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MINERAL WOOL MANUFACTURERS

1968

ANNUAL CENSUS OF MANUFACTURES

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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.
- † revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

NOTES TO USERS

1. The detailed explanations of "Concepts and Definitions" omitted from this report may be consulted in any 1965 report in this series. If not available to the user, the relevant pages may be obtained free of charge from the Manufacturing and Primary Industries Division of the Bureau.
2. In order to expedite the release of such basic statistics as materials and supplies used, and shipments of goods of own manufacture, the following tables have been omitted from this report:
 - (a) Principal statistics classified by manufacturing value added, by total value added, and by type of organization, last published in the 1966 report as Tables 3, 4 and 6, respectively.
 - (b) Principal statistics classified by shipments of goods of own manufacture and by total employed, last published in the 1967 report as Tables 2 and 3, respectively.

The above tables are available on request, however, from the Manufacturing and Primary Industries Division. Similarly, the list of establishments classified to the industry, omitted from this report in the interests of both timeliness and economy, is available on request. In the case of an extensive request involving a large number of industries, it may be necessary to levy a charge.

3. Users interested in obtaining the value of production (manufacturing activity) can do so by adding cost of materials and supplies used (manufacturing activity), cost of fuel and electricity, and value added (manufacturing activity). The resulting statistic is equivalent in concept to "gross output" shown in Table 7 of the 1966 report.

MINERAL WOOL MANUFACTURE

(S.I.C. 354)

1968

For statistical purposes the industry titled Mineral Wool Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing mineral wool from materials such as limestone, slag and glass.

Value of shipments and other revenue (manufacturing and non-manufacturing) reported by Mineral Wool Manufacturers amounted to \$36.1 millions in 1968, compared with \$33.7 millions in 1967, an increase of \$2.4 millions or about 6.8 per cent. Shipments of manufactured products amounted to \$34.2 millions while other revenue (non-manufacturing) accounted for \$1.9 millions.

The total cost of materials and supplies, etc. used in the production of goods of own manufacture increased by \$0.5 million. Cost of materials and supplies etc. (total inputs) in 1968 represented 35.9 per cent of shipments of own manufacture, etc. (total outputs), compared to 36.5 per cent in 1967.

It should be noted that Table 6 presents the total value of shipments of specific commodities of Canadian manufacture and includes shipments of those commodities reported by establishments classified to other industries.



TABLE 1. PRINCIPAL STATISTICS, 1961-68

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961	9	629	1,367	2,882	888	5,782	16,118	9,476	-	-	885	4,220	9,701
1962	9	625	1,359	2,907	882	6,306	18,614	11,143	-	-	895	4,427	11,386
1963	8	617	1,378	3,068	972	6,943	20,548	12,735	-	-	866	4,388	12,918
1964	9	714	1,587	3,696	1,143	8,023	23,988	14,924	-	-	987	5,057	14,959
1965	8	773	1,743	4,145	1,290	8,877	27,195	17,103	-	-	1,015	5,546	17,275
1966	9	798	1,873	4,823	1,379	9,892	30,280	18,959	-	-	1,019	6,324	18,910
<u>1967</u>													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	1	x	x	x	x	x	x	x	-	-	x	x	x
Ontario	6	x	x	x	x	x	x	x	-	-	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	1	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	1	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	9	801	1,841	5,084	1,427	10,299	31,775	20,540	-	-	1,090	6,779	20,745
<u>1968</u>													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	1	x	x	x	x	x	x	x	-	-	x	x	x
Ontario	6	x	x	x	x	x	x	x	-	-	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	1	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	1	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	9	780	1,821	5,327	1,571	10,756	34,184	21,808	-	-	1,029	7,164	21,843
<u>Percentage change</u>													
1966-1967	-	+ 0.3	- 1.8	+ 5.4	+ 3.5	+ 4.1	+ 4.9	+ 8.3	-	-	+ 7.0	+ 7.2	+ 8.7
1967-1968	-	- 2.7	- 1.1	+ 4.8	+ 10.1	+ 4.4	+ 7.6	+ 6.2	-	-	- 5.6	+ 5.7	+ 8.3

TABLE 2. EMPLOYMENT AND PAYROLL, 1967 AND 1968

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
	number										\$'000				
<u>1967</u>															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Quebec	x	-	-	-	x	x	x	-	x	x	x	-	x	x	
Ontario	x	-	-	-	x	x	x	-	x	x	x	-	x	x	
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alberta	x	-	-	-	x	x	-	-	x	-	x	-	x	-	
British Columbia	x	-	-	-	x	-	-	-	x	-	x	-	x	-	
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals	801	-	-	-	217	68	4	-	1,022	68	5,084	-	1,663	32	
<u>1968</u>															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Quebec	x	-	-	-	x	x	-	-	x	x	x	-	x	x	
Ontario	x	-	-	-	x	x	x	-	x	x	x	-	x	x	
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alberta	x	-	-	-	x	x	-	-	x	x	x	-	x	-	
British Columbia	x	-	-	-	x	-	-	-	x	-	x	-	x	-	
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals	780	-	-	-	185	59	5	-	970	59	5,127	-	1,790	46	

TABLE 3. INVENTORIES, 1968

Province	Manufacturing				Non-manufacturing
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale
	book value \$'000				
<u>Opening</u>					
Newfoundland	-	-	-	-	-
Prince Edward Island	-	-	-	-	-
Nova Scotia	-	-	-	-	-
New Brunswick	-	-	-	-	-
Quebec	x	x	x	x	x
Ontario	x	x	x	x	x
Manitoba	-	-	-	-	-
Saskatchewan	-	-	-	-	-
Alberta	x	x	x	x	x
British Columbia	x	-	x	x	-
Yukon and Northwest Territories	-	-	-	-	-
Totals	1,035	25	1,227	2,287	193
<u>Closing</u>					
Newfoundland	-	-	-	-	-
Prince Edward Island	-	-	-	-	-
Nova Scotia	-	-	-	-	-
New Brunswick	-	-	-	-	-
Quebec	x	x	x	x	x
Ontario	x	x	x	x	x
Manitoba	-	-	-	-	-
Saskatchewan	-	-	-	-	-
Alberta	x	x	x	x	x
British Columbia	x	-	x	x	-
Yukon and Northwest Territories	-	-	-	-	-
Totals	1,101	24	1,179	2,304	212

TABLE 4. PURCHASED FUEL AND ELECTRICITY USED, 1967 AND 1968

Description	1967		1968	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail				
Bituminous coal:				
(a) From Canadian mines	ton	-	-	-
(b) Imported	"	-	-	-
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	-	-	-
Lignite coal	"	-	-	-
Coke	"	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	10,848	9,957	4
Fuel oil including kerosene or coal oil	"	2,864,536	2,883,288	241
Wood	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	75,306	83,102	19
(b) Other manufactured gas	M cu. ft.	-	-	-
(c) Natural gas	"	1,142,856	1,270,873	587
Other fuel	"	-	-	-
Electricity purchased	kwh.	49,268,837	51,000,481	353
Steam purchased .....	"	...	...	364
2. Small establishments not reporting commodity detail				
Estimate for fuel and electricity		4		3
3. All establishments				
Total fuel and electricity used		1,427		1,571

TABLE 5. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1967 AND 1968

Description	1967		1968	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Materials used:				
Asphalt	Imp. gal.	1,593,169	1,547,505	167
Coke for mineral wool	ton	10,881	10,990	278
Dolomite, calcined	"	1,382	1,369	57
Dolomite, raw or crude	"	6,518	7,191	67
Limestone	"	3,616	3,796	32
Nepheline syenite	"	8,632	9,568	179
Paper (scutan, crepe, etc.) .....	"	...	...	422
Resins, synthetic (phenolic, luxite, etc.) .....	"	...	...	765
Silica sand	ton	38,605	41,265	351
Slag	"	55,760	66,452	301
Soda ash	"	10,374	11,592	507
All other materials and components used		4,064 ^F	...	3,925
2. Small establishments not reporting commodity detail				
		17		15
3. Containers and other packaging materials and supplies used:				
Corrugated boxes and cartons		307		304
Paper bags, all kinds (including multi-wall shipping sacks)		761		837
Wrapping paper, all kinds (including Kraft, corrugated, etc.)		321		390
Paper-clupak tubing		135		142
All other		109		56
4. Operating, maintenance and repair supplies used (excluding fuel)				
		1,624		1,968
5. Amount paid out to others for work done on materials owned by establishments				
		-		-
Totals		10,299		10,756

TABLE 6. SHIPMENTS OF SELECTED GOODS OF OWN MANUFACTURE - ALL INDUSTRIES
 (Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

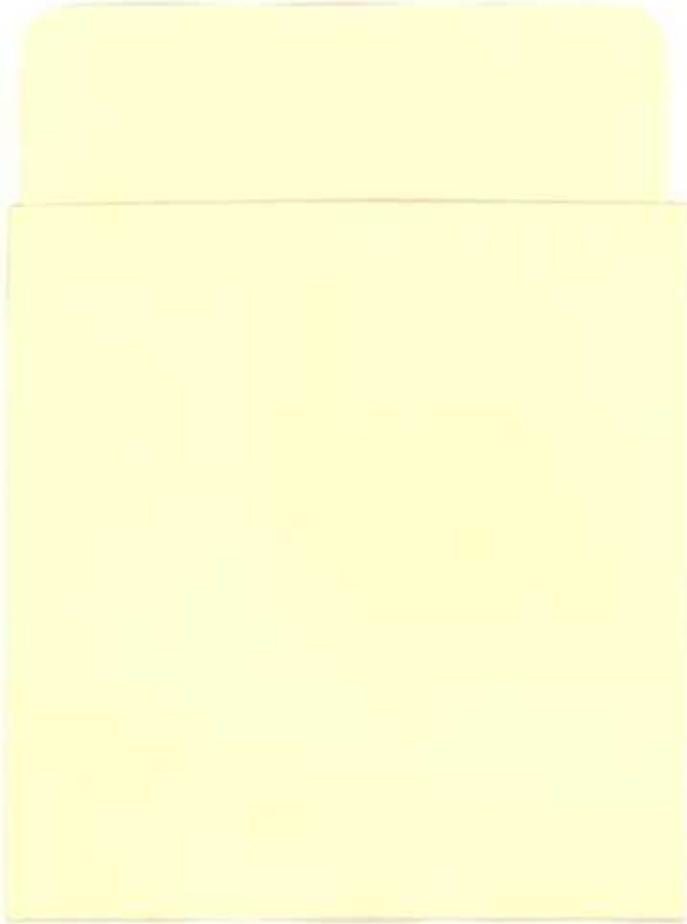
A. Mineral Wool for Building Insulation, (1) 1963-68

Year	Selling value at plant	Year	Selling value at plant
	\$'000		\$'000
1963	12,050	1966	18,966
1964	13,890	1967	20,801 ^F
1965	16,860	1968	22,743

B. Mineral Wool for Building Insulation, (1) by Grades, (2) 1968

	1968	
	Quantity	Selling value at plant
		\$'000
R. 7 batts	sq. ft. 234,753,042	7,217
R. 8 "	" 29,827,344	800
R. 10 "	" 152,611,210	7,052
R. 12 "	" 37,725,069	1,905
R. 14 "	" 4,577,861	377
R. 20 "	" 34,526,361	2,537
Wool, granulated, bulk or loose	cu. ft. 26,228,437	2,855
Total .....	...	22,743

(1) Does not include production of other forms, such as pipe covering; refrigerator car insulation; stove, refrigerator and other appliances, insulation; etc.
 (2) The "R" grade refers to the thermal resistance basis of identifying insulation, as approved and adopted by the Canadian Standards Association, Central Mortgage and Housing Corporation, and other associations.



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