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# OTHER NON-METALLIC MINERAL PRODUCTS INDUSTRIES

1965

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## OTHER NON-METALIC MINERAL PRODUCTS INDUSTRIES

1965

For statistical purposes the industry titled Other Non-Metallic Mineral Products Industries in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing miscellaneous non-metallic mineral products not elsewhere classified, such as mica products, expanded vermiculite, expanded perlite, roofing granules. Establishments primarily engaged in manufacturing petroleum and coal products are classified to the Petroleum and Coal Products Industries.

Value of shipments and other revenue (manufacturing and non-manufacturing) of the Other Non-metallic Mineral Products Industries amounted to \$17,916,000 in 1965, compared with \$16,976,000 in 1964 an increase of \$940,000 or about 6 per cent. Included in this total were shipments of foundry supplies (facings, partings, core oil, etc.) valued at \$2,032,000, expanded perlite valued at \$220,000, expanded vermiculite valued at \$1,675,000 and other light weight aggregates valued at \$1,268,000. Other products shipped by this industry included porcelain enamel frit, fabricated mica, ground earths, roofing granules, etc. Other revenue (non-manufacturing) amounted to \$1,564,000.

The cost of materials and supplies, etc. used in the production of goods of own manufacture increased by \$323,000. Cost of materials and supplies, etc. (inputs) in 1965 represented 47 per cent of value of shipments of own manufacture (outputs) compared to 46 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	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		
1961													
<b>Totals</b> .....	35	300	660	1,189	374	5,680	11,300	5,235	x	x	487	2,277	5,406
1962													
<b>Totals</b> .....	39	363	798	1,463	455	6,404	13,454	6,455	x	x	585	2,752	6,644
1963													
<b>Totals</b> .....	43	366	810	1,477	509	6,448	13,567	6,672	x	x	615	2,898	6,820
1964													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec .....	11	82	187	290	71	1,296	2,670	1,300	x	x	140	611	1,312
Ontario .....	13	210	471	941	309	4,966	10,534	5,357	-	-	374	2,019	5,589
Manitoba .....	3	x	x	x	x	x	x	x	-	-	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	5	59	130	236	112	491	1,556	975	-	-	71	296	972
British Columbia .....	8	35	72	125	47	492	1,093	550	x	x	51	214	548
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b> .....	41	395	880	1,625	546	7,346	16,063	8,289	x	x	650	3,190	8,527
1965													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec .....	11	93	210	352	88	1,436	2,977	1,461	x	x	151	670	1,512
Ontario .....	14	235	513	1,061	307	5,165	10,821	5,395	x	x	403	2,230	5,801
Manitoba .....	2	x	x	x	x	x	x	x	-	-	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	7	55	125	249	106	515	1,614	1,038	-	-	67	318	1,035
British Columbia .....	6	20	45	89	20	456	734	256	-	-	32	157	268
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b> .....	41	412	915	1,788	527	7,669	16,353	8,252	x	x	666	3,425	8,719

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 .....	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999 .....	5	8	17	20	2	31	82	50	x	x	11	29	53
25,000 " 49,999 .....	4	4	8	14	5	49	142	80	-	-	8	31	80
50,000 " 99,999 .....	6	19	39	61	21	226	467	225	-	-	35	157	351
100,000 " 199,999 .....	7	31	64	131	35	465	980	512	x	x	44	196	518
200,000 " 499,999 .....	12	145	325	540	218	1,839	4,270	2,230	-	-	223	1,024	2,239
500,000 " 999,999 .....	7	188	427	859	265	4,735	10,122	5,192	-	-	329	1,753	5,285
1,000,000 " 4,999,999 .....													
5,000,000 and over .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>41</b>	<b>395</b>	<b>880</b>	<b>1,623</b>	<b>546</b>	<b>7,346</b>	<b>16,063</b>	<b>8,289</b>	<b>x</b>	<b>x</b>	<b>650</b>	<b>3,190</b>	<b>8,527</b>
1965													
Under \$10,000 .....	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999 .....	4	8	16	23	1	21	74	54	-	-	11	30	54
25,000 " 49,999 .....	5	9	18	28	5	88	198	113	x	x	14	47	113
50,000 " 99,999 .....	4	10	23	39	10	154	333	172	-	-	19	92	171
100,000 " 199,999 .....	9	41	91	178	50	601	1,207	555	x	x	53	268	806
200,000 " 499,999 .....	11	112	259	481	160	1,582	3,706	1,994	-	-	163	773	2,027
500,000 " 999,999 .....	4	53	112	185	66	1,550	2,715	1,150	-	-	99	471	1,181
1,000,000 " 4,999,999 .....	4	179	395	854	235	3,674	8,120	4,213	-	-	307	1,744	4,366
5,000,000 and over .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>41</b>	<b>412</b>	<b>915</b>	<b>1,788</b>	<b>527</b>	<b>7,669</b>	<b>16,353</b>	<b>8,252</b>	<b>x</b>	<b>x</b>	<b>666</b>	<b>3,425</b>	<b>8,719</b>

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 .....	3	3	6	7	1	16	35	19	x	x	4	9	19
\$ 10,000 to \$ 24,999 .....	7	11	23	36	8	89	238	134	-	-	20	69	137
25,000 " 49,999 .....	6	20	40	65	27	270	540	249	-	-	33	151	376
50,000 " 99,999 .....	7	50	106	201	62	685	1,280	503	x	x	70	324	509
100,000 " 199,999 .....	6	57	138	236	75	758	1,797	981	-	-	87	416	976
200,000 " 499,999 .....	7	88	190	305	123	1,354	3,185	1,770	-	-	144	627	1,783
500,000 " 999,999 .....	5	166	376	776	250	4,175	8,986	4,633	-	-	292	1,594	4,727
1,000,000 " 4,999,999 .....													
5,000,000 and over .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>41</b>	<b>395</b>	<b>880</b>	<b>1,623</b>	<b>546</b>	<b>7,346</b>	<b>16,063</b>	<b>8,289</b>	<b>x</b>	<b>x</b>	<b>650</b>	<b>3,190</b>	<b>8,527</b>
1965													
Under \$10,000 .....	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999 .....	8	15	30	44	6	101	237	140	x	x	21	63	140
25,000 " 49,999 .....	7	21	48	99	21	394	662	250	-	-	32	164	250
50,000 " 99,999 .....	8	39	87	159	39	722	1,256	489	x	x	58	280	753
100,000 " 199,999 .....	7	74	169	304	85	923	2,070	1,083	-	-	104	483	1,103
200,000 " 499,999 .....	7	84	185	328	141	1,856	4,008	2,077	-	-	144	691	2,106
500,000 " 999,999 .....	4	179	395	854	235	3,674	8,120	4,213	-	-	307	1,744	4,366
1,000,000 " 4,999,999 .....													
5,000,000 and over .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>41</b>	<b>412</b>	<b>915</b>	<b>1,788</b>	<b>527</b>	<b>7,669</b>	<b>16,353</b>	<b>8,252</b>	<b>x</b>	<b>x</b>	<b>666</b>	<b>3,425</b>	<b>8,719</b>

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.....	3	3	6	7	1	16	35	19	x	x	4	9	19
\$ 10,000 to \$ 24,999.....	7	11	23	36	8	89	238	134	-	-	20	69	137
25,000 " 49,999.....	5	13	27	47	24	234	465	214	-	-	21	98	214
50,000 " 99,999.....	7	50	106	201	62	685	1,280	503	x	x	70	324	509
100,000 " 199,999.....	7	64	152	254	79	794	1,872	1,016	-	-	99	470	1,138
200,000 " 499,999.....	7	88	190	305	123	1,354	3,185	1,770	-	-	144	627	1,783
500,000 " 999,999.....	5	166	376	776	250	4,174	8,986	4,633	-	-	292	1,594	4,727
1,000,000 " 4,999,999.....													
5,000,000 and over.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units.....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals.....</b>	<b>41</b>	<b>395</b>	<b>880</b>	<b>1,625</b>	<b>546</b>	<b>7,346</b>	<b>16,063</b>	<b>8,289</b>	<b>x</b>	<b>x</b>	<b>650</b>	<b>3,190</b>	<b>8,527</b>
1965													
Under \$10,000.....	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999.....	8	15	30	44	6	101	237	140	x	x	21	63	140
25,000 " 49,999.....	7	21	48	99	21	394	662	250	-	-	32	164	250
50,000 " 99,999.....	6	25	59	111	28	565	980	361	x	x	38	178	428
100,000 " 199,999.....	7	69	156	284	84	838	1,852	940	-	-	90	426	989
200,000 " 499,999.....	9	103	226	396	154	2,097	4,502	2,328	-	-	178	850	2,546
500,000 " 999,999.....	4	179	395	854	235	3,674	8,120	4,213	-	-	307	1,744	4,366
1,000,000 " 4,999,999.....													
5,000,000 and over.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units.....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals.....</b>	<b>41</b>	<b>412</b>	<b>915</b>	<b>1,788</b>	<b>527</b>	<b>7,669</b>	<b>16,353</b>	<b>8,252</b>	<b>x</b>	<b>x</b>	<b>666</b>	<b>3,425</b>	<b>8,719</b>

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.....	15	27	59	95	36	483	1,054	535	x	x	40	154	538
5 - 14 employed.....	12	76	159	314	100	1,588	3,294	1,659	x	x	115	551	1,793
15 - 49 ".....	11	166	370	589	183	2,396	5,269	2,670	-	-	264	1,159	2,671
50 - 99 ".....	3	126	291	627	227	2,878	6,446	3,426	-	-	231	1,326	3,525
100-199 ".....													
200-499 ".....	-	-	-	-	-	-	-	-	-	-	-	-	-
500 employed and over.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units.....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals.....</b>	<b>41</b>	<b>395</b>	<b>880</b>	<b>1,625</b>	<b>546</b>	<b>7,346</b>	<b>16,063</b>	<b>8,289</b>	<b>x</b>	<b>x</b>	<b>650</b>	<b>3,190</b>	<b>8,527</b>
1965													
Under 5 employed.....	15	35	79	137	30	572	1,154	570	x	x	48	201	570
5 - 14 employed.....	13	76	171	347	110	1,187	2,572	1,236	x	x	111	555	1,504
15 - 49 ".....	9	122	269	450	152	2,236	4,506	2,233	-	-	200	924	2,278
50 - 99 ".....	4	179	395	854	235	3,674	8,120	4,213	-	-	307	1,744	4,366
100-199 ".....													
200-499 ".....	-	-	-	-	-	-	-	-	-	-	-	-	-
500 employed and over.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units.....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals.....</b>	<b>41</b>	<b>412</b>	<b>915</b>	<b>1,788</b>	<b>527</b>	<b>7,669</b>	<b>16,353</b>	<b>8,252</b>	<b>x</b>	<b>x</b>	<b>666</b>	<b>3,425</b>	<b>8,719</b>

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 .....	}	41	395	880	1,625	546	7,346	16,063	8,289	x	x	650	3,190	8,527
Partnerships .....														
Incorporated companies .....														
Co-operatives .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>41</b>	<b>395</b>	<b>880</b>	<b>1,625</b>	<b>546</b>	<b>7,346</b>	<b>16,063</b>	<b>8,289</b>	<b>x</b>	<b>x</b>	<b>650</b>	<b>3,190</b>	<b>8,527</b>	
1965														
Individual ownerships .....	}	41	412	915	1,788	527	7,669	16,353	8,252	x	x	666	3,425	8,719
Partnerships .....														
Incorporated companies .....														
Co-operatives .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>41</b>	<b>412</b>	<b>915</b>	<b>1,788</b>	<b>527</b>	<b>7,669</b>	<b>16,353</b>	<b>8,252</b>	<b>x</b>	<b>x</b>	<b>666</b>	<b>3,425</b>	<b>8,719</b>	

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					
<b>Output</b>						
1. Shipments and other revenue .....	16,063	16,353	913	1,564	16,976	17,916
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	264	278	...	...	264	278
Finished goods .....	1,231	1,234	...	...	1,231	1,234
Deduct opening—Goods in process .....	283	264	...	...	283	264
Finished goods .....	1,094	1,152	...	...	1,094	1,152
2. Net inventory change .....	118	96	...	...	118	96
3. Gross output (1+2) .....	16,181	16,449	913	1,564	17,094	18,012
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	623	1,068	623	1,068
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	72	90	72	90
Deduct closing .....	...	...	64	139	64	139
5. Cost of goods sold (not of own manufacture) .....	...	...	631	1,019	631	1,019
6. Materials, supplies, etc. ....	7,346	7,669	43	79	7,389	7,748
7. Fuel and electricity .....	546	527	...	...	546	527
8. Gross input (5+6+7) .....	7,892	8,196	674	1,096	8,566	9,294
<b>Value added (3-8) .....</b>	<b>8,289</b>	<b>8,252</b>	<b>239</b>	<b>466</b>	<b>8,527</b>	<b>8,719</b>



TABLE 8. Employment and Payroll, 1964 and 1965

Year and province	Employees										Salaries and wages				
	Production and related workers				Administrative and office		Sales and distribution		Total		Production and related workers		Administrative and office	Sales and distribution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
<b>1964</b>															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	x	-	-	-	x	-	-	-	x	-	x	-	x	-	x
Quebec .....	69	13	1	-	33	18	6	-	109	31	290	1	287	33	611
Ontario .....	201	9	-	-	99	35	29	1	329	45	941	-	828	250	2,019
Manitoba .....	x	-	-	-	x	-	-	-	x	-	x	-	x	-	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	59	-	2	-	8	2	-	-	69	2	236	3	57	-	296
British Columbia .....	35	-	-	-	9	4	3	-	47	4	125	-	67	22	214
Yukon and Northwest Territories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals .....</b>	<b>373</b>	<b>22</b>	<b>3</b>	<b>-</b>	<b>154</b>	<b>59</b>	<b>38</b>	<b>1</b>	<b>568</b>	<b>82</b>	<b>1,625</b>	<b>5</b>	<b>1,255</b>	<b>305</b>	<b>3,190</b>
<b>1965</b>															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	x	-	-	-	x	-	-	-	x	-	x	-	x	-	x
Quebec .....	79	14	-	-	35	18	5	-	119	32	352	-	296	22	670
Ontario .....	228	7	-	-	94	27	44	3	366	37	1,061	-	821	348	2,230
Manitoba .....	x	-	-	-	x	-	-	-	x	-	x	-	x	-	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	55	-	1	-	9	2	-	-	65	2	249	3	66	-	318
British Columbia .....	20	-	-	-	9	1	2	-	31	1	89	-	57	11	157
Yukon and Northwest Territories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals .....</b>	<b>391</b>	<b>21</b>	<b>1</b>	<b>-</b>	<b>151</b>	<b>48</b>	<b>51</b>	<b>3</b>	<b>594</b>	<b>72</b>	<b>1,788</b>	<b>3</b>	<b>1,253</b>	<b>380</b>	<b>3,425</b>

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

Month	1964		1965	
	Male	Female	Male	Female
	number			
<b>Establishments reporting monthly detail (large establishments only):</b>				
January .....	349	17	366	21
February .....	360	20	355	22
March .....	377	22	380	23
April .....	375	23	407	24
May .....	366	24	400	25
June .....	389	24	410	21
July .....	390	22	398	21
August .....	398	23	407	18
September .....	372	20	403	20
October .....	372	23	402	20
November .....	364	23	380	19
December .....	362	23	365	19
Averages .....	373	22	391	21
<b>Establishments reporting annual averages (small establishments only) .....</b>	-	-	-	-
<b>Average for all establishments .....</b>	<b>373</b>	<b>22</b>	<b>391</b>	<b>21</b>

TABLE 10. Inventories, 1965

Province	Manufacturing			Total	Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture		Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-
New Brunswick .....	x	-	x	x	-	x
Quebec .....	360	31	61	451	6	457
Ontario .....	813	184	724	1,722	77	1,799
Manitoba .....	x	-	x	x	-	x
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	290	48	319	658	6	664
British Columbia .....	102	-	27	129	-	129
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals .....</b>	<b>1,588</b>	<b>264</b>	<b>1,152</b>	<b>3,004</b>	<b>90</b>	<b>3,094</b>
Closing:						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-
New Brunswick .....	x	-	x	x	-	x
Quebec .....	403	27	72	502	4	505
Ontario .....	825	187	767	1,779	98	1,877
Manitoba .....	x	-	x	x	-	x
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	248	64	349	661	29	689
British Columbia .....	88	-	25	113	9	122
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals .....</b>	<b>1,585</b>	<b>278</b>	<b>1,234</b>	<b>3,097</b>	<b>139</b>	<b>3,237</b>

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

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
<b>1. Large establishments reporting commodity detail:</b>				
Bituminous coal:				
(a) From Canadian mines .....	ton	-	-	-
(b) Imported .....	"	-	-	-
Sub-bituminous coal (from Alberta mines only) .....	"	-	-	-
Anthracite coal .....	"	-	18	-
Lignite coal .....	"	-	-	-
Coke .....	"	-	-	-
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	101,619	58,869	21
Fuel oil including kerosene or coal oil .....	"	906,564	841,852	115
Wood .....	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	27,694	22,033	6
(b) Other manufactured gas .....	M cu. ft.	-	-	-
(c) Natural gas .....	"	340,392	364,569	176
Other fuel .....		-	-	-
Electricity purchased .....	kwh.	14,389,628	14,817,662	189
Steam purchased .....		-	-	-
<b>2. Small establishments not reporting commodity detail:</b>				
Estimate for fuel and electricity .....	...	23	...	19
<b>3. All establishments:</b>				
<b>Total fuel and electricity used .....</b>	...	<b>546</b>	...	<b>527</b>

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

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
<b>1. Materials used:</b>				
Coal, bituminous .....	ton	-	8,106	85
Litharge .....	lb.	337,000	356,244	53
Mica, raw .....	"	257,921	273,535	137
Silica sand or quartz .....	ton	3,371	4,608	85
Sodium silicate .....	lb.	4,317,902	5,326,901	115
Titanium dioxide .....	"	1,930,847	1,612,770	368
All other materials and components used <sup>1</sup> .....	...	5,251	...	5,531
<b>2. Containers and other packaging materials and supplies used .....</b>	...	520	...	560
<b>3. Operating, maintenance and repair supplies used (excluding fuel) .....</b>	...	781	...	697
<b>4. Amount paid out to others for work done on materials owned by establishments .....</b>	...	17	...	38
<b>Totals .....</b>	...	<b>7,346</b>	...	<b>7,669</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 \$276,156 in 1964 and \$245,139 in 1965.

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

Description	1964		1965	
	Quantity	Value	Quantity	Value
	tons	\$'000	tons	\$'000
<b>1. Products:</b>				
Foundry supplies (core oil, facings, partings, etc.) .....	..	1,620	..	2,032
Perlite, expanded .....	..	276	..	220
Vermiculite, expanded .....	..	1,678	..	1,675
Light-weight aggregates, other (expanded clay, expanded slag, haydite, etc.) .....	244,040	1,455	325,842	1,268
Other minerals and earths, ground or otherwise treated, including roofing granules .....	..	3,863	..	4,218
All other products .....	...	7,013	...	6,997
<b>2. Amount received in payment for work done on materials and products owned by others .....</b>	...	18	...	--
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(60)	...	(59)
Net adjustment for establishments receiving progress payments .....	-	-	-	-
<b>Total adjusted value of shipments and work done .....</b>	...	<b>16,063</b>	...	<b>16,353</b>

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
<b>New Brunswick:</b>	
Kon-Krete Ltd. ....	671 Wilson St., Lancaster
<b>Quebec:</b>	
Airmat Corporation Ltd. ....	1290 Rosemont St., Montreal
Hyde, F. and Company Ltd. ....	2315 Côte-de-Liesse Rd., Montreal 9
Industrial Filiers Ltd. ....	4820-4th Ave., Montreal 36
Industrial Granules Ltd. ....	2900 Delorimier Ave., Ville Jacques-Cartier
Laurentide Perlite Inc. ....	Charlesbourg West
Metallurgical Specialties Ltd. ....	2675 Bonin St., Sherbrooke
Mica Co. of Canada Ltd. ....	4 Lois St., Hull
Perlite Industries Reg'd. ....	500 Canal Bank, Ville St-Pierre
Powder Limestone Ltd. ....	St-Marc des Carrières
Quebec Pottery Inc. ....	655 Desnoyers St., Montreal 30
Vermiculite Insulating Ltd. ....	1775-52nd Ave., Lachine

List of Establishments classified to this Industry, 1965 - Concluded

Name	Location
<b>Ontario:</b>	
Biorganic Fertilizers Ltd. ....	Kingsville
Chicago Vitreous (Canada) Ltd. ....	30 Wilson St., Ingersoll
Ferro Enamels (Canada) Ltd. ....	Davis Rd., Oakville
Foseco Canada Ltd. ....	201 Alice St., Guelph
Hamilton Facing Mill Company Ltd. ....	249 Hess St. N., Hamilton
Hyde, F., (Ontario) Ltd. ....	3536-3540 Dundas St. W., Toronto
Industrial Minerals of Canada Ltd. ....	Whitby
Jiffy Ready Mix Prod. ....	11 West Hill Dr. West Hill
Lime-Sand Mortar (Toronto) Ltd. ....	Syms Rd., Toronto
Medusa Products Company of Canada Ltd. ....	Spruce St., Paris
Minnesota Minerals Ltd. ....	Havelock
National Slag Ltd. ....	Windermere Rd., Hamilton
Thermospacer of Canada Ltd. ....	59 First Ave., Schumacher
Wilkinson Foundry Facing and Supply Co. Ltd. ....	81 Florence St., Toronto
<b>Manitoba:</b>	
Cermatex (Western) Ltd. ....	Nairn Ave. & Gateway Rd., Winnipeg 5
Perlite Products Ltd. ....	500 Raleigh St., Winnipeg
<b>Alberta:</b>	
Baroid of Canada Ltd. ....	Onoway
Better Bond Dry Wall Products Ltd. ....	14725-125th Ave., Edmonton
Edmonton Concrete Block Co. Ltd. ....	16333-137 Ave., Edmonton
Grant Industries Div. of Eddy Match Co. Ltd. ....	1240-10th Ave. S.W., Calgary
Magnet Cove Barium Corp. Ltd. ....	Rosalind
Mountain Minerals Ltd. ....	3405-6th Ave. S., Lethbridge
Western Insulation Products Ltd. ....	9760-53rd Ave., Edmonton
<b>British Columbia:</b>	
Crest Cements of Canada Ltd. ....	5707 Beresford St., South Burnaby
Grant Industries Div. of Eddy Match Co. Ltd. ....	476 Industrial Ave., Vancouver
Richmond Industrial Minerals Ltd. ....	8255 Wiggins St., South Burnaby
Synkoloid Co. of Canada Ltd., The ....	11105 Bridge St., North Surrey
Target Concrete Products Ltd. ....	620 Taylor St., Vancouver
Vantec Industries Ltd. ....	881 River Rd., Richmond

# 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).

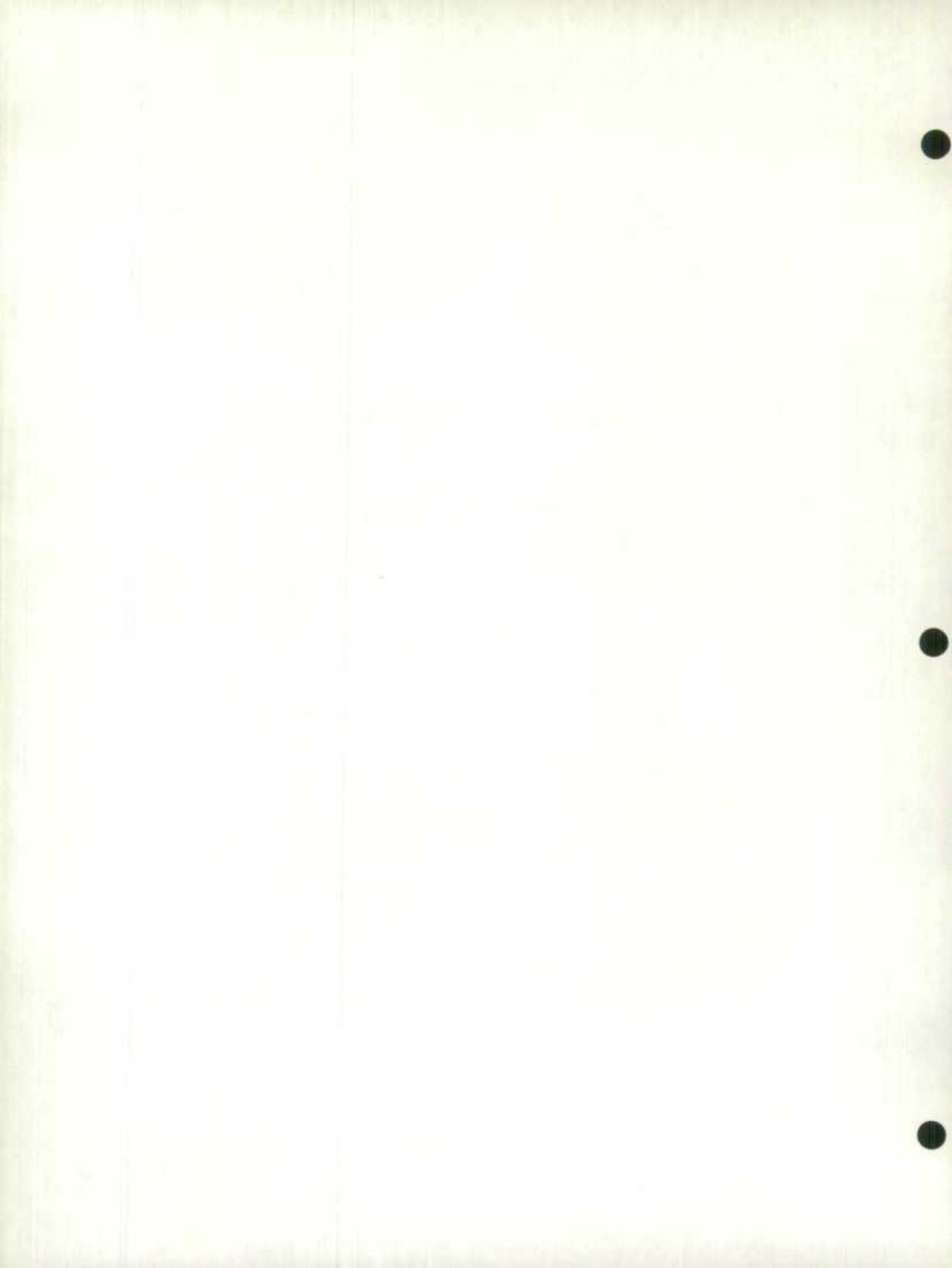
**(b) By non-manufacturing activities**

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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