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1965

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BREWERIES

1965

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 13.

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, 1961-65

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961													
Totals	54	5,534	11,610	27,560	3,300	66,416	257,257	187,863	-	-	9,544	51,560	188,087
1962													
Totals	50	5,122	10,927	26,655	3,370	70,682	263,674	190,690	-	-	9,046	51,294	193,598
1963													
Totals	50	5,110	10,855	26,948	3,543	72,536	277,317	201,581	-	-	9,120	53,384	203,991
1964													
Newfoundland	3	459	1,068	2,065	340	8,254	20,017	11,437	-	-	875	3,322	11,506
Prince Edward Island.....	-												
Nova Scotia	2												
New Brunswick	2												
Quebec	4	1,351	2,897	7,743	898	18,494	73,986	54,179	-	-	3,032	18,862	53,827
Ontario	15	1,709	3,773	10,020	1,376	28,978	125,718	95,629	-	-	3,181	20,592	98,978
Manitoba.....	6	416	784	2,034	261	3,573	16,425	12,573	-	-	774	4,048	12,497
Saskatchewan	5	261	532	1,410	191	3,417	11,585	8,023	-	-	336	1,875	8,021
Alberta	7	402	826	2,043	281	5,340	18,826	13,324	-	-	612	3,442	13,368
British Columbia.....	7	401	804	2,132	330	7,139	24,679	17,159	-	-	637	3,632	17,066
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	-	-	9,247	55,772	215,263
1965													
Newfoundland	3	507	1,162	2,378	374	9,699	22,436	12,466	-	-	736	3,787	12,453
Prince Edward Island.....	-												
Nova Scotia	3												
New Brunswick	2												
Quebec	4	1,324	2,886	8,206	947	18,627	73,758	54,057	-	-	3,025	20,332	53,929
Ontario	15	1,796	4,024	11,174	1,454	32,809	131,329	97,169	-	-	3,341	22,391	100,608
Manitoba.....	6	385	725	2,003	271	3,464	14,690	10,948	-	-	781	4,191	10,868
Saskatchewan	5	257	527	1,414	197	3,716	12,180	8,285	-	-	347	2,014	8,293
Alberta	7	412	793	2,048	299	5,891	19,323	13,271	-	-	632	3,653	13,315
British Columbia.....	7	364	752	2,126	333	7,120	24,722	17,346	-	-	609	3,746	17,235
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	52	5,045	10,871	29,349	3,874	81,327	298,438	213,351	-	-	9,471	60,115	216,701

TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	4	38	79	175	41	283	1,115	785	-	-	66	318	1,007
200,000 "	4	102	214	456	73	760	3,148	2,279	-	-	172	852	2,304
500,000 "	25	1,219	2,574	6,141	945	15,460	50,879	34,597	-	-	1,877	9,936	34,656
1,000,000 "	18	3,640	7,816	20,674	2,618	58,692	236,095	174,663	-	-	6,558	39,954	177,155
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	574	4,712	141
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	-	-	9,247	55,772	215,263
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	4	40	80	197	42	321	1,146	820	-	-	66	340	1,000
200,000 "	4	94	201	457	76	778	3,004	2,178	-	-	167	852	2,176
500,000 "	27	1,333	2,776	7,053	1,087	18,941	59,897	39,810	-	-	2,158	12,012	39,712
1,000,000 "	17	3,578	7,814	21,642	2,669	61,287	234,392	170,742	-	-	6,432	41,562	173,710
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	648	5,349	103
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	52	5,045	10,871	29,349	3,874	81,327	298,438	213,551	-	-	9,471	60,115	216,701

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	4	38	79	175	41	283	1,115	785	-	-	66	318	1,007
200,000 "	10	300	652	1,553	248	3,483	10,694	7,003	-	-	461	2,473	7,131
500,000 "	26	1,817	3,846	9,376	1,307	26,277	85,355	57,745	-	-	2,768	15,145	57,580
1,000,000 "	11	2,844	6,106	16,342	2,081	45,152	194,072	146,791	-	-	5,378	33,123	149,404
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	574	4,712	41
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	-	-	9,247	55,772	215,263
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 "	-	-	-	-	-	-	-	-	-	-	-	-	
100,000 "	6	85	176	396	80	671	2,443	1,748	-	-	144	720	1,921
200,000 "	6	185	406	1,007	163	2,096	6,695	4,470	-	-	296	1,648	4,481
500,000 "	30	2,049	4,260	10,914	1,542	32,080	97,257	63,786	-	-	3,222	18,122	63,508
1,000,000 "	10	2,726	6,028	17,033	2,090	46,480	192,043	143,546	-	-	5,161	34,275	146,681
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	648	5,349	103
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	52	5,045	10,871	29,349	3,874	81,327	298,438	213,551	-	-	9,471	60,115	216,701

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1964 and 1965

Size group	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000			\$'000		\$'000		
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	
50,000 " 99,999	4	38	79	175	41	283	1,115	785	-	-	66	318	1,007
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999													
1,000,000 " 4,999,999													
5,000,000 and over	11	2,844	6,106	16,342	2,081	45,152	194,072	146,791	-	-	5,378	33,123	149,404
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	574	4,712	141
Totals	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	-	-	9,247	55,772	215,263
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	-	-	-	-	-	-	-	-	-	-	-	-	-
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	-
50,000 " 99,999	6	85	176	396	80	671	2,442	1,748	-	-	144	720	1,921
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999													
1,000,000 " 4,999,999													
5,000,000 and over	10	2,726	6,028	17,033	2,090	46,480	192,043	143,546	-	-	5,161	34,275	146,688
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	648	5,349	103
Totals	52	5,045	10,871	29,349	3,874	81,327	298,438	213,551	-	-	9,471	60,115	216,701

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1964 and 1965

Size group	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000			\$'000		\$'000		
1964													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	
5 - 14 employed	14	320	678	1,636	293	3,611	12,061	8,191	-	-	511	2,752	8,456
15 - 49 "													
50 - 99 "													
100 - 199 "													
200 - 499 "													
500 employed and over	4	1,639	3,573	9,491	1,192	22,769	93,985	69,548	-	-	3,482	21,549	69,299
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	574	4,712	141
Totals	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	-	-	9,247	55,772	215,263
1965													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 14 employed	12	245	518	1,285	233	2,776	9,639	6,930	-	-	416	2,311	7,094
15 - 49 "													
50 - 99 "													
100 - 199 "													
200 - 499 "													
500 employed and over	4	1,643	3,709	10,414	1,270	23,689	96,064	71,266	-	-	3,516	23,494	71,343
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	648	5,349	103
Totals	52	5,045	10,871	29,349	3,874	81,327	298,438	213,551	-	-	9,471	60,115	216,701

TABLE 6. Principal Statistics classified by Type of Organization, 1964 and 1965

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1964													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	...	...	8,673	51,060	215,122
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	574	4,712	141
Totals	51	4,999	10,684	27,446	3,677	75,195	291,237	212,324	-	-	9,247	55,772	215,263
1965													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies	52	5,045	10,871	29,349	3,874	81,327	298,438	213,551	...	...	8,823	54,766	216,598
Co-operatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	648	5,349	103
Totals	52	5,045	10,871	29,349	3,874	81,327	298,438	213,551	-	-	9,471	60,115	216,701

TABLE 7. Calculation of Output, Input and Value Added, 1964 and 1965

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1964	1965	1964	1965	1964	1965
\$'000						
Output						
1. Shipments and other revenue	291,237	298,438	12,900	14,088	304,137	312,526
Inventories—Goods of own manufacture:						
Add closing—Goods in process	11,141	8,110	...	...	11,141	8,110
Finished goods	10,070	8,060	...	...	10,070	8,060
Deduct opening—Goods in process	11,344	7,960	...	...	11,344	7,960
Finished goods	9,907	7,896	...	...	9,907	7,896
2. Net inventory change	(40)	314	...	...	(40)	314
3. Gross output (1 + 2)	291,197	298,752	12,900	14,088	304,097	312,840
Input						
4. Purchases of goods not of own manufacture .....	...	...	8,564	9,538	8,564	9,538
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	138	104	138	104
Deduct closing .....	...	...	189	120	189	120
5. Cost of goods sold (not of own manufacture) .....	...	...	8,513	9,522	8,513	9,522
6. Materials, supplies, etc.	75,195	81,327	1,447	1,415	76,642	82,742
7. Fuel and electricity	3,677	3,874	...	...	3,677	3,874
8. Gross input (5 + 6 + 7)	78,872	85,201	9,960	10,937	88,832	96,138
Value added (3 - 8)	212,324	213,551	2,940	3,151	215,263	216,701

TABLE 8. Employment and Payroll, 1964 and 1965

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis-trative and office		Sales and distribution		Total		Production and related workers		Adminis-trative and office	Sales and distri-bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1964															
Newfoundland															
Prince Edward Island															
Nova Scotia	449	10	2	-	91	46	74	3	616	59	2,065	11	862	384	3,322
New Brunswick															
Quebec	1,349	2	80	5	606	173	817	-	2,852	180	7,743	476	5,807	4,836	18,862
Ontario	1,709	-	13	10	616	178	577	78	2,915	266	10,020	103	6,354	4,114	20,592
Manitoba	415	1	1	1	88	34	216	18	720	54	2,034	7	783	1,224	4,048
Saskatchewan	261	-	3	-	34	13	24	1	322	14	1,410	15	343	107	1,875
Alberta	402	-	6	1	102	37	60	4	570	42	2,043	36	1,036	326	3,442
British Columbia	401	-	2	-	81	25	123	5	607	30	2,132	8	756	736	3,632
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	4,986	13	107	17	1,618	506	1,891	109	8,602	645	27,446	657	15,942	11,727	55,772
1965															
Newfoundland															
Prince Edward Island															
Nova Scotia	498	9	2	-	89	54	80	4	669	67	2,378	12	941	455	3,787
New Brunswick															
Quebec	1,322	2	94	5	623	175	804	-	2,843	182	8,206	584	6,257	5,285	20,332
Ontario	1,796	-	15	9	658	196	591	76	3,060	281	11,174	115	6,974	4,128	22,391
Manitoba	376	9	1	1	93	34	242	25	712	69	2,003	8	878	1,303	4,191
Saskatchewan	257	-	-	-	40	12	34	4	331	16	1,414	-	410	191	2,014
Alberta	412	-	8	1	107	45	56	3	583	49	2,048	58	1,227	320	3,653
British Columbia	364	-	2	-	81	28	127	7	574	35	2,126	8	872	740	3,746
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	5,025	20	122	16	1,691	544	1,934	119	8,772	699	29,349	785	17,559	12,422	60,115

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1964 and 1965

Month	1964		1965	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January	4,629	13	4,760	19
February	4,657	13	4,830	21
March	4,794	13	4,931	21
April	4,925	13	4,996	21
May	5,143	13	5,117	19
June	5,368	13	5,387	19
July	5,501	13	5,558	19
August	5,285	13	5,344	17
September	4,880	14	4,708	19
October	4,815	14	4,669	19
November	4,850	14	4,931	18
December	4,912	14	4,998	18
Averages	4,986	13	5,025	20
Establishments reporting annual averages (small establishments only)	...	...	...	...
Average for all establishments	4,986	13	5,025	20

TABLE 10. Inventories,¹ 1965

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	}	1,156	399	469	2,024	3
Prince Edward Island						
Nova Scotia						
New Brunswick						
Quebec		3,782	2,808	1,269	7,859	6
Ontario		6,666	2,534	6,759	15,960	90
Manitoba		776	581	327	1,685	4
Saskatchewan		548	326	358	1,231	-
Alberta		785	488	444	1,717	-
British Columbia		1,106	823	626	2,555	-
Yukon and Northwest Territories		-	-	-	-	-
Totals		14,819	7,960	10,252	33,031	104
Closing:						
Newfoundland	}	1,188	385	586	2,158	6
Prince Edward Island						
Nova Scotia						
New Brunswick						
Quebec		3,896	2,712	1,238	7,846	15
Ontario		6,843	2,693	5,840	15,376	99
Manitoba		817	538	363	1,718	-
Saskatchewan		556	325	386	1,266	-
Alberta		843	521	549	1,913	-
British Columbia		1,032	937	590	2,559	-
Yukon and Northwest Territories		-	-	-	-	-
Totals		15,174	8,110	9,552	32,836	120

TABLE 11. Purchased Fuel and Electricity Used, 1964 and 1965

Description	1964		1965		
	Quantity	Cost	Quantity	Cost	
		\$'000		\$'000	
1. Large establishments reporting commodity detail:					
Bituminous coal:					
(a) From Canadian mines	ton	13,638	167	14,337	178
(b) Imported	"	8,254	107	3,026	42
Sub-bituminous coal (from Alberta mines only)	"	-	-	-	-
Anthracite coal	"	-	-	-	-
Lignite coal	"	358	3	405	3
Coke	"	-	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	1,166,311	392	1,157,476	387
Fuel oil including kerosene or coal oil	"	13,220,374	1,062	14,423,399	1,202
Wood	cord	10	--	15	--
Gas:					
(a) Liquefied petroleum gases	Imp. gal.	26,161	7	28,786	9
(b) Other manufactured gas	M cu. ft.	-	-	-	-
(c) Natural gas	"	849,668	297	1,041,788	350
Other fuel .....	...	...	17	...	15
Electricity purchased	kwh.	199,012,299	1,624	186,205,437	1,687
Steam purchased .....	...	...	-	...	-
2. Small establishments not reporting commodity detail:					
Estimate for fuel and electricity .....	...	...	-	...	-
3. All establishments:					
Total fuel and electricity used .....	...	...	3,677	...	3,874

¹ The difference between figures in Table 10 and those in Table 7 arises from firms reporting output of products on the basis of production rather than of shipments. Consequently, inventories of finished products for such respondents are not taken into account for purposes of compiling value added in Table 7. See also "Concepts and Definitions" for explanation of other variances.

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964 and 1965

Description	1964		1965	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Barley malt:				
Canadian	lb. 473,457,982	26,868	491,285,652	29,069
Imported	" 222,630	18	167,228	15
Rice malt	-	-	-	-
Other malt	lb. 173,525	13	131,732	11
Rice, including rice flakes and rice grits	" 13,147,919	946	13,243,688	963
Corn, including corn flakes and corn grits	" 38,995,179	2,227	42,902,823	2,376
Other grains (soybean flakes, wheat grits, etc.)	" 558,062	44	685,790	55
Hops:				
Canadian	" 1,348,114	982	1,258,494	915
Imported	" 1,836,633	1,521	1,924,065	1,561
Miscellaneous brewing ingredients:				
Beer colouring	" 855,301	175	737,560	147
Yeast	" 5,078	7	5,635	9
Foam retainers	" 141,538	300	137,916	312
Chillproofing and clarifying materials	" 243,731	542	268,408	554
Salts	" 2,747,393	253	2,898,708	222
Carbonic acid gas	" 146,275	14	308,186	23
Sugars	" 62,433	7	388,712	33
Miscellaneous brewing ingredients n.e.s. ....	... ..	108	... ..	493
Filtering agents	lb. 3,965,443	301	4,611,261	324
Cleaning materials (caustic soda, soda ash, sulphuric acid, etc.)	" 8,902,765	570	8,240,643	635
Water purchased	M gals. 3,562,020	1,064	3,732,228	1,095
Materials used for refrigeration	lb. 127,062	18	191,189	19
All other materials and components used .....	... ..	517	... ..	231
2. Containers and other packaging and supplies used:				
Cans	doz. 1,748,794	887	5,388,794	2,923
Cartons .....	... ..	16,549	... ..	16,959
Crowns .....	... ..	5,208	... ..	5,124
Labels .....	... ..	2,793	... ..	2,674
Keg expense .....	... ..	306	... ..	406
Bottle expense .....	... ..	7,470	... ..	7,759
Other packaging supplies .....	... ..	951	... ..	1,299
3. Operating, maintenance and repair supplies used (excluding fuel)				
	... ..	4,360	... ..	4,706
4. Amount paid out to others for work done on materials owned by establishments				
	... ..	178	... ..	415
Totals .....	... ..	75,195	... ..	81,327

TABLE 12 A. Returnable Containers Purchased, 1964 and 1965

Description	1964		1965	
	Quantity	Value \$'000	Quantity	Value \$'000
New containers for malt beverages:				
Bottles, small	doz. 13,514,712	5,310	9,420,167	3,644
Bottles, large	" 506,653	441	501,589	449
Cases, wooden	-	-	-	-
Cases, corrugated paper (retrippers)	No. 10,738,006	2,452	12,395,262	2,223
Barrels and kegs, metal	" 15,119	596	8,064	333
Barrels and kegs, wooden	" -	-	76	2
New containers for soft drinks:				
Bottles	doz. 60,156	51	177,896	136
Cases, wooden	" 1,040	9	5,252	33

TABLE 13. Shipments of Goods of Own Manufacture, 1964 and 1965

Description	1964		1965	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Beer, ale, stout, porter, etc.:				
In small bottles gal.	191,260,410	351,864	194,469,932	357,815
In large bottles "	23,103,108	36,884	22,290,797	35,385
In cans "	1,452,814	2,314	4,790,923	9,437
Draught and bulk "	59,034,774	72,407	60,069,710	73,795
Grains, dried for sale ton	33,211	1,354	34,795	1,560
Grains sold wet "	133,319	509	124,729	545
Carbonated beverages (soft drinks) .....	...	1	...	1
Yeast .....	...	1	...	1
Scrap cartons .....	...	1,177	...	976
All other products .....	...	1,033	...	1,482
2. Amount received in payment for work done on materials and products owned by others	...	--	...	--
Less:				
Sales taxes .....	...	36,525	...	37,501
Excise duty on gallonage basis (replacing malt tax) .....	...	106,824	...	109,062
Gallonage tax, other .....	...	27,575	...	28,967
Brewers licence fees and permits .....	...	288	...	329
Other taxes .....	...	3,205	...	3,175
Outward transportation .....	...	1,889	...	3,523
Net adjustment for establishments receiving progress payments .....	...	--	...	--
Total adjusted value of shipments and work done .....	...	291,237	...	298,438

¹ Confidential: included in "All other products".

TABLE 14. The Following Statement Shows the Inventories,¹ Production and Sales of Beer, Ale, Stout and Porter, for the Years 1964 and 1965 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		
1964					
Canada	32,935,018	287,239,171	274,851,106	14,074,096	31,422,362
Atlantic Provinces	1,681,618	15,524,111	14,470,658	1,093,027	1,642,044
Quebec	8,426,622	82,272,680	79,479,471	3,717,361	7,695,770
Ontario	14,261,343	117,752,955	112,896,228	5,508,319	13,588,901
Manitoba	1,782,287	14,093,908	13,295,673	860,894	1,720,553
Saskatchewan	1,336,163	11,747,153	11,215,082	488,723	1,379,511
Alberta	2,161,435	20,384,835	19,012,468	1,216,019	2,317,783
British Columbia	3,285,550	25,463,529	24,481,526	1,189,753	3,077,800
1965					
Canada	34,378,883	298,837,449	281,700,158	16,529,368	34,971,796
Atlantic Provinces	1,731,862	17,742,918	16,426,169	1,177,975	1,870,636
Quebec	8,693,591	84,073,881	79,175,797	4,829,007	8,779,743
Ontario	15,031,301	124,808,692	118,072,715	6,693,002	15,045,359
Manitoba	1,805,062	13,720,509	12,994,698	738,434	1,789,271
Saskatchewan	1,418,117	12,401,898	11,757,262	543,505	1,519,248
Alberta	2,347,891	20,546,441	19,137,626	1,311,698	2,445,008
British Columbia	3,351,059	25,543,110	24,135,891	1,235,747	3,522,531

¹ 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, 1965

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

Name	Location
Newfoundland:	
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
Nova Scotia:	
Keith, A & Son Limited.....	1475 Hollis St., Halifax
Moosehead Breweries Ltd.	656 Windmill Rd., Dartmouth
Oland & Son Limited	1475 Hollis St., Halifax
New Brunswick:	
Olands Brewery Limited.....	Simms St., Lancaster
Moosehead Breweries Limited	89-119 Main St., Lancaster
Quebec:	
Dow Brewery Limited	990 Notre-Dame St. W., Montreal
Dow Brewery Limited	15 St-Nicholas St., Quebec
John Labatt Limited, la Brasserie Labatt Ltée.	50 Labatt Ave., Ville LaSalle
Molson's Brewery Quebec Limited	1670 Notre-Dame St. E., Montreal
Ontario:	
Beck Brewing Co. Ltd.	1009 Mill Rd., Fort Frances
Carling Breweries Limited, The	515 Riverside Drive, Windsor
Carling Breweries Limited, The	155 King St. S., Waterloo
Carling Breweries Limited, The	1 Carlingview Rd., Rexdale
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	276 Simcoe St., Toronto
Formosa Spring Brewery Limited	Formosa
Molson's Brewery (Ontario) Limited	640 Fleet St. W., Toronto
O'Keefe Brewing Company Limited	297 Victoria Street, Toronto
O'Keefe Brewing Company Limited	840 Wellington Street, Ottawa
Ontario Breweries Ltd.	150 Simcoe St., London
Ontario Breweries Ltd.	311 King St. E., Toronto
Manitoba:	
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 Co. (Manitoba) Ltd.	49 Stadacona St., Winnipeg
Pelissier's Brewery Limited	409 Muivey Ave., Winnipeg
Saskatchewan:	
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 Old Vienna Brewing Company (Saskatchewan) Limited	519 Second Avenue North, Saskatoon
Sicks' Bohemian Brewery Ltd.	554-17th St. W., Prince Albert
Alberta:	
Bohemian Maid Brewing Company Limited	10542 Saskatchewan Dr., Edmonton
Calgary Brewing & Maltng 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
Labatt's Alberta Brewery Ltd.	4415 Calgary Trail, Edmonton
Molson's Edmonton Brewery Limited	10439-121st St., Edmonton
Sick's Lethbridge Brewery Limited.....	1st St. & 2nd Ave. S., Lethbridge
British Columbia:	
Interior Breweries Limited	P.O. Box 1168, Creston
Lucky Lager Breweries Ltd.	210 Brunette Street, New Westminster
Lucky Lager Breweries Ltd.	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 55 (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 135 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 reports reflect the complete implementation of these changes and enable comparisons to be made back to and including 1961. 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).

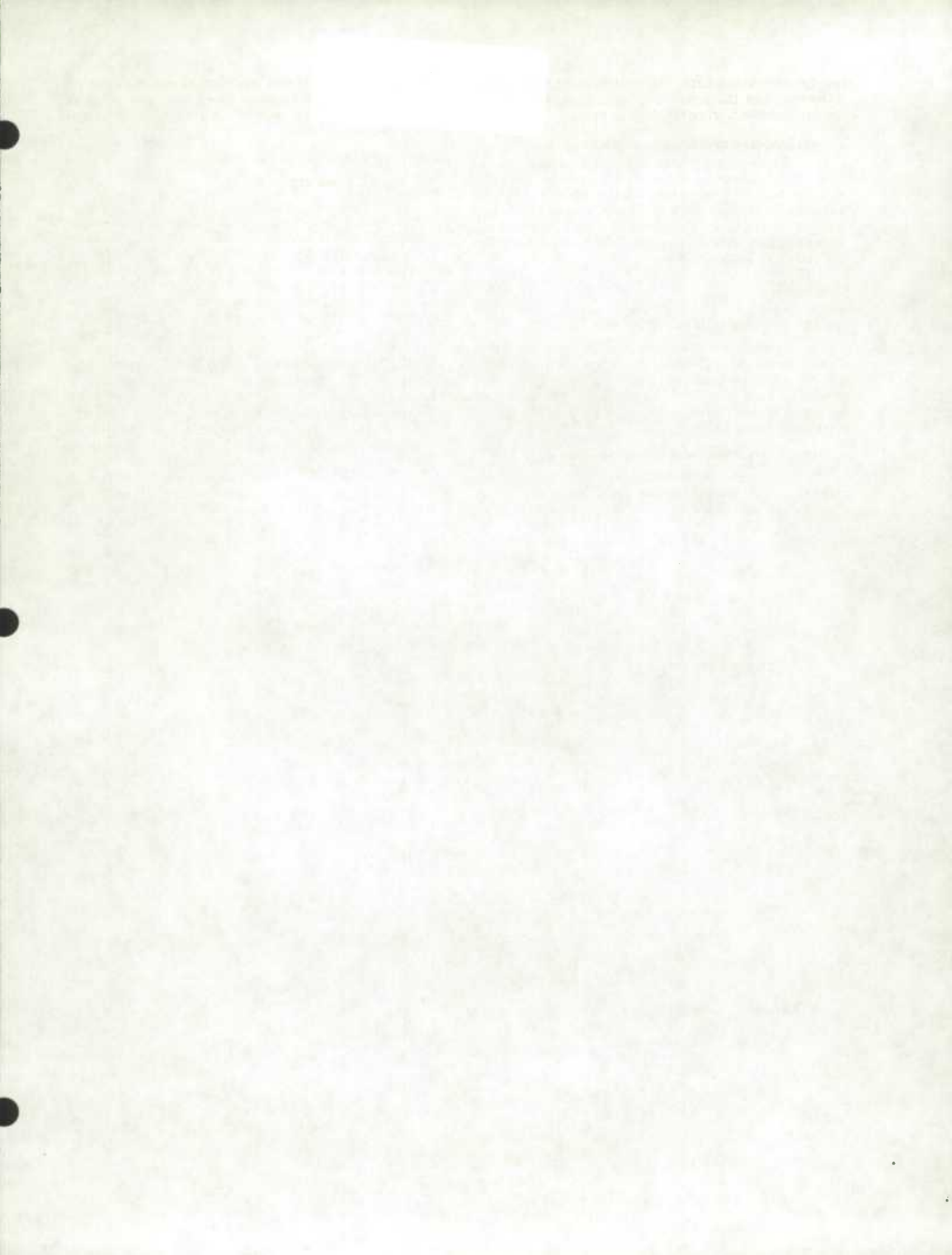
(b) By non-manufacturing activities

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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