

CATALOGUE No.

44-205

ANNUAL



# CONCRETE PRODUCTS MANUFACTURERS

1963

## ANNUAL CENSUS OF MANUFACTURES

*Published by Authority of*  
The Minister of Trade and Commerce

**DOMINION BUREAU OF STATISTICS**  
Industry Division

March 1966  
6521-844

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 number	Title	Periodicity	Price	
			Per copy	Per year
44-202	Abrasives Manufacturers .....	A	.50	.50
44-203	Asbestos Products Manufacturers .....	A	.25	.25
44-204	Cement Manufacturers .....	A	.50	.50
44-205	Concrete Products Manufacturers .....	A	.50	.50
44-207	Glass and Glass Products Manufacturers .....	A	.50	.50
44-209	Lime Manufacturers .....	A	.25	.25
44-210	Other Non-metallic Mineral Products Industries .....	A	.50	.50
44-211	Ready-Mix Concrete Manufacturers .....	A	.50	.50
44-212	Mineral Wool Manufacturers .....	A	.50	.50
44-213	Stone Products Manufacturers .....	A	.50	.50
44-214	Refractories Manufacturers .....	A	.50	.50
44-215	Clay Products Manufacturers (from Domestic Clays) .....	A	.50	.50
44-216	Clay Products Manufacturers (from Imported Clays) .....	A	.50	.50
44-217	Gypsum Products Manufacturers .....	A	.50	.50
-----				
26-001	Asbestos .....	M	.10	\$1.00
26-007	Production of Canada's Leading Minerals .....	M	.10	1.00
26-009	Salt .....	M	.10	1.00
26-205	Asbestos Mining Industry .....	A	.50	.50
26-214	Salt Industry .....	A	.50	.50
26-217	Stone Quarrying Industry .....	A	.50	.50
26-221	Gypsum Mining Industry .....	A	.25	.25
31-001	Inventories, Shipments and Orders in Manufacturing Industries .....	M	.30	3.00
31-201	General Review of the Manufacturing Industries of Canada .....	A	\$2.00	2.00
44-001	Cement .....	M	.10	1.00
44-002	Concrete Products .....	M	.10	1.00
44-003	Gypsum Products .....	M	.10	1.00
44-004	Mineral Wool .....	M	.10	1.00
44-005	Products Made from Canadian Clays .....	M	.10	1.00
47-001	Asphalt and Vinyl-Asbestos Floor Tile .....	M	.10	1.00
65-004	Exports by Commodities .....	M	.75	7.50
65-007	Imports by Commodities .....	M	.75	7.50

A - Annual

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.

## CONCRETE PRODUCTS MANUFACTURERS

1963

Data presented in this report under the heading of Concrete Products Manufacturers reflect implementation of the revised Standard Industrial Classification and the New Establishment Concept which are being used by the Dominion Bureau of Statistics in its compilations of industry statistics – see “Standard Industrial Classification” and “Establishment” in the Explanatory Notes section of this report.

For statistical purposes the industry titled Concrete Products Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing concrete products such as building blocks, brick, sewer pipe, tanks, poles, septic tanks. Establishments primarily engaged in manufacturing sand-lime bricks and blocks are also included.

### 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.
- ⒫ preliminary figures.
- Ⓡ revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

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

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shlpments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000			\$'000	
1961													
<b>Totals</b> .....	<b>617</b>	<b>6,356</b>	<b>13,952</b>	<b>22,578</b>	<b>3,603</b>	<b>44,322</b>	<b>111,836</b>	<b>65,500</b>	<b>301</b>	<b>797</b>	<b>8,503</b>	<b>32,975</b>	<b>68,165</b>
1962													
Newfoundland .....	6	106	257	368	32	618	1,689	1,068	x	x	129	455	1,066
Prince Edward Island .....	4	21	42	43	8	85	203	105	x	x	26	64	122
Nova Scotia .....	17	67	147	206	28	545	1,112	513	7	15	86	278	536
New Brunswick .....	12	51	113	147	27	375	683	280	4	8	66	186	309
Quebec .....	203	1,908	4,281	6,606	864	13,219	31,529	17,430	141	377	2,310	8,513	17,690
Ontario .....	235	3,512	7,977	13,995	2,171	25,471	64,619	38,449	118	373	4,606	19,970	40,616
Manitoba .....	19	302	565	1,164	230	2,617	5,246	2,538	9	16	459	1,860	2,650
Saskatchewan .....	19	158	356	559	154	1,132	2,734	1,495	6	18	188	683	1,581
Alberta .....	53	733	1,649	2,935	268	6,324	15,980	9,580	16	37	947	3,964	9,598
British Columbia .....	47	281	566	1,224	163	2,658	5,997	3,102	27	49	337	1,500	3,257
Yukon and Northwest Territories	1												
<b>Totals</b> .....	<b>616</b>	<b>7,139</b>	<b>15,953</b>	<b>27,246</b>	<b>3,946</b>	<b>53,043</b>	<b>129,792</b>	<b>74,560</b>	<b>331</b>	<b>900</b>	<b>9,156</b>	<b>37,492</b>	<b>77,424</b>
1963													
Newfoundland .....	6	112	280	390	28	713	1,554	851	x	x	139	503	864
Prince Edward Island .....	4	12	24	32	6	53	152	88	x	x	16	46	88
Nova Scotia .....	15	46	101	144	23	463	965	476	7	15	62	201	501
New Brunswick .....	12	68	143	185	28	464	881	372	4	13	82	228	413
Quebec .....	192	2,027	4,441	7,094	890	14,238	32,721	18,243	108	313	2,465	9,085	18,414
Ontario .....	237	3,617	7,920	14,560	2,247	29,659	70,744	38,669	115	370	4,875	21,165	40,666
Manitoba .....	20	324	736	1,295	249	3,053	6,360	2,954	8	26	459	1,910	3,085
Saskatchewan .....	19	140	300	500	137	1,116	2,806	1,481	9	37	162	612	1,497
Alberta .....	44	465	1,026	1,989	210	4,993	11,292	6,335	7	21	675	3,125	6,439
British Columbia .....	51	315	643	1,431	164	2,914	6,371	3,272	24	58	382	1,771	3,591
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b> .....	<b>600</b>	<b>7,126</b>	<b>15,613</b>	<b>27,620</b>	<b>3,983</b>	<b>57,666</b>	<b>133,845</b>	<b>72,741</b>	<b>285</b>	<b>855</b>	<b>9,317</b>	<b>38,647</b>	<b>75,558</b>

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
<b>1962</b>													
Under \$10,000	102	57	80	93	19	208	556	314	104	159	66	106	361
\$ 10,000 to \$ 24,999	98	172	306	408	58	613	1,649	988	90	245	208	495	1,105
25,000 " 49,999	99	331	638	902	136	1,342	3,547	2,098	80	260	403	1,122	2,249
50,000 " 99,999	92	558	1,122	1,653	229	2,475	6,620	3,958	45	175	731	2,291	4,206
100,000 " 199,999	88	845	1,819	2,794	495	4,874	12,453	7,092	10	50	1,084	3,906	7,561
200,000 " 499,999	78	1,335	3,017	4,852	828	11,082	24,386	13,197	2	11	1,709	6,751	13,704
500,000 " 999,999	27	1,054	2,425	3,897	717	7,304	18,647	10,772	-	-	1,314	5,509	11,024
1,000,000 " 4,999,999	32	2,787	6,545	12,647	1,463	25,144	61,934	36,142	-	-	3,637	17,287	37,214
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	4	26	(2)
<b>Totals</b>	<b>616</b>	<b>7,139</b>	<b>15,953</b>	<b>27,246</b>	<b>3,946</b>	<b>53,043</b>	<b>129,792</b>	<b>74,560</b>	<b>331</b>	<b>900</b>	<b>9,156</b>	<b>37,492</b>	<b>77,424</b>
<b>1963</b>													
Under \$10,000	86	26	55	57	6	160	470	319	83	141	34	63	326
\$ 10,000 to \$ 24,999	98	144	286	371	31	612	1,651	1,004	86	231	171	437	1,087
25,000 " 49,999	87	280	570	808	102	1,105	3,098	1,955	64	237	350	1,030	2,099
50,000 " 99,999	100	527	1,097	1,630	249	2,715	7,095	4,185	33	164	690	2,246	4,454
100,000 " 199,999	91	792	1,699	2,734	456	5,170	12,901	7,294	17	78	1,045	3,896	7,665
200,000 " 499,999	79	1,421	3,121	5,307	859	11,020	25,238	13,492	2	4	1,836	7,385	14,129
500,000 " 999,999	25	889	1,975	3,656	517	7,820	16,518	8,302	-	-	1,096	4,761	8,431
1,000,000 " 4,999,999	34	3,045	6,811	13,057	1,763	29,064	66,875	36,190	-	-	4,088	18,781	37,371
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	7	48	(4)
<b>Totals</b>	<b>600</b>	<b>7,126</b>	<b>15,613</b>	<b>27,620</b>	<b>3,983</b>	<b>57,666</b>	<b>133,845</b>	<b>72,741</b>	<b>285</b>	<b>855</b>	<b>9,317</b>	<b>38,647</b>	<b>75,558</b>

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
<b>1962</b>													
Under \$10,000	157	132	207	262	50	511	1,326	724	152	277	161	320	816
\$ 10,000 to \$ 24,999	134	414	793	1,096	190	1,723	4,279	2,331	112	340	509	1,395	2,721
25,000 " 49,999	76	416	848	1,204	193	2,254	5,174	2,786	38	143	548	1,695	2,943
50,000 " 99,999	107	923	1,961	3,047	517	5,732	13,728	7,484	28	136	1,195	4,280	8,011
100,000 " 199,999	56	797	1,782	2,824	465	6,270	14,058	7,648	1	4	1,028	4,012	7,866
200,000 " 499,999	48	1,367	3,050	4,963	846	10,053	24,253	13,731	-	-	1,701	6,781	13,888
500,000 " 999,999	25	1,451	3,434	6,178	863	12,571	30,949	17,934	-	-	1,807	8,232	19,190
1,000,000 " 4,999,999	13	1,639	3,679	7,672	822	13,929	36,025	21,923	-	-	2,205	10,750	21,991
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	4	26	(2)
<b>Totals</b>	<b>616</b>	<b>7,139</b>	<b>15,953</b>	<b>27,246</b>	<b>3,946</b>	<b>53,043</b>	<b>129,792</b>	<b>74,560</b>	<b>331</b>	<b>900</b>	<b>9,156</b>	<b>37,492</b>	<b>77,424</b>
<b>1963</b>													
Under \$10,000	141	82	162	183	23	520	1,275	718	133	263	101	218	755
\$ 10,000 to \$ 24,999	115	297	600	852	111	1,352	3,436	1,969	88	300	372	1,068	2,158
25,000 " 49,999	94	490	1,014	1,457	229	2,728	6,352	3,433	39	156	622	1,963	3,679
50,000 " 99,999	107	905	1,922	3,025	456	5,848	14,184	7,652	20	122	1,159	4,178	8,160
100,000 " 199,999	65	902	2,000	3,497	620	8,349	18,047	9,256	5	14	1,211	5,027	9,538
200,000 " 499,999	45	1,419	3,116	5,631	867	10,775	25,080	13,736	-	-	1,779	7,576	14,109
500,000 " 999,999	18	1,005	2,393	4,600	696	10,993	23,615	12,104	-	-	1,350	6,436	13,062
1,000,000 " 4,999,999	15	2,026	4,406	8,376	981	17,101	41,856	23,874	-	-	2,716	12,133	24,101
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	7	48	(4)
<b>Totals</b>	<b>600</b>	<b>7,126</b>	<b>15,613</b>	<b>27,620</b>	<b>3,983</b>	<b>57,666</b>	<b>133,845</b>	<b>72,741</b>	<b>285</b>	<b>855</b>	<b>9,317</b>	<b>38,647</b>	<b>75,558</b>



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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				Total value added
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
<b>1962</b>													
Under \$10,000	146	109	162	200	40	444	1,161	647	143	252	135	252	673
\$ 10,000 to \$ 24,999	132	357	688	951	142	1,494	3,825	2,162	114	339	429	1,141	2,277
25,000 "	82	429	865	1,233	197	2,231	5,182	2,795	45	168	543	1,650	2,962
50,000 "	107	916	1,929	2,986	492	5,470	13,183	7,226	28	136	1,164	4,082	7,543
100,000 "	58	787	1,769	2,764	476	6,074	13,696	7,461	1	5	1,052	4,108	7,797
200,000 "	54	1,488	3,309	5,479	954	11,352	26,858	14,932	—	—	1,854	7,468	15,478
500,000 "	22	1,222	2,822	4,936	692	10,552	26,621	15,810	—	—	1,501	6,602	16,169
1,000,000 "	15	1,831	4,408	8,696	952	15,425	39,265	23,526	—	—	2,474	12,163	24,527
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	4	26	(2)
<b>Totals</b>	<b>616</b>	<b>7,139</b>	<b>15,953</b>	<b>27,246</b>	<b>3,946</b>	<b>53,043</b>	<b>129,792</b>	<b>74,560</b>	<b>231</b>	<b>900</b>	<b>9,156</b>	<b>37,492</b>	<b>77,424</b>
<b>1963</b>													
Under \$10,000	139	77	152	171	21	507	1,239	700	132	261	95	201	712
\$ 10,000 to \$ 24,999	108	268	546	766	95	1,247	3,163	1,819	82	279	330	934	1,862
25,000 "	91	430	886	1,270	191	2,133	5,413	3,133	46	179	546	1,702	3,293
50,000 "	110	918	1,945	2,992	454	5,813	13,897	7,414	20	122	1,167	4,097	7,834
100,000 "	72	949	2,087	3,662	644	8,860	19,074	9,683	5	14	1,263	5,198	10,087
200,000 "	46	1,428	3,143	5,669	893	10,683	24,773	13,530	—	—	1,618	7,783	14,094
500,000 "	17	841	1,993	3,792	577	9,525	21,200	11,307	—	—	1,107	5,183	11,394
1,000,000 "	17	2,215	4,863	9,298	1,109	18,899	45,086	25,156	—	—	2,984	13,500	26,285
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	7	48	(4)
<b>Totals</b>	<b>600</b>	<b>7,126</b>	<b>15,613</b>	<b>27,620</b>	<b>3,983</b>	<b>57,666</b>	<b>133,845</b>	<b>72,741</b>	<b>285</b>	<b>855</b>	<b>9,317</b>	<b>38,647</b>	<b>75,558</b>

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				Total value added
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
<b>1962</b>													
Under 5 employed	240	303	551	739	142	1,480	3,859	2,209	224	508	358	876	2,303
5- 14 employed	227	1,385	2,937	4,432	744	8,835	21,311	12,004	101	369	1,768	6,019	12,658
15- 49 "	110	2,161	4,766	7,771	1,331	16,789	40,313	22,671	6	23	2,735	10,815	23,626
50- 99 "	21	1,077	2,379	4,140	657	8,956	21,565	12,180	—	—	1,391	5,798	12,330
100-199 "	18	2,213	5,320	10,164	1,072	16,982	42,743	25,496	—	—	2,900	13,958	26,509
200-499 "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	4	26	(2)
<b>Totals</b>	<b>616</b>	<b>7,139</b>	<b>15,953</b>	<b>27,246</b>	<b>3,946</b>	<b>53,043</b>	<b>129,792</b>	<b>74,560</b>	<b>331</b>	<b>900</b>	<b>9,156</b>	<b>37,492</b>	<b>77,424</b>
<b>1963</b>													
Under 5 employed	229	252	507	709	109	1,531	4,055	2,431	200	504	308	865	2,484
5- 14 employed	227	1,349	2,870	4,530	726	8,952	21,980	12,343	79	333	1,757	6,332	13,129
15- 49 "	104	2,051	4,513	7,810	1,317	18,218	41,820	22,364	6	18	2,635	10,850	23,233
50- 99 "	25	1,227	2,719	5,168	804	10,248	23,748	13,101	—	—	1,606	7,183	13,088
100-199 "	8	901	2,015	3,729	381	7,345	16,917	9,348	—	—	1,166	5,039	10,243
200-499 "	7	1,346	2,989	5,673	646	11,373	25,324	13,156	—	—	1,838	8,329	13,386
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	7	48	(4)
<b>Totals</b>	<b>600</b>	<b>7,126</b>	<b>15,613</b>	<b>27,620</b>	<b>3,983</b>	<b>57,666</b>	<b>133,845</b>	<b>72,741</b>	<b>285</b>	<b>855</b>	<b>9,317</b>	<b>38,647</b>	<b>75,558</b>

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

Type of organization	Estab- lish- ments	Manufacturing activity							Total activity				Total value added
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			'000				'000		'000		
<b>1962</b>													
Individual ownerships .....	195	398	754	1,030	136	1,898	4,599	2,577	206	545	419	1,078	2,717
Partnerships .....	57	146	305	428	67	816	2,159	1,278	125	355	158	447	1,356
Incorporated companies .....	364	6,595	14,894	25,789	3,743	50,328	123,033	70,705	-	-	8,575	35,941	73,352
Cooperatives .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	4	26	(2)
<b>Totals .....</b>	<b>616</b>	<b>7,139</b>	<b>15,953</b>	<b>27,246</b>	<b>3,946</b>	<b>53,043</b>	<b>129,792</b>	<b>74,560</b>	<b>331</b>	<b>900</b>	<b>9,156</b>	<b>37,492</b>	<b>77,424</b>
<b>1963</b>													
Individual ownerships .....	177	332	676	914	130	1,791	4,611	2,704	175	543	380	1,018	2,775
Partnerships .....	53	119	245	371	64	854	2,139	1,246	110	312	135	421	1,278
Incorporated companies .....	370	6,675	14,693	26,334	3,789	55,022	127,095	68,791	-	-	8,795	37,160	71,510
Cooperatives .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	7	48	(4)
<b>Totals .....</b>	<b>600</b>	<b>7,126</b>	<b>15,613</b>	<b>27,620</b>	<b>3,983</b>	<b>57,666</b>	<b>133,845</b>	<b>72,741</b>	<b>285</b>	<b>855</b>	<b>9,317</b>	<b>38,647</b>	<b>75,558</b>

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

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
\$'000						
<b>Output</b>						
1. Shipments and other revenue .....	129,792	133,845	8,838	8,791	138,630	142,636
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	1,467	1,197	...	...	1,467	1,197
Finished goods .....	12,925	14,002	...	...	12,925	14,002
Less opening - Goods in process .....	721	1,319	...	...	721	1,319
Finished goods .....	11,914	13,334	...	...	11,914	13,334
2. Net inventory change .....	1,757	546	...	...	1,757	546
3. Gross output (1 + 2) .....	131,549	134,391	8,838	8,791	140,387	143,182
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	5,137	5,264	5,137	5,264
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	499	570	499	570
Less closing .....	...	...	483	547	483	547
5. Cost of goods sold (not of own manufacture) .....	...	...	5,153	5,287	5,153	5,287
6. Materials, supplies, components and semi-processed goods .....	53,043	57,666	821	687	53,864	58,353
7. Fuel and electricity .....	3,946	3,983	...	...	3,946	3,983
8. Gross input (5 + 6 + 7) .....	56,989	61,649	5,974	5,974	62,963	67,623
<b>Census value added (3 - 8) .....</b>	<b>74,560</b>	<b>72,741</b>	<b>2,864</b>	<b>2,817</b>	<b>77,424</b>	<b>75,558</b>



TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Adminis- trative and office	Sales and distribution	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
<b>1962</b>															
Newfoundland .....	106	-	-	-	16	4	3	-	125	4	368	-	77	10	455
Prince Edward Island .....	21	-	-	-	5	-	-	-	26	-	43	-	21	-	64
Nova Scotia .....	67	-	-	-	16	3	-	-	83	3	206	-	72	-	278
New Brunswick .....	51	-	-	-	14	1	-	-	65	1	147	-	38	-	186
Quebec .....	1,919	3	3	-	266	69	63	1	2,251	73	6,606	8	1,588	311	8,513
Ontario .....	3,463	35	74	-	596	184	239	3	4,372	222	13,995	408	4,167	1,399	19,970
Manitoba .....	302	-	-	-	77	18	61	1	440	19	1,164	-	397	299	1,860
Saskatchewan .....	158	-	-	-	24	5	1	-	183	5	559	-	118	6	683
Alberta .....	731	2	2	-	164	29	18	1	915	32	2,935	6	957	87	3,984
British Columbia .....															
Yukon and Northwest Territories .....	280	1	-	-	48	8	-	-	328	9	1,224	-	277	-	1,500
<b>Totals</b> .....	<b>7,098</b>	<b>41</b>	<b>79</b>	<b>-</b>	<b>1,226</b>	<b>321</b>	<b>385</b>	<b>6</b>	<b>8,788</b>	<b>368</b>	<b>27,246</b>	<b>422</b>	<b>7,712</b>	<b>2,112</b>	<b>37,492</b>
<b>1963</b>															
Newfoundland .....	112	-	-	-	21	3	3	-	136	3	390	-	103	10	503
Prince Edward Island .....	12	-	-	-	4	-	-	-	16	-	32	-	14	-	46
Nova Scotia .....	46	-	-	-	14	2	-	-	60	2	144	-	57	-	201
New Brunswick .....	68	-	-	-	11	1	1	1	80	2	185	-	40	3	228
Quebec .....	2,022	5	16	-	286	71	60	4	2,384	81	7,094	97	1,569	325	9,085
Ontario .....	3,581	36	85	-	555	187	413	18	4,634	241	14,560	313	4,181	2,111	21,165
Manitoba .....	324	-	-	-	52	18	63	2	439	20	1,295	-	286	330	1,910
Saskatchewan .....	139	1	-	-	17	4	1	-	157	5	500	-	106	8	612
Alberta .....	464	1	1	-	158	21	30	-	653	22	1,989	8	976	153	3,125
British Columbia .....	315	-	-	-	59	7	1	-	375	7	1,431	-	338	3	1,771
Yukon and Northwest Territories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b> .....	<b>7,083</b>	<b>43</b>	<b>102</b>	<b>-</b>	<b>1,177</b>	<b>315</b>	<b>572</b>	<b>25</b>	<b>8,934</b>	<b>383</b>	<b>27,620</b>	<b>418</b>	<b>7,668</b>	<b>2,941</b>	<b>38,647</b>

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

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January .....	4,444	25	4,502	32
February .....	4,562	26	4,386	32
March .....	5,011	27	4,779	33
April .....	5,630	32	5,362	31
May .....	6,335	36	5,841	31
June .....	6,776	43	6,176	31
July .....	7,010	36	6,307	29
August .....	7,073	37	6,357	36
September .....	6,610	40	6,209	40
October .....	6,483	48	6,153	69
November .....	6,076	48	5,890	67
December .....	5,507	44	5,157	52
Average for establishments reporting monthly detail (collected only for large establishments) ..	5,979	37	6,077	42
Average for small establishments (only annual averages collected) .....	1,119	4	1,006	1
Average for all establishments .....	7,098	41	7,083	43

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	32	38	41	111	-	111
Prince Edward Island .....	-	-	22	22	-	22
Nova Scotia .....	19	15	137	171	12	183
New Brunswick .....	19	3	135	158	18	176
Quebec .....	1,193	93	3,051	4,337	14	4,351
Ontario .....	2,086	1,022	6,725	9,834	442	10,276
Manitoba .....	869	30	539	1,438	8	1,446
Saskatchewan .....	44	-	400	444	9	453
Alberta .....	399	58	1,417	1,874	67	1,941
British Columbia .....	118	61	867	1,046	-	1,046
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals .....</b>	<b>4,780</b>	<b>1,319</b>	<b>13,334</b>	<b>19,433</b>	<b>570</b>	<b>20,003</b>
Closing:						
Newfoundland .....	51	60	57	168	-	168
Prince Edward Island .....	-	-	17	17	-	17
Nova Scotia .....	14	-	148	162	8	170
New Brunswick .....	35	-	122	157	6	163
Quebec .....	1,261	216	3,578	5,055	14	5,068
Ontario .....	2,002	690	6,888	9,580	400	9,979
Manitoba .....	786	65	401	1,251	33	1,284
Saskatchewan .....	53	-	330	384	9	393
Alberta .....	382	46	1,674	2,103	78	2,180
British Columbia .....	112	120	786	1,019	-	1,019
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals .....</b>	<b>4,696</b>	<b>1,197</b>	<b>14,002</b>	<b>19,895</b>	<b>547</b>	<b>20,441</b>

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

Description	1962		1963		
	Quantity	Cost \$'000	Quantity	Cost \$'000	
1. Large establishments which reported commodity detail:					
Bituminous coal:					
(a) From Canadian mines .....	ton	7,651	105	7,339	61
(b) Imported .....	"	8,657	115	10,262	140
Sub-bituminous coal (from Alberta mines only) .....	"	109	1	3	--
Anthracite coal .....	"	2,441	33	2,321	35
Lignite coal .....	"	-	-	-	-
Coke .....	"	-	-	123	2
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	2,996,067	1,133	3,507,018	1,253
Fuel oil including kerosene or coal oil .....	"	7,268,694	988	7,907,877	959
Wood .....	cord	86	1	83	1
Gas:					
(a) Liquefied petroleum gases .....	Imp. gal.	93,093	25	198,017	62
(b) Other manufactured gas .....	M cu.ft.	-	-	-	-
(c) Natural gas .....	"	556,223	292	603,746	279
Other fuel .....	...	...	1	...	4
Electricity purchased .....	kwh.	36,176,033	726	36,275,104	713
Steam purchased .....	...	...	114	...	126
2. Estimate for small establishments:					
Fuel and electricity .....	...	...	409	...	348
3. All establishments:					
<b>Total fuel and electricity used .....</b>	...	...	<b>3,946</b>	...	<b>3,983</b>

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

Description	1962		1963	
	Quantity	Cost \$'000	Quantity	Cost \$'000
<b>1. Materials used:</b>				
Portland cement ..... bag	16,680,614	14,858	17,222,203	16,034
Quicklime ..... ton	26,834	251	22,730	275
Sand and gravel ..... cu. yd.	3,580,555	6,496	4,583,724	7,982
Crushed stone ..... ton	616,219	1,432	800,338	1,601
Cinders ..... cu. yd.	115,114	277	92,825	306
Reinforcing steel (wire, bar, mesh, etc.) ..... ton	47,830	9,260	52,101	9,388
Slag ..... cu. yd.	587,184	2,016	384,826	1,351
All other materials and components used <sup>1</sup> .....	...	12,500	...	13,474
<b>2. Containers and other packaging materials and supplies used .....</b>	...	256	...	297
<b>3. Operating, maintenance and repair supplies used (excluding fuel) .....</b>	...	5,144	...	6,383
<b>4. Amount paid out to others for work done on materials owned by establishments .....</b>	...	552	...	575
<b>Totals .....</b>	...	<b>53,043</b>	...	<b>57,666</b>

<sup>1</sup> No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$5,260,768 in 1962 and \$5,418,537 in 1963.

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

Description	1962		1963	
	Quantity	Value \$'000	Quantity	Value \$'000
<b>1. Products:</b>				
Concrete bricks ..... M	186,819	4,956	116,940	4,073
Concrete blocks:				
Cinder ..... "	12,927	2,597	5,422	1,271
Gravel ..... "	141,857	30,338	154,339	32,947
Other aggregates (expanded shale, expanded slag, etc.) .....	38,115	10,029	36,303	10,028
Concrete chimney blocks ..... "	824	511	680	477
Concrete burial vaults ..... No.	12,231	623	16,023	633
Concrete pipe (sewer, water, drain) and culvert tile .....	..	27,501	..	27,479
Artificial stone .....	..	9,825	..	8,668
Concrete laundry tubs ..... No.	53,915	594	49,624	572
Ready-mixed concrete ..... cu. yd.	495,803	6,138	728,582	9,098
Sand-lime products:				
Sand-lime brick ..... M	59,299	1,787	25,818	1,928
Sand-lime blocks ..... No.	420,000	105	-	-
All other products .....	...	36,473	...	37,937
<b>2. Amount received in payment for work done on materials and products owned by others .....</b>	...	537	...	409
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(2,228)	...	(1,668)
Net adjustment for establishments receiving progress payments .....	...	6	...	(6)
<b>Totals, adjusted value of shipments and work done .....</b>	...	<b>129,792</b>	...	<b>133,845</b>

Note: Data given in the above table are for the industry Concrete Products Manufacturers, which includes only the firms making these products as a major line. Items shown above were also made by firms classified to the industry, Ready-Mix Concrete Manufacturers. For total figures for selected items, see Tables 8 A and B.





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
<b>Newfoundland:</b>	
Dalley's Concrete Products Ltd.	Stephensville
Dawe's Dunbrick Products Ltd.	St. John's
Dean, Harold	Church Rd., Botwood
Lundrigan's Concrete Ltd.	Riverside Dr., Corner Brook
Masonry Supplies Ltd.	Kenmount Rd., St. John's
Wiseman, C.	Shoal Harbour
<b>Prince Edward Island:</b>	
Arnold Brick Ltd.	Lower Prince St., Charlottetown
Island Brickcrete Products Ltd., The	149 North River Rd., Charlottetown
MacLean Cement Blocks	Montague
P.E.I. Concrete Products Ltd.	Pope Rd., Summerside
<b>Nova Scotia:</b>	
Bower, John C.	Lower Ohio
Chute, L.M. and D.L., Ltd.	Berwick
Everett, Clyde Ltd.	R.R. No 3, Bridgetown
Freeman's Concrete Products	Main St., New Germany
Kentville Concrete Products Ltd.	205 Brooklyn St., Kentville
Mansfield Falt	10 Main St., Antigonish
Oakes Precast Concrete Co.	Waverley
Preeper's Precast Concrete Products	Lake Echo
Purney, Trefry	Arcadia
Ritchie's Ornamental Concrete	Bedford
Scotia Concrete Products Ltd.	Wellington
Shaw, L.E., Ltd.	Dartmouth
Shaw, L.E., Ltd.	Prince St., Sydney
Superior Concrete Products Ltd.	Vulcan Ave., Sydney
Walker, F.C., Ltd.	Aylesford
<b>New Brunswick:</b>	
Atlantic Concrete Products Ltd.	195 Main St., Bathurst
Belliveau, Camille	Shediac
Concrete Products Ltd.	R.R. No 8, Moncton
Dundee Cement Products Ltd.	Dundee
Landry, Jean Paul	Ste-Anne-du-Bocage
McLaughlin Concrete Products Ltd.	Tracadie
Melanson, L., Concrete Products Co. Ltd.	St. Anseime
Ocean Steel and Construction Ltd. (Precast Div.)	406 Chesley St., Saint John
Pelletier, Alphonse, Esq.	St-Basile
Pelletier's Concrete Products Ltd.	R.R. No 3, Edmundston
Shaw, L.E., Ltd.	Rothesay Ave., Saint John
Trappist Fathers of Rogersville	North Rogersville
<b>Quebec:</b>	
Ace Artificial Stone Co. Ltd.	7470-18th Ave., St-Michel
All Con Precast Products Ltd.	50 Laflamme St., St-Jérôme
Arco Stone Co. Ltd.	2565 Bélanger St., Montréal
Arti-Rock	10171 Hébert St., Montreal-Nord
Artistic Stone Enrg.	Sept-Îles
Audet, Gérard	Notre-Dame-du-Bon-Conseil
Beaudry, H., Bloc de Ciment Co. Ltée	3631 De La Concorde St., St-Vincent-de-Paul
Beaulieu, J. Armour	125 Chartrand St., Terrebonne
Belgo Stone	5325 Papineau St., Montréal
Bergeron, Emile	St-Ambroise
Besner et Frère	Vaudréuil
Betonite Inc.	700 Lajeunesse Blvd., St-Jérôme
Béton Moderne Ltée	7825 Brouillette St., St-Hyacinthe
Béton Provincial Ltée	Matane
Béton Richelieu Inc.	337 Choquette Blvd., Beioell
Béton Vibré Ltée	1200 Récollets Blvd., Trois-Rivières
Bisson Construction Inc.	Chandler
Blocs de Ciment Audet Enrg.	Rivière-Malbaie
Blocs de Ciment Enrg.	167 Dubé St., Laurierville
Blocs de Ciment Montmagny Enr'g.	Montmagny
Boisclair et Frère	Piedmont
Bolduc, Aimé et, Fils Inc.	Ste-Marie
Boudreault, Jean Claude	La Tuque
Bourgon et Bourgon	St-Polycarpe
Boyer, Hervé	Piedmont
Brique Orléans Inc.	1105 Monfils St., Québec
Brouillette, L.A.	St-Narcisse
Brucy Stone Enr'g.	Tie-Perrot
Brunet, R., Concrete Ltd.	330 Langlois Blvd., Valleyfield
Cal-Sil Products Ltd.	2920 Marie-Victorin Blvd., Jacques-Cartier
Canada Iron Foundries Ltd. (Pipe Divn.)	6905 Clanranald Ave., Montréal
Cap Diamant Stone Enr'g.	Anjou
Cap Stone	1525 Des Laurentides Blvd., Chomedey
Casabon, P.L. Inc.	Ste-Elizabeth
Castonguay, L., Enr.	St-Édouard
Chicoine et Frères	229 Principale St., St-Dominique
Ciment P.L.L. Inc.	St-Grégoire
Ciment Michaud et Bédard Ltée	Malaric
Cimenterie Sept-Îles Ltée	Sept-Îles
Ciment Vibré Maniwaki	63 De La Montagne St., Maniwaki



List of Establishments classified to This Industry, 1963 - Continued

Name	Location
<b>Quebec - Continued:</b>	
Cloutier, Roland	2785 St-Jean St., Shawinigan
Collinsville Artificial Stone	980 Panneton St., Sherbrooke
Compagnie Miron Ltée (Produits en Béton)	2201 Jarry St. E., St-Michel
Concrete Laundry Tub Ltée	105 Union St., St-Pierre
Côté, Mme. Emilio	990 Goupil St., Drummondville-Sud
Côte, Valéri, Inc.	90 Dorchester St. S., Québec
Coupal, Gérard	Bréboeuf
Couture, Joseph	St-Henri
Creaghan and Archibald Ltd.	13838 Notre-Dame St. E., Pointe-aux-Trembles
D'Aoust, Jean	Ile-Perrot
Delco Stone Ltée	40 Greber Blvd., Pointe-Gatineau
Désormeaux, R. et R., Enr'g.	Lesage
Dilco Concrete Products Ltd.	8820 Hochelaga St., Montréal
Domaine d'Art et de Sculpture Inc.	1424 Pie IX Blvd., Montréal
Dominique Calabrese et Fils Ltée	Terrebonne
Domtar Construction Materials Ltd. (Gypsum Divn.)	1595 St-Grégoire St., Montréal
Domtar Construction Materials Ltd. (Siporex Divn.)	Delson
Dorion Brique Inc.	Dorion
Doyon et Fils Enrg.	Beauceville West
Dunbrick Limitée	596 Price St., Chicoutimi
Dunbrik (Montreal) Co.	7989-17th Ave., St-Michel
Enterprises Kelvo	Hauterive
Fiset, J.L., Enr'g.	Trois-Pistoles
Flinkote Co. of Canada Ltd. (Van Packer Divn., The)	365 Broadway St., Montréal
Gaudreault, Mathilda	Mistassini
Gauthier, Wilfrid	Hemingford
Gendron, P.A., Inc.	165 Laurier Blvd., Ste-Rosalie
Genest, Emile, Esq.	St-Basile
Geoffrion, Aimé, Enrg.	Ste-Julienne
Giacomo Stone and Co.	2222 Charland St., Montréal
Gosselin et Fils Ltée	70 Smith Blvd. N., Thetford Mines
Granby Artificial Stones Inc.	St-Paul Rd., Granby
Grant Concrete Products Inc.	Douglstown
Gratton, Maxima	Val Quesnel
Grenon Frères Ltée	Bagotville
Hochelaga Pre-cast Structures Ltd.	St-Lazare
Hy-Grade Concrete Blocks Reg'd.	10 Monk St., Longueuil
Iberville Mfg. Enr.	231 Missisquoi St., Iberville
Industrie Notre-Dame	8445 Notre-Dame St. E., Montréal
Jean et Frères Enrg.	6132-18th Ave., Shawinigan
Jetté, C.H. Inc.	380 Industrie Blvd., Joliette
Jiona, A.T. Inc.	New Carlisle
Johnson, A., Co. (Canada) Ltd.	1150 Marie Victorin Blvd., Jacques-Cartier
Joliette Brique Ltd.	147 Coulombe Ave., Joliette
Jutras, Conrad	Notre-Dame-du-Bon-Conseil
Jutras et Frère Ltée	R.R. N° 4, Granby
Labelle, Léo	Perme-Neuve
La Brique du Nord Ltée	1074 Larivière St., Rouyn
La Cie des Produits Ciment de St-Jérôme Ltée	Parent Ave., St-Jérôme
Lambert, Géo, Inc.	1000 Normand Blvd., Trois-Rivières
Langlois et Frères Enr'g.	South Stukley
La Pierre Artificielle de l'Abitibi Enr'g.	Taschereau
Lapointe et Fils Enr'g.	Forestville
Lavoie Concrete Block Reg'd.	Sept-Îles
Leblanc et Frénette Enr.	9635-28th Ave., Rivière-des-Prairies
Le Bloc Vibré Inc.	1080 Panneton St., Sherbrooke
Le Ciment Barraute Ltée	Barraute
Leclerc, Raymond	Pont-Rouge
Légaré, Victorin	Dupuy
Lemaire, C.E.	2195 Mercure Blvd., Drummondville-Sud
Les Blocs Laurentiens	Lafontaine
Les Carrières de St-Armand Ltée	St-Armand
Les Entreprises Neurohr Enr.	Hauterive
Les Industries Boisvert Ltée	St-Léonard
Les Industries de Ciment Enr'g.	La Guadeloupe
Les Industries de Tuyaux de Québec Enrg.	1702 St-Vallier St. W., Duberger
Les Industries Fortier Ltée	140 Commerciale St., St-Henri
Les Produits de Béton Beaudry Ltée	Duvernay
Les Produits de Béton Inc.	Pointe-au-Père
Les Produits Ciment de l'Annonciation	L'Annonciation
Les Produits de Ciment de Barnston Enr'g.	Barnston
Les Produits de Ciment de Sherbrooke Ltée	1376 Bourlase St., Sherbrooke
Les Produits de Ciment de St-Laurent	520 Côte-Vertu Rd., St-Laurent
Les Produits de Ciment de Windsor Enr'g.	Windsor
Les Produits de Ciment du Lac St-Jean Ltée	Métabetchouan
Les Produits de Ciment du Saguenay Ltée	Talbot Blvd., Chicoutimi
Les Produits de Ciment St-Félicien Ltd.	St-Félicien
Les Produits de Ciment St-Maurice Ltée	1030 Viger St., Trois-Rivières
Les Spécialités de Tuyaux de Montmagny Enr.	Montmagny
Les Tuyaux de Béton Mauricien Inc.	Prouxville
Les Tuyaux de Ciment de l'Islet Enrg.	L'Islet
Les Tuyaux Vibrés de Portneuf Enr.	St-Casimir
Les Tuyaux Vibrés Inc.	75 Dorchester St. S., Québec
Letendre Fernand Inc.	103 St-Denis St., Drummondville
Lord, Jean-Paul	1493-66th St., Shawinigan
Martin et Fils Inc.	7190 Chambly Rd., St-Hubert
Martineau, Maurice	Dosquet
Mélançon et Fils Inc.	500 Des Hêtres St., Grand'Mère
Monarch Stone	2205 Charland St., Montréal
Montreal Art Stone	St-Vincent-de-Paul
Montreal Concrete Works	9821 Lauzanne St., St-Michel
Morin, M. Adélar	St-Fabien

List of Establishments classified to this Industry, 1963 - Continued

Name	Location
<b>Quebec - Concluded:</b>	
Mosaïque Inc.	103 De La Vérendrye St., Québec
Muro Stone Ltd.	10100 Hotel-de-Ville St., Montréal-Nord
National Cut and Precast Stone (Québec) Ltd.	10459 Bellevois St., Montréal-Nord
New Stone Co.	789 Préfontaine St., Montréal-Sud
Ornamental Marble Terrazo Works Ltd.	7153 Waverly St., Montréal
Page, J.M., et Frère Inc.	Charlesbourg-Ouest
Pelchat, F.X. et Fils Inc.	Acion Vale
Pelletier et Fils	St-Pacôme
Permaçon Inc.	117 Principale St., Châteauguay
Perma-Crete Building Products	South Bolton
Perron, Gérard	18 St-Edouard St., Bale-St-Paul
Petit, L.P.	Granby
Pétrin, et Frère Inc.	305 Gouln Blvd., Saint-Jean
Pierre Artificielle Drummond Enrg.	106 - 9th Ave., Drummondville
Pierrefonds Stone	Pierrefonds
Pierre Ornementale Enrg.	269 Caron Blvd., Drummondville
Pierres Artificielles d'Abitibi Enrg.	Taschereau
Porete Co. (Canada) Ltd.	9500 St. Lawrence Blvd., Montréal
Portier Frères Ltée	8645 Casgrain St., Montréal
Prefac Concrete Co. Ltd.	10520 Drapeau St., Montréal-Nord
Produits Ciment St-Eustache Enr.	34 Sauvé Blvd., St-Eustache
Produits de Ciment Couillard Ltée	340 Merrill St., Coaticook
Produits de Ciment Economiques Ltée	975 Pacific St., Lachine
Produits de Ciment Leclerc Ltée	St-Félicien
Proulx, Roméo, Esq.	St-Polycarpe
Rainville, M. Albert	91 Papineau St., Joliette
Rawdon Cement Works Co.	Rawdon
Robitaille, Alfred	Shawinigan-Sud
Robitaille, Edouard, Inc.	675 - 122nd St., Shawinigan-Sud
Rodrique, Ernest	Lac-Mégantic
Rondeau, Fernand	Chibougamau
Roy, Louis	Victoriaville
Sarazin, Lucien, Enr.	1203 Thibeau St., Cap-de-la-Madeleine
Sayabec Ciment Enr.	Sayabec
Security Chimneys Inc.	2205 Chariand St., Montréal
Shawnee Precast (Montréal) Ltd.	St-Léonard
Silicacement Inc.	Les Saules
Soucy et Lécuyer Ltée	St-Rémi
Soulières, David	Crabtree Mills
Spancrete Limited	2914 Marie-Victorin Blvd., Jacques-Cartier
St-Germain, J.A., Inc.	2737 Mackay St., Lafleche
St-Louis, J.R., Esq.	Ste-Ursule
St-Pierre, J.B., et Fils Inc.	159 Rouleau St., Rimouski
Taschereau, Denis	Plessisville
Theberge, Paul	St-Fabien
Tremblay, et Frère Enr.	Iberville
Trottier, Jude	Victoriaville
Trudel, Alban	St-Séverin-de-Proulxville
Turcotte, J.M.	Trois-Pistoles
Tuyauterie Beautrivage Enr.	Beautrivage
Tuyaux Bellechasse Enr.	St-Raphael
Tuyaux Béton Dollard des Ormeaux Enr.	Dollard-Des-Ormeaux
Tuyaux Ciment Sherbrooke Inc.	Brompton Rd., Sherbrooke
Vaillancourt, W., Ltée	Danville
Valois Stone	3830 Ontario St., Montréal
Variety Stone Enrg.	Longueuil
Vibrapide Concrete Products	1385 Laurentides Blvd., Vimont
Victor Tanner Concrete Block and Tile	Shawville
Whissel, Mrs. J.F.	Lachute
Windsor Artificial Stone Reg'd.	Windsor Mills
<b>Ontario:</b>	
Anderson Block and Tile Ltd.	808 Fort William Rd., Port Arthur
Angelstone Ltd.	Preston
Aristocrat Manufacturing Co. Ltd., The	77 Pelham Ave., Toronto
Artex Concrete Ltd.	Richvale
Atlas Block Co. Ltd.	Islington
Babcock Supply Co.	Wallaceburg
Babiuk Maurice Ltd.	Woodbridge
Bancroft Concrete Products Ltd.	Bancroft
Barber Building Blocks Ltd.	167 Inkerman St., Guelph
Barnett D., and Co.	298 Lawrence Ave., Kitchener
Barratt Spun Concrete Pole Ltd.	536 Montrose Rd., Niagara Falls
Barton Stone Co. Ltd.	29 Connie St., Toronto
B and B Stone Ltd.	859 Fort William Rd., Port Arthur
Beamsville Block Ltd.	Beamsville
Beer Precast Concrete Ltd.	110 Munville Rd., Scarborough
Belleville Brick Co. Ltd.	Cannitton Rd., Belleville
Belton Lumber Co. Ltd.	166 Devine St., Sarnia
Berg and Dam Concrete Products	Point Edward
Bestpipe Ltd.	245 Strassburg Rd., Kitchener
Bethel, A., and Son Ltd.	1600 Lapérière Ave., Ottawa
Bishop, H., and Sons	7 Woodworth Ave., St. Thomas
Boyd Bros.	Osgoode
Brampton Pre-Cast Concrete	82 Railroad St., Brampton
Brans Concrete Blocks	24 Savoy Ave., Toronto
Brantford Brick Ltd.	40 Charlton Ave., Brantford
Brantford Builders Supplies Ltd.	Brantford
Brickcrete and Masonry Products	St. Joachims
Brooklin Concrete Products Ltd.	Brooklin
Brooklin Concrete Products Ltd.	Newmarket

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
<b>Ontario - Continued:</b>	
Brown's Concrete Products Ltd.	750 Long Lake Rd., Sudbury
Brunskill, William, Well Tile	16 Tait St., Huntsville
Burgess Builders Supply Ltd.	827-3rd St., Lakeview
Burlington Builders Supply Ltd.	1167 Petit Rd., Burlington
Canada Building Materials (London) Ltd.	1201 Brydges St., London
Canada Iron Foundries (Pipe Division)	60 Vulcan St., Rexdale
Canada Silo Company, Ltd.	Ingersoll
Canadian Marietta of Ontario Ltd.	Chatham
Canadian Marietta of Ontario Ltd.	Scarborough
Canadian Marietta of Ontario Ltd.	St. Catharines
Cannington Cement Block Co.	Cannington
Canton, H., and Son	Wyoming
Capital Concrete Products Ltd.	Iroquois
Caswell Concrete Products	Hwy. 17 N. Sault Ste. Marie
Central Precast Products Ltd.	Commercial Ave., Ottawa
Century Concrete Products Ltd.	Halsey Ave., Toronto
Checko, K. Cement Blocks	292 Dean St., Oshawa
Churchill Bros.	Keswick
Coldstream Concrete Products	Iderton
Concrete Pipe Ltd.	Huron & Clarke Side Rd., London
Concrete Pipe Ltd.	940 Caledonia Rd., Toronto
Concrete Products	460-7th St. W., Cornwall
Con-Lite Products	953 Brant St., Burlington
Consteel Concrete Steps Ltd.	1260 Dupont St., Toronto
Cooke, J., Concrete Blocks	Burlington
Cooper Block Ltd.	920 Caledonia Rd., Toronto
Cope, A., and Sons Ltd.	Bartonville
Cursio, M., and Son	4173 Dundas St. W., Toronto
Day and Campbell Ltd.	1074 Upper Wellington St., Hamilton
Dellow, S.H., Ltd.	3054 Mavis Rd., Cooksville
Del Zotto Brothers Ltd.	Metcalfe Rd., Ottawa
Dionne Concrete Products Ltd.	Earlton
Dol-Mar Cement Products	1063 Islington Ave. N., Weston
Domtar Construction Materials Ltd. (Gypsum)	306 Bayview Ave., Toronto
Domtar Construction Materials Ltd. (Siporex)	Scarborough
Doughty Concrete Products Ltd.	Chemong Rd., Peterborough
Durisol Materials Ltd.	Mitchell
D.W.S. Concrete Products Ltd.	109 Niagara St., Toronto
Eagle Stone Co.	Markham
Elgin Block and Cement Products Ltd.	1253 Talbot St. E., St. Thomas
Emcrete Cement Products	227 Huron St., Clinton
Erie Concrete Products Ltd.	R.R. No. 9, London
Erin Tile Works	Erin
Feldco Concrete Pipe Ltd.	401 Monarch Ave., Apsal
Fenelon Concrete Products	Fenelon Falls
Fleming Block and Supply Ltd.	4100 Cawthra Rd., Cooksville
Fonthill Concrete Products	Fonthill
Forgie, J.L., and Sons	200 Hincks Ave. E., Renfrew
Frankford Concrete Pipe	Frankford
Frazier Duntile Co. Ltd.	Clyde Ave., Ottawa
Gadshill Concrete	Gadshill
General Concrete Ltd.	Stoney Creek
G. and L. Masonry Products Ltd.	Point Edward
Grover Cast Stone	Gormley
Gurr Block Manufacturing	421 Livingstone St., West Hill
Gus Marker Block and Tile Ltd.	725 Division St., Kingston
Haberer and Westlake	Zurich
Hafner, A., Cement Products	400 Mill St., Kitchener
Hagersville Concrete Tile Manufacturer	75 Main St., Hagersville
Halcovitch Bros. Ltd.	697 Parkdale Ave. N., Hamilton
Hallman Silo Co.	R.R. No. 3, Kitchener
Hambly Concrete Products Ltd.	Whitby
Hamilton Pre-Cast Stone Co.	2415 Barton St. E., Hamilton
Han-Stone	946-7th Ave., Hanover
Harbour Brick Co. Ltd.	499 Lakeshore Blvd. W., Toronto
Hayley, Harry, and Sons Ltd.	Hurdman Rd., Ottawa
Henderson Concrete Products Ltd.	1089 Neilson St., Oshawa
Hill, Harold H., Esq.	Dougall & Eugénie Rds., Windsor
Hince Concrete Products Ltd.	22 Spring St., Picton
H. and K. Concrete Specialties Ltd.	135 Tollgate Rd., Brantford
Hoffman Concrete Products Ltd.	Pembroke
Huron Building Products Ltd.	103 Dufferin St., Orillia
Hutchins, C., and Son	10 Foundry St., Leamington
Hy-Grade Concrete Co.	290 Glendale Ave., St. Catharines
Ideal Cement Block Co. Ltd.	Hearst
Industrial Cast Stone	Thornhill
International Block Co.	Fort Frances
Jason Manufacturing Co. Ltd.	Beamsville
Kap Cement Works Ltd.	Kapuskasung
Ken-Krete Ltd.	Kenora
Killaloe Concrete Reg'd.	Killaloe
Kingston Dunbrik Co. Ltd.	Glenburmie
Kitchener Concrete Block Co.	11 Filsinger Rd., Kitchener
Kitchener Silo Co. Ltd.	Kitchener
Laird's Concrete Products	Dorchester
Lakefield Concrete Tile	Lakefield
Lakeshore Block Co. Ltd.	Lakeview
Lakeview Cement Products Ltd.	1115 Prophet Rd., Sault Ste. Marie
Lars Concrete Products Co.	160 Toronto Rd., Weston
Laurentian Dunbrik Ltd.	1215 Ramsey Lake Rd., Sudbury
Leaside Block and Tile Ltd.	8 Industrial St., Toronto
Leblond, Fred, Window Sills	1337 St-Laurent Blvd., Ottawa



List of Establishments classified to This Industry, 1963 - Continued

Name	Location
<b>Ontario - Continued:</b>	
Leiden's Superior Concrete Burial Vault Works	Fenwick
Lifetime Stone	2709 Montrose, Niagara Falls
Lloyd's Cement Blocks	Cannington
London Pre-Cast Products Ltd.	103 Falcon St., London
Lucas Concrete Products Ltd.	R.R. No. 8, London
Lucier Drainage Supplies Ltd.	McGregor
MacDowell Cement Products Ltd.	Brockville
Macoun Silos Ltd.	Campbellford
MacVicar, Russell, Limited	9 Ivan St., Leamington
Maple Leaf Cement Works Ltd.	21 A. Denison Rd. E., Weston
Maple Precast Concrete	Maple
Markham Concrete Precast Products	Markham
Mar-Vel Tile	Clarkson
Master Brick Ltd.	175 Cedar Ave., Richmond Hill
McGinnis Building Block Co. Ltd.	1771 Eagle St., Preston
McKay Concrete Block	Mill St., Kitchener
Meteor Building Supplies Ltd.	1241 Kennedy Rd., Scarborough
Mike's Well Tile	223 Dublin St., Port Arthur
Minghella, A., Ltd. - York Block and Tile York Building Supply	9385 Yonge St., Richvale
Modern Stone Co.	North Queen St. E., Toronto
Moose Creek Cement Products	Moose Creek
Muskoka Concrete and Block	Utterson
National Concrete Products Ltd.	79 Burlington Rd., Mimico
National Masonry Co. Ltd.	Rexdale
Newcastle Cement Block Co.	Newcastle
Newtonbrook Block and Supply Co. Ltd.	Willowdale
Niagara Block and Sand Co.	1636 Ferry St., Niagara Falls
Niagara Drain Tile	Ridgeway
Nickel Belt Cement Products Ltd.	134 Douglas St. W., Sudbury
Normandin, G.L.	Lombardy
North Bay Const. Products Ltd.	Widdifield
Northern Block and Building Supply Co.	Parry Sound
Oaks, J.D., and Son Ltd.	351 Elizabeth St., Guelph
Ontario Block and Tile Ltd.	Sunderland
Ontario Building Materials Ltd.	5 Grand Ave., Toronto
Ontario-Strees-Crete Ltd.	940 Walker's Line, Burlington
Oriole Block Ltd.	Glen Williams
Ormsby Concrete Products Limited	Meaford
Ornamental Concrete Industries	795 Kent St., Niagara Falls
Oxford Silo and Concrete Products	Ingersoll
Paris Dunbrik Co. Ltd.	Paris
Parnell, L.O.	Timmins
Patterson Concrete Products Ltd.	181 Hillendale Ave., Kingston
Peel Block Co. Ltd.	10 Side Rd., Brampton
Perfect Stone Co. Ltd.	Malton
Pinchin, R., Esq.	Clarkson
Pink, C.J., and Son Ltd.	R.R. No. 8, London
Porter's Septic Tank Service	Lucknow
Precast Building Products Co.	190 Bridgeland St., Toronto
Precast Concrete Products	687 Harold Crescent, Fort William
Precast Tank and Vault Co. Ltd.	Birches Rd., Ferris
Precast Terrazo Tile Ltd.	Cornwall
Pre-con Murray Limited	75 Orenda Rd., Brampton
Prescott Concrete Vault Co.	Prescott
Priddle, Harold	Frogmore
Primeau Argo Block Co. Ltd.	449 Hensall Circle, Cooksville
Primeau Argo Block Co. Ltd.	Markham
Rainbow Cement Products	2231 Sudbury Junction Rd., Sudbury
Red Circle Concrete Products	11 Glikinson St., Brantford
Reinke, Elmer A.	Eganville
Reliance Brick Co. Ltd.	3177 Centre Rd. N., Cooksville
Ren-Car Products Ltd.	15 Pharmacy Dr., Toronto
Richvale Block Supply Co. Ltd.	9137 Yonge St., Thornhill
Ridgeville Concrete Products	Ridgeville
Risi Stone Mfg. Co. Ltd.	163 Cedar Ave., Richmond Hill
Royal Manufacture Co.	201 Weston Rd., Toronto
Ruston, Frank, Tile	Gladhill
Ryan Builders Supplies (Windsor) Ltd.	210 Detroit St., Windsor
Sandrin, Frank, and Co. Ltd.	152 Toryork Dr., Weston
Sarnia Concrete Products	914 Murphy Rd., Sarnia
Sauble Colour Concrete Products	Massey
Sauvé, Dennis, and Sons Ltd.	Belle River
Shawnee Pre-Cast of Ottawa	Bells Corners
Shell Industries Ltd.,	1100 Dundas St. E., Woodstock
Shell Industries Ltd.	Woodbridge
Schultz Concrete Pipe Ltd.	Victoria St. N., Kitchener
Schutz Block, Tile and Gravel Ltd.	Durham
Scott Products and Supplies Ltd.	Prince Charles Dr., Welland
Seaforth Sewer Tile Ltd.	Seaforth
Seaway Tile	Port Colborne
Seal-Tile Concrete Burial Vault Co.	246 Scarlett Rd., Toronto
Shouldice Cement Products Ltd.	Shallow Lake
Simco Block Co. Ltd.	113 Tiffin St., Barrie
Simfar Building Products	Chomong Rd., Peterborough
Southern Concrete Products Ltd.	100 Park Lane, Chatham
Spun Concrete Structures (Canada) Ltd.	Brampton
Stanley Crawford (Concrete Blocks) Ltd.	754 King St. W., Hamilton
Star Stone Products Ltd.	First St. S., St. Catharines
St. Jacobs Tile Yard	St. Jacob
Stormont Concrete	Cornwall
Storror Dunbrik Ltd.	North Simcoe St., Oshawa
Storror Dunbrik Ltd.	1070 Kipling Ave. N., Rexdale

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
<b>Ontario - Concluded:</b>	
Superior Concrete Products (London) Ltd.	Lambeth
Superior Vault Co. Ltd.	Cedar Creek Dr., Cooksville
Taylor Interlocking Concrete Products	Madoc
Terra Tile of Canada Ltd.	Belmont
Trenton Concrete Products	Trenton
Turnbull, L.H., and Son	Grande Bend
Twin City Dunbrik Co. Ltd.	158 McArthur Rd., Eastview
United Concrete Products Ltd.	365 D'Arcy St., Cobourg
Unit Precast Specialties Ltd.	Bells Corners
Unit Step (Ontario) Ltd.	65 Revell Ave., Woodstock
Uxbridge Concrete Products	69 King St., Uxbridge
Vars Concrete Products	Vars
Wallace Lockhart	Fingal
Watson Concrete Products Ltd.	252 Patterson Ave., Chatham
Watson, I.M.	97 Cambridge St., Lindsay
Weaver Concrete Products Ltd.	Cooksville
Wice Concrete Products	Barrle
Wilkinson, W.E.	Bridgeview
Wilson Concrete Products Ltd.	Wilson Ave., Belleville
Wilson's Concrete Products	Omcehe
Winona Concrete Products and Plastering Co.	489 Main St. W., Grimsby
Wright, J.M., Ltd.	107 Shrieff Ave., North Bay
Wyevale Cement Block	Wyevale
<b>Manitoba:</b>	
Barkman Manufacturing Ltd.	Steinbach
Bergen Concrete Works	McPhillips St., Winnipeg
Dick's Concrete Products	61 Burnett Ave., Winnipeg
Duracrete Building Products Ltd.	501 Pacific Ave., Brandon
Goossen, Elmer	787 St. Joseph St., St. Boniface
Kildonan Concrete Products, Ltd.	600 Jamieson Ave., Winnipeg
Larch Concrete Products, Ltd.	Gateway Rd., Winnipeg
Lee Burial Vault Co., Ltd. (The)	Headingley
Lok-a-Blok Supplies Brandon, Ltd.	2506 Southern Ave., Brandon
Perma-Crete Mfg. Co. Ltd.	Cianwilliam
Pressure-Crete Ltd.	596 Nairn Ave., Winnipeg
Pugh Concrete Products	Gladstone
Quigley's Cement Works	Ashville
R and D Concrete Products	224 Emerson Ave., Winnipeg
Rusti-Krete of Canada Ltd.	2043 Logan Ave., Winnipeg
Sifton Concrete Works	Sifton
Steinhagen Vaults Ltd.	1213 Fife St., Winnipeg
Supercrete Ltd.	185 Dawson Rd., St. Boniface
Trevi-Tile Company	1500 Wall St., Winnipeg
Washington Drain Tile	671 Washington Ave., Winnipeg
<b>Saskatchewan:</b>	
A and B Concrete Products	Saskatoon
Apex Concrete Products	1208 Central Ave., Saskatoon
B and M Concrete Products	605 Ave. S., Saskatoon
Cindercrete Block Mfg. Co.	Swift Current
Cindercrete Products Ltd.	Trans-Canada Highway E., Regina
Commeyne Concrete Products	Redvers
Concrete Drainage Pipe (Sask.) Ltd.	11th Ave. W., Saskatoon
Concrete Products Western Ltd.	5th Ave. & John St., Regina
Consolidated Industries, Ltd.	Regina
Eastend Block Co., Ltd.	Eastend
Lloydminster Concrete Block and Pipe	Lloydminster
Mappin Concrete Products	45-9th St. N.W., Prince Albert
Midwest Concrete	Weyburn
Nipawin Concrete Products Ltd.	Nipawin
Precast Concrete Co. Ltd.	950 Winnipeg St., Regina
Saskatoon Precast Concrete Ltd.	202-105 St., Saskatoon
Souris Valley Septic Tanks	Weyburn
Suburban Industries Limited	1211 Ave. S., Saskatoon
Weldon's Concrete Products	1920-11th St. W., Saskatoon
Westcon Concrete Products	1801 Ontario Ave., Saskatoon
Yorkton Concrete Products, Ltd.	Yorkton
<b>Alberta:</b>	
Alberta Dunbrik Co. Ltd.	5230-1st St. S.W., Calgary
Ambler's Precast Concrete Slabs	12455-58th St., Edmonton
Chemolli, Agostino	420-6 St. N., Lethbridge
Concrete Drainage Pipe	6413-104 St., Edmonton
Con-Force Products, Ltd.	Calgary
Con-Force Products, Ltd.	130-125 Ave., Edmonton
Con-Force Products, Ltd.	4th Ave. & 5th N., Lethbridge
Consolidated Concrete, Ltd. (Block Division)	9th Ave. & 24th St. E., Calgary
Consolidated Concrete, Ltd. (Block Division)	2121-18th Ave. S.E., Edmonton
Consolidated Concrete, Ltd.	9740-53rd Ave., Edmonton
Consolidated Concrete, Ltd.	11459-149th St., Edmonton
Consolidated Concrete, Ltd.	5th Ave. & 28th St. E., Lethbridge
Consolidated Concrete, Ltd.	5440 1st St. S.E., Calgary
Consolidated Concrete, Ltd.	4310-52nd Ave., Red Deer
Edmonton Concrete Block Co. Ltd.	7425-120th Ave., Edmonton
Edmonton Reinforced Concrete Prod. Ltd.	12843-67th St., Edmonton
Fenrich Prestressed Concrete, Ltd.	90 Ave. & 45 St., Edmonton
H.Q. Concrete Supplies, Ltd.	St. Albert Trail, Edmonton
Kimitt Concrete Ltd.	1010-2nd Ave. N., Lethbridge



List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
<b>Alberta - Concluded:</b>	
Kimmitt Concrete Ltd.	364 Kipling St., Medicine Hat
Kruger Concrete Products (Calgary) Ltd.	6229 Centre St. S., Calgary
Kruger, P. Concrete Products, Ltd.	6131 - 97th St., Edmonton
Lloydminster Pre-Cast Septic Tanks	Lloydminster
Loder's Lime (Alberta) Ltd.	5504 - 3rd St. S.E., Calgary
Mackie's Concrete (Grimshaw) Ltd.	Grimshaw
Mackie's Concrete Products, Ltd.	Grand Prairie
National Concrete Block Co. Ltd.	14250 - 125th Ave., Edmonton
Newsome Concrete Block Co. Ltd.	Camrose
Nord Precast Concrete Ltd.	Lethbridge
Northwest Concrete	Grand Prairie
Perma-Crete Precast	75th St. & 64th Ave., Edmonton
Proctor Concrete Products Ltd.	3620 - 15th St. S.E., Calgary
Red Rock Concrete Products Ltd.	Red Deer
Ritz Construction Ltd.	6025 - 104th St., Edmonton
Sanston Manufacturing Co. Ltd.	Edmonton
Smoky Lake Concrete Works	Smoky Lake
Stoy Cement Co. Ltd.	66 Ave. & 12 St. S.E., Calgary
St. Paul Concrete Products Ltd.	St. Paul
Superior Cement Works	Ponoka
Tex-Crete Cement Products	1502 - 2nd Ave. S., Lethbridge
Toews, Building Blox	Linden
Tru-Cast Step	Calgary
Vanguard Concrete Products, Ltd.	7625 - 127th Ave., Edmonton
Westlock Cement Products	Westlock
Woods Cement Works	126 - 16th Ave. N.E., Calgary
<b>British Columbia:</b>	
Aldergrove Cement Tile Products	Aldergrove
Art Casting	3185 Quadra St., Victoria
Bay Concrete Block Co. Ltd.	304 Bay St., Victoria
Birchall Manufacturing	Dawson Creek
Brownsey, W.G., and Sons	Duncan
Canadian Colour Concrete Products	Cedar P.O.
Clearbrooke Tile Plant Co. Ltd.	Abbotsford
Columbia Concrete Products and Erectors, Ltd.	North Surrey
Concrete Castings, Ltd.	Coquitlan
Courtenay Concrete Products, Ltd.	Courtenay
Cowichan Concrete Pipe	Duncan
Crest Cements of Canada, Ltd.	5707 Beresford St., Burnaby
Danforth, Harry E., Concrete and Brick Mfg.	Enderby
Dania Cement Products	Parson
Demstone Concrete Products Ltd.	976 Adair St., New Westminster
Dupont, Cement Rings	Cobble Hill
Dura Pipe Co. Ltd.	North Surrey
East Kootenay Block Co.	Cranbrook
Evans, Coleman and Evans, Ltd. (B.C. Concrete Divn.)	Vancouver
Evans, Coleman and Evans, Ltd. (Marpole Brick Divn.)	Vancouver
Evans, Coleman and Evans, Ltd. (Precast Division)	Vancouver
Felix Salvage & Exchange Ltd.	North Surrey
Flint, C.W. (Jr.)	Salmon Arm
Graybar Precast Ltd.	230 Brunette St., New Westminster
Interior Cement Works and Construction Co. Ltd.	Grand Forks
Island Pre-Cast Concrete	Parksville
Johnny's Concrete Products	Charlote Lake
Kamloops Brick and Block, Ltd.	Kamloops
Kanaka Concrete Products	Haney
Korpack Cement Products Co. Ltd.	154 Wellington St., Trail
Langley Concrete Tile, Ltd.	Langley
MacGregor Concrete Products	Cranberry Lake
Mount Ida Concrete Products	Salmon Arm
Nanaimo River Cement Products, Ltd.	Cedar
Osoyoos Tile Works	Osoyoos
Pacific Brick and Block, Ltd.	North Surrey
Prince George Concrete	Prince George
Progress Cement Block and Tile Co. Ltd.	248 Fell Ave., North Vancouver
Revelstoke Concrete Products, Ltd.	Revelstoke
R and H Builders	Kamloops
Sanderson Cement Products, Ltd.	Vancouver
Sages Cement Products, Ltd.	Vernon
Superior Concrete Products, Ltd.	551 Seymour Blvd., North Vancouver
Valley Cement Works	Clearbrook
Valley Concrete Products, Ltd.	Penticton
Veddar Concrete Products	Veddar Crossing
West Coast Concrete Works	Alberni
Westone Construction Products, Ltd.	260 Okanagan Ave. E., Penticton
Westone Construction Products, Ltd.	Vernon
Williams Concrete Co.	1025 Pender St. E., Vancouver
Wilson Pumice Products Ltd.	1146 St. Paul St., Kelowna

# CONCEPTS AND DEFINITIONS

## Census of Manufactures

### General

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

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

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

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

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

### Establishment

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

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

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

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



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

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

#### **Head Offices and Auxiliary Units**

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

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

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

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

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

#### **Employees**

##### **(a) Production and related workers—Manufacturing activity**

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

##### **(b) Production and related workers—Non-manufacturing activities**

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

##### **(c) Administrative and office employees**

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

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

#### (d) Sales and distribution workers

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

#### (e) Total Employees

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

#### Working Owners or Partners

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

#### Salaries and Wages

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

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

#### Fuel and Electricity

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

#### Materials and Supplies

##### (a) Manufacturing activities

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

##### (b) Non-manufacturing activities

###### 1. Purchases for re-sale as such

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

###### 2. Other materials and supplies used

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



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

## Shipments

### (a) General

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

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

### (b) Shipments of goods of own manufacture

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

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

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

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

### (c) Shipments of goods not of own manufacture

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

### (d) Other revenue

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

## Inventories

### (a) Manufacturing activities

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



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

**(b) Non-manufacturing activities**

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

**Value Added**

**(a) By manufacturing activities**

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

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

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

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

**(c) By Total activities**

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

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010670073