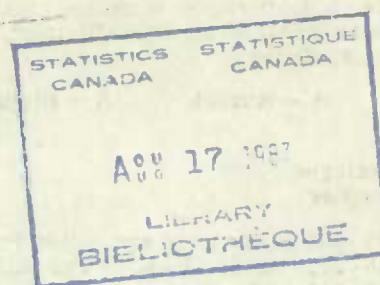


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THE RUBBER PRODUCTS INDUSTRY 1959



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Chemicals and Allied Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- p preliminary figures.
- r revised figures.

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1959 are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or

plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

THE RUBBER PRODUCTS INDUSTRY

1959

The downward trend in the Rubber Products Industry, first apparent in 1957 and continued in 1958, was reversed in 1959 when factory shipments with a total f.o.b. plant value of \$347,680,280 were reported, \$39,297,084 or 12.7 per cent above the comparable 1958 total of \$308,383,196. Furthermore, the combined increase of \$6,316,153 in both inventories of goods in process and of finished goods, placed the estimated value of production at \$353,996,433, this being \$45,566,255 or 14.8 per cent higher than the corresponding 1958 value of \$308,430,178. Employment, which stood at 19,943 in 1958, increased to 21,093; and salary and wage payments increased substantially from \$76,445,003 in 1958 to \$86,859,037 in the year under review, an increase of \$10,414,034 or 13.6 per cent. Materials used by the industry cost \$160,396,526 compared to \$128,572,616 the previous year, an increase of \$31,823,910 or 24.8 per cent: here, one of the main factors, in addition to the increased level of activity, was a sharp increase in the price of natural rubber.

In 1959, as in 1958, the industry consisted of 89 establishments of which 33 were in Quebec, 47 in Ontario, 2 in Manitoba, 2 in Alberta, and 5 in British Columbia. Ontario accounted for 82.2 per cent of the total factory shipments and for 72.5 per cent of the employment; Quebec for 17.6 per cent of the shipments and for 27.2 per cent of the number of employees.

Shipments of tires and tubes amounted to 52.6 per cent of this industry's total in 1959. Tires, which alone accounted for 49.6 per cent, numbered 9,408,141 and had a factory selling value of \$172,466,113, whereas in 1958 shipments of tires amounted to 8,414,657 valued at \$153,462,724. Tubes shipped during 1959 numbered 4,811,316 and were worth \$10,340,298 as against 1958 shipments

of 3,867,787 worth \$8,407,426. Footwear ranked second in importance as a separate commodity; and in 1959, the industry shipped 14,975,951 pairs with a total value of \$32,030,531 as opposed to the 13,314,736 pairs worth \$29,733,915 sold in 1958. The balance of the industry's output consisted of a large number of miscellaneous products such as rubber heels and soles, rubber belting and hose, medical and druggist's supplies, mechanical rubber goods, etc. Shipments of these increased from \$116,779,131 in 1958 to \$132,843,338 in 1959. Since the industry's shipments of both pressure-sensitive tape and of rubber tiles do not comprise the total Canadian production, these totals have been included in "all other products" in Table 7, and footnotes have been added giving the all-industry totals.

Rubber is, of course, the main material used by the industry. In line with the increased activity mentioned above, the total consumption of natural rubber by the industry in 1959 rose to 98,432,607 pounds from the 1958 figure of 82,989,885 pounds, and that of synthetic rubber to 122,061,537 pounds from the corresponding 1958 total of 99,653,493 pounds. Tables 16 to 19 of this report cover consumption of rubber by all industries, most of which is consumed by the industry under review. These tables show that the proportion of synthetic to all rubber used by all industries rose slightly from 47.4 per cent in 1958 to 48.1 per cent in 1959 as did that of natural rubber from 37.3 per cent to 37.6 over the same period: there was a corresponding drop in the consumption of reclaimed rubber from 15.3 per cent to 14.3 per cent.

Data on opening and closing inventories, by type, will be found in Table 14.

RUBBER PRODUCTS

TABLE 1. Principal Statistics, 1929 - 59

Year	Estab- lish- ments	Total em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Value of production
	number		dollars				
1929	44	17,796	20,134,501	1,456,575	42,940,747	52,537,338	96,934,660
1932	47	10,325	9,340,911	1,082,735	11,906,696	27,758,479	40,746,910
1934	51	11,079	10,853,687	1,192,427	18,439,498	35,598,456	55,230,381
1935	45	11,023	11,017,431	1,189,014	20,258,774	34,501,782	55,949,570
1937	50	13,035	14,041,066	1,339,517	31,126,755	41,797,481	74,263,753
1939	54	14,160	15,602,774	1,331,900	28,814,003	39,799,568	69,945,471
1941	56	17,191	22,792,376	1,708,717	59,340,321	58,038,733	119,137,776
1943	51	15,912	25,342,508	1,908,247	68,297,492	59,552,041	130,157,780
1945	55	23,490	39,111,477	4,076,109	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	3,821,287	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	2,700,102	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	2,888,534	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	2,902,328	73,895,718	101,705,513	178,503,559
1950	61	21,812	54,262,864	3,349,367	101,772,322	134,061,761	239,184,510
1951	67	23,054	64,357,696	3,541,859	146,951,650	161,184,980	311,678,489
1952	70	21,582	65,477,683	3,522,274	120,799,295	162,332,060	286,654,629
1953	72	22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459
1954	73	20,894	67,476,405	3,999,798	106,501,858	149,072,979	264,184,787 ¹
1955	82	21,913	73,774,964	4,173,111	137,074,770	187,029,017	322,412,379
1956	91	23,136	82,154,889	4,884,170	160,686,586	198,602,139	355,523,815
1957	88	22,179	83,189,520	4,961,524	144,246,768	176,456,204	326,091,209
1958							
Canada	89	19,943	76,445,003	5,029,413	128,572,616	174,828,149	308,383,196
Quebec	33	5,715	18,779,505	1,107,462	23,258,274	29,319,497	54,519,792
Ontario	46	14,167	57,433,010	3,898,352	105,101,144	145,191,493	253,309,301
Other provinces	10	61	232,488	22,579	212,598	317,159	554,103
1959							
Canada	89	21,093	86,859,037	5,420,412	160,396,526	188,179,495	347,680,280
Quebec	33	5,748	20,107,969	1,175,838	26,600,503	33,223,099	61,132,061
Ontario	47	15,285	66,490,900	4,220,635	133,613,414	154,596,027	285,983,867
Other provinces	9	60	260,168	23,939	182,609	360,369	564,352

¹ Since 1954 the value of factory shipments has been collected in place of the value of production.

Note: Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics grouped according to the Size of Establishments, 1958 and 1959

Establishments with factory shipments of	Estab- lish- ments	Total em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value of factory shipments
	number		dollars			
1958						
Under \$10,000	5	11	12,369	658	7,758	26,083
\$ 10,000 to \$ 24,999	6	18	34,477	2,076	32,753	97,889
25,000 " 49,999	9	32	96,956	11,179	161,367	328,512
50,000 " 99,999	4	34	112,057	4,713	137,155	322,666
100,000 " 199,999	6	76	288,143	11,962	493,454	888,793
200,000 " 499,999	18	563	1,826,214	127,997	2,912,502	6,326,528
500,000 " 999,999	8	496	1,435,902	120,945	2,827,300	5,348,048
1,000,000 " 4,999,999	16	4,485	14,440,753	973,446	16,464,020	44,646,398
5,000,000 and over	17	14,228	58,198,132	3,776,437	105,536,307	250,398,279
Totals	89	19,943	76,445,003	5,029,413	128,572,616	308,383,196
1959						
Under \$10,000	3	3	2,900	295	660	4,296
\$ 10,000 to \$ 24,999	9	25	71,800	3,000	45,970	139,884
25,000 " 49,999	5	21	51,584	1,618	103,900	196,323
50,000 " 99,999	4	25	87,030	4,502	98,610	272,547
100,000 " 199,999	9	124	415,085	17,211	713,931	1,500,071
200,000 " 499,999	15	483	1,670,549	106,389	1,988,380	5,647,500
500,000 " 999,999	10	557	1,677,748	124,658	3,510,653	6,807,899
1,000,000 " 4,999,999	15	3,462	11,575,234	858,830	16,469,051	39,764,258
5,000,000 and over	19	16,393	71,307,107	4,303,909	137,465,371	293,347,503
Totals	89	21,093	86,859,037	5,420,412	160,396,526	347,680,280

TABLE 3. Comparative Summary Production, 1933-59

Year	Selling value			
	Tires and tubes	Footwear	Other products	All products
	dollars			
1933	17,991,057	14,814,062	8,706,437	41,511,556
1934	27,144,824	17,231,906	10,853,651	55,230,381
1935	27,341,939	16,001,738	12,605,893	55,949,570
1936	29,134,845	19,273,181	13,646,782	62,054,808
1937	36,166,784	21,005,538	17,091,431	74,263,753
1938	28,786,804	17,683,697	14,560,209	61,030,710
1939	31,498,051	22,192,408	16,255,012	69,945,471
1940	41,559,732	19,528,586	21,932,403	83,020,721
1941	64,030,626	21,844,601	33,262,549	119,137,776
1942	66,831,055	19,858,565	35,541,782	122,231,402
1943	64,720,133	14,495,794	50,941,853	130,157,780
1944	70,521,791	17,717,137	81,272,108 ¹	169,511,036
1945	85,239,780	24,645,897	71,527,549 ¹	181,413,226
1946	73,616,630	26,223,520	59,567,963 ¹	159,408,113
1947	112,849,556	35,927,326	47,530,852	196,307,734
1948	107,135,865	36,607,817	50,368,252	194,111,934
1949	96,672,328	29,760,190	52,071,041	178,503,559
1950	135,896,026	33,614,612	69,673,872	239,184,510
1951	176,347,636	43,526,934	91,803,919	311,678,489
1952	154,630,106	39,108,674	92,915,849	286,654,629
1953	156,546,374	35,916,401	98,272,684	290,735,459
1954 ²	140,499,146	30,449,362	93,236,279	264,184,787
1955	172,460,104	36,322,350	113,629,925	322,412,379
1956	184,671,116	37,941,669	132,971,030	355,583,815
1957	166,579,422	32,856,620	126,655,266	326,091,308
1958	161,870,150	29,733,915	116,779,131	308,383,196
1959	182,806,411	32,030,531	132,843,338	347,680,280

¹ Synthetic rubber included in 1944, 1945 and 1946.² Value of factory shipments given since 1954.

TABLE 4. Footwear, 1958 and 1959

Kind	1958		1959	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	pairs	\$	pairs	\$
Boots, all rubber:				
(a) Knee, thigh and hip	1,113,131	3,721,157	1,047,141	3,591,726
(b) Lumbermen's, etc.	241,773	1,259,422	281,581	1,452,223
Boots, rubber bottoms and leather tops:				
Lumbermen's, etc.	114,206	708,973	177,287	1,068,415
Bottoms for leather tops	156,650	413,656	175,049	484,988
Overshoes and goloshes:				
(a) Cloth uppers	589,528	2,310,601	824,502	3,111,499
(b) All rubber, lined and unlined	2,837,915	8,876,809	3,233,830	8,888,515
Light and heavy rubbers	2,525,839	3,438,552	2,428,988	3,223,798
Bathing shoes	1	1	1	1
Utility footwear, with canvas or other fabric tops	2,159,631	3,796,596	1,955,617	3,616,108
Leather footwear	1	1	1	1
Plastic waterproof footwear, all types	2,551,202	2,757,422	2,844,519	3,256,866
Other footwear	1,024,861	2,450,727	2,007,437	3,336,393
Total footwear	13,314,736	29,733,915	14,975,951	32,030,531

¹ Included in "Other footwear".

TABLE 5. Factory Shipments of Tires, by Types, Quantities and Value, 1958 and 1959

	First line	Second line	Third line	Total	Total selling value at factory
	number				\$
1958					
Pneumatic tires (including tubeless):					
Passenger car:					
(a) 4 ply rating	4,745,637	1,186,295	689,138	6,621,070	89,368,247
(b) 6 ply rating	146,790	—	—	146,790	2,476,641
Truck and bus (including earth-mover, excavator, logger and grader):					
(a) Sizes smaller than 12.00-22	750,364	59,596	—	809,960	46,423,725
(b) Sizes 12.00-22 and larger	19,061	—	—	19,061	5,178,341
Aeroplane	13,389	—	—	13,389	573,583
Tractor and implement	266,746	26,877	—	293,623	8,392,216
Industrial, pneumatic and semi-pneumatic (including wheelbarrow)	1	—	—	1	1
Motorcycle and sidecar	1	—	—	1	1
Bicycle	1	1	—	1	1
Pneumatic tires, n.e.s.	237,950	189,366	—	427,316	791,761
Solid and cushion tires:					
All types: (including lawn mower, wheelbarrow, pressed-on and moulded-on)	83,448	—	—	83,448	258,210
Total tires	6,263,385	1,462,134	689,138	8,414,657	153,462,724
1959					
Pneumatic tires (including tubeless):					
Passenger car:					
(a) 4 ply rating	4,866,235	1,789,117	880,582	7,535,934	97,134,834
(b) 6 ply rating					
Truck and bus (including earth-mover, excavator, logger and grader):					
(a) Sizes smaller than 12.00-22	946,196	77,221	—	1,023,417	58,945,556
(b) Sizes 12.00-22 and larger	18,137	—	—	18,137	4,570,590
Aeroplane	1	—	—	1	1
Tractor and implement	1	1	—	1	1
Industrial, pneumatic and semi-pneumatic (including wheelbarrow)	55,520	—	—	55,520	415,234
Motorcycle and sidecar	1	—	—	1	1
Bicycle	1	1	—	1	1
Pneumatic tires, n.e.s.	546,092	191,017	—	737,109	11,091,568
Solid and cushion tires:					
All types: (including lawn mower, wheelbarrow, pressed-on and moulded-on)	38,024	—	—	38,024	308,331
Total tires	6,470,204	2,057,355	880,582	9,408,141	172,466,113

¹ Included with "Pneumatic tires n.e.s." as figures are confidential.

TABLE 6. Factory Shipments of Tubes by Types, Quantities and Values, 1958 and 1959

	First line	Second line	Third line	Total	Total selling value at factory
1958	number				\$
Passenger car	1,982,543	629,916	—	2,612,459	4,604,599
Truck and bus:					
(a) Sizes smaller than 12.00-22	577,828	—	—	577,828	2,491,113
(b) Sizes 12.00-22 and larger	8,084	—	—	8,084	247,384
Aeroplane	2,181	—	—	2,181	20,790
Tractor and implement	237,882	—	—	237,882	752,066
Motorcycle and sidecar	5,490	—	—	5,490	11,479
Bicycle	1	1	—	1	1
Tire tubes, n.e.s.	411,918	11,945	—	423,863	279,995
Total tubes	3,225,926	641,861	—	3,867,787	8,407,426

¹ Included with "Tire tubes, n.e.s." as figures are confidential.

TABLE 6. Factory Shipments of Tubes by Types, Quantities and Values, 1958 and 1959 - Concluded

	First line	Second line	Third line	Total	Total selling value at factory
	number				\$
1959					
Passenger car	2,436,635	826,214	-	3,262,849	5,534,445
Truck and bus:					
(a) Sizes smaller than 12.00-22	772,595	-	-	772,595	3,265,681
(b) Sizes 12.00-22 and larger	13,364	-	-	13,364	305,443
Aeroplane	1	-	-	1	1
Tractor and implement	1	-	-	1	1
Motorcycle and sidecar	1	-	-	1	1
Bicycle	1	1	-	1	1
Tire tubes, n.e.s.	600,758	161,750	-	762,508	1,234,729
Total tubes	3,823,352	987,964	-	4,811,316	10,340,298

¹ Included with "Tire tubes, n.e.s." as figures are confidential.

TABLE 7. Other Products, 1958 and 1959

		1958		1959	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Clothing (rubber, rubberized, plastic, etc.)	doz.	108,509	2,289,426	110,749	2,087,958
Fabrics (rubberized, plastic-coated, etc.)	sq. yd.	641,205	330,260	5,486,768	3,924,928
Artificial and imitation leather		2,335,848	1,913,323	1	1
Rubber and composition soles (full and taps)	pr.	7,649,340	2,571,598	6,860,183	2,369,864
Rubber and composition heels	"	15,951,433	2,023,403	15,251,376	1,958,988
Rubber and composition soling and toplifting sheets	lb.	12,231,916	4,276,181	13,814,081	4,435,926
Belts and belting:					
Conveyor	"	4,853,549	4,565,400	5,729,448	5,332,998
Transmission, flat type	"	1,098,634	1,513,413	1,157,428	1,509,964
" V-type, automotive fan belts	No.	1,738,158	1,252,719	2,512,363	1,953,830
" V-type, fractional h.p. belts	"	1,480,098	962,842	1,774,722	1,124,137
" V-type, other	lb.	773,667	1,926,810	1,054,791	2,297,365
Rubber belts and belting, other	"	787,508	980,804	638,673	842,845
Hose and tubing:					
Garden hose, rubber	ft.	8,030,088	976,213	16,995,216	1,564,138
" plastic	"	6,630,255	347,736		
Fire hose, all kinds	lb.	415,394	622,343	297,598	507,131
Water hose, other	"	1,228,747	1,067,305	1,241,037	1,158,750
Oil and gasoline hose	"	589,959	709,901	944,244	1,100,260
Rubber hose, other	"	7,480,440	6,719,952	7,571,880	6,946,643
Rubber tubing	"	350,855	394,344	403,388	346,513
Plastic pipe, hose and tubing, n.e.s.	"	452,313	422,603	360,351	378,252
Other extruded plastic products, n.e.s.	"	915,433	720,190	1,414,529	1,030,187
Rubber packing, all kinds	"	1,869,381	1,088,726	1,901,669	1,056,492
Rubber supplies, such as washers, gaskets, etc.		-	2,506,911	-	2,722,799
Rubber thread, covered and not covered	lb.	710,531	1,243,140	761,876	1,328,727
Rubber, hard, in sheets, strips and rods	"	94,725	49,484	1	1
Rubber and friction tape	"	1,474,852	1,136,013	3,057,508	1,997,888
Pressure sensitive tape, including cellulose ¹		1	1	1	1
Rubber covered rolls, wringer, etc.	No.	387,818	941,153	391,191	1,123,387
Rubber roll covering	lb.	534,341	1,330,858	529,963	1,276,212
Rubber coverings and linings, for tanks, pipes, etc.	"	1,278,395	2,236,029	1,783,044	1,745,838
Rubber floor mats, matting, stair treads, etc.	"	2,761,997	1,025,967	4,496,925	1,621,324
Rubber mats for automobiles	No.	622,393	2,312,620	635,137	2,413,473
Link mats for doors, etc.	sq. ft.	130,800	140,558	337,600	329,151
Rubber sheet flooring and wainscoting	lb.	961,136	271,751	1	1
Rubber tiles ¹		1	1	1	1

See footnotes at end of table.

TABLE 7. Other Products, 1958 and 1959 - Concluded

		1958		1959	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Rubber tires and tiring, for baby carriages, etc.	lb.	971,665	185,455	1,114,773	220,467
Repair gums and fabrics	"	479,838	506,469	601,659	682,720
Other unvulcanized gums	"	1,073,070	460,575	380,984	328,474
Camelback	"	19,059,026	6,351,020	20,440,214	7,750,215
Cured rubber, in slabs	"	379,365	411,707	467,256	446,462
Cements and adhesives	gal.	798,143	2,313,989	959,814	2,784,313
Tire and tube repair materials (patches, etc.)	No.	4,603,246 ¹	1,456,402	4,033,439	1,167,272
Tube repair kits	"	847,864	334,045	865,803	340,518
Tire flaps	"	245,239	468,650	65,397	129,119
Rubber blankets, printers', etc.	lb.	183,100	221,564	325,623	318,483
Battery containers	"	—	2,550,876	—	3,288,562
Battery covers, vents, etc.	"	—	—	—	—
Channel rubber	lb.	482,272	248,060	592,395	249,743
Rubber automotive and aeroplane parts, n.e.s.	"	6,638,996	3,977,470	9,969,530	5,409,437
Druggists' and medical sundries:					
Hot water bottles	doz.	—	539,253	—	494,829
Fountain syringes	"				
Bulb syringes and bulbs	"				
Combination attachment sets	"				
Nipples and soothers	"				
Ice caps and collars, etc.	"				
Rubber, rubberized and plastic-coated sheeting	sq. yd.	5,865	87,412	8,998	128,087
Sheets, rubber	doz.				
Gloves, rubber, plastic, rubberized and plastic coated fabric	doz. pr.				
Air cushions, invalid rings, etc.	"				
All other (trusses and pads, finger cots, etc.)	"				
Rubber jar rings	lb.	787,469	533,175	1	1
Weatherstripping, all kinds	"	3,412,579	939,306	3,860,328	999,939
Aprons, rubber, rubberized and plastic	doz.	25,375	134,404	36,310	161,959
Baby pants, rubber, oiled silk, plastic, etc.	"	1	1	1	1
Sanitary goods, n.e.s.	doz.	428,909	129,859	1	1
Bathing caps, shower caps, etc.	"	21,302	110,350	1	1
Rubber play balls, including bladders for footballs	"	295,904	663,259	1	1
Rubber toys and novelties (including dolls)	"	64,627	233,700	47,356	92,834
Hockey pucks	"	62,232	84,711	1	1
Balloons (toy and meteorological)	gross	297,946	627,644	244,904	609,527
Curtains and drapes (rubber and plastic)	"	1	1	1	1
Table covers (rubber and plastic)	doz.	18,738	137,525	1	1
Extruded rubber goods, n.e.s.	lb.	1,425,660	630,872	1,569,945	705,921
Moulded rubber goods, n.e.s.	"	3,568,927	2,107,936	3,757,298	2,057,245
Moulded plastics, n.e.s.	"	1,183,366	615,807	1,333,688	1,028,809
Other plastic products, n.e.s. (bags, covers, synthetic resin film, tiles, toys, folding doors, etc.)	"	—	4,196,082	—	5,152,915
Sponge and hard rubber mats, pads, cushions, etc.	lb.	289,135	113,379	780,567	329,714
Foamed latex and chemically blown rubber	"	8,035,950	7,146,542	9,102,097	7,791,517
Rug underlay or cushioning	"	9,820,798	2,722,858	1	1
Sponge rubber goods, n.e.s.	"	428,364	193,271	1	1
Latex compounds (natural and synthetic)	"	4,763,155	2,081,241	7,731,797	2,711,916
Fuel cells, for aircraft, etc.	"	1	1	1	1
All other products (including reclaimed rubber, stationery goods, etc.)	"	—	20,796,219	—	29,276,483
Amount received for contract work	"	...	486,763	...	637,319
Total value of other products		...	116,779,131	...	132,843,338

¹ Included in "All other products."² In 1959 the value of factory shipments of pressure-sensitive tape, in all industries, was \$10,157,686.³ In 1959 the factory shipments of rubber tiles, in all industries, were 6,645,997 sq. ft. valued at \$2,034,125.

Note: Figures given above are not necessarily complete, as some items may appear as major or secondary products in other industries. For Canada totals reference should be made to the annual report on "General Review of the Manufacturing Industries of Canada".

TABLE 8. Materials Used by Quantity and Cost Value, 1958 and 1959

		1958		1959	
		Quantity	Cost value at factory	Quantity	Cost value at factory
			\$		\$
Rubber, natural ¹	lb.	82,989,885	21,881,250	98,432,607	31,211,216
Rubber, reclaimed ¹	"	33,380,478	3,691,083	36,967,256	4,017,717
Rubber, synthetic ¹	"	99,653,493	23,451,696	122,061,537	28,651,560
Rubber, scrap	"	22,071,314	428,215	16,711,229	521,306
Crude allied gums	"	111,440	79,760	23,912	64,892
Latex compounds	"	489,785	177,462	696,790	259,059
Rubber, other (including master batches, camelback, tubing, etc.)		—	734,606	—	380,218
Plastics, synthetic resins	lb.	10,391,058	2,653,206	12,286,535	3,081,760
Plastics, other	"	1,073,524	732,246	1,511,325	1,042,986
Tire fabrics, cotton	"	2,260,297	1,640,621	2,070,807	1,528,858
" " rayon	"	19,778,580	15,519,866	24,712,112	20,251,371
Tire fabrics, all other (nylon, etc.)	"	5,643,688	9,166,505	6,783,304	10,211,710
Hose fabrics	"	658,526	505,234	733,838	614,618
Belting duck	"	2,188,465	1,705,148	2,632,644	1,924,271
Shoe fabrics, other than leather	"	489,750	372,736	462,722	351,811
Miscellaneous cottons	yd.	8,219,413	2,911,207	9,582,487	2,766,007
Other fabrics, n.e.s.	"	5,750,346	3,126,162	6,320,434	3,226,145
Yarns, cotton	lb.	270,824	289,386	350,535	346,055
" rayon, nylon, etc.	"	797,088	741,555	1,176,305	1,070,917
Felt		2	2	2	2
Jutex		2	2	2	2
Fur	yd.	2	2	475,420	118,308
Mouton shearling		2	2	2	2
Leather	lb.	207,411	266,394	470,807	519,242
Leather tops for boots		2	2	2	2
Carbon black	lb.	65,173,439	5,788,041	79,572,465	7,118,590
China clay	"	15,418,907	258,956	16,260,933	276,081
Other clays and earths	"	10,490,563	185,984	12,363,361	251,535
Mica, ground	"	634,021	63,180	609,155	60,171
Solvents	gal.	2,444,563	914,640	4,194,113	1,354,616
Sulphur	lb.	4,847,390	306,261	5,735,985	411,381
Whiting	"	19,578,227	235,694	21,133,448	277,201
Litharge	"	43,334	7,771	94,491	30,234
Zinc oxide	"	8,580,391	1,108,162	10,491,184	1,405,097
Talc and soapstone	"	3,758,360	77,832	5,003,785	109,424
Barytes	"	774,820	28,430	730,845	30,023
Titanium dioxide	"	1,542,813	387,137	1,741,635	437,118
Accelerators, n.e.s.	"	2,667,867	1,442,337	2,789,415	1,578,085
Coloring agents, n.e.s.	"	1,841,744	628,816	2,099,400	744,808
Plasticizers, n.e.s.	"	16,368,815	2,010,939	16,277,966	2,187,679
Anti-oxidants, n.e.s.	"	2,741,109	1,539,785	3,885,146	1,892,719
Fillers, n.e.s.	"	12,559,031	567,689	16,623,165	999,667
Other chemicals, n.e.s.	"	14,330,722	2,879,014	11,980,271	3,958,474
Wire	"	7,639,686	1,747,923	9,963,886	2,400,061
Hardware fittings (hose couplings, cocks, etc.)		—	1,668,432	—	1,849,240
Shoe findings		—	1,113,931	—	1,251,727
Lacquers, etc. (dispersions of resins)	gal.	283,396	177,643	260,290	279,347
Rubber cement	"	68,471	102,116	89,254	115,453
Paints, varnishes, etc.	"	35,255	89,617	35,304	67,594
Thread for sewing		—	—	—	—
Hose jackets		—	196,700	—	120,372
Containers and packaging material		—	3,676,766	—	4,102,814
All other materials and supplies		—	5,105,688	—	7,616,400 ³
Operating, maintenance and repair supplies		—	5,825,667	—	6,983,989
Amount paid out for contract work .....		...	363,127	...	326,599
Total cost of materials used .....		...	128,572,616	...	160,396,526

¹ For details of "Rubber used" see Tables 16, 16A, 17, 18 and 19.² Included in "All other materials".³ No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$100,000. The total estimated value of materials used by these firms was \$399,780, and this amount has been included in "All other materials and supplies."

TABLE 9. Imports of Rubber and Rubber Goods, 1958 and 1959

Articles imported		1958		1959	
		Quantity	Value	Quantity	Value
			\$		\$
Balata and gutta-percha, crude	lb.	24,518	53,949	—	—
Natural rubber, crude	"	75,776,107	16,523,272	94,637,041	27,474,095
Natural rubber, latex	"	8,316,960	2,784,392	8,266,136	3,038,686
Synthetic rubber, latex	"	5,396,395	1,943,430	8,542,565	2,971,758
Synthetic rubber, crude, and other rubber substitutes	"	20,945,400	5,813,235	59,907,732	14,328,335
Rubber, hard, in sheets, strips, rods or tubes	"	29,616	26,696	28,803	59,432
Rubber, powdered, and rubber waste	"	4,847,400	325,641	8,273,100	333,723
Rubber, recovered	"	21,541,900	2,226,224	26,790,900	2,751,211
Rubber, thread, not covered	"	325,997	491,398	353,948	505,972
Canvas shoes with rubber soles	pr.	3,289,352	1,533,207	4,534,555	2,101,436
Boots and shoes, rubber, n.o.p.	"	1,683,823	1,877,402	3,586,042	3,676,922
Tires, bicycle and motorcycle	No.	550,115	389,791	749,990	481,921
Tires, bicycle, inner tubes	"	488,584	141,324	790,550	218,299
Tires, tractor and implement	"	58,372	2,002,235	49,678	1,880,454
Tire casings, n.o.p.	"	158,448	5,890,578	204,866	7,201,584
Tires, inner tubes, n.o.p.	"	126,542	287,523	117,912	317,696
Tires, solid rubber, for automobiles and trucks	"	2,101	49,679	2,026	47,706
Tires, solid rubber, n.o.p.	"	—	354,432	—	514,727
Golf balls	doz.	131,443	442,212	128,355	462,636
Heels, rubber	pr.	1,652,104	188,704	1,587,741	170,966
Soles and soling materials of rubber	"	—	592,510	—	564,650
Hose, rubber and rubber lined	"	—	2,330,559	—	2,446,274
Belting, rubber, n.o.p.	"	—	463,252	—	564,548
Conveyor belting, rubber	"	—	438,229	—	451,468
V-belts, chiefly of rubber	"	—	831,364	—	828,965
Cement, rubber	"	—	838,475	—	881,880
Raincoats of rubber	No.	234	1,921	647	5,736
Raincoats of water-proofed cotton	"	100,774	526,468	188,874	872,542
Clothing, rubber or water-proofed, n.o.p.	"	—	947,151	—	1,924,847
Gloves, rubber	doz. pr.	110,656	495,940	126,907	560,625
Hot water bottles, rubber	"	—	83,630	—	75,902
Mats and matting, rubber	"	—	1,460,241	—	1,601,058
Flooring and tile of rubber	sq. yd.	178,350	306,523	278,257	476,041
Packing, rubber	"	—	369,366	—	317,726
Sealing compounds, liquid or paste	"	—	171,990	—	204,666
Gaskets and washers, rubber	"	—	1,263,132	—	1,617,293
Automotive parts of rubber, n.o.p.	"	—	1,914,993	—	1,977,327
Druggists' sundries, rubber	"	—	1,097,394	—	1,043,732
Tire repair material of rubber	"	—	744,508	—	871,955
Nursing nipples, rubber	gross	14,075	122,302	9,122	101,512
Weatherstripping of rubber	"	—	1,001,435	—	938,455
Manufactures of rubber and gutta-percha, n.o.p.	"	—	5,546,419	—	6,246,071

TABLE 10. Exports of Rubber and Rubber Goods, 1958 and 1959

Articles exported		1958		1959	
		Quantity	Value	Quantity	Value
			\$		\$
Camelback	lb.	231,800	77,622	350,900	115,364
Heels of rubber	pr.	12,227	2,642	37,722	8,492
Soles of rubber	"	17,392	10,620	40,026	26,232
Waste rubber	cwt.	189,074	253,870	240,994	347,994
Fan belts of rubber	"	—	21,082	—	121,168
Belting of rubber, n.o.p.	lb.	387,683	278,369	308,715	216,359
Hose of rubber	"	—	76,247	—	227,256
Canvas shoes with rubber soles	pr.	5,699	10,695	3,339	7,530
Boots and shoes of rubber, n.o.p.	"	66,419	188,951	138,935	228,348
Clothing, rubber and water-proofed	"	—	181,858	—	218,906
Pneumatic tires for passenger automobiles	No.	109,826	1,359,452	241,777	2,690,855
Pneumatic tires for trucks, buses, etc.	"	64,679	3,396,240	76,248	4,006,128
Pneumatic tires for tractors	"	21,337	777,007	35,892	1,204,898
Tires for other vehicles, n.o.p.	"	2,438	20,579	7,315	60,658
Inner tubes	"	75,928	250,634	211,565	550,470
Manufactures of rubber, n.o.p.	"	—	972,765	—	1,537,178

TABLE 11. Employees and their Earnings, by Provinces, 1958 and 1959

	Supervisory and office employees			Production workers (monthly averages)			Total employees and total earnings		
	Male	Female	Salaries	Male	Female	Wages	Male	Female	Salaries and wages
	number		\$	number		\$	number		\$
1958									
Canada	3,704	1,492	24,310,958	11,726	3,021	52,134,045	15,430	4,513	76,445,003
Quebec	923	355	6,001,006	3,093	1,344	12,768,499	4,016	1,699	18,779,505
Ontario	2,771	1,126	18,210,897	8,600	1,670	39,222,113	11,371	2,796	57,433,010
Other provinces	10	11	89,055	33	7	143,433	43	18	232,488
1959									
Canada	3,810	1,532	26,450,174	12,550	3,201	60,408,863	16,360	4,733	86,859,037
Quebec	896	381	6,324,241	3,108	1,363	13,783,728	4,004	1,744	20,107,969
Ontario	2,903	1,144	20,029,753	9,409	1,829	46,461,147	12,312	2,973	66,490,900
Other provinces	11	7	96,180	33	9	163,988	44	16	260,168

TABLE 12. Production Workers by Months, 1959

	Establishments reporting monthly detail ¹		Establishments reporting quarterly detail ²	
	Male	Female	Male	Female
January	11,717	2,746		
February	11,867	2,816		
March	11,941	2,781	307	185
April	11,930	2,822		
May	12,104	3,038		
June	12,460	3,103	314	186
July	12,474	3,063		
August	12,548	3,202		
September	12,734	3,299	323	182
October	12,588	3,268		
November	12,136	3,038		
December	11,819	2,837	308	171
Average for establishments reporting monthly detail			12,197	3,001
Average for establishments reporting quarterly detail			310	178
Average estimated for small establishments ³			43	22
Average for all establishments			12,550	3,201

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

² The number of production workers, by quarters, was collected only for establishments generally reporting value of shipments between \$100,000 and \$500,000.

³ For establishments generally reporting value of shipments of less than \$100,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 13. Fuel and Electricity, 1959

Kind	Quantity	Cost at plant
		\$
Establishments reporting commodity detail: ¹		
Bituminous coal (a) From canadian mines	ton 8,575	110,273
(b) Imported	" 162,525	1,712,622
Coke	" 4,972	99,438
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 289,653	101,273
Fuel oil including kerosene or coal oil	" 3,254,187	384,681
Gas (a) Liquefied petroleum gases	" 12,303	3,198
(b) Other manufactured gas	M cu. ft. 16,089	5,691
(c) Natural gas	" 42,064	59,357
Other fuel	—	—
Electricity purchased	kwh. 348,834,498	2,654,886
Steam purchased	pound 121,028,820	153,825
Establishments reporting group detail: ²		
Cost of fuel .....	...	67,929
Cost of electricity .....	..	54,779
Estimate for establishments for which no data were collected: ³		
Cost of fuel and electricity .....	...	12,460
All establishments:		
Total cost of fuel and electricity .....	...	5,420,412

¹ Establishments generally reporting value of shipments of \$500,000 and over.² Establishments generally reporting value of shipments between \$100,000 and \$500,000.³ Establishments generally reporting value of shipments of less than \$100,000.

TABLE 14. Inventories, 1959

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total value ¹
	dollars			
Opening inventory: ²				
Quebec	3,452,839	1,213,956	5,829,740	10,496,535
Ontario	11,707,331	6,456,499	24,900,529	43,064,359
Other provinces	37,428	4,480	2,104	44,012
Canada	15,197,598	7,674,935	30,732,373	53,604,906
Closing inventory:				
Quebec	3,961,311	1,120,452	5,790,623	10,872,386
Ontario	15,217,123	6,972,211	30,831,026	53,020,360
Other provinces	47,630	3,950	5,199	56,779
Canada	19,226,064	8,096,613	36,626,848	63,949,525

¹ Book value of all manufacturing inventories held at plants and plant warehouses.² The opening inventory for 1959 differs from the closing inventory published for 1958 because of receipt of revised data, new firms and the removal of figures for firms which did not operate during 1959.

TABLE 15. Capital and Repair Expenditures in The Rubber Products Industry, 1948 - 59

	Capital expenditures			Repair expenditures			Capital and Repair expenditures		
	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Total
	thousands of dollars								
1948	1,547	5,684	7,231	896	4,638	5,534	2,443	10,322	12,765
1949	1,656	4,604	6,260	626	4,401	5,027	2,282	9,005	11,287
1950	635	4,067	4,702	707	4,593	5,300	1,342	8,660	10,002
1951	1,998	5,886	7,884	854	5,515	6,369	2,852	11,401	14,253
1952	2,747	7,347	10,094	893	6,005	6,898	3,640	13,352	16,992
1953	4,087	11,131	15,218	1,305	6,044	7,349	5,392	17,175	22,567
1954	4,649	11,121	15,770	1,024	5,885	6,909	5,673	17,006	22,679
1955	3,030	12,107	15,137	848	6,771	7,619	3,878	18,878	22,756
1956	2,880	10,988	13,868	1,124	7,388	8,512	4,004	18,376	22,380
1957	6,024	10,833	16,907	1,062	7,846	8,908	7,086	18,729	25,815
1958	2,000	6,413	8,413	1,009	7,455	8,464	3,009	13,868	16,877
1959 ^P	4,017	8,871	12,888	1,043	7,893	8,936	5,060	16,764	21,824

The statistics contained in the body of this report are compiled from returns submitted annually by firms whose principal operations necessitate that they be classified under the Rubber Industry. However, there are other firms using rubber, most notably those engaged in Wire and Cable manufacturing, whose operations are outside the scope of the Rubber Industry. In order that there may be available a total picture of rubber as a Commodity a monthly survey is maintained, in which all firms using rubber at the raw level are included. This survey

results in statistics on the total consumption of rubber, by types, and by broad end product use groups, and data of this nature compiled from monthly returns are presented in the special supplementary tables following this text.

For a historical series, covering rubber as a commodity, and showing the month to month figures for 1960, reference should be made to the "Monthly Report on Consumption, Production and Inventories of Rubber."

TABLE 16. Consumption of Synthetic Rubber, by Types and by Months, 1959

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds						
January	8,014,209	463,537	775,771	483,749	86,451	17,860	9,841,577
February	9,452,842	570,459	933,602	522,620	92,025	16,418	11,587,966
March	8,931,011	609,949	942,581	510,247	104,062	22,346	11,120,196
April	9,216,816	619,852	877,847	573,833	86,061	16,236	11,390,645
May	8,628,870	560,831	839,532	552,003	102,160	16,578	10,699,974
June	10,022,010	599,792	994,576	663,375	125,800	24,841	12,430,394
July	8,170,864	383,208	913,379	391,301	90,860	20,122	9,969,734
August	5,861,154	474,725	732,603	503,985	96,621	13,093	7,682,181
September	8,716,392	573,786	1,008,766	626,215	162,758	17,292	11,105,209
October	8,325,597	656,274	958,672	691,605	139,811	15,345	10,787,304
November	8,686,611	609,600	1,013,354	567,272	133,002	17,416	11,027,255
December	8,211,575	685,960	934,588	558,076	105,511	17,037	10,512,747
Totals	102,237,951	6,807,973	10,925,271	6,644,281	1,325,122	214,584	128,155,182

TABLE 16 A. Consumption of Synthetic Rubber, in Total, by End Products, and by Months, showing also Percentage of Synthetic to All Rubber Consumed, 1959

	Synthetic		Consumed in the manufacture of			
	Total	Percentage of all rubber	Tires and tubes ¹	Wire and cable	Foot-wear ²	Other products
	000's lbs.	%	000's lbs.			
January	9,842	48.1	6,799	525	957	1,561
February	11,588	49.9	8,144	471	1,200	1,773
March	11,120	49.0	7,807	454	1,023	1,836
April	11,391	48.9	7,842	524	913	2,112
May	10,700	47.3	7,494	518	863	1,825
June	12,429	48.4	8,859	572	1,004	1,994
July	9,969	48.4	7,595	309	630	1,435
August	7,682	47.2	4,537	572	974	1,599
September	11,105	46.0	7,625	614	963	1,903
October	10,787	47.6	6,827	737	988	2,235
November	11,027	47.0	7,784	597	853	1,793
December	10,515	51.0	7,116	667	790	1,942
Totals	128,155	48.1	88,429	6,560	11,158	22,008

¹ Includes "tire repair material".

² Includes "heels, soles, etc.".

TABLE 17. Consumption of Natural Rubber in Total, by End Products, and by Months, showing also Percentage of Natural to All Rubber Consumed, 1959

	Natural		Consumed in the manufacture of			
	Total	Percentage of all rubber	Tires and tubes ¹	Wire and cable	Foot-wear ²	Other products
	000's lbs.	%	000's lbs.			
January	7,484	36.6	5,259	59	549	1,617
February	9,301	35.7	6,648	60	646	1,947
March	8,000	35.2	5,314	60	614	2,012
April	8,364	35.9	5,762	54	642	1,906
May	8,381	37.1	5,903	29	635	1,814
June	9,417	36.7	6,807	32	626	1,952
July	7,930	38.5	6,076	26	372	1,456
August	6,628	40.7	4,441	48	666	1,473
September	9,561	40.0	7,291	62	645	1,563
October	8,668	38.2	6,483	56	637	1,492
November	9,283	39.6	6,927	67	656	1,633
December	7,151	34.7	5,145	68	443	1,495
Totals	100,168	37.6	72,056	621	7,131	20,360

TABLE 18. Consumption of Reclaimed Rubber in Total, by End Products, and by Months, showing also Percentage of Reclaimed to All Rubber Consumed, 1959

	Reclaimed		Consumed in the manufacture of			
	Total	Percentage of all rubber	Tires and tubes ¹	Wire and cable	Foot-Wear ²	Other products
	000's lbs.	%	000's lbs.			
January	3, 118	15. 3	2, 015	3	249	851
February	3, 334	14. 4	2, 288	3	266	777
March	3, 587	15. 8	2, 377	—	271	939
April	3, 527	15. 2	2, 356	2	250	919
May	3, 521	15. 6	2, 382	1	197	941
June	3, 803	14. 8	2, 636	1	261	905
July	2, 688	13. 1	2, 053	—	156	479
August	1, 981	12. 1	1, 228	1	237	515
September	3, 367	14. 0	2, 249	1	267	850
October	3, 224	14. 2	2, 093	1	246	884
November	3, 140	13. 4	2, 210	1	222	707
December	2, 961	14. 3	1, 985	3	110	863
Totals	38, 251	14. 3	25, 872	17	2, 732	9, 630

¹ Includes "tire repair materials".² Includes "heels, soles, etc."

TABLE 19. Consumption of All Rubber, by Main Types and by End Products Classification, 1959

End products	Natural	Synthetic	Reclaimed	Total all rubber
	000's pounds			
Tires, tubes and tire repair materials	72, 056	88, 429	25, 872	186, 357
Wire and cable	621	6, 560	17	7, 198
Footwear (including heels, soles, etc.)	7, 131	11, 158	2, 732	21, 021
Other products	20, 360	22, 008	9, 630	51, 998
Totals	100, 168	128, 155	38, 251	266, 574

List of Manufacturers of Rubber Products Reporting in 1959

Index to Products: (1) Footwear (2) Tires (3) Other Products

Name of company	Address	Products
Quebec:		
The Acton Rubber Ltd.	Acton Vale	(1)
American Bilrite Rubber Co. (Canada) Ltd.	255 Jenckes Lane, Sherbrooke	(3)
American Winger Company (Division of Gutta Percha & Rubber Limited)	Farnham	(3)
Best Rubber Carpets Reg'd	1583, rue Iberville, Montreal	(3)
M. Bloomfield & Sons, Ltd.	7230 Alexandra St., Montreal	(3)
The British Rubber Company Limited	455 - 19th Ave., Lachine	(1) (2) (3)
Canadian Lastex Ltd.	1665 Notre Dame St., E., Montreal	(3)
Canadian Technical Tape Limited	455 Côte Vertu Road, St. Laurent	(3)
Cat's Paw Holtite Rubber Co. of Canada Ltd.	Drummondville	(3)
Rémi Carrier, Inc.	70, Blvd. Henri Bourrassa, Charlesbourg	(3)
Dominion Rubber Co. Ltd.	St. Jerome	(1)

List of Manufacturers of Rubber Products Reporting in 1959 - Continued

Name of company	Address	Products
Quebec - Concluded:		
Dominion Rubber Co. Ltd.	1806 Notre Dame St. E., Montreal	(3)
Dominion Rubber Co. Ltd. (Latex and Reclaim Division)	1840 Notre Dame St. E., Montreal	(3)
Durie & Miller of Canada Ltd.	977 Aqueduct St., Montreal	(3)
Foam & Plastics Industries	5707 Papineau Ave., Montreal	(3)
General Latex and Chemicals (Canada) Ltd.	425 River St., Verdun	(3)
B.F. Goodrich Sponge Products Canada Ltd.	Waterville	(3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	1195 Taillon St., Quebec	(2) (3)
Jiffy Products Inc.	445 St. Peter St., Montreal	(3)
Lion Rubber & Plastics Ltd.	0140 Clement St., Ville Lasalle	(3)
The Miner Rubber Co. Ltd.	191 Denison Ave., Granby	(1) (3)
National Latex Products Ltd.	Rear 824 Ste Croix Blvd., St. Laurent	(3)
Olympic Fibre Industries, Reg'd.	10901 Dupont St., Montreal	(3)
Peelcoat Industries Reg'd.	201 Laval St., Granby	(3)
Precision Rubber Products (Canada) Ltd.	156 Turgeon St., Ste. Thérèse	(3)
Rockland Accessories Limited	Kingsbury	(3)
The Rubber Guild	2444 Centre St., Montreal	(3)
Steba Manufacturing Company Ltd.	St. Rémi	(1)
Stedfast Rubber Co. (Canada) Ltd.	Granby	(3)
Laval Tanguay, Inc.	395 - 10th Ave. S., Sherbrooke	(3)
Tillotson Rubber Co. Ltd.	260 St. Michel St., St. Johns	(3)
Wilkinson Linatex Co. Ltd.	1975 Bois Franc Road, St. Laurent	(3)
F.E. Woodward & Son Limited	290 - 17th Ave., Lachine	(3)
Ontario:		
Adhesive Tapes Canada Ltd.	10 Esandar Drive, Toronto	(3)
Armet Industries Limited (Silicone Division)	145 Surrey St. E., Guelph	(3)
Bata Shoe Co. of Canada, Ltd.	Batawa	(1) (3)
Bilrite Tire Co. Ltd.	121 De Grassi St., Toronto	(3)
Botsford Rubber Co. Ltd.	40 John St., Thorold	(2)
Bowes "Seal Fast" Co. Ltd.	765 Woodward Ave., Hamilton	(3)
Canada Matting Company	119 Ossington Ave., Toronto	(3)
Canadian General-Tower Ltd.	52 Middleton St., Galt	(3)
Canadian Colloid Products, Ltd.	985 St. Luke Road, Windsor	(3)
Dayton Rubber Co. (Canada) Ltd.	3723 Dundas St. W., Toronto	(3)
Dominion Rubber Co. Ltd.	51 Breithaupt St., Kitchener	(1) (3)
Dominion Rubber Co. Ltd.	149 Strange St., Kitchener	(2) (3)
Dowswell Lees & Company Limited	65 Hatt St. Dundas	(3)
Dunlop Canada Limited	Dunlop Drive, Whitby	(2) (3)
Dunlop Canada Limited	870 Queen St. E., Toronto	(2) (3)
Firestone Tire & Rubber Co. of Canada, Ltd.	Burlington St. E., Hamilton	(2) (3)
Flex-o-Tube Co. (Canada) Ltd.	134 Nelson St., Brampton	(3)
Gates Rubber of Canada Limited	50 Iroquois St., Brantford	(3)
General Latex & Chemicals (Canada) Ltd.	Brampton	(3)
General Tire & Rubber Co. of Canada Limited (Industrial Products Division)	Welland	(3)
B.F. Goodrich Canada Limited	521 King St. W., Kitchener	(2) (3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	Bowmanville	(2) (3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	Lakeshore Road, New Toronto	(2) (3)
Gutta Percha and Rubber Ltd.	114 O'Hara Ave., Toronto	(3)
G.L. Griffith & Sons Ltd.	341 Erie Street, Stratford	(3)
Gro-cord Rubber Co. of Canada Limited	120 Town Line, Tillsonburg	(3)
Hamilton Kent of Canada Ltd.	10 Brussels St., Toronto	(3)
Hellermann Canada Limited	44 Danforth Road, Toronto	(3)
James Hobbs Industries Limited	172 Ontario St., Stratford	(3)
Kaufman Rubber Company, Ltd.	410 King St. W., Kitchener	(1) (3)
Koroflex Plastics Limited	Brampton	(1)
Latex Compounding Company	370 Bering Ave., Toronto	(3)
Mansfield Rubber (Canada) Limited	John St., Barrie	(2)
Minnesota Mining & Manufacturing of Canada Limited	Oxford St., London	(3)
National Rubber Co. Ltd.	394 Symington Ave., Toronto	(3)
Novelty Rubber Company	150 Canada Street, Hamilton	(3)
Ontario Fabrix Mat Company	Maryhill	(3)
Parex Industries & Products Limited	43 Densley Ave., Weston	(3)
Rubbermaid (Canada) Ltd.	P.O. Box 10, Cooksville	(3)
Ruflex Threads, Limited	3 West Ave. S., Hamilton	(3)
Seiberling Rubber Co. of Canada Ltd.	99 Paton Road, Toronto	(2) (3)
M.L. Snyder & Son Ltd.	Woodbridge	(3)
Sterling Rubber Co. Ltd.	364 Waterloo Ave., Guelph	(3)
Stratoflex of Canada Inc.	91 Kipling Ave. S., Toronto	(3)
Viceroy Manufacturing Company Limited	1655 Dupont St., Toronto	(3)
Western Rubber Co. of Canada, Limited	Alton	(3)
Yale Rubber Mfg. Co. of Canada, Ltd.	Kincardine	(3)

List of Manufacturers of Rubber Products Reporting in 1959 - Concluded

Name of company	Address	Products
Manitoba:		
Shur-Foot Mat Company	190 St. James St., Winnipeg	(3)
Watson Rubber Mat Co.	797 Notre Dame Ave., Winnipeg	(3)
Alberta:		
Continental Rubber Ltd.	9725 - 62nd Ave., Edmonton	(3)
Fabrix Rubber Mat Co. Ltd.	10,027 - 92nd St., Edmonton	(3)
British Columbia:		
A.C. Rubber Manufacturing Co. Ltd.	1430 Burrard St., Vancouver	(3)
Huntington Rubber Mills of Canada, Ltd.	Port Coquitlam	(3)
Pacific Marine Bumpers Ltd.	Rodger St., North Vancouver	(3)
Reliable Rubber Mat Mfg. Company	3340 Findlay St., Vancouver	(3)
Western Mat Company Ltd.	1603 Franklin St., Vancouver	(3)

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