CATALOGUE No.

34-212

ANNUAL





# FOUNDATION GARMENT INDUSTRY 1963

ANNUAL CENSUS OF MANUFACTURES

Published by Authority of The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

January 1966 6521-637

Price: 50 cents

#### **PUBLICATIONS**

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

Catalogue			Pr	ice
number	Title	Periodicity	per	per year
31 - 201	General Review of the Manufacturing Industries of Canada	A	\$2.00	
31 - 211	Products Shipped by Canadian Manufacturers	A	.75	
31-001	Inventories, Shipments and Orders in Manufacturing Industries	M	.30	\$3.0
65-004	Exports by Commodities	M	.75	7.5
65-007	Imports by Commodities	M	.75	7.5
34 - 202	Canvas Products Industry	A	.50	
34-203	Cordage and Twine Industry	A	.50	
34-204	Cotton and Jute Bag Industry	A	.50	
34 - 205	Cotton Yarn and Cloth Mills	A	.50	
34-206	Textile Dyeing and Finishing Plants	A	.50	
34 - 207	Narrow Fabric Mills	A	.50	
34-208	Synthetic Textile Mills	A	.50	
34-209	Wool Mills	A	.50	
34 - 210	Miscellaneous Textile Industries	A	.75	
34-212	Foundation Garment Industry	A	.50	
34 - 213	Fur Goods Industry	A	.50	
34 - 214	Hat and Cap Industry	A	.50	
34 - 215	Hosiery and Knitting Mills	A	.50	
34-216	Men's Clothing Industry	A	.50	
34 - 217	Women's and Children's Clothing Industries	A	.50	
34-218	Miscellaneous Clothing Industries	A	.50	
34 - 219	Fibre Preparing Mills	A	.50	
34 - 220	Thread Mills	A	.50	
34-221	Carpet, Mat and Rug Industry	A	.50	
34-001	Garment Shipments	Q	.25	1.0
34-002	Foundation Garment Shipments	Q	.25	1.0

A - Annual Q - Quarterly M - Monthly

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

## FOUNDATION GARMENT INDUSTRY

### 1963

In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in manufacturing corsets, girdles, brassieres and other foundation garments".

As will be noted from most tables in this report, the manufacturing activity and the total activity in this industry in 1963 was greater than in 1962. Tables 6 and 7, respectively, show in detail the materials and supplies used in manufacturing and the shipments of goods of own manufacture. Table 8 presents all-industry data covering the various types of foundation garments for 1954 to 1963, inclusive.

A list of the establishments classified to the industry in the 1963 survey will be found at the end of this report.

#### 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

				Man	ufacturing	activity				7	Total activ	vity	
Year and	Estab-		duction a		Cost of	Cost of	Value of shipments		Working and pe	owners urtners	Templ	otal oyees	
provinge	ments	Number	Man- hours paid	Wages	fuel and elec- tricity	materials and supplies	of goods of own manu- facture	Value added	Number	With- drawals	Number	Salaries and wages	Total value added
	No.		,000			\$'000				\$'000		\$*0	00
1961													
Totals	42	3, 220	6,326	6, 561	123	14,607	35,842	20,824	3	7	4, 393	12, 173	20,739
1962									HIM				
									100				
Newfoundland	-	-	_	-	_	-	-	_	-	_	_	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	_	-	Ι-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	_
New Brunswick	-	_	-	-		-	-	-	-		-	-	_
and a second	26	2, 338	4,731	4,518	73	11, 216	24, 315	13,537	x	x	3, 045	8, 183	13, 438
Ontario	16	i, 316	2,623	3, 253	55	6, 232	14,903	8,853	x	х	1,624	5, 149	8,817
Manitoba	-	-	-	-	_	-		-	-	-	-	-	
Buskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	_	-	_
Yukon and Northwest Territories	-		_	_		_	-	-	_	-	-	-	-
Totals	42	3, 654	7, 354	7,771	128	17, 448	39,219	22,390	3	7	4, 669	13, 332	22, 255
1963													
Newfoundland		_		_						_		_	_
Prince Edward Island		_	_	_	_	_	_	_	_		_		-
iova Scotia				_	_	_	-	_	_	_	_		_
New Brunswick					_			_					
Quebec	25	2,537	5,333	5, 414	71	12, 140	28, 179	16,716	3	8	3, 229	9, 135	18,596
Ontario	14	1, 263	2,561	3, 190	55	6,749	16,546	10,066			1, 565	5, 213	10,079
fanitoba		-	-	-	_	-	.0,010	_			-	-	-
Saskatchewan		_		_	1 1753	_	_	_	_				
Alberta													
British Columbia												-	
Yukon and Northwest Territories													
THE THUSING A SETTINGE													
Totals	39	3,800	7,894	6,604	126	18,889	44, 725	26, 781	3	8	4, 794	14, 349	26, 675

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

				Man	ufacturing	activity					Total act	vity	
Size group	Estab- lish- ments		oduction ited work		Cost of	Cost of	Value of shipments of goods	Value		owners artners		oyees	Total
	money	Number	Man- hours paid	Wages	elec- tricity	and supplies	of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	value added
	No.		'000			\$'000				\$'000		\$1	000
1962													
Under \$10,000	1 4	11	22	19	2	16	63	45	x	x	13	22	45
\$ 10,000 to \$ 24,999	3	19	37	38	1	42	112	68	x	x	23	48	68
50,000 '' 99,999	3 4	43	86	81	2	147	320	202	_	_	59	117	20:
200,000 '' 499,999	10	302	596	619	9	1,611	3, 162	1,621	_	_	354	845	1,61
500,000 " 999,999 1,000,000 " 4,999,999	8	663	1, 251	1,387	18	2,545	5, 448	2,921	_	-	767	1,959	2,91
5,000,000 and over	} 13	2,616	5,362	5,626	96	13, 086	30, 114	17,533		_	3,453	10,340	17,41
auxiliary units	* * *				* * *	* * *	* * *	***	***			***	***
Totals	42	3,654	7, 354	7,771	128	17, 448	39, 219	22, 390	3	7	4,669	13, 332	22, 25
1963													
Under \$10,000 \$ 10,000 to \$ 24,999	} 3	6	13	11		6	30	24	x	х	7	13	2
25,000 " 49,999	-	_	_	_	_	-	-		-	_	_	_	-
50,000 '' 99,999 100,000 '' 199,999	3	24 50	55 94	53 79	2 1	53 257	183 453	126 217	x _	x _	33 61	76 107	12 21
200,000 " 499,999	8	291	606	614	8	1, 541	3,074	1,633	-	-	334	8 22	1,63
500,000 ' 999,999 1,000,000 ' 4,999,999	9	690	1,378	1,421	19	2, 969	6, 534	3,667	_	-	807	2, 084	3, 65
5,000,000 and over	} 13	2,739	5,748	6,425	97	14,064	34, 451	21, 114			3,552	11, 267	21,01
auxiliary units	D q 4	* 4 *	4 4 9					4 4 4			000	***	0.0
Totals	39	3,800	7,894	8,604	126	18,889	44,725	26, 781	3	8	4,794	14, 349	26, 67

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

				Man	ufacturing	activity					rotal acti	vity	
Size group	Estab- lish- ments		duction a		Cost of	Cost of materials	Value of shipments of goods	Value		owners		otal oyees	Total
	mentes	Number	Man- hours paid	Wages	elec- tricity	and supplies	of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	value
	No.		'000			\$'000				\$1000		\$'0	000
1962													
Inder \$10,000 10,000 to \$ 24,999	} 6	22	44	44	2	45	128	79	x	x	26	51	79
25,000 " 49,999 50,000 " 99,999	} 5	51	101	94	2	160	367	236	х	X	69	136	23
100,000 " 199,999	9 9 8 5	280 685 1,074 1,542	546 1,301 2,195 3,168	563 1,443 2,281 3,345	9 18 32 65	1,448 2,707 5,642 7,444	2,791 5,818 10,993 19,121	1,409 3,133 5,661 11,872	=	=	332 789 1, 291 2, 162	789 2,015 3,594 6,746	1, 40 3, 12 5, 62 11, 79
5,000,000 and over Head offices, sales offices and auxiliary units	_	-	-	-	-	-	-	-	-	-	-	-	
Totals	42	3, 654	7,354	7, 771	128	17,448	39, 219	22, 390	3	7	4,669	13, 332	22,25
1963													
Juder \$10,000	} 3	6	13	11	••	6	30	24	x	x	7	13	2
25,000 '' 49,999 50,000 '' 99,999	} 6	74	149	132	3	309	636	343	x	x	94	183	34
100,000 '' 199,999 200,000 '' 499,999 500,000 '' 999,999	6 7	175 385 1,413	369 775 2,868	356 879 3,094	5 13 38	1,240 1,925 6,936	2, 209 3, 896 14, 284	985 2, 109 7, 683	=	=	215 440 1,847	569 1, 135 4, 587	2,09 7,63
1,000,000 ' 4,999,999	} 6	1,747	3,720	4, 131	68	8, 473	23, 667	15,637	_	_	2, 391	7,862	15, 58
auxiliary units	200		* * *	* 0 6	***		4 4 5	000			* * *	* * *	
Totals	39	3, 800	7,894	8, 604	126	18,889	44, 725	26, 781	3	8	4, 794	14, 349	26,6

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

	TE.			Мал	ufacturing	activity				T	otal activ	ity	
Size group	Estab-		duction a		Cost of	Cost of	Value of shipments of goods	Value	Working and pe	owners		otal oyees	Total
	ments	Number	Man- hours paid	Wages	fuel and elec- tricity	materials and aupplies	of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	value
	No.		,000			\$'000				\$'000		\$'0	00
1962													
Under \$10,000 \$ 10,000 to \$ 24,999	} 6	22	44	44	2	45	128	79	x	ж	26	51	79
25,000 '' 49,999 50,000 '' 99,999	} 5	51	101	94	2	160	367	236	x	x	69	136	236
100,000 '' 199,999	9 9 8 5	280 685 1,074 1,542	546 1,301 2,195 3,168	563 1, 443 2, 281 3, 345	9 18 32 65	1, 448 2, 707 5, 642 7, 444	2,791 5,818 10,993 19,121	1, 409 3, 133 5, 661 11, 872			332 789 1, 291 2, 162	789 2,015 3,594 6,746	1, 40 7 3, 122 5, 620 11, 790
Head offices, sales offices and auxiliary units	***					***		***		***			
Totals	42	3,654	7, 354	7,771	128	17,448	39, 219	22,390	3	7	4,669	13, 332	22, 255
1963													
Under \$10,000	} 3	6	13	11		6	30	24	х	x	7	13	24
25,000 '' 49,999 50,000 '' 99,999	} 6	74	149	132	3	309	636	343	х	×	94	183	343
100,000 '' 199,999	6 7 11	175 385 1,413	369 775 2,868	356 879 3,094	5 13 38	1, 240 1, 925 6, 936	2,209 3,896 14,264	985 2, 109 7, 683	=	=	215 440 1,647	569 1,135 4,587	989 2,099 7,633
1,000,000 ' 4,999,999 5,000,000 and over lead offices, sales offices and	} 8	1,747	3,720	4, 131	68	8,473	23,667	15,637	-	-	2, 391	7,862	15, 587
auxiliary units			* * *			***	***	***	***		• • •		• • •
Totals	39	3,800	7,894	8,604	1 26	18,889	44, 725	26, 781	3	8	4, 794	14, 349	26,675

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

				Man	ufacturing	activity				Т	otal activ	rity	
Size group	Estab- lish-		duction a		Cost of	Cost of	Value of shipments		Working owners and partners			tal oyees	Total
	ments	Number	Man- hours paid	Wages	fuel and elec- tricity	materials and supplies	of goods of own manu- facture	Value added	Number	With- drawals	Number	Salaries and wages	value added
	No.		,000		Į.	\$,000				\$'000		\$*0	00
1962													
Under 5 employed	3 8 7 7	3 66 165 396 1, 238	7 133 343 784 2,443	6 136 360 878 2,395	5 6 7 40	10 297 1,042 1,635 6,320	38 580 2,067 3,363 12,705	28 338 1,061 1,739 6,626	* -	x	83 187 478 1,505	7 176 495 1, 259 3, 971	28 338 1,060 1,732 6,583
200-499 " 500 employed and over Head offices, sales offices and auxiliary units	} 6	1, 786	3,643	3,976	71	8, 144	20, 466	12,599	-	-	2, 414	7,423	12, 513
Totals	42	3, 654	7, 354	7,771	128	17,448	39,219	22, 390	3	7	4,669	13, 332	22, 255
1963													
Under 5 employed	3 4 8 7 11 6	1 29 186 389 1,330 1,865	3 65 374 832 2,653 3,967	3 61 417 910 2,816 4,397	2 4 10 43 67	406 53 1,027 1,897 6,899 8,608	555 196 2, 200 3, 960 14, 147 23, 647	123 138 1, 220 2, 223 7, 745 15, 332	*	*	5 39 223 450 1,599 2,478	30 86 545 1,282 4,435 7,970	122 138 1,226 2,215 7,693 15,282
Totals	39	3, 800	7,894	8,604	126	18, 889	44, 725	26, 781	3	8	4.794	14, 349	26, 675

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

		ī		Manı	ifacturing	activity				Т	otal activ	rity	
Type of organization	Estab- lish-		duction a		Cost of	Cost of	Value of shipments			owners		otal oyees	Total
	ments	Number	Man- hours paid	Wages	fuel and elec- tricity	materials and supplies	of goods of own manu- facture	Value added	Number	With- drawals	Number	Salaries and wages	value added
	No.		,000			\$'000				\$'000		\$'0	00
1962													
Individual ownerships	5	15	31	29	1	40	1 15	75	3	7	18	36	75
Partnerships	9999			_	-	_		_	-	_	-	-	-
Incorporated companies	37	3,639	7,323	7,741	127	17, 408	39, 103	22, 315			4,651	13, 295	22,180
Cooperatives	-	_	-	-	-			_			199	-	-
Head offices, sales offices and auxiliary units		***	***	* 5 4	• • •			***					
Totals	42	3, 654	7, 354	7, 771	128	17, 448	39, 219	22,390	3	7	4, 669	13, 332	22, 255
1963													
Individual ownerships	3	11	27	23	1	20	69	49	3	8	12	27	49
Partnerships	-	-	_	_		_	_	_	_	_	_	_	
Incorporated companies	36	3,789	7,867	8,580	126	18,869	44,656	26,733			4,782	14,321	26,627
Cooperatives	-	_	-	-	_	_	-	_		***	_	-	-
Head offices, sales offices and auxiliary units			4 8 8		4 4 9					***			4 4 0
Totals	39	3, 800	7, 894	8,604	126	18,889	44, 725	26, 781	3	B	4, 794	14, 349	26,675

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

	Manufact activit		Non-manufa activit		lota activi	
	1962	1963	1962	1963	1962	1963
CHIEF BOLD CONTRACTOR CONTRACTOR			\$'000			
Output				1		
1. Shipments and other revenue	39,219	44,725	176	271	39, 395	44, 996
Inventories - Goods of own manufacture:	_				10000	
Add closing - Goods in process	1,388	1,805		* * *	1,388	1, 805
Finished goods	3,623	4, 440			3,623	4, 440
Less opening - Goods in process	1,108	1, 298		4 * 1	1, 108	1, 298
Finished goods	3, 155	3,875	9 6 8	4 + +	3, 155	3,875
2. Net inventory change	748	1,072		***	748	1,072
3. Gross output (I+2)	39,967	45,797	176	271	40, 143	46,068
Input						
4. Purchases of goods not of own manufacture	0.00	440	116	163	116	163
Inventories - Goods not of own manufacture:						
Add opening	4 4 4	•••	25	21	25	21
Less closing	4 4 4		21	45	21	45
5. Cost of goods sold (not of own manufacture)			120	139	120	139
6. Materials, supplies, components and semi-processed goods	17, 448	18, 889	191	237	17,839	19, 126
7. Fuel and electricity	128	126			128	126
8. Gross input (5+6+7)	17,576	19,015	311	376	17,887	19, 391
Census value added (3-8)	22, 390	26, 781	( 135)	( 106)	22, 255	26,675

TABLE 3. Employment and Payroll, 1962 and 1963

					Emplo	yees						Salari	es and w	ages	
Year and		Product related			tra	inis- tive	8.	les nd bution		otal oyees	Product related		Admin- istra-	Sales	Total
province	Manufa	cturing	0	ther	and	onne	distri	button					tive	distri- bution	and
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other	office		
					numl	ber							\$'000		
1962										1		1			
Newfoundland		_	_	_	_		_	_		_	_		_	_	_
Prince Edward Island	-	_	_	_	_	-	_	_	-	_	-	_	-	_	_
Nova Scotia		_	_	_	_	_	_	_	_	_	_	_	_		_
New Brunswick	_	_		-	_	-		-	_	-	_		_	_	_
Quebec	260	2,078	4	34	147	320	129	73	540	2,505	4, 518	195	2,023	1, 447	8, 183
Ontario	158	1, 158	_	3	87	130	79	9	324	1.300	3, 253	3	1.012	881	5, 149
Manitoba	_	_		_	_	_	_	_	_	_	_	_		_	_
Saskatchewan	_	_	_	_	-		_	_	_	-		_	_	-	_
Alberta	_	_	_	_	_	_		_	_	-	_	_	_	_	_
British Columbia	_	_	_	_	_	_	_	_	_		_	_	_	_	_
Yukon and Northwest Terri- tories	_	_	_	_	_	_			_		_		_	_	_
Totals	418	3,236	4	37	234	450	208	82	864	3, 805	7,771	198	3, 035	2,328	13, 332
1963															
Newfoundland	_		_	_	_	-	-	_		-	_	_	_	-	_
Prince Edward Island	_	-	_	_			_	_	_	_	_		_	_	_
Nova Scotia	_	_	_	-	-	-	_	-	_	_	_	_	_	_	-
New Brunswick	_	_	_	_		_	_	_	_	_	-	_	-	-	-
Quebec	234	2, 303		10	161	334	1.27	60	522	2,707	5, 414	38	2,062	1,621	9, 135
Ontario	144	1, 119	_	_	83	134	76	9	303	1, 262	3, 190	-	1, 121	902	5, 213
Manitoba	_	-	_	-	_	-	_		_	-	-	_	-	_	_
Saskatchewan	_	_	_	_		-	_	-	_	_	_	_	_	_	_
Alberta	_		_	_	_	-	_	_	_	-	-	_	_	_	_
British Columbia	_	-	_	_	_	_	_	_	_	_	_	-	_	_	~
Yukon and Northwest Terri- tories	_	-	-	_	_	_	_		_	_	_	_	_	_	_
Totals	378	3, 422		10	244	468	203	69	825	3,969	8,604	38	3, 183	2, 523	14, 341

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

	Estal	lishments report	ing monthly deta	ail
Month	196	2	196	3
	Male	Female	Male	Female
		numbe	t	
Jamary	456	3, 110	340	3, 183
Pebruary	464	3, 115	355	3, 198
March	459	3, 198	339	3, 187
April	453	3, 190	362	3, 167
ky	444	3, 216	356	3, 222
June	452	3, 296	375	3, 247
July	453	3, 265	381	3,178
August	463	3, 244	384	3, 246
September	462	3, 297	378	3, 398
October	461	3,320	380	3,518
November	454	3, 384	381	3,675
De ce mber	443	3,268	360	3, 594
Average for establishments reporting monthly detail (collected only for large establishments).	418	3, 236	378	3, 422
Average for small establishments (only annual averages collected)	1 * *	***		***
Average for all establishments	418	3, 236	378	3, 422

TABLE 4. Industry Inventories, 1963

		Manuí	acturing		Non- manufacturing	
Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	Total inventories
			book val	ue \$'000	1	
Opening:						
Newfoundland	-		-		-	-
Prince Edward Island	-	_	_	_	_	_
Nova Scotia	-	-	-	-	-	-
New Brunawick	_	_	_ 1	<u> </u>	_	-
Quebec	3,049	652	2, 184	5,885	22	5,888
Ontario	1, 166	646	1,691	3,504	19	3,522
Manitoba	_	den	-	-	_	_
Saskatchewan	-	_ 1	-	-	-	-
Alberta	_	-	-	-	-	-
British Columbia	_	_	_	_	-	_
Yukon and Northwest Territories	_	_	_	_	_	_
Totals	4,216	1,298	3,875	9,389	21	9, 410
Closing:						
Newfoundland	_		_		-	_
Prince Edward Island	-	-	-	_	_	_
Nova Scotia	-	-	-	_	-	_
New Brunswick	_	_	_	_	_	_
Quebec	3,222	1,043	2,541	6,806	19	6, 825
Ontario	1, 157	762	1, 900	3, 819	26	3,845
Manitoba	_	_	_	_	_	_
Saskatchewan			_	_	-	1 -
Alberta	_	_	_	_	_	
British Columbia		_	_		_	
Yukon and Northwest Territories		_	_	_	_	
Totals	4,379	1,805	4, 440	10, 625	45	10,670

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

	1962		1963	
Description	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines ton	_	-	_	-
(b) Imported	_	_		-
Sub-bituminous coal (from Alberta mines only)	die	_		-
Anthracite coal	127	2	90	
Lignite coal	_	_	_	
Coke	_	_	_	-
Gasoline (including gasoline used in cars and trucks) Imp. gal.	35,631	14	32, 351	1
Fuel oil including kerosene or coal oil	345, 846	35	273,800	2
Woodcord	_	-	_	
Gas:				
(a) Liquefied petroleum gases	26	4.0		
(b) Other manufactured gas	-	-	_	_
(c) Natural gas	429	1	353	
Other fuel			-	-
Electricity purchased	4, 459, 463	67	4,834,814	7
Steam purchased	* * *	-		-
2. Estimate for small establishments:				
Fuel and electricity		10	***	
3. All establishments:				
Total fuel and electricity used		128	***	12

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

	1962		1963	
Description	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used:	4, 238, 147 980, 470 729, 817 669, 122	2, 453 901 770 3, 279 1, 731 1,677 1,761 389 582	4,852,339 981,230 729,918 757,615	2,890 845 742 3,592 1,775 2,006 1,909 390 139 572
All other materials and components used <sup>1</sup>	• • •	2, 680		2, 566
2. Containers and other packaging materials and supplies used		651		744
3. Operating, maintenance and repair supplies used (excluding fuel)		278		404
4. Amount paid out to others for work done on materials owned by establishments		127	• • •	315
Totals		17, 448	• • •	18, 889

No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,457,321 in 1962 and \$1,322,896 in 1963.

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

		196 2		1963	
Description		Quantity	Value	Quantity	Value
			\$'000		\$'000
1. Products:					
Corselettes or all in one garments:	dos	11, 939	430	12,957	726
Cotton	doz.	4, 321	333	4.834	368
Nylon	0.6	11, 807	652	10.764	571
Rayon and mixtures All elastic - Lastex, lino-webb, etc.	4.4	5,925	539	6, 296	518
Girdles with rigid panels plus elastic:	0.0	21 000	1 005	20 462	1 215
Cotton	2.0	31,063 24,445	1, 275	30, 46 2 23, 599	1, 315
Nylon	0.3	98, 060	3,886	107, 457	3, 874
Girdles, principally elastic:					
Rubber thread covered in:		00.004	1 207	20 010	1 077
Cotton	4.6	62,724 55,148	1, 387 2, 187	38,812	1,677 5,032
Nylon Rayon and mixtures	44	125,859	4, 58 3	124, 441	3,758
Bandeaux bras:	**		0.450	0.00 0.00	10 000
Cotton	44	792,148	9,458	8 23, 737 105, 422	10,723 2,273
Nylon	**	8 1, 99 2 9 2, 586	1,591 1,583	100,037	1,643
Longline bras:	4.2	129,001	2, 982	133, 671	3, 309
Cotton	2.2	21, 902	981	37, 274	1, 451
Nyion Rayon and mixtures	44	27, 227	1,039	17,661	643
Garter Belts:		71, 305	633	74, 501	688
Cotton	2.0	26, 397	309	27,983	287
Nylon	49	28, 837	364	30, 757	304
Surgical belts, etc.			3, 157		3, 499
Underwear, all kinds					
All other products					
2. Amount received in payment for work done on materials and products owned by others		0 0 0	92		189
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described					
above		p 0 d	(2)		(23)
Total adjusted value of shipments and work done			39, 219		44, 725

TABLE 8. Shipments of Selected Goods of Own Manufacture - All Industries, 1954 to 1963 (Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Year	Corsets and girdles		Combination garments <sup>1</sup>		Bandeaux brassieres, etc.	
	doz.	\$'000	doz.	\$'000	doz.	\$'000
1954	207, 290	7,988	15,569	939	774,726	10, 757
1955	239, 274	8,924	20, 120	1, 149	910, 974	12, 253
1956	329, 374	9,923	28, 531	1,586	953, 021	12,911
1957	206, 703	9,335	78, 122	3,060	865,786	14, 268
1958	281,851	11,763	40,810	1,764	963, 975	14,959
1959	318,805	12,112	27,009	1,787	1,015,544	16, 227
1960	322, 939	13,063	31,947	1.860	1, 103, 096	17, 200
1961	333, 262	14,037	32,765	1,859	1,038,869	16, 963
1962	399, 240	15, 211	34,652	1,992	1,149,433	17,717
1963	493, 222	20,386	35,518	2, 220	1, 222, 427	20, 111

<sup>1</sup> Excludes children's waists.

#### 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
Quebec:	
Alpa Mfg. Co. Ltd.	
Best Form Brassiere Co. Ltd.	
Best Form Brassiere Co. Ltd.	
Brassière Jouvence	
Canadian Lady Corset Company Ltd.	
Canadian Lady Corset Co. Ltd.	
Deivoye, R. Inc.	
Dominion Corset Company Ltd.	
E. T. Corset Company Ltd., The	
Figure Maker Ltd.	1, rue du Quay, St-Simor
Grenier, C.J. Ltd.	4835 Colonial Ave., Montréal
Grenier, C.J. Ltd.	
Keline Enr'g.	
La Brassière Marquise & Cie Enr'g.	
Mystérieuse Inc.	5265 Papineau St., Montréal
Perfection Corset Company Ltd., The	
Peter Pan Foundations (Que.) Inc.	
Ross Corsets Ltd.	155 St. Paul St., Québec
Smart Brassieres Inc.	
Spencer Supports (Canada) Ltd.	Rock Island
Vanity Brassiere Co. Ltd.	7255 Alexandra St., Montréal
Vogue Brassiere Corp.	9350 Esplanade Ave., Montréal
Vogue Corset Co. Ltd.	
Warner Brothers Company of Canada (1960) Limited	
Womder Form Co. Ltd.	
Ontario:	
Canadlan H.W. Gossard Co. Ltd., The	
Canadian H.W. Gossard Co. Ltd., The	
Exquisite Form Brassiere (Canada) Ltd.	
Flexees (Canada) Limited	
Formfit Co., The	
Gordon and Mason Ltd.	
Hayward, A.P. and The Children's Wear Ltd.	
Kops Brothers Limited	
Lagnon Manufacturing Ltd.	
Lovable Brassiere Co. of Canada Ltd.	
Nu Bone Corest Company of Canada Ltd., The	
Playtex Ltd.	
Rose Marx Brassieres Limited	
Stella Lucas Co. Ltd.	

#### 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 it's 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 fulltime 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 companyoperated 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

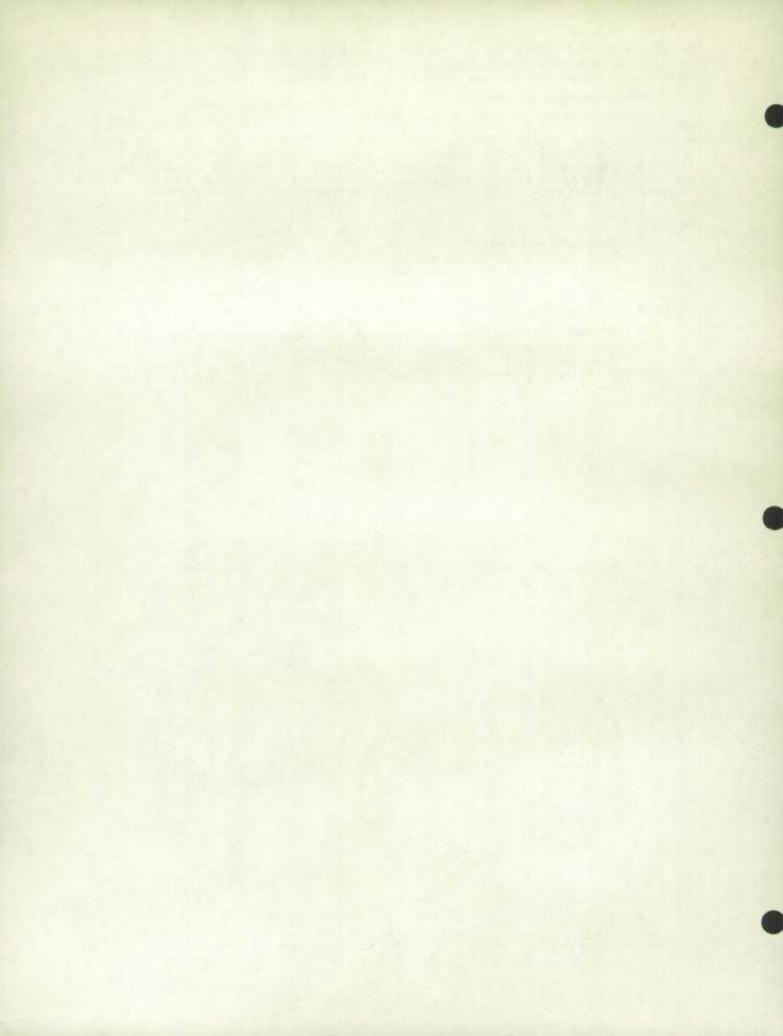
Figures are compiled by deducting the cost of materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).

#### (b) By non-manufacturing activities

The figures are compiled by deducting the 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".







DOLINE TRIDITATION OF THE TRIPITOR