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A - Annual

Q - Quarterly

M - Monthly

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Feb. '66



TRUCK BODY AND TRAILER MANUFACTURERS

1963

Data presented in this report under the heading of Truck Body and Trailer Manufacturers reflect implementation of the revised Standard Industrial Classification (S.I.C.) and the New Establishment Concept which are being used by the Dominion Bureau of Statistics in its compilation of industry statistics—see items "Standard Industrial Classification" and "Establishment" in the Explanatory Notes section of this report.

For statistical purposes the industry titled Truck Body and Trailer Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing truck and bus bodies but not manufacturing complete trucks or buses. Included are establishments primarily engaged in manufacturing truck trailers and tractor-type bus trailers, as well as those primarily engaged in manufacturing trailers for attachment to passenger cars.

SYMBOLS

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

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

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

Year and province	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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	112	2,566	5,102	9,301	519	27,940	48,472	20,117	52	186	3,623	14,597	21,259
1962													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	3	18	31	55	5	75	200	120	x	x	22	71	129
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	24	331	657	1,170	63	2,674	5,380	2,698	21	67	415	1,607	2,876
Ontario	52	1,811	3,752	7,089	398	25,767	42,689	17,073	27	112	2,705	11,426	18,103
Manitoba	9	99	182	288	19	563	1,278	678	4	14	125	395	677
Saskatchewan	1												
Alberta	19	238	467	711	36	2,244	3,693	1,435	8	23	276	885	1,466
British Columbia	14	234	454	1,041	48	2,676	4,721	2,087	x	x	289	1,417	2,182
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	122	2,731	5,544	10,354	570	33,999	57,961	24,092	65	234	3,832	15,801	25,434
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	3	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	30	383	799	1,397	78	3,320	6,397	3,035	25	66	465	1,954	3,264
Ontario	53	2,002	4,126	8,050	397	29,077	46,850	17,470	26	110	2,906	12,874	18,053
Manitoba	9	90	186	288	18	632	1,325	661	3	10	113	403	659
Saskatchewan	2	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	21	244	507	775	37	2,856	4,419	1,534	7	27	293	1,017	1,561
British Columbia	13	234	452	1,091	50	3,240	5,395	2,187	—	—	301	1,478	2,295
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	131	2,979	6,124	11,692	587	39,280	64,740	25,082	64	245	4,129	17,836	26,028

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	4	1	1	1	1	9	28	18	5	8	1	1	18
\$ 10,000 to \$ 24,999	14	15	28	43	5	96	252	171	15	43	27	81	175
25,000 " 49,999	21	55	113	182	14	289	821	521	23	94	67	234	555
50,000 " 99,999	14	69	148	218	21	324	895	544	15	55	86	275	555
100,000 " 199,999	15	153	295	485	29	1,094	2,135	1,068	7	33	194	674	1,118
200,000 " 499,999	28	522	1,064	1,846	97	4,897	8,837	3,889	—	—	664	2,578	4,042
500,000 " 999,999	8	316	650	1,220	60	3,193	6,056	2,923	—	—	405	1,689	2,888
1,000,000 " 4,999,999	18	1,600	3,246	6,358	341	24,098	38,938	14,958	—	—	2,368	10,269	16,083
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	122	2,731	5,544	10,354	570	33,999	57,961	24,092	65	234	3,832	15,801	25,434
1963													
Under \$10,000	4	3	6	7	1	11	32	22	2	3	5	13	22
\$ 10,000 to \$ 24,999	11	12	25	37	5	64	198	134	11	35	17	52	134
25,000 " 49,999	17	41	80	132	12	301	674	363	18	76	53	187	363
50,000 " 99,999	23	95	194	341	31	739	1,558	789	24	85	117	418	801
100,000 " 199,999	23	208	425	703	35	1,812	3,246	1,473	9	44	265	940	1,478
200,000 " 499,999	23	435	884	1,553	81	3,354	6,690	3,222	—	—	569	2,340	3,439
500,000 " 999,999	12	442	908	1,736	82	5,519	9,153	3,573	—	—	554	2,368	3,739
1,000,000 " 4,999,999	18	1,743	3,602	7,183	341	27,480	43,188	15,506	—	—	2,549	11,517	16,053
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	131	2,979	6,124	11,692	587	39,280	64,740	25,082	64	245	4,129	17,836	26,028

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1962 and 1963

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	8	11	20	35	2	79	117	45	7	11	15	55	46
\$ 10,000 to \$ 24,999	23	35	71	109	13	300	693	396	30	100	48	149	403
25,000 " 49,999	24	119	232	368	29	798	1,660	837	22	93	148	475	907
50,000 " 99,999	16	169	340	519	41	1,501	2,787	1,192	6	29	218	716	1,237
100,000 " 199,999	22	409	833	1,441	67	3,476	6,486	3,060	—	—	519	2,022	3,093
200,000 " 499,999	15	581	1,211	2,228	110	7,147	12,283	5,167	—	—	730	3,057	5,350
500,000 " 999,999	11	928	1,867	3,521	169	11,922	19,017	7,426	—	—	1,208	4,980	7,881
1,000,000 " 4,999,999	3	479	969	2,132	139	8,776	14,918	5,969	—	—	946	4,346	6,516
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	122	2,731	5,544	10,354	570	33,999	57,961	24,092	65	234	3,832	15,801	25,434
1963													
Under \$10,000	9	7	14	19	3	58	127	66	7	19	11	31	66
\$ 10,000 to \$ 24,999	22	44	88	150	13	410	606	386	23	83	60	209	388
25,000 " 49,999	29	131	269	435	34	1,181	2,191	1,026	26	102	160	562	1,044
50,000 " 99,999	20	220	468	764	49	2,033	3,526	1,464	8	41	283	1,066	1,728
100,000 " 199,999	24	454	917	1,627	76	4,408	7,904	3,366	—	—	574	2,319	3,439
200,000 " 499,999	10	496	993	1,814	85	5,529	8,912	3,313	—	—	614	2,460	3,359
500,000 " 999,999	12	865	1,822	3,477	147	11,641	19,284	7,756	—	—	1,069	4,657	7,844
1,000,000 " 4,999,999	5	762	1,554	3,406	180	14,019	21,989	7,706	—	—	1,358	6,532	8,104
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	131	2,979	6,124	11,692	587	39,280	64,740	25,082	64	245	4,129	17,836	26,028

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1962 and 1963

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	8	11	20	35	2	79	117	45	7	11	15	55	46
\$ 10,000 to \$ 24,999	23	35	71	109	13	300	693	396	30	100	48	149	403
25,000 "	21	97	196	310	26	652	1,391	719	22	93	119	380	730
50,000 "	18	174	341	523	37	1,273	2,559	1,229	6	29	226	745	1,304
100,000 "	22	414	841	1,433	73	3,552	6,491	2,950	—	—	523	1,994	3,000
200,000 "	18	593	1,236	2,289	111	7,446	12,774	5,358	—	—	747	3,150	5,554
500,000 "	11	928	1,867	3,521	169	11,922	19,017	7,426	—	—	1,208	4,980	7,881
1,000,000 " 4,999,999	3	479	969	2,132	139	8,776	14,918	5,969	—	—	946	4,346	6,516
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	122	2,731	5,544	10,354	570	33,999	57,961	24,092	65	234	3,832	15,801	25,434
1963													
Under \$10,000	9	7	14	19	3	58	127	66	7	19	11	31	66
\$ 10,000 to \$ 24,999	22	44	88	150	13	410	806	386	23	83	60	209	388
25,000 "	29	131	269	435	34	1,181	2,191	1,026	28	102	160	562	1,044
50,000 "	17	161	332	560	32	1,193	2,392	1,194	8	41	204	731	1,192
100,000 "	24	447	908	1,564	74	4,013	7,424	3,282	—	—	564	2,221	3,327
200,000 "	14	595	1,208	2,214	118	7,369	11,553	4,183	—	—	761	3,127	4,507
500,000 "	11	832	1,751	3,344	134	11,035	18,258	7,240	—	—	1,011	4,423	7,344
1,000,000 " 4,999,999	5	782	1,554	3,406	180	14,019	21,989	7,706	—	—	1,358	6,532	8,162
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	131	2,979	6,124	11,692	587	39,280	64,740	25,082	64	245	4,129	17,836	26,028

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under 5 employed	31	41	87	137	16	382	935	555	33	112	53	178	556
5 - 14 employed	31	155	307	484	39	976	2,232	1,245	32	122	205	682	1,311
15 - 49 " "	37	677	1,388	2,378	129	6,180	11,501	5,333	—	—	868	3,383	5,491
50 - 99 " "	15	839	1,750	3,177	148	11,172	18,840	7,685	—	—	1,030	4,214	7,861
100-199 " "	5	540	1,042	2,046	98	6,513	9,536	3,306	—	—	730	2,998	3,698
200-499 " "	3	479	969	2,132	139	8,776	14,918	5,969	—	—	946	4,346	6,516
500 employed and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	122	2,731	5,544	10,354	570	33,999	57,961	24,092	65	234	3,832	15,801	25,434
1963													
Under 5 employed	31	39	81	130	15	456	999	525	32	105	53	191	525
5 - 14 employed	41	230	463	794	58	2,132	3,940	1,801	32	140	293	1,050	1,820
15 - 49 " "	37	754	1,538	2,668	137	7,878	13,433	5,342	—	—	952	3,820	5,737
50 - 99 " "	13	720	1,543	2,950	153	10,218	16,874	6,777	—	—	912	3,969	6,842
100-199 " "	5	582	1,186	2,233	66	6,030	10,203	4,064	—	—	687	2,694	4,039
200-499 " "	4	654	1,312	2,918	159	12,566	19,292	6,573	—	—	1,232	5,912	7,065
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	131	2,979	6,124	11,692	587	39,280	64,740	25,082	64	245	4,129	17,836	26,028

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

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Individual ownerships	20	54	105	164	14	369	858	490	20	88	60	177	494
Partnerships	16	23	47	73	11	216	605	379	45	146	26	79	382
Incorporated companies	86	2,654	5,392	10,117	545	33,414	56,498	23,223	—	—	3,746	15,545	24,557
Cooperatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	122	2,731	5,544	10,354	570	33,999	57,961	24,092	65	234	3,832	15,801	25,434
1963													
Individual ownerships	18	61	126	194	14	495	1,001	496	18	69	67	205	499
Partnerships	16	24	50	82	14	370	811	436	46	176	27	88	435
Incorporated companies	97	2,894	5,948	11,415	560	38,415	62,928	24,150	—	—	4,035	17,543	25,095
Cooperatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	131	2,979	6,124	11,692	587	39,280	64,740	25,082	64	245	4,129	17,836	26,028

TABLE 2. Industry Output, Input and Value Added, 1962 and 1963

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
\$'000						
Output						
1. Shipments and other revenue	57,961	64,740	5,845	6,913	63,806	71,653
Inventories—Goods of own manufacture:						
Add closing—Goods in process	2,256	2,208	...	...	2,256	2,208
Finished goods	2,941	3,662	...	...	2,941	3,662
Less opening—Goods in process	1,762	2,307	...	...	1,762	2,307
Finished goods	2,736	3,354	...	...	2,736	3,354
2. Net inventory change	699	209	...	...	699	209
3. Gross output (1 + 2)	58,660	64,949	5,845	6,913	64,505	71,862
Input						
4. Purchases of goods not of own manufacture .....	...	...	4,430	5,748	4,430	5,748
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	355	435	355	435
Less closing .....	...	...	450	402	450	402
5. Cost of goods sold (not of own manufacture) .....	...	...	4,335	5,781	4,335	5,781
6. Materials, supplies, components and semi-processed goods	33,999	39,280	168	185	34,167	39,465
7. Fuel and electricity	570	587	...	...	570	587
8. Gross input (5 + 6 + 7)	34,569	39,868	4,503	5,966	39,072	45,834
Census value added (3 - 8)	24,092	25,082	1,342	946	25,434	26,028

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Admin- istra- tive and office	Sales and distrib- ution	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1962															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	18	-	-	-	3	1	-	-	21	1	55	-	16	-	71
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	330	1	1	-	60	12	11	-	402	13	1,170	4	374	58	1,607
Ontario	1,793	18	2	-	431	142	288	31	2,514	191	7,089	7	2,841	1,489	11,426
Manitoba	98	1	2	-	17	4	3	-	120	5	288	4	85	17	395
Saskatchewan															
Alberta	235	3	1	-	29	7	1	-	266	10	711	3	168	3	885
British Columbia	231	3	-	-	45	9	1	-	277	12	1,041	-	369	8	1,417
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	2,705	26	6	-	585	175	304	31	3,600	232	10,354	18	3,854	1,575	15,801
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	382	1	1	-	74	13	14	-	471	14	1,397	8	434	115	1,954
Ontario	1,988	14	-	-	444	148	282	30	2,714	192	8,050	-	3,210	1,615	12,874
Manitoba	89	1	1	-	16	3	3	-	109	4	288	7	92	15	403
Saskatchewan	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	236	8	-	-	34	10	5	-	275	18	775	-	217	25	1,017
British Columbia	231	3	-	-	48	15	4	-	283	18	1,091	-	366	21	1,478
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	2,952	27	2	-	620	190	308	30	3,882	247	11,692	14	4,338	1,792	17,836

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

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	2,001	19	2,367	21
February	2,183	20	2,564	25
March	2,425	24	2,725	26
April	2,493	28	2,811	29
May	2,695	29	3,050	33
June	2,831	31	3,176	33
July	3,056	31	3,068	32
August	2,812	27	2,867	27
September	2,457	25	2,583	26
October	2,290	24	2,426	24
November	2,202	22	2,499	24
December	2,088	21	2,298	22
Average for establishments reporting monthly detail (collected only for large establishments)	2,461	26	2,704	27
Average for small establishments (only annual averages collected)	244	-	248	-
Average for all establishments	2,705	26	2,952	27

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	x	x	x	x	x	x
New Brunswick	—	—	—	—	—	—
Quebec	467	327	249	1,042	14	1,057
Ontario	5,703	1,814	2,554	10,071	364	10,434
Manitoba	68	38	113	219	—	219
Saskatchewan	x	x	x	x	x	x
Alberta	470	40	229	739	—	739
British Columbia	282	87	186	555	57	612
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	6,991	2,307	3,354	12,652	435	13,087
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	x	x	x	x	x	x
New Brunswick	—	—	—	—	—	—
Quebec	547	241	371	1,159	9	1,167
Ontario	6,094	1,734	2,728	10,556	325	10,881
Manitoba	61	29	108	198	—	198
Saskatchewan	x	x	x	x	x	x
Alberta	547	53	224	825	2	827
British Columbia	341	148	208	697	66	764
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	7,594	2,208	3,662	13,464	402	13,866

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton 805	11	896	13
(b) Imported	" 662	10	619	8
Sub-bituminous coal (from Alberta mines only)	" -	-	-	-
Anthracite coal	" 70	2	129	3
Lignite coal	" 45	1	45	1
Coke	" -	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 246,164	97	263,699	106
Fuel oil including kerosene or coal oil	" 404,208	61	457,833	67
Wood	cord 14	--	9	--
Gas:				
(a) Liquefied petroleum gases	Imp. gal. 3,336	1	4,327	1
(b) Other manufactured gas	M cu.ft. 600	--	-	-
(c) Natural gas	" 120,490	106	138,587	105
Other fuel	-	-	-	-
Electricity purchased	kwh. 9,240,955	193	12,836,856	211
Steam purchased .....	... ..	26	...	2
2. Estimate for small establishments:				
Fuel and electricity .....	...	63	...	70
3. All establishments:				
Total fuel and electricity used .....	...	570	...	587

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

Description	1962		1963		
	Quantity	Cost \$'000	Quantity	Cost \$'000	
1. Materials used:					
Castings (rough and semi-finished) received from foundry:					
Iron	ton	636	242	140	72
Steel	"	1,121	444	1,578	784
Steel (except alloy):					
Bars and rods	"	2,718	411	2,781	512
Plates	"	3,180	522	3,539	549
Sheets:					
Black	"	7,818	1,310	7,860	1,170
Galvanized	"	624	131	989	210
Tin plate	"	5	1	—	—
Structural shapes	"	4,530	813	3,243	589
Wire	"	42	8	211	53
Alloy steel in all forms:					
Stainless:					
Billets, bars and rods .....		...	21	...	3
Other .....		...	71	...	78
Other alloy and tool steel (including carbon, alloy and high speed steels):					
Billets, bars and rods .....		...	82	...	33
Other .....		...	126	...	128
Scrap iron and steel	ton	—	—	260	12
Iron and steel pipe, tubing and fittings .....		...	215	...	317
Other iron and steel .....		...	675	...	801
Non-ferrous metals, including scrap:					
Aluminum:					
Castings	pound	1,588	1	32,345	19
Sheet	"	3,092,096	1,521	2,661,152	1,439
Other forms	"	599,030	412	1,087,883	639
Brass and bronze	"	132	--	1,918	2
Copper:					
Wire	"	16,906	10	18,957	13
Other forms	"	38,543	18	38,838	17
Babbitt metals and solders	"	10,349	6	2,282	2
Other non-ferrous metals .....		...	--	...	4
Other materials:					
Paints, oils and varnishes .....		...	476	...	444
Lumber	M. bd. ft.	13,293	1,553	13,971	1,653
All other materials and components used ¹ .....		...	23,035	...	27,749
2. Containers and other packaging materials and supplies used .....		...	30	...	20
3. Operating, maintenance and repair supplies used (excluding fuel) .....		...	1,673	...	1,852
4. Amount paid out to others for work done on materials owned by establishments.....		...	194	...	118
Total .....		...	33,999	...	39,280

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,454,676 in 1962 and \$1,897,138 in 1963.

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

Description	1962		1963	
	Quantity	Value	Quantity	Value
	number	\$'000	number	\$'000
1. Products:				
Bodies and cabs:				
Dump bodies (steel and aluminum, all types and sizes)	2,384	2,776	2,670	3,082
Hydraulic hoists (sold without bodies)	1,734	1,099	2,488	2,238
Tailgate loaders (all sizes and types)	182	137	254	222
Stake bodies, grain bodies and cattle bodies	2,522	1,234	2,728	1,215
Rear unit truck van bodies (steel and aluminum)	1,337	1,974	1,140	1,749
Delivery bodies (dairy, bakery, parcel, etc. steel and aluminum)	2,171	2,914	2,928	3,764
Bus bodies	2,341	7,079	2,545	7,175
Tank bodies for trucks, all types	417	1,874	475	2,536
Utility and service bodies (including tire and tow truck)	478	1,283	896	1,681
All other bodies .....	...	2,034	...	2,237
Trailers:				
Cabin or house type	4,293	10,003	6,120	11,745
Boat trailers	3,563	462	3,422	451
Commercial semi-trailers:				
Stake type	896	3,988	1,086	4,660
Van type	896	5,822	1,230	6,970
Lowbed type	78	477	160	851
Logging type	112	649	93	608
Tank type	186	1,993	225	2,322
Dump type	142	1,011	137	907
Poletrailers	95	175	19	84
All other trailers .....	...	1,866	...	1,569
All other products .....	...	4,096	...	3,902
2. Amount received in payment for work done on materials and products owned by others .....	...	5,147	...	5,091
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(131)	...	(320)
Net adjustment for establishments receiving progress payments .....	...	—	...	—
Total adjusted value of shipments and work done .....	...	57,961	...	64,740

TABLE 8. Shipments of Selected Goods Of Own Manufacture - All Industries, 1962 and 1963

(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

A. Truck Bodies and Cabs

Type	1962		1963	
	Number	Value	Number	Value
		\$'000		\$'000
Dump bodies (steel and aluminum, all types and sizes)	2,862	3,161	3,685	3,856
Hydraulic hoists (sold without bodies)	3,868	1,755	4,300	2,699
Tailgate loaders (all sizes and types)	188	141	257	225
Stake bodies, grain bodies and cattle bodies	2,670	1,310	2,951	1,350
Rear unit truck van bodies (steel and aluminum)	1,337	1,974	1,141	1,753
Delivery bodies (dairy, parcel, etc., steel and aluminum)	2,173	2,928	2,935	3,799
Bus bodies	2,341	7,079	2,545	7,175
Tank bodies for trucks, all types	738	3,208	802	3,836
Utility and service bodies (including tire and tow truck)	668	1,621	1,111	2,086
All other bodies .....	...	2,194	...	2,380
Totals .....	...	25,371	...	29,159

B. Trailers

Type	1962		1963	
	Number	Value	Number	Value
		\$'000		\$'000
Travel trailers	5,143	13,988	5,482	6,584
Mobile homes			1,562	6,471
Commercial semi-trailers:				
Stake type	1,190	5,354	1,394	6,015
Van type	1,272	8,826	1,645	9,863
Lowbed type	82	497	167	891
Logging type	219	1,230	128	908
Tank type	186	1,993	225	2,322
Dump type	160	1,123	150	987
Pole type	96	180	19	84
Boat trailers	10,448	1,409	9,398	1,740
All other trailers .....	...	1,982	...	2,022
Totals .....	...	36,582	...	38,118

List of Establishments classified to This Industry, 1963

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

Name	Location
Nova Scotia:	
Middle West Pubnico Bus Builders	Middle West Pubnico
N.S. Body Bldg.	6116 Almon St., Halifax
Wilson's Truck-Body Shop Ltd.	Truro
Quebec:	
Aero Trailer Builder Co.	St-Léonard
Almac Metalcraft Inc.	10037 London St., Montreal North
Alouette Trailer's Reg'd.	Ville-Brossard
Aittruck Limited	6100 Côte-Noire, St-Hubert
Atlas Hoist & Body Inc.	6124 Côte-de-Liesse Rd., Montreal
Corbeil, J.H., Ltée	St-Lin
Dorchester Body Enrg.	Ste-Claire
Electric Gas & Welding Co. Ltd., The	5701 Dénormanville, Montreal
Fleet Truck Bodies Inc.	5760 Garnier St., Montreal
Fleurent, Paul Emile	2720 ruelle Ontario, Montreal
Fontaine Body Ltd.	Cowansville
Fortin Body Enrg.	St-Jean
Gaymor Trailers Ltd.	5068 Chambly Rd., Montreal
Glard Ltée	5474 St-Hubert, Montreal
Ideal Body Ltd.	225 St-Sacrement Ave., Quebec
Kingsbury Industries Enrg.	Kingsbury
La Compagnie Lauzon Inc.	Ste-Anne-des-Plaines
Lacasse, V. Ltd.	8430-91ème Ave., St-Michel
Lafond, F.X. Enr.	3701 St-Jacques W., Montreal
Larman Motor Bodies Ltd.	2125 Théodore St., Montreal
Lavoie, O. & Fils Enrg.	Chomedey
Lefevre, Emile & Fils Enrg.	St-Léonard
Morcam Body-trailer Builders Reg'd.	63 Nazareth St., Montreal
Portelance, S. Enrg.	Pointe-Claire
St. Johns Sheet Metal Ltd.	St-Jean
Tougas, A.L. Ltée	Iberville
Trailer Equipment Ltd.	9170 St. Lawrence Blvd., Montreal
Truck Body Builders & Repairs Ltd.	1437 St-Louis St., Montreal
Vigeant, Jean-Marc	St-Alexandre-d'Iberville
William, Denis	St-Hilaire
Ontario:	
B.K. & B. Truck Bodies Ltd.	Industrial Rd., London
Bank Motor Bodies Ltd.	391 Alliance Ave., Toronto
Ballantyne, W.S.Mfg. Co. Ltd.	1256 Marentette Ave., Windsor
Beauchamp Truck Bodies	636 Terminal Ave., Ottawa
Bilrite Mobile Homes	2403 London Rd., Sarnia
Brantford Coach & Body Ltd.	22 Mohawk St., Brantford
Brighton Fabricators	Brighton
Canadian Blue Bird Coach Ltd.	Highway 53, Brantford
Canadian Campers	77 Pelham Ave., Toronto
Canadian Trailmobile Ltd.	807 Pharmacy Ave., Scarborough
Canasco Products Ltd.	121 Howden Rd., Scarborough
Canmor Body & Trailer Co. Ltd.	70 Grand Ave., Toronto
Commercial Truck Bodies Ltd.	76 Advance Rd., Toronto
Davies Truck Equip. Ltd.	10 Kelfield St., Rexdale
Doerr Geo. C. Body & Trailer Co.	229 Breithaupt St., Kitchener
Dupont Body Works Ltd.	88 Spadina Ave., Ottawa
Elcombe Engineering Ltd.	3327 Russel St., Windsor
F.R.P. Products Ltd.	22 Mohawk St., Brantford
Felder Truck Body & Trailer Co. Ltd.	537 Frederick St., Kitchener
Ferguson Thresher Co.	Maxville
Fleet-Line Products Ltd.	Waterford
Foreman Tank & Welding Ltd.	St. Mary's
Fruehauf Trailer Co. of Canada Ltd.	Dixie
General Coach Works of Canada Ltd.	Hensall
Glendale Mobile Homes Ltd.	Strathroy
Highway Trailers of Canada Ltd.	3280 Wharton Way, Cooksville
Ivey Trailers	Lansdowne St. E., Peterborough
Jauvin Bros.	1067 St. Laurent Blvd., Ottawa
Lansdowne Trailer & Fabricating Co.	169 Manitoba St., St. Thomas
Mapleleaf Metal Products Ltd.	P.O. Box 52, Windsor
Marten Mfg. Ltd.	Havelock
Milton Bus & Body Co. Ltd.	Milton
Multi Vans Ltd.	Woodbridge
Noble, R. & Sons	Shallow Lake
Pyramid Mobile Homes (1959) Ltd.	4100 Sandwich St. W., Windsor
Quality Body & Refrigeration Mfg. Ltd.	57 Stuart St., Hamilton
Rambler Trailer Co.	Burlington
Richardson, C. & Co. Ltd.	St. Mary's
St. Catharines Auto Bodies Ltd.	207 St. Paul St. W., St. Catharines
Smith Bros. Motor Bodies Ltd.	170 Bartley Drive, Toronto
Steadman Industries Ltd.	Cooksville
Sturdy Truck Body Mfg. Co.	196 River Rd. W., Kitchener
Swartz, S. & Sons	106 Grange Ave., Toronto
Tee's Homes Ltd.	R.R. # 1 North Bay
Thomas Built Buses of Canada Ltd.	Tecumseh St., Woodstock
Topping Truck Bodies Ltd.	Tottenham
Truck Engineering Ltd.	165 Wellington St. S., Woodstock
20th Century Mobile Homes Ltd.	R.R. # 4 London
Van-Wilson Ltd.	Howard Rd., Burlington
Wallinga Body & Coach Ltd.	Fergus
Welles Corp. Ltd.	2650 Metcalfe St., Windsor
Wilson Motor Bodies Ltd., The	3560 Lake Shore Blvd. W., Long Branch
Wood, Phil Industries Ltd.	857 Tecumseh Rd. E., Windsor

List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
Manitoba:	
Brandon Body Works Ltd.	Brandon
Chalmers Auto Truck & Body Works Ltd.	342 Nairn Ave., Winnipeg
Elias, Thomas Mfg. Co. Ltd.	1061 Notre Dame Ave., Winnipeg
Flatts Truck & Trailer Body Works	274 Talbot Ave., Winnipeg
Lawrie Wagon & Carriage Co. Ltd., The	583 Wall St., Winnipeg
Lindale Mobile Homes	St. Andrews
Markwill Industries Ltd.	450 Youville St., St. Boniface
Redlick Trailer Co. Ltd.	Brandon
Sangster's Wagon & Body Works Ltd.	100 Higgins Ave., Winnipeg
Saskatchewan:	
Douglas Manufacturing Co. Ltd.	Eatonia
Hub Truck Body & Trailer Works	615 Ave. "O" South, Saskatoon
Alberta:	
Akkerman Trailers	5339-17th Ave S.E., Calgary
Armand Truck Body Works	11919-72nd St., Edmonton
Belmont Body Works Ltd.	12517-72nd St., Edmonton
Block, L.R. Const.	1803-3rd Ave. S., Lethbridge
Calgary Wheel Repair & Mastercraft Trailer Co.	1430-9th Ave. S.E., Calgary
Custom Hoist & Truck Body Ltd.	12233-67th St., Edmonton
Dittrich Millwork	Stettler
Edmonton Truck Body Ltd.	12135 Fort Rd., Edmonton
Estevan Industries Ltd.	Fort MacLeod
Glendale Mobile Homes Ltd.	Wetaskiwin
Goldencrafts Mfg. Ltd.	329-3rd Ave. S.E., Calgary
Lynx Industries Ltd.	St. Albert
Mobile Living Products Ltd.	Red Deer
Park Industries Ltd.	10380-59th Ave., Edmonton
Pinewood Industries Ltd.	Red Deer
Roadway Trailers Ltd.	6929-103rd St., Edmonton
Silver Star Industries	409-6th Ave. S., Lethbridge
Sunnyside Auto Body Industries Ltd.	3619-2nd St. N.E., Calgary
Travelaire Trailer Mfg. Ltd.	9935-69th Ave., Edmonton
Watson Industries (Alta.) Ltd.	Claresholm
Western Truck Body Mfg. Ltd.	10344-59th Ave., Edmonton
British Columbia:	
Caveman Campers Ltd.	1812 Douglas St., Victoria
Collins Mfg. Co. Ltd.	Burnaby
Columbia Trailer Co. Ltd.	1475 Howe St., Vancouver
Custom Engineering Ltd.	896 New River Drive, Richmond
Evergreen Trailer Co. Ltd.	North Surrey
Harms Mfg. Co. Ltd.	Clearbrook
Knights, A. & C. Ltd.	Port Moody
Lang-Ford Truck Equip. Ltd.	1828 Clarke Drive, Vancouver
Ribchester, G.W. & Son Ltd.	794 Powell St., Vancouver
Vanguard Trailers Ltd.	1104 Cambie Rd., Richmond
Westminster Truck Equip. Ltd.	Port Coquitlam
White & Taylor Ltd.	445 West, 2nd Ave., Vancouver
Willcock Truck Equip. Co. Ltd.	205 W. 2nd Ave., Vancouver

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

The reporting unit for the Census is designated as the **establishment** (see definition of "Establishment" in following section) and a return is requested from every establishment classified to a manufacturing industry. Although respondents are required to submit reports covering the calendar year, financial year reports other than the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. When an establishment is operated for only part of a year a report is required covering the period of operation.

There are four different questionnaires used in the Census of Manufactures; (a) short form (b) long form (c) head office questionnaire and (d) commodity questionnaire. The short and long forms are used to obtain principal statistics and commodities shipped from establishments classified to manufacturing industries and differ only in the amount of detail requested. The short form is a single-sheet questionnaire sent to small manufacturers generally reporting shipments of less than \$100,000; this cut-off, however, varies somewhat between industries. The head office questionnaire is generally used for company head offices and/or auxiliary units separately located from the manufacturing establishment(s), (see following notes on Head offices and auxiliary units). The Commodity questionnaire is used to survey certain establishments which are coded (on the basis of their principal activity) to industries other than manufacturing in the Standard Industrial Classification system, but which undertake some manufacturing as a subsidiary activity. This single-sheet questionnaire is designed to collect information on the quantity and value of goods of own manufacture shipped by such establishments in order to achieve full coverage of domestically manufactured commodities (see the following note under Shipments).

The results of the Census are presented in some 140 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covering the shipments of all manufactured commodities arranged in alphabetical order is also published.

Since 1960 the following major changes have been implemented in the Census of Manufactures: (a) a revised Standard Industrial Classification (b) a new establishment definition and (c) an extension of the establishment definition to cover the non-manufacturing activities of manufacturing establishments. The statistics presented in the various 1963 reports reflect the complete implementation of these changes and enable comparisons to be made with the years 1961 and 1962. For a complete description of the procedures followed in establishing the revised series, reference should be made to the Explanatory Notes included in the 1960, 1961 and 1962 industry publications. The statistical framework within which the Census of Manufactures is now carried out is based on the following concepts and definitions which have been developed as part of a general programme to achieve a fully integrated system of economic statistics.

Establishment

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. The majority of such establishments are firms but many firms have more than one establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements embodied in the following definition of the "establishment":

"The smallest unit which is a separate operating entity capable of reporting the following principal statistics:

- Materials and supplies used
- Goods purchased for resale as such
- Fuel and power consumed
- Number of employees and salaries and wages
- Man-hours worked and paid
- Inventories
- Shipments or sales."

Each establishment is required to report on all the activities carried out within its accounting boundaries (except income from investments such as rent, interest and dividends) and data on the different activities (manufacturing, trading in goods not of own manufacture, construction by own labour

force, revenue from services, etc.) are requested to be reported separately. It should be noted that the statistics for separate activities are not completely consistent since some respondents cannot distinguish, in their records, materials, shipments and inventories relating solely to their own manufacturing activities. For example, inventory of goods purchased for re-sale may not be distinguishable from inventory of own manufactured goods. Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level and for studies or statistical measures requiring accurate coordinated data, the "total" statistics should be used.

The number of establishments represents the number of operating units that are principally engaged in the activities of the manufacturing industries to which they have been classified. These units do not necessarily represent the total number engaged in the production of a commodity mainly produced in a certain industry. Some commodities are produced as secondary products in other manufacturing and non-manufacturing industries. It should be noted that head offices and auxiliary units which are surveyed separately are not included in the establishment count, (see following notes on head offices and auxiliary units).

Head Offices and Auxiliary Units

All head offices and auxiliary units of companies classified to the manufacturing industries such as sales offices, administrative offices, warehouses, laboratories, etc. are now surveyed as part of the Census of Manufactures.

These head offices and auxiliary units are either included in an establishment report or are surveyed by means of the head office questionnaire. The former is the most common case where a single establishment firm has its executive personnel, sales office, etc. located at the site of the manufacturing plant (establishment). The special head office questionnaire is generally used where a firm, regardless of the number of establishments, has separately located offices or auxiliary units. Such offices or units do not constitute establishments within the Census of Manufactures as they do not normally generate operational revenues, but give rise only to costs of operations (mainly salaries and wages) which are automatically included in the value of shipments or sales. Although not considered as establishments, and hence, not included in the "establishment" count for an industry, the operational costs are reflected in either the "Industry" statistics (3 or 4 digit level) or the "Major group" statistics (2 digit level) according to the following rules:

(a) In the case of single establishment firms, statistics for separately located offices and units are classified to the same industry (3 or 4 digit) as the establishment;

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the

firm, when all establishments are in the same industry (3 or 4 digit). When establishments of such firms are coded (1) to different industries within a major group, (2) to industries in different major groups or (3) to industries in different divisions of the Standard Industrial Classification, then the statistics are included in the major group totals (2 digit level) in which the major part of the company's operations are classified. Although this may result in some distortion of major group statistics in the case of (2) and (3) the statistics at the industry (3 or 4 digit) level in all cases will be left free of these company-wide data.

Employees

(a) Production and related workers – Manufacturing activity

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. Production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

(b) Production and related workers – Non-manufacturing activities

Such employees include those on manufacturing establishments' payrolls engaged in activities such as construction undertaken for the use of these establishments, some outside piece-workers employed in certain industries, logging employees who are reported as part of a sawmilling establishment and any other production workers who are not engaged in manufacturing-type operations.

(c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers,

etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the line supervisor or working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical, etc. It should be noted that prior to 1961 this category also included working owners and partners. Also included in this category are employees located at head offices or auxiliary units separately located from the establishment; these are generally included in the figures for the province in which they are located according to the rules outlined under "Head offices and auxiliary units" above.

(d) Sales and distribution workers

This category includes office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truckdrivers and their helpers, etc. It may also include some sales employees who are reported as part of a manufacturing establishment but are not working at the establishment's location. These are generally broken down by province in cases where more than 15 employees are involved in any one province. The figures exclude persons working on a commission basis who are not considered regular employees of the establishment.

(e) Total Employees

This total comprises the foregoing categories including employees located at separately located head offices and auxiliary units. The numbers of employees included under categories (b), (c) and (d) are reported in the form of annual averages and represent as closely as possible full time employment; adjustments are made when reported figures indicate the existence of part time or seasonal employment. In all the above categories, figures on employment refer to the calendar year whether or not other establishment statistics can only be reported on a fiscal year other than the calendar year.

Working Owners or Partners

These are not now included in the statistics of employees and salaries and wages. There is some duplication in numbers when a person owns more than one establishment and is reported as a working owner on each Census return. Withdrawals of working owners defined as amounts withdrawn by owners or partners for normal living expenses excluding withdrawals for payment of income tax.

Salaries and Wages

Salaries and wages refer to gross earnings of employees **before** deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages, bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any

other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars, trucks, locomotives, etc.), not to purchases unless the quantities are substantially the same. **Any fuel and electricity produced by establishments for internal consumption are not included in the total cost.** Values represent laid down cost at the establishment including freight, duty, etc. Although fuel and electricity used is considered part of manufacturing activity it should be noted that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

Materials and Supplies

(a) Manufacturing activities

Figures represent quantities and laid down cost values, at the establishment, of materials, supplies and purchased components owned and used during the year in manufacturing activities and related processes. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts charged by other establishments for work done on materials owned by the reporting establishment. Cost of repairs or maintenance done by outside contractors and cost of returnable containers are not included.

(b) Non-manufacturing activities

1. Purchases for re-sale as such

Figures represent cost of materials or products purchased from others by the reporting establishment (or received as transfers from other establishments of the reporting company) for re-sale as such in the same condition as purchased. Included are any finished products received on consignment from other countries.

2. Other materials and supplies used

Figures represent the cost of materials and supplies, if any, used in new construction and in the production of machinery and equipment (for the use of the reporting establishment) by the establishment's own employees. Included are materials used for any capital repairs and alterations carried out by the establishment's employees. Amounts paid to outside contractors for construction and repair work are not included nor is the cost of purchased machinery and equipment. Also included is the cost of office supplies not chargeable to

fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

The figures represent revenue from all production, sales, services and related activities of reporting establishments with shipments valued in Canadian dollars at the point at which the establishment relinquishes control. The unsold portion at year end of consignment shipments in Canada is treated as inventory and not as shipments but all shipments to foreign countries for which the form B13 "Customs Canada Export Entry" has been completed, are treated as shipments.

In those industries where work on principal products extends over a relatively long period, (Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair Industry) the value of production rather than the value of shipments is recorded. There are certain establishments in other industries which also operate on a basis of progress payments. For these establishments, shipments are also adjusted to work put in place on the basis of the net change in progress payments over the year.

(b) Shipments of goods of own manufacture

These figures represent shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishments for work done. Included are revenue from repair and custom work, amounts received in payment for work done on materials owned by other establishments and the cost (book value) of any goods shipped on a rental basis.

All products and by-products of own manufacture shipped from the establishment are covered, including transfer shipments to sales outlets, distributing warehouses or to other manufacturing plants of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of returned goods, discounts, returns, allowances, sales tax and excise taxes and duties, returnable containers and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity are collected by means of the Commodity questionnaire referred to earlier. Such shipments together

with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

These figures represent the net selling value at establishment (net of discounts, returns, allowances, sales taxes and excise duties and taxes and transportation charges by common or contract carriers) of all products or materials (including products transferred from other establishments of the reporting firm) sold as such in the same condition as purchased or received as transfers. For those industries which ship such goods on a rental basis, the value of shipments represents the book value of these goods. All sales of consignment goods from other countries are included.

(d) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs, alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishment's own employees and for which depreciation accounts are maintained. Included also are any revenues from the sale of electricity and from any operations performed by the establishment's own employees, such as revenue from goods produced or purchased for rental (the book value of such goods are included as part of shipments of goods of own manufacture or shipments of goods not of own manufacture), servicing revenues, commissions on sales (when not included in value of sales), revenue for company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishment's own products, sale of used materials (excluding sale of used fixed assets) research and development work, etc. As mentioned previously the figures do not include non-operating revenue such as rent, dividends, interest, etc.

Inventories

(a) Manufacturing activities

Values represent the book values of manufacturing inventory owned in Canada. Inventories held for which progress payments have been received are not included. Where progress payment accounts are maintained, the change in these accounts is treated as a net adjustment to shipments. Figures consist of inventory owned at the plant and at warehouses or selling outlets which are treated as extensions of establishments for the purpose of reporting shipments. Inventory owned in transit in Canada or on consignment in Canada is included. Goods shipped abroad and held in inventory are included in shipments. Opening inventories may differ from the closing inventories of the previous year because of changes in classification, the

receipt of revised data, the inclusion of new establishments and the removal of establishments which did not operate during the survey year.

(b) Non-manufacturing activities

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by the reporting establishments and held at plants and at any warehouses or selling outlets which are treated as extensions of establishments. Other characteristics are the same as in (a) above.

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).

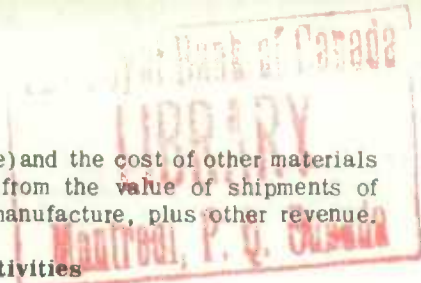
(b) By non-manufacturing activities

The figures are compiled by deducting the cost of goods purchased for re-sale (adjusted for changes in the value of inventories of goods

purchased for re-sale) and the cost of other materials and supplies used from the value of shipments of goods not of own manufacture, plus other revenue.

(c) By Total activities

The figures consist of value added by manufacturing activities plus value added by non-manufacturing activities. This total value added figure may, in some cases, be less than value added by manufacturing activities as a result of expenditures associated with non-manufacturing exceeding revenues from such activities or because of a decrease in inventory of goods not of own manufacture exceeding the mark-up on the sale of such goods. "Value added" is sometimes referred to as net production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, "Survey of Production".



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