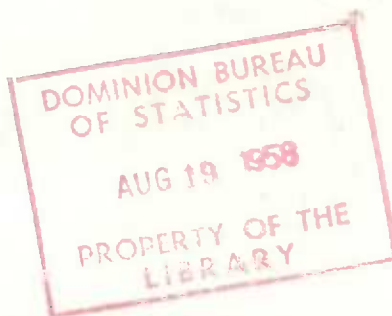


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THE MISCELLANEOUS PRODUCTS OF PETROLEUM
AND COAL INDUSTRY
1956



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
 - X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XVII, Products of Petroleum and Coal. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Coke and Gas Industry, 25¢
- C — The Petroleum Products Industry, 25¢
- D — The Miscellaneous Products of the Petroleum and Coal Industry, 25¢

THE MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL INDUSTRY

1956

The standard Industrial Classification adopted by the Dominion Bureau of Statistics in 1949 provides for a new group, the Miscellaneous Products of Petroleum and Coal Industry, for the first time. However, because of the small number of firms involved, no attempt was made to develop an industry grouping for statistical purposes until 1952. The group as now established includes firms, formerly classified in the Miscellaneous Non-Metallic Mineral Products Industry, which are primarily engaged in manufacturing products of petroleum and coal, not elsewhere classified, including fuel briquettes, asphalt and tar paving materials and roofing coatings.

In 1956 there were 21 operating plants in this miscellaneous industry. Factory shipments from

these works were valued at \$9,742,729 in 1956. Employment was afforded to 426 people who were paid \$1,565,988 in salaries and wages. Materials for use in manufacturing processes cost \$4,742,122 while fuel and electricity cost \$232,455.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

TABLE 1. Principal Statistics of the Miscellaneous Products of Petroleum and Coal Industry, 1953-1956, and by Provinces, 1955 and 1956

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments ¹
	No.	No.	\$	\$	\$	\$	\$
1953	17	299	1,043,817	127,953	2,519,652	3,132,085	5,779,690
1954	17	324	1,068,736	143,687	2,849,602	3,706,760	6,732,265
1955							
Ontario	9	243	822,210	104,004	2,531,847	2,746,236	5,481,656
Other provinces	11	167	540,579	88,436	1,136,883	1,394,214	2,617,206
Canada	20	410	1,362,789	192,440	3,668,730	4,140,450	8,098,862
1956							
Ontario	9	268	966,207	121,146	3,476,183	3,497,152	6,980,601
Other provinces	12	158	599,781	111,309	1,265,939	1,399,939	2,762,128
Canada	21	426	1,565,988	232,455	4,742,122	4,897,091	9,742,729

¹ See footnote to text.

TABLE 2. Inventories¹, 1956

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Ontario	212,365	4,573	372,881	589,819
Other provinces	87,307	3,674	71,030	162,011
Canada	299,672	8,247	443,911	751,830
Closing:				
Ontario	285,769	3,023	488,311	777,103
Other provinces	216,357	4,126	85,637	306,120
Canada	502,126	7,149	573,948	1,083,223

¹ Book value of all manufacturing inventories owned and held at plant and plant warehouses.

Note. (a) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Miscellaneous Products of Petroleum and Coal Industry for the year under review are shown in the above table.

(b) The opening inventory for the current year may not necessarily agree with the closing inventory published the previous year because of changes in the composition of the industry such as: the addition of new establishments, the disappearance of old ones, or the transfer of establishments to other industries for statistical purposes. The figure for value added by manufacture for the previous year does not need to be altered because of such changes in the composition of the industry.

TABLE 3. Products Made in the Miscellaneous Products of Petroleum and Coal Industry, 1955 and 1956

Product	1955		1956	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Asphalt road emulsions Imp. gal.	15,850,927	2,981,245	17,989,606	3,660,081
Asphalt and bituminous coatings Imp. gal.	1,668,747	1,493,991	1,860,066	1,738,668
All other products ¹	—	3,623,626	—	4,343,980
Total	—	8,098,862	—	9,742,729

¹ Includes wood preserver, furnace cement, asphalt tile, coal briquettes, asphalt plank, paving asphalt and other products made by less than three firms.

TABLE 4. Materials Used in the Miscellaneous Products of Petroleum and Coal Industry, 1955 and 1956

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Asphalt ton	46,123	1,332,273	44,278	1,181,737
Asbestos lb.	4,915,784	101,053	6,160,710	128,486
Shipping containers and packing materials	—	190,711	—	364,422
All other materials and process supplies	—	2,044,693	—	3,067,477
Total	—	3,668,730	—	4,742,122

TABLE 5. Principal Statistics of the Miscellaneous Products of Petroleum and Coal Industry in Canada, Grouped According to Selling Value of Factory Shipments, 1955 and 1956

Establishments reporting factory shipments	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
\$10,000 to \$24,999	2	42	103,110	254,846	507,910
\$50,000 to \$99,999	6				
\$100,000 to \$199,999	4	41	138,151	284,776	693,325
\$200,000 to \$499,999	3	49	186,360	407,825	831,637
\$500,000 to \$999,999	4	275	889,718	2,721,283	6,065,990
\$1,000,000 to \$4,999,999	1				
Head offices	—	3	45,450	—	—
Total	20	410	1,362,789	3,668,730	8,098,862
1956					
Under \$10,000	1	14	43,494	44,971	86,190
\$10,000 to \$24,999	2				
\$25,000 to \$49,999	1				
\$50,000 to \$99,999	4	14	47,028	185,382	357,867
\$100,000 to \$199,999	4	41	145,352	300,506	607,546
\$200,000 to \$499,999	3	44	161,136	336,054	673,062
\$500,000 to \$999,999	5	310	1,117,674	3,875,209	8,018,064
\$1,000,000 to \$4,999,999	1				
Head offices	—	3	51,304	—	—
Total	21	426	1,565,988	4,742,122	9,742,729

TABLE 6. Principal Statistics Classified According to Type of Ownership, 1955 and 1956

Type	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Incorporated companies	20	410	1,362,789	3,668,730	8,098,862
Total	20	410	1,362,789	3,668,730	8,098,862
1956					
Individual ownership	1	426	1,565,988	4,742,122	9,742,729
Incorporated companies	20				
Total	21	426	1,565,988	4,742,122	9,742,729

TABLE 7. Employees and Their Earnings in the Miscellaneous Products of Petroleum and Coal Industry, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1955								
Ontario	69	46	125	3	243	378,993	443,217	822,210
Other provinces	41	12	112	2	167	177,809	362,770	540,579
Canada	110	58	237	5	410	556,802	805,987	1,362,789
1956								
Ontario	78	45	143	2	268	427,521	538,686	966,207
Other provinces	32	10	115	1	158	202,966	396,815	599,781
Canada	110	55	258	3	426	630,487	935,501	1,565,988

TABLE 8. Production Workers in the Miscellaneous Products of Petroleum and Coal Industry, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	number					
January	188	3	191	197	3	200
February	193	3	196	196	3	199
March	187	4	191	212	3	215
April	211	4	215	242	3	245
May	263	4	267	281	3	284
June	297	5	302	309	3	312
July	290	5	295	309	3	312
August	286	5	291	309	3	312
September	269	5	274	298	3	301
October	245	5	250	287	3	290
November	211	4	215	244	3	247
December	208	4	212	215	3	218
Average	237	5	242	258	3	261

TABLE 9. Capital and Repair Expenditures in the Miscellaneous Products of Petroleum and Coal Industry, 1954-1956

Year	Capital expenditures		Sub-total	Repair and main- tenance expenditures		Sub-total	Total capital and repair expenditures
	Construc- tion	Machinery and equipment		Construc- tion	Machinery and equipment		
	\$'000						
1954	6	135	141	14	145	159	300
1955.....	19	265	284	23	226	249	533
1956 ¹	596	289	885	14	177	191	1,076

¹ Preliminary.

TABLE 10. Fuel and Electricity Used¹ in the Miscellaneous Products of Petroleum and Coal Industry, 1956

	Quantity	Cost at works
		\$
Bituminous coal (a) From Canadian mines	ton	540
(b) Imported	"	347
Anthracite coal	"	13
Lignite coal	"	16
Coke	"	294
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	85,859
Kerosene	"	7,300
Fuel oil	"	596,307
Gas (a) Liquefied petroleum gases	"	675
(b) Natural gas	M cu. ft.	33,200
Other fuel	"	—
Electricity purchased	kwh.	4,253,198
Total	—	232,455

¹ Last collected in this detail in 1953.

List of Firms in the Miscellaneous Products of Petroleum and Coal Industry, 1956

Name of firm	Location of plant
Newfoundland:	
Newfoundland Hardwoods Limited	Clareville
Quebec:	
Canadian Bitumuls Company Limited	11451 Sherbrooke St. E., Montreal East 5
Cie D'Asphalte Laurentien Inc.	St. Jerome
Flinkkote Company of Canada Limited, The	5th Ave. and Canal Bank, Ville St. Pierre
La Salle Asphalte Ltée	La Sute, Ste Foy
Plas-Ti-Co. Products Mfg. Reg'd.	160 Ozaman, Quebec
Ontario:	
Canadian Bitumuls Company Limited	43 Industrial St., Leaside, Toronto 17
Flinkkote Company of Canada Limited, The	30th Street, Long Branch
Insul-Mastic Eastern Limited	1454 Bloor St. W., Toronto
Mixed Asphalt & Contractor's Supplies Ltd.	501 Main St. W., Hamilton
Koppers Products Ltd.	Port Arthur
Nonskid Pavement Limited	Dundas
Panther Oil & Grease Mfg. Co. of Canada Ltd.	25 Industrial St., Leaside, Toronto 17
Universal Asphalt & Mastic Products Ltd.	14 Eugene Ave., Toronto
Western Asbesphalt Ltd.	951 Roselawn Ave., Toronto
Manitoba:	
Insul-Mastic Corporation Limited	1400 Spruce St., Winnipeg
Saskatchewan:	
Canadian Bitumuls Company Limited	Arcola and Reynolds St., Regina
Dominion Briquettes and Chemicals Ltd.	Bienfait
Alberta:	
Dominion Products Company Ltd.	Lloydminster
Elsro Asphalt Ltd.	Lloydminster
Flinkkote Company of Canada Limited, The	Lloydminster

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