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THE MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL INDUSTRY

1957

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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
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada
 - Section B. Atlantic Provinces
 - Section C. Quebec
 - Section D. Ontario
 - Section E. Prairie Provinces
 - Section F. British Columbia
 - Section G. The Manufacturing Industries of Canada, Regional Distribution
- 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
- B — The Coke and Gas Industry
- C — The Petroleum Products Industry
- D — The Miscellaneous Products of the Petroleum and Coal Industry

Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.

THE MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL INDUSTRY

1957

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 1957 there were 20 operating plants in this miscellaneous industry. Factory shipments from these works were valued at \$10,618,418 in 1957.

Employment was afforded to 406 people who were paid \$1,621,972 in salaries and wages. Materials for use in manufacturing processes cost \$5,239,746 while fuel and electricity cost \$233,971.

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 warehouses.

TABLE 1. Principal Statistics of the Miscellaneous Products of Petroleum and Coal Industry, 1953 - 1957, and by Provinces, 1956 and 1957

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
	number		dollars				
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	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
1957							
Ontario	8	246	1,021,683	112,357	3,973,469	3,928,404	7,966,357
Other provinces	12	160	600,289	121,614	1,266,277	1,299,136	2,652,061
Canada	20	406	1,621,972	233,971	5,239,746	5,227,540	10,618,418

¹ See footnote to text.

TABLE 2. Inventories,¹ 1957

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening:				
Ontario	286,706	3,023	491,553	781,282
Other provinces	209,605	4,126	93,638	307,369
Canada	496,311	7,149	585,191	1,088,651
Closing:				
Ontario	284,744	2,140	540,309	827,193
Other provinces	177,580	198	132,532	310,310
Canada	462,324	2,338	672,841	1,137,503

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, 1956 and 1957

Product	1956		1957	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
		\$		\$
Asphalt road emulsions..... Imp. gal.	17,989,606	3,660,081	18,238,869	4,297,867
Asphalt and bituminous coatings..... "	1,860,066	1,738,668	1,251,786	1,624,263
All other products ¹ —	—	4,343,980	—	4,696,288
Total	—	9,742,729	—	10,618,418

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, 1956 and 1957

Material	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Asphalt..... Imp. gal.	8,855,507	1,181,737	8,618,153	1,356,412
Asbestos..... lb.	6,160,710	128,486	6,601,978	137,784
Shipping containers and packing materials..... —	—	364,422	—	420,637
All other materials and process supplies..... —	—	3,067,477	—	3,324,913
Total	—	4,742,122	—	5,239,746

TABLE 5. Principal Statistics of the Miscellaneous Products of Petroleum and Coal Industry in Canada, Grouped According to Selling Value of Factory Shipments, 1956 and 1957

Establishments reporting factory shipments	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
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
1957					
Under \$10,000	1	8	18,705	31,126	56,879
\$10,000 to \$24,999	3				
\$50,000 to \$99,999	3				
\$100,000 to \$199,999	4	58	212,821	290,537	601,267
\$200,000 to \$499,999	3	32	95,868	446,794	779,779
\$500,000 to \$999,999	4	291	1,208,404	4,349,703	8,961,226
\$1,000,000 to \$4,999,999	2				
Head offices	—	3	36,977	—	—
Total	20	406	1,621,972	5,239,746	10,618,418

TABLE 6. Principal Statistics Classified According to Type of Ownership, 1956 and 1957

Type	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
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
1957					
Individual ownership	1	406	1,621,972	5,239,746	10,618,418
Incorporated companies	19				
Total	20	406	1,621,972	5,239,746	10,618,418

TABLE 7. Employees and their Earnings in the Miscellaneous Products of Petroleum and Coal Industry, 1956 and 1957

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1956	number					dollars		
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
1957								
Ontario	73	40	132	1	246	481,783	539,900	1,021,683
Other provinces	34	7	119	—	160	192,668	407,621	600,289
Canada	107	47	251	1	406	674,451	947,521	1,621,972

TABLE 8. Production Workers in the Miscellaneous Products of Petroleum and Coal Industry, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
	number					
January	197	3	200	194	1	195
February	196	3	199	194	1	195
March	212	3	215	222	1	223
April	242	3	245	237	1	238
May	281	3	284	274	1	275
June	309	3	312	310	1	311
July	309	3	312	282	1	283
August	309	3	312	277	1	278
September	298	3	301	270	1	271
October	287	3	290	277	1	278
November	244	3	247	271	1	272
December	215	3	218	200	1	201
Average	258	3	261	251	1	252

TABLE 9. Capital and Repair Expenditures in the Miscellaneous Products of Petroleum and Coal Industry, 1954 - 1957

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		
	thousands of dollars						
1954	6	135	141	14	145	159	300
1955	19	265	284	23	226	249	533
1956	477	282	759	34	211	245	1,004
1957	1,081	443	1,524	42	209	251	1,775

Note: Figures for the current year are preliminary.

TABLE 10. Fuel and Electricity Used in the Miscellaneous Products of Petroleum and Coal Industry, 1956 and 1957

	1956		1957	
	Quantity	Cost at works	Quantity	Cost at works
		\$		\$
Bituminous coal (a) From Canadian mines ton	540	7,447	377	5,659
(b) Imported "	347	4,560	624	8,263
Anthracite coal "	13	166	11	103
Lignite coal "	16	164	16	170
Coke "	294	7,066	540	6,476
Gasoline (including gasoline used in cars and trucks) Imp. gal.	85,859	33,858	100,998	39,430
Kerosene "	7,300	1,900	—	—
Fuel oil "	596,307	79,175	415,281	55,440
Gas (a) Liquefied petroleum gases "	675	233	600	200
(b) Natural gas M cu. ft.	33,200	39,864	48,168	39,431
Other fuel —	—	7,321	—	27,588
Electricity purchased kwh.	4,253,198	50,701	4,287,782	51,211
Total	—	232,455	—	233,971

List of Firms in the Miscellaneous Products of Petroleum and Coal Industry, 1957

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. Jérôme
Flintkote 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, Québec
Ontario:	
Canadian Bitumuls Company Limited	43 Industrial St., Leaside, Toronto 17
Flintkote 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
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
Elstro Asphalt Ltd.	Lloydminster
Flintkote Company of Canada Limited, The	Lloydminster

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