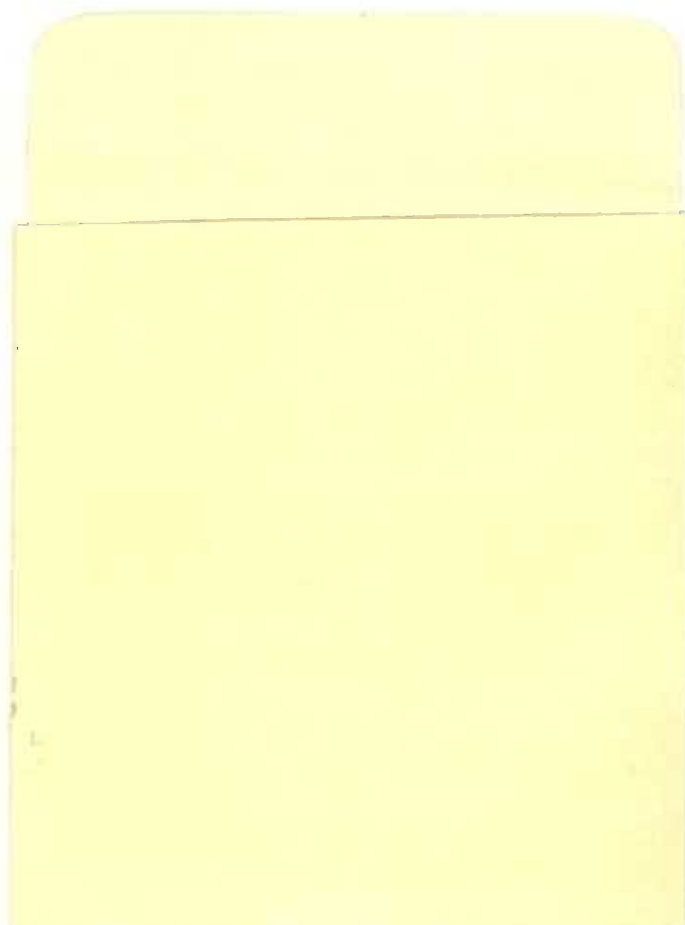
(c) By Total activities

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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