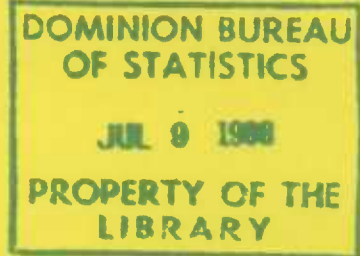


CATALOGUE No.

31-502

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CONSUMPTION OF CONTAINERS AND OTHER
PACKAGING SUPPLIES BY THE
MANUFACTURING INDUSTRIES

1962

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Manufacturing Industries

1962

ERRATA (2)

	<u>Reads</u>	<u>Should read</u>
Page 22, line 5	117	2,604
Page 24, line 12	1,762	1,362
Page 42, footnote (2)	B	C
Page 42, footnote (2)	C	D
Page 42, footnote (3) D	Key	Keg

Page 8, line 31 (above)

Under "Major group industry and area" column insert: "Bakeries"

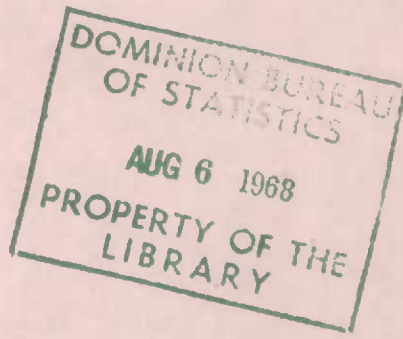
Page 22, line 16

Under "total consumption" column insert: 15,630 (missing)

Page 24, line 31

Under "total consumption" column insert: 14,944 (missing)

6509-513



CATALOGUE No.
31-502
OCCASIONAL

Consumption of Containers and Other
Packaging Supplies by the
Manufacturing Industries

1962

ERRATA

Page 26, Line 21 (in part)

	<u>Folding... paperboard</u>	<u>Corrugated... cartons</u>	<u>Wooden... kegs</u>
	thousands of dollars		
Reads	4,467	611	392
Should read	322	4,303	845

Page 26, Line 27

Under "Total consumption" column insert: 15,962 (missing)

DOMINION BUREAU OF STATISTICS
Manufacturing and Primary Industries Division

CONSUMPTION OF CONTAINERS AND OTHER PACKAGING
SUPPLIES BY THE MANUFACTURING INDUSTRIES

1962

Published by Authority of
The Minister of Trade and Commerce

July 1968
6509-513

Price: 75 cents

INTRODUCTION

This special publication brings together the results of two statistical surveys to provide data on the value of containers and other packaging supplies used by the manufacturing industries. It presents information by major industry groups, by individual three or four-digit industries (as defined in Catalogue No. 12-501, Standard Industrial Classification Manual) and, as far as possible, by province.

The surveys which resulted in this publication are the annual Census of Manufactures 1962 and a "Special Enquiry Into the Use of Containers and Other Packaging Materials and Supplies for 1962". The information collected for containers in the Annual Census of Manufactures does not, as a general rule, involve detailed commodity breakdown, but only total value of containers, etc., used. Thus, it was necessary to undertake the "Special Enquiry". The Census did, however, provide control totals for use with the Enquiry as well as providing benchmark data for use in the development of the survey universe for the enquiry.

This Enquiry was introduced specifically as part of a program to obtain sufficient commodity detail for use in the construction of the 1961 Input-Output Tables. A second consideration was to explore the feasibility of collecting such data as a regular part of the annual Census of Manufactures.

The Enquiry was only sent to manufacturing establishments in those industries where, from the Annual Census of Manufactures, it had been determined that the use of containers was relatively significant. It was not sent to those establishments where sufficient detail was available from the Census of Manufactures (SIC 143, 145, 147 and 153): in total, 99 industries were covered.

The Central Research and Development Staff of the Bureau were responsible for the collection, editing and tabulation of the results. The data were used as the basis for estimates of the use of containers in the 1961 Input-Output Tables.

At this stage, it was decided to correlate the data from the "Enquiry" with those from the 1962 Census of Manufactures in order to publish detailed statistics on the type of containers used in the manufacturing industries for the year 1962. This stage of the work was undertaken by the Manufacturing and Primary Industries Division in co-operation with the Input-Output Research and Development Staff of the Bureau.

The procedures involved a combination of the "Special Enquiry" data with the results of the annual Census of Manufactures data for those industries not surveyed in the "Special Enquiry" so as to present a composite and overall picture for the survey year 1962 covering the consumption of containers, etc., by the Manufacturing Industries of Canada.

In summary, this involved the combining of the data from the 99 industries surveyed in the "Special Enquiry", the four industries on which the Census of Manufactures provided detailed data covering the consumption of containers, etc., and that from the remaining industries, on which the Annual Census provided only total consumption data, into one table. This combined table, Table 2, shows the overall consumption by the Manufacturing Industries of Canada. This approach used throughout the basic 1962 Census of Manufactures data as a "framework" and also entailed, where necessary, the reconciliation of the "Special Enquiry" detailed data with the general data of the regular Annual Census.

Since the quality of the data from the "Special Enquiry" was acceptable and since there is a continuing requirement for the data, both for input-output purposes and for other users of industry statistics, it was decided to implement suitable details of containers used in the Census of Manufactures. This was introduced in the 1966 Census and is continuing.

This occasional paper comprises three tables as follows:

1. Table 1 showing the 1962 "Total consumption of containers and other packaging supplies", by major industry group for Canada and the provinces.
2. Table 2 giving similar 1962 consumption data for all manufacturing industries. In the majority of cases, detailed consumption in data are presented for each industry. For the remainder, only total Canada data, derived from the 1962 Census of Manufactures, are available.
3. Table 3 showing, for the industries surveyed in the "Special Enquiry", a detailed breakdown of the consumption of "Other containers, packaging materials and supplies". The data in this table are an expansion of the last column of Table 2. It should be noted that the totals of this table at the industry level, both for Canada and (where applicable) by province, correspond with the comparable totals presented in Table 2.

For those industries for which provincial detail is not presented, this is due to either suppression of data at this level in keeping with the Act or to the fact that no establishments for this particular industry were located in the province(s). As far as possible, in order to avoid suppression of data, combinations of provinces have been made.

The limitations of the data contained in this report may be, as suggested above, broadly divided into two areas:

- (a) Those stemming from the "Special Enquiry"; and
- (b) Those forming part of the regular Census of Manufactures Survey.

In the former instance, complete coverage was not always obtained, as opposed to the regular Census mentioned in (b) above. As a result, it was necessary in the case of the "Special Enquiry" to make allowances for non-response and the data collected determined, in accordance with standard Bureau practice, whether the industry would only be published at the "Canada" level or whether provincial data would also be provided. In the case of those industries wherein the information was derived from the regular Census, the published results are subject to a small but unknown error, stemming from a combination of both external reporting and internal editing errors.

Finally, again with respect to this "Special Enquiry", it is quite evident, from a hindsight point of view, that some unnecessary items were specified separately on the questionnaire and other required items were omitted. This particular point is very well evidenced by a comparison of the information collected on the schedule (Appendix A) with the actual detail published in Table 2. The final limitation is that these data do not cover purchases of containers, etc., in the reporting year, since the term, "consumption", refers to actual usage. In other words, no account has been taken of the differences between the openings and closing inventories of these packaging materials, and these data do not, therefore, represent the apparent total market for containers, etc.

Bearing the above limitations in mind, it is considered that these data should prove very useful to market researchers, sales managers, importers (where applicable), etc., as a historical base for use in conjunction with the detailed data consumption of containers, etc., being published as part of our regular individual industries Census of Manufactures reports, beginning with the survey year 1966.

TABLE 1. 1962 Total Consumption of Containers and other Packaging Supplies

Canada and Provinces by Industry Group

No.	Major group	Canada	Newfoundland	Prince Edward Island
		thousands of dollars		
1	Food and beverage industries	393,123	3,268	1,587
2	Tobacco products industries	28,667		
3	Rubber industries	4,568		
4	Leather industries	4,187	8	
5	Textile industries	11,502	13	
6	Knitting mills	4,185		
7	Clothing industries	6,528	4	
8	Wood industries	2,812	2	
9	Furniture and fixture industry	6,989		
10	Paper and allied industries	31,670	1,132	
11	Printing, publishing and allied industries	3,306	1	1
12	Primary metal industries	8,373	1	
13	Metal fabricating industries (except machinery and transportation equipment industries)	15,630	5	
14	Machinery industries (except electrical machinery)	3,748		
15	Transportation equipment industries	5,399		
16	Electrical products industries	14,944		
17	Non-metallic mineral product industries	15,962	157	
18	Petroleum and coal products industries	11,923		
19	Chemical and chemical products industries	100,406	154	152
20	Miscellaneous manufacturing industries	12,117	4	
	Total manufacturing	686,039	4,749	1,740

TABLE 1. 1962 Total Consumption of Containers and other Packaging Supplies

Canada and Provinces by Industry Group

Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	No.
thousands of dollars								
12,216	11,295	96,497	186,224	16,930	8,387	18,562	38,157	1
		21,628	7,039					2
		1,519	3,015			34		3
18	35	2,191	1,856	59		3	17	4
40	14	6,874	4,224	26		232	79	5
255	6	2,429	1,451	7			37	6
25	26	4,103	2,006	243	11	46	64	7
17	21	651	569	15	13	59	1,465	8
23	3	2,938	3,330	373		104	218	9
455	1,022	12,230	12,114	1,081	11	354	3,271	10
14	24	688	2,330	131	8	37	72	11
2	5	1,761	5,826	65	1	483	229	12
106	20	6,466	8,080	242	20	81	610	13
2		1,074	2,553	68	1	17	33	14
9	6	635	4,609	124		16		15
11	97	4,073	10,317	166	14	66	200	16
120	292	4,587	7,842	347	197	1,830	590	17
43		2,020	7,157	85	38	2,042	538	18
304	288	23,665	67,609	1,667	112	2,324	4,131	19
5	54	3,240	8,476	136	5	69	128	20
13,665	13,208	199,269	346,627	21,765	8,818	26,359	49,839	

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corru-gated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	1 - FOOD AND BEVERAGE INDUSTRIES						
	Slaughtering and meat packing plants:						
1	Atlantic Provinces	949	67	247	54	6	8
2	Quebec	7,705	2,013	1,248	196	993	87
3	Ontario	10,682	1,949	2,475	293	2,162	198
4	Manitoba	3,818	524	1,014	63	959	12
5	Saskatchewan	946	116	295	4	187	1
6	Alberta	4,980	352	1,161	75	1,369	75
7	British Columbia	1,848	344	349	15	527	
8	Canada	30,928	5,365	6,835	704	6,203	380
	Animal oils and fats plants:						
9	Canada	107				2	61
	Sausage and sausage casing manufacturers:						
10	Quebec	237	43	92	3		
11	Ontario	704	119	189			
12	Other Provinces	209	2	46	1		
13	Canada	1,150	163	326	5		
	Poultry processors:						
14	Quebec	2,099	317	308	531	176	
15	Ontario	1,777	98	359	654	7	
16	Manitoba	410	61	123	10		
17	Saskatchewan	375	58	113	12	10	
18	Alberta	779	89	229	44	29	
19	British Columbia	525	2	189	35	50	
20	Other Provinces	238		56	66	71	
21	Canada	6,201	624	1,376	1,351	343	
	Butter and cheese plants:						
22	Eastern Provinces	709	20	108	15	305	
23	Quebec	2,032	270	291	319	189	14
24	Ontario	2,184	90	467	296	253	6
25	Manitoba	334	71	104	19	3	
26	Saskatchewan	372	112	84	48	7	
27	Alberta and British Columbia	623	131	120	5	7	
28	Canada	6,254	694	1,175	703	763	20
	Pasteurizing plants:						
29	Nova Scotia and New Brunswick	625	273	23	7	46	1
30	Quebec	3,192	212	29	36	30	16
31	Ontario	6,783	247	134	105	50	
32	Manitoba	1,221	19	29	17	23	
33	Saskatchewan	810		49	11	5	
34	Alberta	1,657	182	124	50	30	1
35	British Columbia	2,408	113	61	1	8	
36	Canada	16,694	1,047	449	226	191	17
	Condenseries:						
37	Quebec	2,042		180	5	1,697	
38	Ontario	6,180	351	928	21	4,076	52
39	Alberta	1,327	75	35		1,147	
40	Other Provinces	2,017		168		1,745	
41	Canada	11,566	426	1,311	26	8,665	52
	Ice cream manufacturers:						
42	Quebec	458	215	7			
43	Ontario	1,977	879	127			
44	British Columbia	303	121	46			
45	Other Provinces	683	317	41			
46	Canada	3,421	1,553	221			

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Trans-parent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
thousands of dollars											
5		5	25	129	54	65	92	5	162	26	1
31	33	68	30	340	776	323	651	4	460	451	2
19	49		267	240	1,047	629	775	20	416	144	3
5	119		61	5	344	87	160	11	42	415	4
			21	54	3	77	8		59	121	5
1	18		125	148	663	442	183	1	328	35	6
		6	10	64	65	97	182	6	89	49	7
61	218	79	539	980	2,953	1,718	2,051	47	1,556	1,240	8
			4	39					2		9
			1		5	41	47		7	-	10
11	1		8		78	28	78		54	138	11
					20	17			122	2	12
11	1		9		103	86	125		183	139	13
	40		17	8	244	19	46		172	220	14
1	1		25	2	467	57	4		52	53	15
			7		162	7	12		17	11	16
			8		144	9	2		10	8	17
			44		144	67	90		18	25	18
			2	24	15	23	160		23	5	19
			6		11	7			21	-	20
	41		109	34	1,186	188	313		312	323	21
2	15		8	5	2	55	2		21	151	22
1	38		282	61	128	344	48		22	24	23
7	26		243	4	86	220	54		158	274	24
	1		6		6	33			19	72	25
13	7		8		2	25			29	36	26
90	23		35		56	40			10	105	27
113	110		582	70	280	718	105		258	664	28
16	83		26			7		3		115	29
112	259	161	173		8	306		32	27	1,791	30
58	573	31	40		2	174	17	21	28	4,305	31
	23		1		29	115	1		6	958	32
	37	1	1		2	57		24	11	612	33
99	133	24	27		10	32	2	24	29	891	34
10	48	16	7		27	56		24	54	2,007	35
296	1,155	232	275		77	748	19	105	155	11,703	36
			65						94	1	37
33	1		111	4	40	101			430	31	38
			1		1				68	-	39
						19			83	2	40
33	1		178	4	41	120			675	34	41
9			8			192	5		5	18	42
123	2		178			168	4	1	81	415	43
14			7		2	98			1	13	44
40	18	22	16			39			8	182	45
186	20	22	209		2	497	9	1	95	628	46

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	1 - FOOD AND BEVERAGE INDUSTRIES - Continued						
	Process cheese manufacturers:						
1	Canada	6,885	755	1,108		72	
	Fish products industry:						
2	Newfoundland	1,335	357	493	208		8
3	Prince Edward Island	257		2	25	212	
4	Nova Scotia	2,854	625	414	984	203	7
5	New Brunswick	2,214	144	684	64	1,191	
6	Quebec	548	167	63	160	66	9
7	Ontario and Manitoba	545	59	18	134		
8	British Columbia	7,221	209	527	311	5,610	14
9	Canada	14,974	1,562	2,200	1,886	7,281	40
	Fruit and vegetable canners and preservers:						
10	Eastern Provinces	2,480	146	608		1,153	35
11	Quebec	14,021	53	1,307	3	8,457	3
12	Ontario	56,036	825	5,864	3	36,053	51
13	Prairie Provinces	3,950	818	440		2,091	
14	British Columbia	8,121	367	1,011	4	5,182	22
15	Canada	84,608	2,208	9,229	9	52,937	111
	Feed manufacturers:						
16	Atlantic Provinces	389					
17	Quebec	2,493		3	8	5	
18	Ontario	4,880	59	409		180	1
19	Western Provinces	3,280	23	154		1,662	10
20	Canada	11,042	82	566	8	3,469	11
	Flour mills:						
21	Quebec	2,585					
22	Ontario	3,886	136	474			
23	Manitoba and Saskatchewan	4,871	200	317		532	
24	Alberta	1,884		11			
25	Canada	13,225	336	803		532	
	Breakfast cereal manufacturers:						
26	Canada	6,359	2,211	2,134		32	
	Biscuit manufacturers:						
27	Quebec	5,896	979	1,612		12	
28	Ontario	6,074	1,751	1,178		43	
29	Other Provinces	1,803	293	631			
30	Canada	13,774	3,023	3,421		55	
31	Newfoundland, Nova Scotia, New Brunswick	2,341	414	465	1	1	1
32	Quebec	8,592	2,439	799	2		
33	Ontario	10,933	2,424	1,136		11	
34	Manitoba and Saskatchewan	1,913	298	314			
35	Alberta	1,316	147	134			
36	British Columbia	1,771	214	216	2		
37	Canada	26,865	5,937	3,064	5	12	1
	Confectionery manufacturers:						
38	Quebec	4,052	1,251	625	2	315	
39	Ontario	10,590	3,318	1,223		346	10
40	Other Provinces	2,654	867	437		74	
41	Canada	17,296	5,436	2,285	2	735	10
	Sugar refineries:						
42	Canada	6,363	573	651		172	7

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Trans-parent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
thousands of dollars											
35	2,109		18		182	160	1,123	712	381	232	1
			3	36	3	83	40		100	4	2
			10	4			1		3	1	3
1			14	74	66	197	148		106	15	4
			2	18	7	4	27		70	4	5
14				13		6	45		3	4	6
	134					116	21	59	2	3	7
	87		231		22	58	29		108	15	8
15	220		261	145	97	464	310	59	392	45	9
5	211		12		40	89		42	65	74	10
79	2,594	105	26	1	13	3	2	223	944	210	11
6	6,704		92	3	466	93	103	1,765	3,387	622	12
4	285		49	8	6	4	27	3	214	2	13
257	376		23		84	29	44	89	62	18	14
349	10,170	105	202	12	610	218	176	2,122	5,224	926	15
			295	80	2				11	1	16
	1		453	1,948		5			70	2	17
			586	1,704	5	2			278	34	18
			731	445	2				148	105	19
	1		2,064	4,178	10	7			506	142	20
			1,192	1,393							21
			1,457	1,652		163			1	3	22
			1,483	2,063	23	17			232	4	23
			788	1,046	8	2			25	16	24
			4,920	6,152	31	182			258	13	25
			203	95	57	1,113			210	303	26
	7		189		713	894	790	2	554	144	27
			128		529	668	711		913	153	28
			41		41	250	285		168	94	29
	7		358		1,283	1,812	1,785	2	1,635	391	30
	1		7		47	190	535		666	14	31
			284	9	309	86	2,344		2,096	223	32
			153	3	394	197	2,954		2,909	752	33
			6		92	48	585		551	19	34
			24		46	83	474		279	129	35
			25		78	11	510		703	12	36
1	1		498	12	966	614	7,402		7,205	1,150	37
98	13	3	29		273	524	196	3	529	190	38
68	88		186	7	492	2,048	663	26	1,604	509	39
9			123		227	87	470		150	210	40
175	101	3	338	7	993	2,659	1,330	29	2,284	909	41
	19		3,139	1,045	325	177	51	7	32	167	42

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
1 - FOOD AND BEVERAGE INDUSTRIES - Concluded							
Vegetable oil mills:							
1	Canada	1,192	1	2		101	25
Macaroni manufacturers:							
2	Canada	2,672	1,490	734			
Miscellaneous food manufacturers:							
3	Eastern Provinces	2,762	472	547			
4	Quebec	13,079	1,543	1,935	6	850	26
5	Ontario	20,582	2,982	3,330	12	2,681	247
6	Prairie Provinces	1,786	239	343		86	
7	British Columbia	3,763	489	602		399	
8	Canada	41,972	5,725	6,757	18	4,015	273
Soft drink manufacturers(1):							
9	Newfoundland	125					
10	Prince Edward Island	25					
11	Nova Scotia	224					
12	New Brunswick	151					
13	Quebec	3,649					
14	Ontario	4,014					
15	Manitoba	489					
16	Saskatchewan	306					
17	Alberta	471					
18	British Columbia	724					
19	Canada	10,178					
Distilleries(2):							
20	Quebec	6,540		A 1,080	B 33		
21	Ontario	13,161		1,813	3		
22	Other Provinces	2,580		381	43		
23	Canada	22,281		3,273	80		
Breweries(3):							
24	Eastern Provinces	5,673		A 1,268	B 318		
25	Quebec	7,209		3,328	341		
26	Ontario	13,334		8,052	198		
27	Manitoba	1,665		915			
28	Saskatchewan	1,163		799			
29	Alberta	1,638		926			
30	British Columbia	3,402		1,694			
31	Canada	34,083		16,982	857		
Wineries(4):							
32	Ontario	2,518		A 406			
33	Other Provinces	515		86			
34	Canada	3,033		491			
35	Group 1 - Total	393,123					
2 - TOBACCO PRODUCTS INDUSTRIES							
Leaf tobacco processing:							
36	Quebec	90	1	16	67		
37	Ontario	1,015			975		
38	Canada	1,105	1	16	1,042		
Tobacco products manufacturers(5):							
39	Quebec	21,538	A 1,407	B 115	C 17	D 5,666	
40	Ontario	6,023	8	67		2,828	
41	Canada	27,561	1,415	182	17	8,494	
42	Group 2 - Total	28,667					

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Transparent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
			2	1,041		1			2	16	1
			2		368	13			40	24	2
3			431		163	461	131		86	468	3
235	2,143	105	902	92	615	2,574	316	576	484	678	4
926	2,659	41	1,312	288	309	2,713	432	782	803	1,065	5
264	82		420	102	86	59			27	79	6
41	768		327	38	132	305	104	199	64	295	7
1,470	5,652	146	3,393	519	1,304	6,111	983	1,557	1,463	2,586	8
											9
											10
											11
											12
											13
											14
											15
											16
											17
											18
											19
	C	D							E		20
	1,101	1,912							329	2,086	21
	1,470	5,378							913	3,584	22
	503	805							144	704	23
	3,074	8,095							1,385	6,375	24
	C	D						E	F		25
	3,582	1						268	184	52	26
	664	22						1,678	1,017	158	27
	1,485	133						2,182	1,051	234	28
	252	8						298	177	16	29
	45	16						184	96	22	30
	235	39						279	136	24	31
	1,037	38						365	225	44	32
	7,299	255						5,254	2,886	550	33
	B								C		34
	1,698								20	395	35
	355								4	71	36
	2,053								24	465	37
											38
			4	2	21	3			3	13	39
			4	2	21	3			3	13	40
						E	F		G		41
						1,671	2,245		3,753	6,665	42
						632	585		999	903	
						2,303	2,830		4,752	7,569	

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
thousands of dollars							
3 - RUBBER INDUSTRIES							
Rubber footwear manufacturers:							
1	Canada	1,082	530	497			
Rubber tire and tube manufacturers:							
2	Canada	718	8	345	70	23	3
Other rubber industries:							
3	Quebec	729	106	338	26	42	14
4	Ontario	2,040	469	675	14	155	55
5	Canada	2,768	575	1,013	41	197	69
6	Group 3 - Total	4,568					
4 - LEATHER INDUSTRIES							
Leather tanneries:							
7	Ontario	134	11	36	1		
8	Other Provinces	45	2	1		16	
9	Canada	178	12	36	1	16	
Shoe factories:							
10	Quebec	1,772	1,119	513	3	2	1
11	Ontario	1,396	862	423			
12	Other Provinces	92	48	40			
13	Canada	3,260	2,029	975	3	2	1
Leather glove factories:							
14	Quebec	62	18	24	2		
15	Ontario	12	4	6			
16	Other Provinces	9	3	2			
17	Canada	83	24	31	2		
Luggage, handbag and small leather goods manufacturers:							
18	Quebec	319	88	149	1	3	1
19	Ontario	314	102	156			
20	Other Provinces	33	1	28			
21	Canada	666	191	333	1	3	1
22	Group 4 - Total	4,187					
5 - TEXTILE INDUSTRIES							
Cotton yarn and cloth mills:							
23	Quebec	1,509	136	775	11		1
24	Ontario	575	53	237			
25	Other Provinces	47		9	5		
26	Canada	2,131	189	1,021	16		1
Wool yarn mills:							
27	Canada	382	92	151			
Wool cloth mills:							
28	Quebec	170	17	12	46		
29	Other Provinces	159	36	27	16		
30	Canada	329	53	38	62		
Synthetic textile mills:							
31	Quebec	1,234	190	425	4		
32	Other Provinces	1,492	450	334	1	29	62
33	Canada	2,726	640	759	4	29	62

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Trans-parent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
					5	31			17	2	1
27	1		8		19	37	24		132	21	2
	2	1	26	38	12	43	13		11	57	3
10	1	10	10		27	47	18		120	428	4
10	3	10	36	38	38	90	32		131	485	5
											6
				3		41	2		10	31	7
	3			1		20			3	1	8
	3			4		60	2		12	32	9
	2	1			6	67			57		10
					1	29			80		11
						1	1		1		12
	2	1			6	97	1		138		13
			1		6	6	1		5	1	14
					1	1				1	15
					2	1			1		16
			1		9	8	1		6	2	17
			2	1	1	50			13	11	18
			1		1	13			10	32	19
						2					20
			3	1	2	64			23	43	21
											22
			6	57	33	185	18		63	225	23
			8	8	7	89	21		39	114	24
			1	10		12			2	10	25
			14	75	40	285	39		103	349	26
			2	2	24	18			83	11	27
				2	2	39	2		4	44	28
			4	2	4	46	3		6	16	29
			4	2	6	85	6		10	60	30
				17	31	148	6		35	378	31
			16	24	18	67	95		29	367	32
			16	41	49	215	101		64	744	33

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	5 - TEXTILE INDUSTRIES - Concluded						
	Fibre preparing mills:						
1	Quebec	87			39		
2	Other Provinces	64	1		16		
3	Canada	151	1		55		
	Thread mills:						
4	Canada	504	148		21		
	Cordage and twine industry:						
5	Canada	445	9		137		
	Narrow fabric mills:						
6	Quebec	289	9		32	4	
7	Ontario	22	2		17		
8	Canada	311	12		49	4	
	Pressed and punched felt mills:						
9	Canada	134			2		
	Carpet, mat and rug industry:						
10	Canada	272			26		
	Textile dyeing and finishing plants:						
11	Quebec	193	18		79		
12	Ontario	55	3		16		
13	Canada	248	21		94		
	Linoleum and coated fabrics industry:						
14	Quebec	480			201	1	82
15	Ontario	93	1		12	2	1
16	Canada	573	1		213	3	83
	Canvas products industry:						
17	Quebec	41			28		
18	Ontario	54	2		35		1
19	Western Provinces	25	1		11	1	
20	Canada	121	4		74	1	1
	Cotton and jute bag industry:						
21	Canada	37			14		
	Miscellaneous textile industries:						
22	Canada	3,141	1,024		654	1	76
23	Group 5 - Total	11,502					
	6 - KNITTING MILLS						
	Hosiery mills:						
24	Quebec	1,459	622		101		
25	Nova Scotia and Ontario	662	318		58		
26	Canada	2,118	940		158		
	Other knitting mills:						
27	Quebec	973	489		185	5	
28	Ontario	842	404		125		
29	Other Provinces	252	72		38		
30	Canada	2,067	965		348	5	
31	Group 6 - Total	4,185					

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	7 - CLOTHING INDUSTRIES						
	Men's clothing industry:						
1	Canada	2,348	943	640	2		
	Women's clothing industry:						
2	Canada	2,028	649	915			
	Children's clothing industry:						
3	Canada	764	174	342			
	Fur goods industry(1):						
4	Canada	73					
	Hat and cap industry:						
5	Quebec	193	20	108			
6	Ontario	233	108	89			
7	Other Provinces	40		31			
8	Canada	465	128	227			
	Foundation garment industry:						
9	Canada	651	391	173			
	Other clothing industries:						
10	Canada	199	60	84			
11	Group 7 - Total	6,528					
	8 - WOOD INDUSTRIES						
	Sawmills(1):						
12	Canada	899					
	Veneer and plywood mills:						
13	Quebec	152	13		44		
14	Ontario	232			146		
15	British Columbia	569	119	2			
16	Other Provinces	8					
17	Canada	961	132	2	190		
	Sash and door and other millwork plants(1):						
18	Quebec	131					
19	Other Provinces	211					
20	Canada	342					
	Wooden box factories(1):						
21	Canada	10					
	Coffin and casket industry(1):						
22	Canada	25					
	Miscellaneous wood industries(1):						
23	Canada	574					
24	Group 8 - Total	2,812					
	9 - FURNITURE AND FIXTURE INDUSTRIES						
	Household furniture industry:						
25	Quebec	1,777	490	842	54		
26	Ontario	2,017	116	1,340	16	2	
27	Western Provinces	387	88	173			
28	Canada	4,181	693	2,355	70	2	

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Trans-parent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
thousands of dollars											
			19		319	226	3		165	28	1
			10	3	66	240	16		96	31	2
											3
											4
			10		9	30	1		11	4	5
			1		2	16			4	13	6
			1		2	3	1		2		7
			12		13	49	2		17	17	8
			6		25	23			9	23	9
			1		14	13			13	15	10
											11
											12
						21				75	13
										86	14
						242				191	15
						1			15	7	16
						263			15	359	17
											18
											19
											20
											21
											22
											23
											24
			11	2	5	222	3		12	136	25
			24		26	311	22		52	107	26
			1		8	105	2		4	6	27
			36	2	39	639	26		69	249	28

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
thousands of dollars							
9 - FURNITURE AND FIXTURE INDUSTRY - Concluded							
Office furniture industry:							
1	Ontario	520	25	413	33		
2	Other Provinces	214	55	88	32		
3	Canada	734	80	501	65		
Other furniture industries:							
4	Nova Scotia and New Brunswick	24	9	4			
5	Quebec	696	27	367	3		
6	Ontario	653	55	246	14	1	
7	Western Provinces	297	5	54	4		
8	Canada	1,670	96	671	20	1	
Electric lamp and shade industry:							
9	Quebec	258		204			
10	Other Provinces	146		120			
11	Canada	404		324			
12	Group 9 - Total						
10 - PAPER AND ALLIED INDUSTRIES							
Pulp and paper mills:							
13	Eastern Provinces	2,343	205				
14	Quebec	8,402	120	1,501	8		2
15	Ontario	5,798	1	919	37		5
16	Prairie Provinces	304					
17	British Columbia	2,927	392	385	45		
18	Canada	19,774	719	2,805	90		6
Asphalt roofing manufacturers:							
19	Quebec	801		267	10	184	16
20	Ontario	476		126		120	68
21	Other Provinces	482		141	1	110	13
22	Canada	1,759		534	11	414	97
Paper box and bag manufacturers:							
23	Quebec	1,034	226	499			
24	Ontario	1,420	29	1,183			
25	Other Provinces	435	46	274			
26	Canada	2,889	301	1,956			
Other paper converters:							
27	Quebec	1,994	992	595	26	4	
28	Ontario	4,420	1,581	1,857	56		
29	Other Provinces	835	469	315			
30	Canada	7,248	3,041	2,767	81	4	
31	Group 10 - Total	31,670					
11 - PRINTING, PUBLISHING AND ALLIED INDUSTRIES							
Commercial printing:							
32	Quebec	375	105	126			
33	Ontario	1,814	411	1,035	5	16	
34	Other Provinces	217	15	137	1		
35	Canada	2,406	531	1,298	6	16	
36	Engraving, stereotyping and allied industries(1)						
37	Canada	114					

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	11 - PRINTING, PUBLISHING AND ALLIED INDUSTRIES - Concluded						
	Publishing only (1):						
1	Canada	121					
	Printing and publishing:						
2	Canada	664	51	58			
3	Group 11 - Total	3,306					
	12 - PRIMARY METAL INDUSTRIES						
	Iron and steel mills:						
4	Ontario	3,863	32		271	3	27
5	Other Provinces	450		20	309	25	1
6	Canada	4,313	32	20	580	28	28
	Steel pipe and tube mills(1):						
7	Canada	390					
	Iron foundries:						
8	Canada	257					
	Smelting and refining(1):						
9	Quebec	307					
10	Ontario	26					
11	Western Provinces	535					
12	Canada	868					
	Aluminum rolling, casting and extruding:						
13	Canada	1,146	54	369	219		
	Copper and alloy rolling, casting and extruding:						
14	Canada	941	33	146	558	3	25
	Metal rolling, casting and extruding, n.e.s.:						
15	Canada	459	31	178	24	45	43
16	Group 12 - Total	8,373					
	13 - METAL FABRICATING INDUSTRIES (EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT INDUSTRIES)						
	Boiler and plate works(1):						
17	Canada	75					
	Fabricated structural metal industry(1):						
18	Quebec	1,946					
19	Ontario	45					
20	Other Provinces	2					
21	Canada	1,994					
	Ornamental and architectural metal industry(1):						
22	Quebec	33					
23	Ontario	483					
24	Other Provinces	30					
25	Canada	547					
	Metal stamping, pressing and coating industry:						
26	Quebec	1,213	125	50			
27	Ontario	3,182	213	260	4	1	3
28	British Columbia	226	1				
29	Other Provinces	160	1	4			
30	Canada	4,780	340	314	4	1	3

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Trans-parent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
											1
			4	1	10	331	1		21	187	2
											3
			22	4		457			118	2,926	4
						5			7	84	5
			22	4		462			126	3,010	6
											7
											8
											9
											10
											11
											12
			1	1		229			8	265	13
3				1	3	36	2		5	128	14
10	6	2	9	6	2	20	1	2	11	71	15
											16
											17
											18
											19
											20
											21
											22
											23
											24
											25
			182	5	1	113	1		4	46	26
3	1	1	410	2	18	170	4		63	242	27
			64			8			1	10	28
			2		2	7			2	8	29
3	1	1	657	7	21	297	5		70	305	30

thousands of dollars

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	13 - METAL FABRICATING INDUSTRIES (EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT INDUSTRIES) - Concluded						
	Wire and wire products manufacturers:						
1	Quebec	1,205	158	485	44	169	30
2	Ontario	1,524	123	730	158	1	80
3	Other Provinces	287	91	20	23	5	
4	Canada	3,016	372	1,235	224	175	111
	Hardware, tool and cutlery manufacturers(1):						
5	Canada	117					
	Heating equipment manufacturers:						
6	Quebec	144					
7	Ontario	486					
8	Other Provinces	126					
9	Canada	755					
	Machine shops(1):						
10	Canada	117					
	Miscellaneous metal fabricating industries:						
11	Eastern Provinces	11		1	6		
12	Quebec	212	22	69	17	10	4
13	Ontario	1,421	201	755	254	7	6
14	Western Provinces	100	8	21	56		
15	Canada	1,744	232	846	333	17	10
16	Group 13 - Total						
	14 - MACHINERY INDUSTRIES (EXCEPT ELECTRICAL MACHINERY)						
	Agricultural implement industry:						
17	Canada	633	117	195	231	3	
	Miscellaneous machinery and equipment manufacturers:						
18	Quebec	1,027	8	21	50		2
19	Ontario	1,473	158	759	186	3	1
20	Other Provinces	81	6	25	27	1	
21	Canada	2,582	172	805	263	4	3
	Commercial refrigeration and air conditioning equipment manufacturers:						
22	Canada	303		126	143		
	Office and store equipment manufacturers:						
23	Canada	231	10	164	22		2
24	Group 14 - Total	3,748					
	15 - TRANSPORTATION EQUIPMENT INDUSTRIES						
	Aircraft and parts manufacturers(1):						
25	Quebec	544					
26	Ontario	133					
27	Other Provinces	24					
28	Canada	701					
	Motor vehicle manufacturers(1):						
29	Canada	1,360					

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
thousands of dollars							
17 - NON-METALLIC MINERAL PRODUCT INDUSTRIES							
Cement manufacturers(1):							
1	Quebec	1,090					
2	Ontario	1,045					
3	Other provinces	1,430					
4	Canada	3,565					
Lime manufacturers:							
5	Canada	725				9	
Gypsum products manufacturers:							
6	Canada	894	5	25			3
Concrete products manufacturers(1):							
7	Quebec	120					
8	Ontario	124					
9	Other provinces	12					
10	Canada	256					
Ready-mix concrete manufacturers(1):							
11	Canada	8					
Clay products manufacturers(1):							
12	Quebec	365					
13	Other provinces	879					
14	Canada	1,244					
Refractories manufacturers:							
15	Canada	482	22	84	1	33	42
Stone products manufacturers(1):							
16	Canada	31					
Mineral wool manufacturers:							
17	Canada	949	16	146			
Asbestos products manufacturers:							
18	Quebec	455	61	104	30	61	11
19	Other provinces	394	2	123	2	4	
20	Canada	849	64	227	32	65	11
Glass and glass products manufacturers:							
21	Canada	6,143	4,467	611	392		
Abrasives manufacturers:							
22	Canada	388	60	131	24	2	25
Other non-metallic mineral products industries:							
23	Quebec	136			4		
24	Ontario	151		7		7	14
25	Manitoba and Alberta	143					
26	Canada	429		7	4	7	14
27	Group 17 - Total						
18 - PETROLEUM AND COAL PRODUCTS INDUSTRIES							
Petroleum refineries:							
28	Quebec	1,070		240	97	267	215
29	Ontario	4,886		399		3,731	291
30	Alberta	2,041	37	149		1,700	76
31	British Columbia	529		38	2	402	68
32	Other provinces	85		3		24	28
33	Canada	8,611	37	828	100	6,124	678

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Transparent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
thousands of dollars											
			712			4					1
			770		9	13			32	39	2
											3
											4
											5
											6
											7
											8
											9
											10
											11
			96	21	1	12	2		1	169	12
											13
											14
			382		4	180			8	214	15
											16
3			3		5	13	1		83	80	17
	1		89			9	1		6	156	18
											19
3	1		92		5	22	2		89	236	20
											21
					1	273	5		23	372	22
											23
			9	50	2	12			43	28	24
											25
			131		8				2	1	26
5			107		1					5	27
			136								28
			375		9				2	6	29
											30
											31
126	32	7		13						73	32
237		190							29	9	33
4		53								22	
1		9							6	3	
										30	
368	32	259		13					35	137	

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	18 - PETROLEUM AND COAL PRODUCTS INDUSTRIES - Concluded						
	Manufacturers of lubricating oils and greases:						
1	Canada	2,719	106	131		2,157	214
	Other petroleum and coal products industries:						
2	Quebec	202		2		103	89
3	Ontario	361	3	98		108	148
4	Other Provinces	31					31
5	Canada	594	3	100		211	268
6	Group 18 - Total	11,923					
	19 - CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES						
	Explosives and ammunition manufacturers:						
7	Canada	2,547	160	763	199	67	3
	Manufacturers of mixed fertilizers:						
8	Eastern Provinces	582					
9	Quebec	660					
10	Ontario	1,537				1	
11	Western Provinces	51	4				
12	Canada	2,830	4			1	
	Manufacturers of plastics and synthetic resins:						
13	Quebec	1,178	6	51	37	59	183
14	Ontario	755	78	31	51	7	131
15	Other Provinces	400		2		18	68
16	Canada	2,333	84	85	89	84	381
	Manufacturers of pharmaceuticals and medicines:						
17	Quebec	5,569	1,048	384	15	131	11
18	Ontario	10,034	1,473	936	6	728	22
19	Other Provinces	217	21	21		26	1
20	Canada	15,820	2,541	1,340	21	885	34
	Paint and varnish manufacturers:						
21	Quebec	3,245	126	323		2,413	25
22	Ontario	5,409	47	475	1	3,778	322
23	Manitoba	673	33	40		538	4
24	British Columbia	1,165		113		921	28
25	Other Provinces	299	15	17		240	
26	Canada	10,791	221	967	1	7,890	380
	Manufacturers of soap and cleaning compounds:						
27	Quebec	3,345	180	534	9	10	23
28	Ontario	20,869	2,231	5,445	42	771	207
29	Other Provinces	1,240	18	210			
30	Canada	25,455	2,429	6,188	51	781	230
	Manufacturers of toilet preparations:						
31	Quebec	4,557	907	342		164	
32	Ontario	10,439	2,063	696		549	4
33	Canada	14,997	2,970	1,037		713	4

For footnotes, see end of table.

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Continued

Cans and drums, made of paper or fibre	Glass bottles, jars, and carboys	Plastic bottles and carboys	Paper bags, all kinds	Textile bags	Bags, transparent film	Paper, all kinds	Transparent film in sheets and rolls	Metal closures (lids and beverage crowns)	Labels, tags, and printed wrappers	Other containers, packaging materials and supplies	No.
thousands of dollars											
14		95							1	1	1
			4		2				4	2	2
			4		2				4	2	3
											4
										2	5
											6
			213		149	463	8		2	488	7
			496	18	66	1			1		8
			559	1	100	1					9
			664		867	3	1		1		10
			47								11
			1,766	19	1,033	4	1		2		12
			282		155	42	9		27	315	13
			225		2	83			5	25	14
			133	57	99	113			7	4	15
			640	57	255	137	9		40	344	16
63	1,831	280	34	1	9	100	8	284	749	624	17
24	3,688	469	11		12	257	117	452	842	998	18
8	94		5			2		19	10	10	19
95	5,914	748	50	1	20	359	125	755	1,672	1,632	20
7	6	1	55	17		1			270	1	21
70	100	95	12		1	22	25		387	74	22
	1				2	4			46	5	23
	5	1	1			2		1	92	2	24
									27		25
77	111	97	67	17	4	29	25	1	821	83	26
37	675	1,435	7		43	57	1	140	122	71	27
1,313	1,167	2,753	124	23	40	750	21	374	917	4,693	28
	586	332	3	23			57			45	29
1,349	2,428	4,509	133		84	806	79	514	1,039	4,809	30
3	1,007	433	14	1	27	59	4	200	214	1,185	31
49	3,159	487			6	38	10	341	810	2,226	32
51	4,166	910	14	1	33	97	14	542	1,024	3,411	33

TABLE 2. 1962 Detailed Consumption of Containers and Other Packaging Supplies: Canada and Provinces by Industry - Concluded

No.	Major group, industry and area	Total consumption	Folding and set-up (rigid) boxes, paperboard	Corrugated boxes and cartons	Wooden boxes, crates, barrels, and kegs	Cans, metal	Barrels and drums, metal (one-trip shippers)
		thousands of dollars					
	19 - CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES - Concluded						
	Manufacturers of industrial chemicals:						
1	Quebec	1,136	7	21	33	19	466
2	Ontario	6,740	79	696	243	950	1,062
3	Alberta	1,332					306
4	British Columbia	2,071					41
5	Other Provinces	6					
6	Canada	11,286	86	718	275	969	1,876
	Other chemical industries:						
7	Quebec	2,786	93	250	19	1,543	171
8	Ontario	11,051	363	663	3	6,359	1,186
9	Other Provinces	512	1	39	4	332	18
10	Canada	14,349	457	952	26	8,234	1,375
11	Group 19 - Total	100,406					
	20 - MISCELLANEOUS MANUFACTURING INDUSTRIES						
	Professional and scientific equipment manufacturers:						
12	Canada	1,596	569	392	55	99	2
	Jewellery and silverware manufacturers:						
13	Quebec	81	12	11			
14	Ontario	403	51	158	1		1
15	Other Provinces	8	1				
16	Canada	492	64	169	1		1
	Broom, brush and mop industry:						
17	Canada	1,101	281	222	6	198	20
	Venetian blind manufacturers:						
18	Canada	18	8	2			
	Plastics fabricators, n.e.s.:						
19	Quebec	1,039	39	470	235		
20	Ontario	1,940	271	966	12	21	
21	Western Provinces	190	7	94			
22	Canada	3,169	317	1,530	247	21	
	Sporting goods and toy industry:						
23	Canada	2,418	518	969	59	18	2
	Fur dressing and dyeing industry:						
24	Canada	37	12	18			
	Signs and displays industry:						
25	Canada	415	81	227	54		
	Miscellaneous manufacturing industries, n.e.s.:						
26	Canada	2,873	1,246	552	323	19	1
27	Group 20 - Total	12,117					
28	Total Manufacturing	686,039					

For footnotes, see end of table.

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry

No.	Industry and area	Total miscellaneous consumption	Twine, tape and glue	Plastic containers and lids	Metal staples, strapping and wire	Crating lumber, wooden pallets and skids	Reels (hose and other)	Cores (plastic, paper, etc.)
		thousands of dollars						
	Slaughtering and meat packing plants:							
1	Atlantic Provinces	26						
2	Quebec	451	223	37	6			
3	Ontario	144	17	54	6			
4	Manitoba	415	1		18			
5	Saskatchewan	121						
6	Alberta	35						
7	British Columbia	49	48					
8	Canada	1,240	289	91	30			
	Sausage and sausage casing manufacturers:							
9	Quebec	-						
10	Ontario	138		52	4			
11	Other Provinces	2			1			
12	Canada	139		52	5			
	Butter and cheese plants:							
13	Eastern Provinces	151		84				
14	Quebec	24						
15	Ontario	274		9				
16	Manitoba	72		22				
17	Saskatchewan	36						
18	Alberta and British Columbia	105						
19	Canada	664		115				
	Process cheese manufacturers:							
20	Canada	232		64				
	Fruit and vegetable canners and preservers:							
21	Eastern Provinces	74						
22	Quebec	210		176				
23	Ontario	622		163				
24	Prairie Provinces	2		1				
25	British Columbia	18		1				
26	Canada	926		341				
	Breakfast cereal manufacturers:							
27	Canada	303	34		7			
	Confectionery manufacturers:							
28	Quebec	190		3				
29	Ontario	509		85				
30	Other Provinces	210						
31	Canada	909		88				
	Sugar refineries:							
32	Canada	167	72	56	22			
	Miscellaneous food manufacturers:							
33	Eastern Provinces	468						
34	Quebec	678	20	157	10			
35	Ontario	1,065	7	82	19			
36	Prairie Provinces	79						
37	British Columbia	295		68				
38	Canada	2,586	27	307	29			
	Other rubber industries:							
39	Quebec	57					12	
40	Ontario	428			116		21	103
41	Canada	485			116		33	103

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Continued

No.	Industry and area	Total miscellaneous consumption	Twine, tape and glue	Plastic containers and lids	Metal staples, strapping and wire	Crating lumber, wooden pallets and skids	Reels (hose and other)	Cores (plastic, paper, etc.)
		thousands of dollars						
	Cotton yarn and cloth mills:							
1	Quebec	225			81			
2	Ontario	114			20			
3	Other Provinces	10						
4	Canada	349			101			
	Wool cloth mills:							
5	Quebec	44			17			
6	Other Provinces	16			3			
7	Canada	60			20			
	Cordage and twine industry:							
8	Canada	52	5				13	
	Carpet, mat and rug industry:							
9	Canada	136						17
	Linoleum and coated fabrics industry:							
10	Quebec	53						4
11	Ontario	50						47
12	Canada	103						51
	Veneer and plywood mills:							
13	Quebec	75	3		39	21		
14	Ontario	86			24	60		
15	British Columbia	191	41		149			
16	Other Provinces	7			7			
17	Canada	359	44		219	81		
	Other furniture industries:							
18	Nova Scotia and New Brunswick	1	1					
19	Quebec	34	18					
20	Ontario	28				24		
21	Western Provinces	4	2					
22	Canada	66	21			24		
	Pulp and paper mills:							
23	Eastern Provinces	944	39		107	152		394
24	Quebec	2,555	72		577	787		616
25	Ontario	1,750	86		317	517		454
26	Prairie Provinces	173	8		59	29		71
27	British Columbia	908	12		462	40		278
28	Canada	6,330	217		1,522	1,525		1,813
	Paper box and bag manufacturers:							
29	Quebec	29	4		22			
30	Ontario	73	18		32	5		
31	Other Provinces	63	14		9	4		25
32	Canada	165	36		63	9		25
	Other paper converters:							
33	Quebec	118	8		2	71		25
34	Ontario	325	23		36	167		28
35	Other Provinces	1						
36	Canada	444	31		38	238		53

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Continued

No.	Industry and area	Total miscellaneous consumption	Twine, tape and glue	Plastic containers and lids	Metal staples, strapping and wire	Crating lumber, wooden pallets and skids	Reels (hose and other)	Cores (plastic, paper, etc.)
		thousands of dollars						
	Commercial printing:							
1	Quebec	16	1					
2	Ontario	108	22		33			
3	Other Provinces	5			2			
4	Canada	129	23		35			
	Printing and publishing:							
5	Canada	187	71		71			
	Iron and steel mills:							
6	Ontario	2,926			1,234	1,245		
7	Other Provinces	84			44	35		
8	Canada	3,010			1,278	1,280		
	Aluminum rolling, casting and extruding:							
9	Canada	265			83	144		
	Copper and alloy rolling, casting and extruding:							
10	Canada	128			42	22		
	Metal rolling, casting and extruding, n.e.s.:							
11	Canada	71		1	12	4		
	Metal stamping, pressing and coating industry:							
12	Quebec	46	22		2	18		
13	Ontario	242	9		129	70		
14	British Columbia	10	6		2			
15	Other Provinces	8	1		4	1		
16	Canada	305	38		137	89		
	Wire and wire products manufacturers:							
17	Quebec	245			9	3	168	
18	Ontario	296			73	20	45	
19	Other Provinces	134			3		131	
20	Canada	674			85	23	344	
	Miscellaneous metal fabricating industry:							
21	Eastern Provinces	3				3		
22	Quebec	15	1		2	8		
23	Ontario	72	1	5	26	19		
24	Western Provinces	11			4			
25	Canada	102	2	5	32	30		
	Miscellaneous machinery and equipment manufacturers:							
26	Quebec	926			8	892		
27	Ontario	217	3		17	138		
28	Other Provinces	19			12	7		
29	Canada	1,161	3		37	1,037		
	Motor vehicle parts and accessories manufacturers:							
30	Ontario	211	7	22	25	88		
31	Other Provinces	2						
32	Canada	213	7	22	25	88		
	Manufacturers of major appliances electric and non-electric:							
33	Canada	205	9		31	160		
	Manufacturers of electric wire and cable:							
34	Canada	929	16	27		76	443	48

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Continued

Cones, tubes and spools	Paper (waxed) containers and lids	Paper cups, tubs and lids	Tea bag paper and gauze	Envelopes	Folders and cards	Paper milk bottles	Egg cases and cartons	Aluminum cups, lids, plates and dishes	Burlap	Miscellaneous	No.
											thousands of dollars
				8						15	1
5										40	2
										3	3
5				8						58	4
										45	5
										447	6
										5	7
										452	8
									6	32	9
2										62	10
45										9	11
										4	12
										34	13
										2	14
										2	15
										42	16
11										54	17
127										31	18
											19
138										85	20
											21
										4	22
4										21	23
										3	24
4										28	25
											26
30										29	27
											28
30										55	29
				5						64	30
										2	31
				5						66	32
										5	33
106										227	34

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Continued

No.	Industry and area	Total miscellaneous consumption	Twine, tape and glue	Plastic containers and lids	Metal staples, strapping and wire	Crating lumber, wooden pallets and skids	Reels (hose and other)	Cores (plastic, paper, etc.)
		thousands of dollars						
	Manufacturers of miscellaneous electrical products:							
1	Quebec	17	2		12			
2	Ontario	127			17	18	52	
3	Western Provinces	-						
4	Canada	144	2		29	18	52	
	Refractories manufacturers:							
5	Canada	169	81		2	75		
	Mineral wool manufacturers:							
6	Canada	214	4					
	Asbestos products manufacturers:							
7	Quebec	80	3		36	23		
8	Other Provinces	156			20	130		
9	Canada	236	3		56	153		
	Glass and glass products manufacturers:							
10	Canada	372			233	52		
	Explosives and ammunition manufacturers:							
11	Canada	488	111	118	11	11		
	Manufacturers of plastics and synthetic resins:							
12	Quebec	315	4		17	101		65
13	Ontario	25	1			16		
14	Other Provinces	4	4					
15	Canada	344	9		17	117		65
	Manufacturers of pharmaceuticals and medicines:							
16	Quebec	624		234				
17	Ontario	998		414				
18	Other Provinces	10		4				
19	Canada	1,632		652				
	Paint and varnish manufacturers:							
20	Quebec	1	1					
21	Ontario	74	25					
22	Manitoba	5	1					
23	British Columbia	2						
24	Other Provinces	-						
25	Canada	83	27					
	Manufacturers of soap and cleaning compounds:							
26	Quebec	71		58				
27	Ontario	4,693	115	252				
28	Other Provinces	45		45				
29	Canada	4,809		355				
	Manufacturers of industrial chemicals:							
30	Quebec	74			36			
31	Ontario	195	15	28	68	33		
32	Alberta	-						
33	British Columbia	1						
34	Other Provinces	-						
35	Canada	270	15	28	104	33		

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Continued

Cones, tubes and spools	Paper (waxed) containers and lids	Paper cups, tubs and lids	Tea bag paper and gauze	Envelopes	Folders and cards	Paper milk bottles	Egg cases and cartons	Aluminum cups, lids, plates and dishes	Burlap	Miscellaneous	No.
										3	1
										40	2
											3
										43	4
										11	5
209										1	6
6									1	11	7
										6	8
6									1	17	9
										87	10
21										216	11
111										17	12
										8	13
											14
111										25	15
136										254	16
341								2		241	17
5										1	18
482								2		496	19
											20
28										21	21
										4	22
										2	23
											24
28										27	25
											.
7										6	26
1,569										2,757	27
											28
1,576										2,763	29
17										21	30
										51	31
											32
										1	33
											34
17										73	35

thousands of dollars

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Concluded

No.	Industry and area	Total miscellaneous consumption	Twine, tape and glue	Plastic containers and lids	Metal staples, strapping and wire	Crating lumber, wooden pallets and skids	Reels (hose and other)	Cores (plastic, paper, etc.)
thousands of dollars								
Other chemical industries:								
1	Quebec	114	3	64				
2	Ontario	605	5	273				
3	Other Provinces	12	1	5	3			
4	Canada	731	9	342	3			
Scientific and professional equipment manufacturers:								
5	Canada	254	5	64	4	15		
Broom, brush and mop industry:								
6	Canada	119	3	64	3			
Plastic fabricators, n.e.s.:								
7	Quebec	81						29
8	Ontario	346	12		4			52
9	Western Provinces	45				3		35
10	Canada	472	12		4	3		116
Miscellaneous manufacturing industries, n.e.s.:								
11	Canada	190	4	47	8			

Note: Totals may not add due to rounding.

TABLE 3. 1962 Detailed Consumption of Miscellaneous Containers and Other Packaging Supplies
Canada and Provinces by Selected Industry - Concluded

Cones, tubes and spools	Paper (waxed) containers and lids	Paper cups, tubs and lids	Tea bag paper and gauze	Envelopes	Folders and cards	Paper milk bottles	Egg cases and cartons	Aluminum cups, lids, plates and dishes	Burlap	Miscel- laneous	No.
thousands of dollars											
50					13					34 277 3	1 2 3
50					13					314	4
				4						162	5
34										15	6
2					95					52 181 7	7 8 9
2					95					240	10
					50					81	11

FOOTNOTES

Note: Atlantic Provinces: Newfoundland, Nova Scotia, New Brunswick and Prince Edward Island

Eastern Provinces: Nova Scotia, New Brunswick and Prince Edward Island

Prairie Provinces: Manitoba, Saskatchewan and Alberta

Western Provinces: Manitoba, Saskatchewan, Alberta and British Columbia

(1) Industry not included in Special Survey: the data given are from the 1962 Census of Manufactures Survey.

(2) Data collected as part of the 1962 Census of Manufactures Survey.
The special classes of expenditure shown are as follows:

- A - Cases and cartons, other than wooden
- B - Bottles, imported
- C - Bottles, Canadian
- E - Cooperage

(3) Data collected as part of the 1962 Census of Manufactures Survey.
The special classes of expenditure shown are as follows:

- A - Cartons and partitions
- B - Cans
- C - Bottle expense
- D - Key expense
- E - Crowns

(4) Data collected as part of the 1962 Census of Manufactures Survey.
The special classes of expenditure shown are as follows:

- A - Cases and cartons
- B - Bottles and jars
- C - Cooperage

(5) Data collected as part of the 1962 Census of Manufactures Survey.
The special classes of expenditure shown are as follows:

- A - Boxes, tin
- B - Boxes, plastic
- C - Boxes, wooden
- D - Boxes, other
- E - Cigarette papers
- F - Cellophane in sheets, rolls, etc.
- G - Lead foil, tinfoil and aluminum foil

(6) Totals may not add due to rounding.

CONFIDENTIAL. Keep one copy for your files and mail one completed copy in the enclosed envelope.

DOMINION BUREAU OF STATISTICS
OTTAWA - CANADA
Central Research and Development Staff

**SPECIAL ENQUIRY INTO THE USE
OF CONTAINERS AND OTHER PACKAGING
MATERIALS AND SUPPLIES
1962**

Form 2002-20.1

Please make any necessary changes in above name and mailing address

The Dominion Bureau of Statistics seeks your cooperation in supplying information concerning the kinds of containers, packaging materials and supplies which are used by your establishment. This information is needed to fill important gaps in the data required for several Bureau projects.

Although this form is enclosed with the 1962 Census of Manufactures schedule, it is separate from the regular census and will only be distributed occasionally. The completed form may be returned with your Census of Manufactures report or in the special return envelope included for that purpose.

On the Census of Manufactures schedule, a few industries are already supplying some detail on containers, packaging materials and supplies used. It is requested, however, that this form be completed as well because standardized information is required for all industries.

Instructions designed to enable you to complete the questionnaire as conveniently as possible are given below. Your help in providing this information will be greatly appreciated.

INSTRUCTIONS

1. The total value of all containers used should be identical to the value reported under item (b) of question 11 A of the Census of Manufactures schedule, i.e., it should cover non-returnable containers, packaging materials and supplies.
2. For each question give the value of containers, packaging materials and supplies actually used in shipping your products during 1962. In the case of minor items, however, the value of containers purchased may be substituted for the value of containers used.
3. The information requested in this schedule may not be readily available on the books of some establishments. Where it is too difficult for an establishment to supply actual dollar figures, reasonable estimates will be acceptable. You will note that two columns are provided, the first of which asks for entries in dollar values, whether secured from records or arrived at by estimating. The second column is provided for respondents who prefer to report on a percentage basis. Such respondents should show in Part A the total dollar value of containers, packaging materials and supplies used, and should show in column 2 of Part B the proportion of this value accounted for by each item.

APPENDIX A

All respondents should report in column (1) of Part A, the total dollar value of non-returnable containers and other packaging materials and supplies used. Under Part B, respondents may complete column (1) or column (2). (See instruction 3).

Item	Value (omit cents)	Percent of Total Value
A. TOTAL VALUE of non-returnable containers and other packaging materials and supplies used (to agree with item (b), question 11 A of the Census of Manufactures schedule).....	(1)	(2)
		100%
(Fill in either column 1 or column 2)		
B. Boxes, Crates and Barrels:		
1. Folding and set-up (rigid) boxes, paperboard.....		
2. Corrugated boxes and cartons.....		
3. Wooden boxes, crates, barrels, and kegs.....		
Cans and Drums:		
4. Cans, metal.....		
5. Barrels and drums, metal (one-trip shippers).....		
6. Cans and drums, made of paper or fibre (including those with metal ends).....		
Bottles, Jars, and Carboys:		
7. Glass bottles, jars, and carboys.....		
8. Plastic bottles and carboys.....		
Bags		
9. Paper bags, all kinds (including multi-wall shipping sacks).....		
10. Textile bags (cotton, hemp, linen, jute).....		
11. Bags, transparent film.....		
Wrapping and Packaging Materials:		
12. Paper, all kinds (including Kraft paper, corrugated sheets and wrappers, plastic laminated papers, foil paper).....		
13. Transparent film in sheets and rolls.....		
Closures, Labels, and Fasteners:		
14. Metal closures (lids and beverage crowns).....		
15. Plastic closures.....		
16. Labels, tags, and printed wrappers.....		
Other Containers, Packaging Materials and Supplies:		
17. All other (please specify major items)		

Signature _____

Date _____

Position _____

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