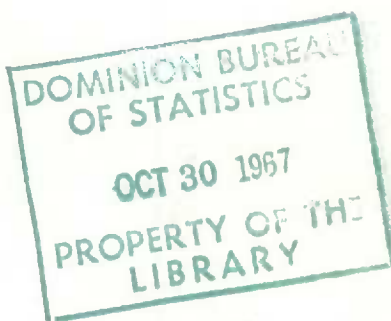


CATALOGUE No. 3

44-213

ANNUAL



STONE PRODUCTS MANUFACTURERS 1965

ANNUAL CENSUS
OF MANUFACTURES

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STONE PRODUCTS MANUFACTURERS

1965

For statistical purposes the industry titled Stone Products Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in cutting, shaping and finishing stone for building and other purposes. Important products of this industry include monuments and tombstones, dimension stone for buildings, and stone furniture. Establishments that quarry stone and do some shaping and finishing are classified in the Stone Quarries industry. Establishments primarily engaged in buying and selling monuments and tombstones, even though they do some lettering and finishing are classified in either the Wholesalers, n.e.s. industry or the Retail Stores, n.e.s. industry.

Value of shipments and other revenue (manufacturing and non-manufacturing) of the Stone Products Industry amounted to \$14.1 million in 1965 compared with \$14.5 million in 1964, a decrease of \$0.4 million or 2.5 per cent. Included in this total were shipments of building stone valued at \$5.4 million and monuments valued at \$5.8 million. Shipments of other manufactured products (secondary products) amounted to \$2.4 million, while other revenue (non-manufacturing) amounted to \$0.5 million.

This industry's shipments of building stone and monuments represented 82 per cent of its manufacturing revenue. Secondary products shipped by this industry in 1965 included semi-processed monuments, lettered monuments, marble chips and dust, etc.

The cost of materials and supplies, fuel and electricity, etc. (inputs), used in the production of goods of own manufacture decreased by \$0.5 million. Cost of inputs in 1965 represented 39.5 per cent of value of total gross output, compared to 42.6 per cent in 1964.

SYMBOLS

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

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

TABLE 1. Principal Statistics, 1961-65

Year and province	Estab- lish- ments	Manufacturing activity							Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added	
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages		
	No.		'000			\$'000				\$'000			\$'000	
1961														
Totals	133	762	1,510	2,492	300	4,362	11,497	6,908	96	348	1,071	3,862	7,075	
1962														
Totals	130	775	1,573	2,766	287	4,497	11,836	7,231	95	367	1,052	4,150	7,276	
1963														
Totals	133	778	1,590	2,934	294	4,984	12,681	7,614	91	385	1,068	4,338	7,784	
1964														
Newfoundland	3	}												
Prince Edward Island	1		32	74	107	14	150	450	291	5	15	42	155	291
Nova Scotia	3													
New Brunswick	6	49	113	166	18	194	651	425	3	14	61	232	424	
Quebec	54	286	590	1,009	120	1,593	4,573	2,791	40	158	390	1,458	2,803	
Ontario	40	275	608	1,247	130	2,609	6,115	3,337	25	127	390	1,862	3,417	
Manitoba	9	78	152	327	25	737	1,367	562	8	48	112	515	729	
Saskatchewan	2	}												
Alberta	3		27	57	107	7	251	567	361	—	—	42	171	358
British Columbia	10	32	64	106	6	128	396	263	6	26	39	134	266	
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	131	779	1,659	3,068	320	5,662	14,120	8,030	87	388	1,076	4,526	8,286	
1965														
Newfoundland	3	}												
Prince Edward Island	1		35	77	117	14	167	469	291	3	8	45	175	321
Nova Scotia	2													
New Brunswick	6	60	131	197	20	225	775	559	3	17	75	290	557	
Quebec	47	371	848	1,585	199	1,928	5,849	3,793	34	176	516	2,345	3,774	
Ontario	37	273	585	1,272	127	2,443	5,476	3,216	18	85	380	1,894	3,288	
Manitoba	6	12	25	47	6	153	346	191	6	30	32	157	329	
Saskatchewan	2	}												
Alberta	2		18	36	67	4	72	240	162	—	—	28	108	161
British Columbia	8	31	63	119	6	146	438	294	3	11	39	155	294	
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	114	800	1,765	3,404	376	5,134	13,593	8,506	67	327	1,115	5,124	8,723	

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			'000				'000			'000
1964													
Under \$10,000	6	1	2	2	1	9	38	27	5	15	2	6	28
\$ 10,000 to \$ 24,999	24	23	46	61	8	167	431	261	25	87	25	67	261
25,000 " 49,999	34	66	138	206	26	459	1,186	708	37	157	80	254	718
50,000 " 99,999	29	124	273	447	50	675	1,986	1,289	14	95	185	696	1,360
100,000 " 199,999	18	124	272	473	46	1,009	2,558	1,486	5	26	198	839	1,628
200,000 " 499,999	15	263	539	1,048	111	1,617	4,403	2,650	1	8	361	1,539	2,644
500,000 " 999,999	5	178	388	832	78	1,727	3,518	1,610	—	—	224	1,116	1,647
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	(--)
Totals	131	779	1,659	3,069	320	5,662	14,120	8,030	87	388	1,076	4,526	8,286
1965													
Under \$10,000	2	13	26	40	5	129	312	180	21	75	14	47	184
\$ 10,000 to \$ 24,999	17												
25,000 " 49,999	31												
50,000 " 99,999	27												
100,000 " 199,999	15												
200,000 " 499,999	20	524	1,194	2,346	261	3,018	8,166	5,276	1	10	712	3,447	5,322
500,000 " 999,999	1												
1,000,000 " 4,999,999	1												
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	(--)
Totals	114	800	1,765	3,404	376	5,134	13,593	8,506	67	327	1,115	5,124	8,722

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity									
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added					
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages						
	No.		'000			\$'000				\$'000			\$'000					
1964																		
Under \$10,000	16	6	12	14	3	72	182	107	16	52	8	19	109					
\$ 10,000 to \$ 24,999	44	76	160	232	28	504	1,301	779	44	181	89	275	789					
25,000 " 49,999	22	69	151	249	26	471	1,277	775	29	116	94	356	848					
50,000 " 99,999	24	137	310	515	59	987	2,560	1,542	5	26	226	936	1,686					
100,000 " 199,999	16	236	485	909	90	1,622	4,005	2,314	2	13	326	1,343	2,304					
200,000 " 499,999	9	255	541	1,150	113	2,006	4,794	2,513	—	—	332	1,588	2,550					
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—					
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—					
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—					
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	(--)
Totals	131	779	1,659	3,069	320	5,662	14,120	8,030	87	388	1,076	4,526	8,286					
1965																		
Under \$10,000	11	4	8	11	2	68	152	80	12	41	4	11	80					
\$ 10,000 to \$ 24,999	29	44	89	156	21	350	893	524	30	130	53	196	527					
25,000 " 49,999	30	95	198	375	38	745	1,773	1,014	19	113	130	538	1,014					
50,000 " 99,999	21	124	261	490	55	952	2,469	1,471	5	33	201	872	1,640					
100,000 " 199,999	14	208	463	855	72	1,412	3,485	2,063	1	10	286	1,236	2,057					
200,000 " 499,999	8	325	748	1,518	187	1,607	4,821	3,354	—	—	440	2,261	3,405					
500,000 " 999,999	1								—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—								—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—					
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	—
Totals	114	800	1,765	3,404	376	5,134	13,593	8,506	67	327	1,115	5,124	8,723					

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1964													
Under \$10,000	16	6	12	14	3	72	182	107	16	52	8	19	109
\$ 10,000 to \$ 24,999	42	72	152	219	27	480	1,236	738	41	171	84	258	738
25,000 " 49,999	23	69	151	243	24	480	1,275	784	23	126	95	353	793
50,000 " 99,999	23	131	298	493	56	930	2,440	1,482	5	26	204	828	1,479
100,000 " 199,999	17	240	492	929	93	1,637	4,072	2,346	2	13	330	1,363	2,410
200,000 " 499,999	10	261	553	1,171	116	2,063	4,915	2,573	—	—	354	1,696	2,757
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	(--)
Totals	131	779	1,659	3,069	320	5,662	14,120	8,030	87	388	1,076	4,526	8,286
1965													
Under \$10,000	11	4	8	11	2	68	152	80	12	41	4	11	80
\$ 10,000 to \$ 24,999	29	44	89	156	21	350	893	524	30	130	53	196	527
25,000 " 49,999	30	95	198	375	38	745	1,773	1,014	19	113	130	538	1,014
50,000 " 99,999	20	119	251	472	52	894	2,345	1,407	5	33	182	774	1,438
100,000 " 199,999	14	208	463	655	72	1,412	3,465	2,063	1	10	286	1,236	2,057
200,000 " 499,999	9	330	758	1,536	190	1,664	4,945	3,418	—	—	459	2,359	3,606
500,000 " 999,999	1								—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	—
Totals	114	800	1,765	3,404	376	5,134	13,593	8,506	67	327	1,115	5,124	8,723

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1964													
Under 5 employed	66	92	197	307	41	741	1,900	1,120	66	286	107	356	1,205
5- 14 employed	42	215	480	797	83	1,430	3,907	2,410	19	89	324	1,290	2,404
15- 49 "	23	472	982	1,965	197	3,492	8,313	4,501	2	13	644	2,871	4,677
50- 99 "		—	—	—	—	—	—	—	—	—	—	—	—
100-199 "		—	—	—	—	—	—	—	—	—	—	—	—
200-499 "	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	(--)
Totals	131	779	1,659	3,069	320	5,662	14,120	8,030	87	388	1,076	4,526	8,286
1965													
Under 5 employed	53	77	160	297	37	721	1,809	1,050	50	230	94	379	1,054
5- 14 employed	37	182	383	720	76	1,419	3,483	2,024	15	76	264	1,117	2,055
15- 49 "	22	541	1,222	2,387	262	2,994	8,301	5,431	2	21	756	3,619	5,614
50- 99 "	1												
100-199 "	1												
200-499 "	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	—
Totals	114	800	1,765	3,404	376	5,134	13,593	8,506	67	327	1,115	5,124	8,723

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

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Individual ownerships	57	123	262	419	49	847	2, 163	1, 288	59	260	138	472	1, 289
Partnerships	13	18	39	60	8	248	579	324	28	129	28	98	332
Incorporated companies	61	638	1, 358	2, 590	263	4, 567	11, 378	6, 418	—	—	909	3, 947	6, 665
Co-operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	(—)
Totals	131	779	1, 659	3, 069	320	5, 662	14, 120	8, 030	87	388	1, 076	4, 526	8, 286
1965													
Individual ownerships	43	114	242	410	43	827	1, 919	1, 070	45	235	132	482	1, 073
Partnerships	10	17	35	60	7	163	406	236	22	93	21	75	238
Incorporated companies	61	669	1, 488	2, 934	325	4, 144	11, 269	7, 199	—	—	961	4, 557	7, 411
Co-operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1	9	—
Totals	114	800	1, 765	3, 404	376	5, 134	13, 593	8, 506	67	327	1, 115	5, 124	8, 723

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

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1964	1965	1964	1965	1964	1965
\$'000						
Output						
1. Shipments and other revenue	14, 120	13, 593	432	529	14, 552	14, 122
Inventories— Goods of own manufacture:						
Add closing— Goods in process	271	308	...	...	271	308
Finished goods	965	1, 170	...	...	965	1, 170
Deduct opening— Goods in process	395	273	...	...	395	273
Finished goods	949	784	...	...	949	784
2. Net inventory change	(108)	421	...	...	( 108)	421
3. Gross output (1 + 2)	14, 012	14, 014	432	529	14, 444	14, 543
Input						
4. Purchases of goods not of own manufacture .....	...	...	139	239	139	239
Inventories— Goods not of own manufacture:						
Add opening .....	...	...	37	27	37	27
Deduct closing .....	...	...	50	20	50	20
5. Cost of goods sold (not of own manufacture) .....	...	...	126	246	126	246
6. Materials, supplies, etc.	5, 662	5, 134	50	65	5, 712	5, 199
7. Fuel and electricity	320	376	...	...	320	376
8. Gross input (5 + 6 + 7)	5, 982	5, 510	176	311	6, 158	5, 821
Value added (3 - 8)	8, 030	8, 506	256	218	8, 286	8, 723

TABLE 8. Employment and Payroll, 1964 and 1965

Year and province	Employees										Salaries and wages					
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Admin- istra- tive and office	Sales and distri- bution	Total	
	Manufacturing		Other								Manufacturing	Other				
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						Manufac- turing	Other
	number										\$'000					
1964																
Newfoundland	}															
Prince Edward Island		32	-	-	-	6	2	1	1	39	3	107	-	41	7	155
Nova Scotia																
New Brunswick		49	-	-	-	7	2	3	-	59	2	166	-	48	19	232
Quebec		284	2	-	-	52	16	34	2	370	20	1,009	-	303	146	1,458
Ontario		273	2	-	-	62	25	28	-	363	27	1,248	-	497	118	1,862
Manitoba		77	1	12		13	4	5	-	107	5	327	52	101	34	515
Saskatchewan	}															
Alberta		26	1	-	-	6	7	2	-	34	8	107	-	54	10	171
British Columbia		32	-	-	-	7	-	-	-	39	-	106	-	28	-	134
Yukon and Northwest Terri- tories		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals		773	6	12	-	153	56	73	3	1,011	63	3,069	52	1,072	333	4,526
1965																
Newfoundland	}															
Prince Edward Island		35	-	-	-	7	1	1	1	43	2	117	-	50	8	175
Nova Scotia																
New Brunswick		60	-	-	-	9	3	3	-	72	3	197	-	74	19	290
Quebec		367	4	22	-	66	19	38	-	493	23	1,585	113	490	156	2,344
Ontario		273	-	1	-	59	26	20	1	353	27	1,272	7	505	110	1,894
Manitoba		12	-	10		8	-	2	-	32	-	47	46	51	11	157
Saskatchewan	}															
Alberta		18	-	-	-	6	4	-	-	24	4	67	-	41	-	108
British Columbia		31	-	-	-	7	1	-	-	38	1	119	-	36	-	155
Yukon and Northwest Terri- tories		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals		796	4	33	-	162	54	64	2	1,055	60	3,404	168	1,247	305	5,124

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

Month	1964		1965	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January	514	5	579	4
February	524	5	577	4
March	550	5	605	4
April	558	7	645	4
May	600	7	674	4
June	608	7	698	4
July	614	7	681	4
August	610	7	669	4
September	601	8	477	4
October	607	7	691	4
November	596	7	676	4
December	544	6	584	3
Averages	578	6	650	4
Establishments reporting annual averages (small establishments only)				
Average for all establishments	773	6	796	4

TABLE 10. Inventories, 1965

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	30	5	39	74	—	74
Prince Edward Island						
Nova Scotia						
New Brunswick	56	13	78	147	—	147
Quebec	491	76	268	835	14	849
Ontario	860	176	317	1,353	13	1,366
Manitoba	80	2	44	126	—	126
Saskatchewan	64	2	22	87	—	87
Alberta						
British Columbia						
Yukon and Northwest Territories	16	—	15	30	—	31
Totals	1,596	273	784	2,653	27	2,680
Closing:						
Newfoundland	37	7	40	84	—	84
Prince Edward Island						
Nova Scotia						
New Brunswick	44	14	107	165	—	165
Quebec	572	48	367	987	11	998
Ontario	928	236	567	1,731	9	1,740
Manitoba	84	1	49	135	—	135
Saskatchewan	59	2	19	80	—	80
Alberta						
British Columbia						
Yukon and Northwest Territories	23	1	22	46	—	46
Totals	1,748	309	1,170	3,227	20	3,347

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

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	216	365	6
(b) Imported	"	118	6	--
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	3	66	1
Lignite coal	"	—	—	—
Coke	"	10	6	--
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	217,955	274,978	101
Fuel oil including kerosene or coal oil	"	224,353	278,183	55
Wood	cord	1	8	--
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	284	18,100	4
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	19,864	13,949	12
Other fuel	—	—	—	—
Electricity purchased	kwh.	5,181,257	7,144,853	135
Steam purchased .....	...	1	...	1
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	71	...	61
3. All establishments:				
Total fuel and electricity used .....	...	320	...	376

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

Description	Cost	
	1964	1965
	\$'000	
1. Materials used:		
Stone:		
From Canadian quarries	1,157	1,119
Imported	1,149	1,125
Semi-finished monuments and slabs for further processing except lettering	290	393
Monuments cut and polished, for lettering only	276	192
Silica sand or ground quartz	14	19
All other materials and components used ¹	2,259	1,654
2. Containers and other packaging materials and supplies used	66	25
3. Operating, maintenance and repair supplies used (excluding fuel)	312	457
4. Amount paid out to others for work done on materials owned by establishments	139	149
Totals	5,662	5,133

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,275,046 in 1964 and \$1,102,937 in 1965.

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

Description	Value	
	1964	1965
	\$'000	
1. Products:		
Building stone, finished:		
Granite	1,501	1,324
Limestone	2,803	2,698
Marble	821	991
Sandstone	146	475
Monuments, bases and markers, finished:		
Granite	5,313	5,283
Limestone	217	84
Marble	468	429
All other products	2,877	2,300
2. Amount received in payment for work done on materials and products owned by others	137	145
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(162)	(137)
Net adjustment for establishments receiving progress payments	-	-
Total adjusted value of shipments and work done	14,120	13,591

List of Establishments classified to this Industry, 1965

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

Name	Location
Newfoundland:	
Cook's Marble Works	St. John's
Muir's Marble Works Ltd.	St. John's
Skinners Monumental Works	St. John's
Prince Edward Island:	
Beck, Vere, and Son Ltd.	Montague
Nova Scotia:	
Steele, John D., and Son Ltd.	32 William St., North Sydney
Tingley Monuments Ltd.	1 Lansdowne Ave., Amherst
New Brunswick:	
Charlotte County Granite Works	St. Stephen
Dupuis Bros.	Shediac
Kane, M. T., and Co. Ltd.	East Saint John
Nelson Monuments Ltd.	Sussex
Smith, Estate of E. A.	Shediac
Trites Monuments and Quarry Ltd.	Hampstead
Quebec:	
Aiello, Sebastiano, Enr.	6811 Sherbrooke St. East., Montreal
Beaulieu, Eljeur, et Fils Enr.	Ste-Hélène, Kamouraska Co.
Beebe Granite Works Co. Ltd.	Beebe
Bélanger, Lucien	St-Fabien
Berson, L., and Son	3884 St. Lawrence Blvd., Montreal
Bonetti, Ernest, Ltée	10052, rue Bruxelles, Montréal-Nord
Bonetti, E., and Tenaglia, F., Inc.	St. Léonard
Border Granite Co. Ltd., The	Beebe
Brunet, A.	Ormstown
Canadian Cut Stone Reg'd.	Terrebonne
Caron and Thérberge Ltée	Iberville
Caron, Eugène	Ste-Anne-de-Basque
Chabot, Fernand	Scott Junction, Dorchester
Chaussé, E. et Fils	Sherbrooke
Daudelin, Rolland	St-Hyacinthe
Delisle Monuments	Québec
Delwaide and Goffin Enr.	Québec
Dominion Granite Ltd.	Beebe
Ducharme, J. Maurice	Victoriaville
Dupont, Jean-Claude	6340, rue de Normanville, Montréal
Eastern Granite Co. Ltd.	Beebe
Emslie, John, and Son Reg'd.	Beebe
Eternit Cie de Granit Ltée	Disraeli
Fortin, Dollard J.	St-David
Gosselin, M.	Valleyfield
Grant Stanhope Ltée	Stanhope
Houde and Frères Enr.	Cap-de-la-Madeleine
Isabelle, Fernand	Ste-Cécile
Kipling Memorial Works	Cookshire
Lacroix Granite Co.	Vimont
Lacroix, R. and I. Granite Inc.	9945, boul. St-Michel, Montréal-Nord
Les Carrières Martineau et Deschambault Inc. (Produits de la Pierre)	St-Marc-Des Carrières
Les Monuments Waterloo Enrg.	Waterloo
Monument et Architecture Enr.	Rimouski
Monuments Funéraires St-Samuel	St-Samuel, Frontenac
Monuments Lussier Ltée	3290 rue Cadillac, Montreal 5
Moreau, Granit Enr.	Chicoutimi
Parent, G.H. Esq.	St-Jérôme
Produits Alba Inc.	Dolbeau
Provost, Emelien J. Monuments	Sherbrooke
Quebec Granite and Marble Reg'd.	1864 Darling St., Montreal
Smith Bros. Memorial Art Ltd.	1195 Ducharme Ave., Outremont
Smith Marble and Construction Co. Ltd.	207 Van Horne Ave., Montreal
St. Martin, R.N. et Fils Enr.	Hull
Thériault, André, Enr.	Rimouski
Thériault, J.L. et Fils Ltée	Quebec
Todoro et Bigras Ltée	6752, rue Sherbrooke-Est, Montréal
Vincent et Fils Enr.	Lachine
Ontario:	
Aircraft Monumental Works	Sudbury
Brown, George, and Sons Ottawa Ltd.	Ottawa
Campbell Monument Co. Ltd.	Belleville
Canadian Art Memorials Ltd.	Port Credit
Chesley Memorial Works	Chesley

List of Establishments classified to this Industry, 1965 - Concluded

Name	Location
Ontario - Concluded:	
Greber Son and Co.	1343 St. Clair Ave. W., Toronto
Davis Monument Co.	3205 Danforth Ave., Scarborough
Dufferin Marble Co. Ltd.	146 Stayner Ave., Toronto 10
Geard Cut Stone Limited	London
Goldberg Monuments	429 Spadina Ave., Toronto
Granolux Ltd.	900 Keele Street, Toronto 9
Hanco, Tony Ltd.	R.R. No. 5, Hamilton
Hibberd, Arthur Cut Stone Ltd.	195 Melita Ave., Toronto 14
Kilvington Granite Co.	31 Rainside Rd., Don Mills
Laurin, J.P., Ltd.	Ottawa
London Marble and Granite Co. Ltd.	London
Lon's Stone Works Ltd.	Belleville
Martile, Co. Ltd., The	Ajax
Ontario Marble Company Limited, Div. of Brooks Marble and Tile Co. Ltd.	Peterborough
Provincial Cut Stone Ltd. (Niagara Falls)	Niagara Falls
Quality Memorial Works	Woodbridge
Rice, W.D. and Son	Winona
Rigg Memorial Works Ltd.	Niagara Falls
Ritchie Cut Stone Co. Ltd.	203 New Toronto St., Toronto
Rivercourt Memorials	296 O'Connor Drive, Toronto
Rutter Granite Co. Ltd., The	Port Hope
Sanderson Monument Co. Ltd.	Orillia
Scott, James N., Cut Stone Co. Ltd.	3 Canvarco Rd., Leaside
Sharp Bros. Cut Stone Co. Ltd.	Hamilton
Skelton Memorials	Walkerville
Smith Monument Co. Ltd.	349 Weston Road, Toronto
Standard Stone Co. Ltd., The	Windsor
Superior Stone Ltd.	Kitchener
Thomson Granite Co. Ltd.	862 Dupont St., Toronto
Tompkins and Heels Monuments	Barrie
United Marble Co.	46 Shaftesbury Ave. Rear, Toronto
Wardell - York Memorials Limited	4956 Yonge St., Willowdale
Manitoba:	
Bonnet Monuments	St. Boniface
Boude, M.C., Memorials	972 Main St., Winnipeg
Cotton and Simpson Co. Ltd.	Portage la Prairie
Cotton Bros. Marble and Granite Works	Neepawa
Memorial Marble and Tile Co. Ltd.	1180 Walt St., Winnipeg
Portage Memorials	Portage la Prairie
Saskatchewan:	
Moose Jaw Marble and Granite Works Ltd.	Moose Jaw
Yorkton Monumental Works Ltd.	Yorkton
Alberta:	
Alberta Granite Marble and Stone Company Limited	Edmonton
MacLean Granite Co.	Red Deer
British Columbia:	
B.C. Monumental Works Ltd.	Argyle St., Vancouver
Carrara Marble and Granite Ltd.	1750 Kent St., Vancouver
Chandler, W.R., Memorials and Western Granite Co. Ltd.	5498 Fraser St., Vancouver
Kingsway Monumental Works	3070 Kingsway, Vancouver
Mortimer's Monumental Works	633 David St., Victoria
Newall Monumental Works	5096 Fraser St., Vancouver
Stewart Monumental Works Ltd.	Victoria
Westaway Monumental Works	New Westminster

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 55 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

The results of the Census are presented in some 135 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covering the shipments of all manufactured commodities arranged in alphabetical order is also published.

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

Establishment

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

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

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

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

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

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

Head Offices and Auxiliary Units

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

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

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

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the firm, when all establishments are in the same industry (3 or 4 digit). When establishments of

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

Employees

(a) Production and related workers -- Manufacturing activities

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. For those establishments reporting on the "long" form, production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. In the case of those establishments reporting on the "short" form, respondents are requested to report average annual figures. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). Data on man-hours are not collected from establishments reporting on the short form. Man-hours for these establishments are estimated on the basis of ratios derived from the 1958 census. During this census all establishments reported on the long form. In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

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

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

(c) Administrative and office employees

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

(d) Sales and distribution workers

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

(e) Total Employees

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

Working Owners or Partners

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

Salaries and Wages

Salaries and wages refer to gross earnings of employees **before** deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages,

bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

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

Materials and Supplies

(a) Manufacturing activities

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

(b) Non-manufacturing activities

1. Purchases for re-sale as such

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

2. Other materials and supplies used

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

purchased machinery and equipment. Also included is the cost of office supplies not chargeable to fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

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

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

(b) Shipments of goods of own manufacture

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

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

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity

are collected by means of the Commodity questionnaire referred to earlier. Such shipments together with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

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

(d) Other revenue

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

Inventories

(a) Manufacturing activities

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

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

(b) Non-manufacturing activities

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

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of manufacturing materials, supplies, etc. and fuel and electricity consumed from the (value of shipments of goods of own manufacture adjusted for changes in the value of inventories of finished goods and goods in process).

(b) By non-manufacturing activities

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

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

(c) By Total activities

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

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