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THE RUBBER PRODUCTS INDUSTRY 1958



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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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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 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 1958, 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

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material 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*.

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.
- † revised figures.

THE RUBBER PRODUCTS INDUSTRY

1958

The downward trend in the Rubber Products Industry still continued in 1958, when factory shipments with a total value f.o.b. plant of \$308,383,196 were reported, \$17,708,112 or 5.4 per cent below the comparable 1957 total of \$326,091,308. Employment, which stood at 22,178 in 1957, fell to 19,943 in 1958. Salary and wage payments also decreased substantially, from \$83,189,580 in 1957 to \$76,445,003 in 1958. Materials used by the industry cost \$128,572,616 compared to \$144,246,768 the previous year, a decrease of \$15,674,152 or 10.9 per cent.

In 1958 the industry consisted of 89 establishments, of which 33 were in Quebec, 46 in Ontario, 3 in Manitoba, 2 in Alberta and 5 in British Columbia. Ontario accounted for 82.1 per cent of the total factory shipments and for 71.0 per cent of the employment; Quebec for 17.7 per cent of the shipments and for 28.7 per cent of the number of employees.

Shipments of tires and tubes amounted to 52.5 per cent of this industry's total in 1958. Tires, which alone accounted for 49.8 per cent, numbered 8,414,657 and had a factory selling value of \$153,462,724, whereas in 1957 shipments of tires amounted to 8,321,111 valued at \$157,802,335. Tubes shipped during 1958 numbered 3,867,787 and were worth \$8,407,426 as against shipments in 1957 of 3,862,006 tubes worth \$8,777,087. Footwear ranked second in importance; and, in 1958, the industry shipped 13,314,736 pairs with a total value

f.o.b. plant of \$29,733,915, as opposed to the 15,169,748 pairs worth \$32,856,620 sold in 1957. 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 decreased from \$126,655,266 in 1957 to \$116,779,131 in 1958. Since the industry's shipments of 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 reduced activity of the industry, the total consumption of natural rubber in 1958 fell to 82,989,885 pounds from the 1957 figure of 88,644,883 pounds and that of synthetic rubber from 101,287,069 pounds to 99,653,493 pounds. The proportion of synthetic to all rubber used by the industry rose from 45.0 per cent in 1957 to 47.4 per cent in 1958, while the proportion of natural rubber fell from 39.4 per cent to 37.3 per cent in the same period.

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

Table 13 A gives details of power installations for this industry for 1958, representing the results of a special survey made every five years.

TABLE 1. Principal Statistics, 1929 - 58

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	1,083,735	11,906,696	27,756,479	40,746,910
1934	51	11,079	10,858,637	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	15,603,774	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	58,088,738	119,137,776
1943	51	15,913	25,342,508	1,908,247	68,297,492	59,952,041	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	101,773,382	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	162,333,060	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	149,073,979	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	355,583,815
1957							
Canada	88	22,178	83,189,580	4,961,524	144,246,768	176,456,204	326,091,308
Quebec	34	6,430	20,446,898	989,268	26,093,702	31,723,275	59,707,499
Ontario	46	15,679	62,508,239	3,950,784	117,970,608	144,355,550	265,798,148
Other provinces	8	69	234,443	21,472	182,458	377,379	585,661
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	1,107,482	23,258,874	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	23,579	212,598	317,159	554,103

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, 1957 and 1958

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			
1957						
Under \$10,000	6	12	16,079	1,665	8,705	34,384
\$10,000 — \$24,999	8	28	55,156	2,694	45,944	139,912
\$25,000 — \$49,999	6	29	84,305	6,811	92,138	204,826
\$50,000 — \$99,000	6	38	109,729	11,804	211,519	436,636
\$100,000 — \$199,999	5	85	193,841	12,822	379,868	703,980
\$200,000 — \$499,999	15	522	1,719,471	116,592	2,053,577	5,319,518
\$500,000 — \$999,999	8	474	1,390,098	102,766	3,053,659	5,455,359
\$1,000,000 — \$4,999,999	16	3,253	9,841,781	788,875	17,468,342	38,658,041
\$5,000,000 and over	18	17,737	69,779,120	3,917,495	120,933,016	275,138,652
Total	88	22,178	83,189,580	4,961,524	144,246,768	326,091,308
1958						
Under \$10,000	5	11	12,369	658	7,758	26,083
\$10,000 — \$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
Total	89	19,943	76,445,003	5,029,413	128,572,616	308,383,196

TABLE 3. Comparative Summary Production, 1933-58

Year	Tires and tubes	Footwear	Other products	All products
	Selling value	Selling value	Selling value	Selling value
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

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

TABLE 4. Footwear, 1957 and 1958

Kind	1957		1958	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	pairs	\$	pairs	\$
Boots, all rubber:				
(a) Knee, thigh and hip	1,091,804	3,496,887	1,113,131	3,721,157
(b) Lumbermen's, etc.	342,143	1,722,056	241,773	1,259,422
Boots, rubber bottoms and leather tops:				
Lumbermen's, etc.	154,667	1,143,556	114,206	708,973
Bottoms for leather tops	211,891	570,919	156,650	413,656
Overshoes and goloshes:				
(a) Cloth uppers	706,969	2,863,816	589,528	2,310,601
(b) All rubber, lined and unlined	3,532,113	10,793,433	2,837,915	8,876,809
Light and heavy rubbers	2,546,634	3,310,794	2,525,839	3,438,552
Bathing shoes	1	1	1	1
Utility footwear, with canvas or other fabric tops	2,061,678	3,871,767	2,159,631	3,796,596
Leather footwear	1	1	1	1
Plastic waterproof footwear, all types	3,502,926	3,218,093	2,551,202	2,757,422
Other footwear	1,018,923	1,865,299	1,024,861	2,450,727
Total footwear	15,169,748	32,856,620	13,314,736	29,733,915

¹ Included in "Other footwear".

TABLE 5. Factory Shipments of Tires, by Types, Quantities and Value, 1957 and 1958

	First line	Second line	Third line	Total	Total selling value at factory
	number				\$
1957					
Pneumatic tires (including tubeless):					
Passenger car:					
(a) 4 ply rating	4,723,005	1,128,378	668,697	6,520,080	89,241,419
(b) 6 ply rating	171,543	—	—	171,543	3,174,648
Truck and bus (including earth-mover, excavator, logger and grader):					
(a) Sizes smaller than 12.00-22	807,689	60,278	—	867,967	51,609,244
(b) Sizes 12.00-22 and larger	19,030	—	—	19,030	5,910,425
Aeroplane	8,744	—	—	8,744	384,294
Tractor and implement	233,539	8,488	6,045	248,072	6,300,648
Industrial, pneumatic and semi-pneumatic (including wheelbarrow)	42,832	—	—	42,832	365,023
Motorcycle and sidecar	5,235	—	—	5,235	84,156
Bicycle	215,045	155,013	—	370,058	412,900
Solid and cushion tires:					
All types: (including lawn mower, wheelbarrow, pressed-on and moulded-on)	67,550	—	—	67,550	319,578
Total tires	6,294,212	1,352,157	674,742	8,321,111	157,802,335
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)	237,950	189,366	—	427,316	791,761
Motorcycle and sidecar					
Bicycle					
Pneumatic tires, n.e.s.					
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

TABLE 6. Factory Shipments of Tubes by Types, Quantities and Values, 1957 and 1958

	First line	Second line	Third line	Total	Total selling value at factory
	number				\$
1957					
Passenger car	2, 126, 117	476, 794	—	2, 602, 911	4, 887, 222
Truck and bus:					
(a) Sizes smaller than 12.00-22	631, 864	—	—	631, 864	2, 764, 071
(b) Sizes 12.00-22 and larger	8, 053	—	—	8, 053	154, 520
Aeroplane	7, 857	—	—	7, 857	61, 079
Tractor and implement	202, 097	—	—	202, 097	632, 535
Motorcycle and sidecar	5, 802	—	—	5, 802	10, 790
Bicycle	1	1	—	1	1
Tire tubes, n.e.s.	394, 488	8, 934	—	403, 422	266, 870
Total tubes	3, 376, 278	485, 728	—	3, 862, 006	8, 777, 087

¹ Included with "Tire tubes, n.e.s." as less than three firms reporting.

TABLE 6. Factory Shipments of Tubes by Types, Quantities and Values, 1957 and 1958 — Concluded

	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
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 less than three firms reporting.

TABLE 7. Other Products, 1957 and 1958

		1957		1958	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Clothing (rubber, rubberized, plastic, etc.)	doz.	136,159	2,652,354	108,509	2,289,426
Fabrics (rubberized, plastic-coated, etc.)	sq. yd.	683,559	373,975	641,205	330,260
Artificial and imitation leather	"	2,626,693	2,372,901	2,335,848	1,913,323
Rubber and composition soles (full and taps)	pt.	5,881,540	2,124,724	7,649,340	2,571,598
Rubber and composition heels	"	15,126,015	1,918,629	15,951,433	2,023,403
Rubber and composition soling and toplifting sheets	lb.	13,370,501	4,649,218	12,231,916	4,276,181
Belts and belting:					
Conveyor	"	7,169,561	6,651,993	4,853,549	4,565,400
Transmission, flat type	"	1,324,726	1,550,002	1,098,634	1,513,413
" V-type, automotive fan belts	No.	1,450,360	986,332	1,738,158	1,252,719
" V-type, fractional h.p. belts	"	1,211,050	839,156	1,480,098	962,842
" V-type, other	lb.	919,642	1,827,714	773,667	1,926,810
Rubber belts and belting, other	"	575,522	745,015	787,508	980,804
Hose and tubing:					
Garden hose, rubber	ft.	6,471,749	670,054	8,030,088	976,213
" plastic	"	7,093,647	420,622	6,630,255	347,736
Fire hose, all kinds	lb.	617,500 ^r	993,642	415,394	622,343
Water hose, other	"	1,229,665	1,128,135	1,228,747	1,067,305
Oil and gasoline hose	"	660,781	846,852	589,959	709,901
Rubber hose, other	"	8,052,501	7,749,670	7,480,440	6,719,952
Rubber tubing	"	323,521	400,774	350,855	394,344
Plastic pipe, hose and tubing, n.e.s.	"	571,747	433,007	452,313	422,603
Other extruded plastic products, n.e.s.	"	751,022	577,058	915,433	720,190
Rubber packing, all kinds	"	2,003,662	1,061,186	1,869,381	1,088,726
Rubber supplies, such as washers, gaskets, etc.	"	—	2,684,775	—	2,506,911
Rubber thread, covered and not covered	lb.	834,772	1,541,643	710,531	1,243,140
Rubber, hard, in sheets, strips and rods	"	358,008	183,767	94,725	49,484
Rubber and friction tape	"	2,292,337	2,294,529	1,474,852	1,136,013
Pressure sensitive tape, including cellulose ²	"	4,578,487	5,311,553	1	1
Rubber covered rolls, wringer, etc.	No.	451,841	1,220,903	387,818	941,153
Rubber roll covering	lb.	709,490	1,678,262	534,341	1,330,858
Rubber coverings and linings, for tanks, pipes, etc.	"	2,535,879	5,374,599	1,278,395	2,236,029
Rubber floor mats, matting, stair treads, etc.	"	2,801,443	915,227	2,761,997	1,025,967
Rubber mats for automobiles	No.	721,503	2,466,397	622,393	2,312,620
Link mats for doors, etc.	sq. ft.	340,688	298,589	130,800	140,558
Rubber sheet flooring and wainscoting	lb.	767,308	275,033	961,136	271,751
Rubber tiles ³	"	5,804,374	1,558,535	1	1

See footnotes at end of table.

RUBBER PRODUCTS

TABLE 7. Other Products, 1957 and 1958 — Concluded

		1957		1958	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Rubber tires and tiring, for baby carriages, etc.	lb.	1,098,502	212,530	971,665	185,455
Repair gums and fabrics	"	757,656	703,577	479,838	506,469
Other unvulcanized gums	"	996,025	573,997	1,073,070	460,575
Camelback	"	15,515,760	5,749,831	19,059,026	6,351,020
Cured rubber, in slabs	"	282,938	373,077	379,365	411,707
Cements and adhesives	gal.	1,164,637	2,376,897	798,143	2,313,989
Tire and tube repair materials (patches, etc.)	No.	3,485,422	1,233,179	2,876,720	1,456,402
Tube repair kits	"	755,103	345,446	847,864	334,045
Tire flaps	"	301,482	636,838	245,239	468,650
Rubber blankets, printers', etc.	lb.	176,489	236,086	183,100	221,564
Battery containers	}	—	2,758,156	—	2,550,876
Battery covers, vents, etc.		—	—	—	—
Channel rubber	lb.	1,853,019	1,119,206	482,272	248,060
Rubber automotive and aeroplane parts, n.e.s.	"	6,702,799	3,836,367	6,638,996	3,977,470
Druggists' and medical sundries:					
Hot water bottles	doz.	25,431	224,220	}	539,253
Fountain syringes	"	2,841	41,683		
Bulb syringes and bulbs	"	9,247	58,979		
Combination attachment sets	"	3,186	18,391		
Nipples and soothers	"	272,083	152,494		
Ice caps and collars, etc.	"	3,299	47,551		
Rubber, rubberized and plastic-coated sheeting	sq. yd.	86,011	81,028	}	87,412
Sheets, rubber	doz.	7,138	73,959		
Air cushions, invalid rings, etc.	"	422	12,048		
Gloves, rubber, plastic, rubberized and plastic coated fabric	doz. pr.	233,872	1,018,630	325,899	1,103,044
All other (trusses and pads, finger cots, etc.)	—	—	7,986	—	910
Rubber jar rings	lb.	822,668	510,851	787,469	533,175
Rubber weatherstripping	"	1,494,426	662,695	3,412,579	939,306 ¹
Aprons, rubber, rubberized and plastic	doz.	39,812	176,445	25,375	134,404
Baby pants, rubber, oiled silk, plastic, etc.	"	90,987	163,269	1	1
Sanitary goods, n.e.s.	"	716,858	192,655	428,909	129,859
Bathing caps, shower caps, etc.	"	35,316	138,178	21,302	110,350
Rubber play balls, including bladders for footballs	"	350,243	625,741	295,904	663,259
Rubber toys and novelties (including dolls)	"	59,917	249,037	64,627	233,700
Hockey pucks	"	36,110	51,875	62,232	84,711
Balloons (toy and meteorological)	gross	192,710	504,520	297,946	627,644
Curtains and drapes (rubber and plastic)	doz.	37,577	453,402	1	1
Table covers (rubber and plastic)	"	13,705	109,724	18,738	137,525
Extruded rubber goods, n.e.s.	lb.	563,825	232,037	1,425,660	630,872
Moulded rubber goods, n.e.s.	"	5,626,627	2,663,882	3,568,927	2,107,936
Moulded plastics, n.e.s.	"	1,984,319	1,150,957	1,183,366	615,807
Other plastic products, n.e.s. (bags, covers, synthetic resin film, tiles, toys, folding doors, etc.)		—	4,071,348	—	4,196,082
Sponge and hard rubber mats, pads, cushions, etc.	lb.	327,143	154,301	289,135	113,379
Foamed latex and chemically blown rubber	"	8,017,293	7,129,880	8,035,950	7,146,542
Rug underlay or cushioning	"	8,843,362	2,296,818	9,820,798	2,722,858
Sponge rubber goods, n.e.s.	"	408,766	194,677	428,364	193,271
Latex compounds (natural and synthetic)	"	3,627,904	1,780,624	4,763,155	2,081,241
Fuel cells, for aircraft, etc.	No.	12,973	2,955,315	1	1
All other products (including reclaimed rubber, stationery goods, etc.)		—	11,518,054	—	20,796,219
Amount received for contract work .....		...	371,172	...	486,763
Total value of other products .....		...	126,655,266	...	116,779,131

¹ Included in "All other products."² In 1958 the value of factory shipments of pressure-sensitive tape, in all industries, was \$9,499,795.³ In 1958 the factory shipments of rubber tiles, in all industries, were 7,880,321 sq. ft. valued at \$2,049,234.⁴ Includes "Weatherstripping, all kinds".

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, 1957 and 1958

	1957		1958	
	Quantity	Cost value at factory	Quantity	Cost value at factory
		\$		\$
Rubber, natural ¹	lb. 88,644,883	27,919,742	82,989,885	21,881,250
Rubber, reclaimed ¹	" 35,050,317	3,594,400	33,380,478	3,691,083
Rubber, synthetic ¹	" 101,287,069	24,281,961	99,653,493	23,451,696
Rubber, scrap	" 51,671,826	419,828	22,071,314	428,215
Crude allied gums	" 125,579	92,826	111,440	79,760
Latex compounds	" 324,444	120,695	489,785	177,462
Rubber, other (including master batches, camelback, tubing, etc.)	—	1,297,365	—	734,606
Plastics, synthetic resins	lb. 10,968,343	3,034,571	10,391,058	2,653,206
Plastics, other	" 1,004,304	691,455	1,073,524	732,246
Tire fabrics, cotton	" 2,799,623	1,823,557	2,260,297	1,640,621
" " rayon	" 23,162,813	17,557,587	19,778,580	15,519,866
Tire fabrics, all other (nylon, etc.)	" 5,426,896	8,626,682	5,643,688	9,166,505
Hose fabrics	" 810,750	609,920	658,526	505,234
Belting duck	" 3,008,246	2,284,656	2,188,465	1,705,148
Shoe fabrics, other than leather	yd. 1,383,161	654,675	489,750 ³	372,736
Jersey, wool and nylon	" 67,589	85,870	—	—
Cashmerette	" 6,569	13,448	—	—
Miscellaneous cottons	" 11,096,851	3,644,625	8,219,413	2,911,207
Other fabrics, n.e.s.	" 4,962,922	2,778,509	5,750,346	3,126,162
Yarns, cotton	lb. 454,633	429,473	270,824	289,386
" " rayon, nylon, etc.	" 952,388	876,337	797,088	741,555
Cotton, fibre and linters	" 936,944	139,773	—	—
Felt	" 111,916	119,299	2	2
Jutex	" 1,664,541	279,451	2	2
Fur	yd. 1,741,775	624,419	2	2
Mouton shearling	lb. 134,195	110,335	2	2
Leather	" 285,744	378,991	207,411	266,394
Leather tops for boots	pair 25,171	72,993	2	2
Carbon black	lb. 65,351,733	5,620,479	65,173,439	5,788,041
China clay	" 7,547,408	143,742	15,418,907	258,956
Other clays and earths	" 19,756,115	310,347	10,490,563	185,984
Mica, ground	" 574,706	54,602	634,021	63,180
Solvents	gal. 3,329,518	1,105,878	2,444,563	914,640
Sulphur	lb. 5,373,950	331,624	4,847,390	306,261
Whiting	" 16,653,223	195,185	19,578,227	235,694
Litharge	" 62,038	12,498	43,334	7,771
Zinc oxide	" 9,079,504	1,225,526	8,580,391	1,108,162
Talc and soapstone	" 4,093,171	85,834	3,758,360	77,832
Barytes	" 1,050,444	38,202	774,820	28,430
Titanium dioxide	" 1,440,418	371,696	1,542,813	387,137
Accelerators, n.e.s.	" 2,941,666	1,618,595	2,667,867	1,442,337
Coloring agents, n.e.s.	" 1,644,950	552,433	1,841,744	628,816
Plasticizers, n.e.s.	" 14,407,900	2,080,995	16,368,815	2,010,939
Anti-oxidants, n.e.s.	" 2,553,373	1,539,078	2,741,109	1,539,785
Fillers, n.e.s.	" 13,951,780	639,275	12,559,031	567,689
Other chemicals, n.e.s.	" 16,342,412	3,824,771	14,330,722	2,879,014
Wire	" 8,406,196	1,879,033	7,639,686	1,747,923
Hardware fittings (hose couplings, cocks, etc.)	—	1,675,531	—	1,668,432
Shoe findings	—	1,347,998	—	1,113,931
Lacquers, etc. (dispersions of resins)	lb. 606,924	151,648	283,396 ⁴	177,643
Rubber cement	gal. 56,387	84,075	68,471	102,116
Paints, varnishes, etc.	" 26,568	67,690	35,255	89,617
Thread for sewing	—	96,791	—	2
Hose jackets	—	409,417	—	196,700
Containers and packaging material	—	3,901,140	—	3,676,766
All other materials	—	5,926,034	—	5,105,688
Operating, maintenance and repair supplies	—	5,846,993	—	5,825,667
Amount paid out for contract work .....	...	546,215	...	363,127
Total cost of materials used .....	...	144,246,768	...	128,572,616

¹ For details of "Rubber used" see Tables 16, 16A, 17, 18 and 19.² Included in "All other materials".³ In 1958 "Shoe fabrics, other than leather", were reported in pounds.⁴ In 1958, "Lacquers, etc. (dispersions of resins)" were reported in gallons.

TABLE 9. Imports of Rubber and Rubber Goods, 1957 and 1958

Articles imported		1957		1958	
		Quantity	Value \$	Quantity	Value \$
Balata and gutta-percha, crude	lb.	20, 231	31, 725	24, 518	53, 949
Natural rubber, crude	"	88, 029, 717	23, 460, 595	75, 776, 107	16, 523, 272
Natural rubber, latex	"	8, 537, 513	3, 251, 477	8, 316, 960	2, 784, 392
Synthetic rubber, latex	"	6, 252, 708	2, 154, 518	5, 396, 395	1, 943, 430
Synthetic rubber, crude, and other rubber substitutes	"	24, 965, 700	6, 590, 164	20, 945, 400	5, 813, 235
Rubber, hard, in sheets, strips, rods or tubes	"	47, 411	41, 068	29, 616	26, 696
Rubber, powdered, and rubber waste	"	2, 991, 600	218, 645	4, 847, 400	325, 641
Rubber, recovered	"	25, 389, 300	2, 413, 931	21, 541, 900	2, 226, 224
Rubber, thread, not covered	"	231, 311	365, 914	325, 997	491, 398
Canvas shoes with rubber soles	pr.	2, 038, 495	985, 480	3, 289, 352	1, 533, 207
Boots and shoes, rubber, n.o.p.	"	855, 143	1, 042, 459	1, 683, 823	1, 877, 402
Bathing shoes, rubber	"	12, 399	5, 546	—	—
Tires, bicycle and motorcycle	No.	370, 831	284, 651	550, 115	389, 791
Tires, bicycle, inner tubes	"	367, 785	107, 866	488, 584	141, 324
Tires, tractor and implement	"	43, 352	1, 241, 963	58, 372	2, 002, 235
Tire casings, n.o.p.	"	173, 988	6, 607, 474	158, 448	5, 890, 578
Tires, inner tubes, n.o.p.	"	103, 638	292, 966	126, 542	287, 523
Tires, solid rubber, for automobiles and trucks	"	3, 025	66, 831	2, 101	49, 679
Tires, solid rubber, n.o.p.	"	—	327, 547	—	354, 432
Golf balls	doz.	83, 842	327, 973	131, 443	442, 212
Heels, rubber	pr.	1, 260, 421	144, 593	1, 652, 104	188, 704
Soles and soling materials of rubber	—	—	539, 655	—	592, 510
Hose, rubber and rubber lined	—	—	2, 665, 573	—	2, 330, 559
Belting, rubber	—	—	769, 359	—	901, 481
V-belts, chiefly of rubber	—	—	837, 037	—	831, 364
Cement, rubber	—	—	932, 067	—	838, 475
Raincoats of rubber	No.	414	3, 276	234	1, 921
Raincoats of water-proofed cotton	"	50, 518	368, 122	100, 774	526, 468
Clothing, rubber or water-proofed, n.o.p.	—	—	252, 433	—	947, 151
Gloves, rubber	doz. pr.	98, 550	452, 440	110, 656	495, 940
Hot water bottles, rubber	—	—	67, 156	—	83, 630
Mats and matting, rubber	—	—	1, 244, 120	—	1, 460, 241
Flooring and tile of rubber	sq. yd.	146, 321	274, 289	178, 350	306, 523
Packing, rubber	—	—	335, 611	—	369, 366
Sealing compounds, liquid or paste	—	—	173, 913	—	171, 990
Gaskets and washers, rubber	—	—	1, 278, 935	—	1, 263, 132
Automotive parts of rubber, n.o.p.	—	—	1, 916, 799	—	1, 914, 993
Druggists' sundries, rubber	—	—	1, 041, 207	—	1, 097, 394
Tire repair material of rubber	—	—	777, 262	—	744, 508
Nursing nipples, rubber	gross	8, 786	97, 332	14, 075	122, 302
Weatherstripping of rubber	—	—	1, 212, 790	—	1, 001, 435
Manufactures of rubber and gutta-percha, n.o.p.	—	—	5, 554, 946	—	5, 546, 419

TABLE 10. Exports of Rubber and Rubber Goods, 1957 and 1958

Articles exported		1957		1958	
		Quantity	Value \$	Quantity	Value \$
Camelback	lb.	543, 200	168, 352	231, 800	77, 622
Heels of rubber	pr.	98, 165	9, 288	12, 227	2, 642
Soles of rubber	"	14, 443	7, 298	17, 392	10, 620
Waste rubber	cwt.	202, 863	289, 806	189, 074	253, 870
Fan belts of rubber	—	—	44, 671	—	21, 082
Belting of rubber, n.o.p.	lb.	389, 579	307, 367	387, 683	278, 369
Hose of rubber	—	—	187, 517	—	76, 247
Canvas shoes with rubber soles	pr.	4, 206	10, 700	5, 699	10, 695
Boots and shoes of rubber, n.o.p.	"	74, 452	208, 050	66, 419	188, 951
Clothing, rubber and water-proofed	—	—	248, 853	—	181, 858
Pneumatic tires for passenger automobiles	No.	130, 926	1, 640, 478	109, 826	1, 359, 452
Pneumatic tires for trucks, busses, etc.	"	67, 009	3, 395, 736	64, 679	3, 396, 240
Pneumatic tires for tractors	"	39, 075	1, 051, 302	21, 337	777, 007
Tires for other vehicles, n.o.p.	"	719	6, 617	2, 438	20, 577
Inner tubes	"	137, 094	406, 215	75, 928	250, 634
Manufactures of rubber, n.o.p.	—	—	1, 097, 967	—	972, 765

TABLE 11. Employees and their Earnings, by Provinces, 1957 and 1958

	Supervisory and office employees			Production workers (monthly averages)			Total employees and total earnings		
	Male	Female	Salaries	Male	Female	Wages	Male	Female	Salaries and wages
1957	number		\$	number		\$	number		\$
Canada	3,798	1,618	25,121,531	13,216	3,546	58,068,049	17,014	5,164	83,189,580
Quebec	908	389	6,010,964	3,573	1,560	14,435,934	4,481	1,949	20,446,898
Ontario	2,877	1,226	19,033,384	9,605	1,971	43,474,855	12,482	3,197	62,508,239
Other provinces	13	3	77,183	38	15	157,260	51	18	234,443
1958	number		\$	number		\$	number		\$
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	6,011,006	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

TABLE 12. Production Workers, by Months, 1958

	Establishments reporting monthly detail ¹		Establishments not reporting monthly detail ¹		All establishments		
	Male	Female	Male	Female	Male	Female	Total
	number		number		number		
January	11,768	2,979					
February	11,316	3,001					
March	10,983	3,044					
April	11,016	2,913					
May	11,514	2,954	14	8	11,528	2,962	14,490
June	11,789	3,037					
July	11,842	3,077					
August	11,984	3,132					
September	12,178	3,155					
October	12,100	3,068					
November	12,031	2,974					
December	12,027	2,837					
Average ²					11,726	3,021	14,747

¹ The number of production workers by months was generally collected only for establishments reporting value of shipments of \$100,000 and over. For smaller establishments, only the number employed during the last pay period of May, 1958, was collected.

² The average for establishments generally reporting shipments of less than \$100,000 was estimated by using average annual earnings data from the large establishments in conjunction with reported payrolls for the small establishments.

TABLE 13. Consumption of Fuel and Electricity, 1958

	Quantity	Cost value at factory
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal	ton 155,355	1,682,529
Gasoline	Imp. gal. 299,094	108,852
Fuel oil	" 4,601,642	530,147
Natural gas	M cu. ft. 31,782	40,782
Other fuel	—	158,794
Electricity purchased	kwh. 314,255,087	2,502,991
2. Establishments not reporting commodity detail: ¹		
Total cost of fuel .....	..	2,992
Electricity purchased .....	..	2,326
3. All establishments:		
Total cost of fuel .....	..	2,524,096
Total cost of electricity .....	..	2,505,317
Total cost of fuel and electricity .....	..	5,029,413

¹ Data on the quantity and value of the different kinds of fuel and on the quantity of electricity purchased were generally not collected for establishments reporting value of shipments of less than \$100,000. Only the total cost of fuel and the total cost of electricity were collected for these establishments.

TABLE 13 A. Power Equipment, 1958

Type of equipment	Driving generators	Not driving generators
	horsepower	
Prime movers:		
Steam engines	—	1,895
Steam turbines	5,112	1,018
Diesel engines	—	350
Gasoline, gas and oil engines, other than diesel engines	35	203
Hydraulic turbines or water wheels	400	465
Electric motors (one-quarter horsepower and over)	—	147,812
Total	5,547	151,743

TABLE 14. Inventories, 1958

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total value ¹
	dollars			
Opening inventory: ²				
Quebec	3,643,672	1,184,924	6,702,489	11,531,085
Ontario	13,765,687	6,292,914	24,974,895	45,033,496
Other provinces	39,456	5,130	2,721	47,307
Canada	17,448,815	7,482,968	31,680,105	56,611,888
Closing inventory:				
Quebec	3,447,084	1,222,956	5,830,518	10,500,558
Ontario	11,594,311	6,460,931	25,688,566	43,743,808
Other provinces	43,928	4,980	2,104	51,012
Canada	15,085,323	7,688,867	31,521,188	54,295,378

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

² The opening inventory for 1958 differs from the closing inventory published for 1957 because of receipt of revised data, new firms and the removal of figures for firms which did not operate during 1958.

TABLE 15. Capital and Repair Expenditures in The Rubber Products Industry, 1948-58

	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	10,883	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

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 1959, 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, 1958

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds						
January	6,500,766	294,912	514,792	490,679	51,374	13,379	7,865,902
February	6,434,079	335,618	580,620	427,256	49,869	9,917	7,837,359
March	6,363,385	351,886	600,703	473,384	48,253	18,928	7,856,539
April	6,752,871	387,751	663,498	585,661	53,290	16,648	8,459,719
May	7,353,836	401,460	710,322	489,035	47,594	11,444	9,013,691
June	8,386,253	403,116	761,113	567,075	49,754	16,827	10,184,138
July	7,310,576	371,876	570,863	404,250	35,358	22,692	8,715,615
August	5,370,647	357,332	465,418	515,772	46,462	10,871	6,766,502
September	7,636,974	438,461	706,668	554,062	88,117	29,369	9,453,651
October	7,415,737	405,509	735,442	589,360	98,564	21,818	9,266,430
November	7,728,543	423,082	778,460	538,852	100,585	15,902	9,585,424
December	7,854,299	455,332	794,638	452,663	73,424	18,898	9,649,254
Total	85,107,966	4,626,335	7,882,537	6,088,049	742,644	206,693	104,654,224

TABLE 16 A. Consumption of Synthetic Rubber, in Total, by End Products, and by Months, showing also Percentage of Synthetic to all Rubber Consumed, 1958

	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	7,866	48.1	5,213	524	845	1,284
February	7,837	49.1	5,157	476	933	1,271
March	7,856	49.5	5,045	467	911	1,433
April	8,460	49.1	5,647	557	767	1,489
May	9,014	49.0	6,134	473	782	1,625
June	10,184	49.7	7,259	496	844	1,585
July	8,716	48.1	6,800	322	513	1,081
August	6,766	48.0	4,171	541	824	1,230
September	9,454	44.4	6,481	528	856	1,589
October	9,266	44.0	6,087	538	969	1,672
November	9,586	44.7	6,520	623	911	1,532
December	9,649	45.4	6,770	485	847	1,547
Total	104,654	47.4	71,284	6,030	10,002	17,338

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, 1958

	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	6,026	36.8	3,901	82	561	1,482
February	5,558	34.8	3,349	52	641	1,516
March	5,375	33.9	3,267	42	559	1,507
April	5,964	34.6	3,682	50	576	1,656
May	6,303	34.2	4,070	45	583	1,605
June	7,068	34.5	4,748	29	560	1,731
July	6,551	36.1	4,930	30	320	1,271
August	5,452	38.6	3,419	41	612	1,380
September	8,783	41.2	6,350	35	616	1,782
October	8,685	41.3	6,295	46	592	1,752
November	8,890	41.5	6,596	53	495	1,746
December	8,415	39.6	6,280	37	384	1,714
Total	83,070	37.3	56,887	542	6,499	19,142

TABLE 18. Consumption of Reclaimed Rubber in Total, by End Products, and by Months, showing also Percentage of Reclaimed to All Rubber Consumed, 1958

	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	2,474	15.1	1,473	1	216	784
February	2,565	16.1	1,584	3	206	772
March	2,633	16.6	1,493	1	225	914
April	2,798	16.3	1,669	2	222	905
May	3,092	16.8	1,896	—	196	1,000
June	3,249	15.8	2,071	—	238	940
July	2,857	15.8	2,153	1	180	523
August	1,882	13.3	1,252	—	194	436
September	3,066	14.4	2,064	—	236	766
October	3,095	14.7	1,939	1	237	918
November	2,960	13.8	2,002	1	208	749
December	3,203	15.0	2,102	2	167	932
Total	33,874	15.3	21,698	12	2,525	9,639

TABLE 19. Consumption of All Rubber, by Main Types and by End Products Classification, 1958

End products	Natural	Synthetic	Reclaimed	Total all rubber
	000's pounds			
Tires, tubes and tire repair materials	56,887	71,284	21,698	149,869
Wire and cable	542	6,030	12	6,584
Footwear (including heels, soles, etc.)	6,499	10,002	2,525	19,026
Other products	19,142	17,338	9,639	46,119
Total	83,070	104,654	33,874	221,598

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

List of Manufacturers of Rubber Products Reporting in 1958

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 Wringer 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 Cote Vertu Road, St., Laurent	(3)
Cat's Paw Holtite Rubber Co. of Canada Ltd.	Drummondville	(3)
Remi Carrier, Inc.	70 Blvd. Henri Bourassa, Charlesbourg	(3)
Dominion Rubber Co. Ltd.	St. Jerome	(1)
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)
Olympic Fibre Industries, Reg'd.	10901 Dupont St., Montreal	(3)
Peelcoat Industries Reg'd.	201 Laval St., Granby	(3)
Philtex Products Reg'd.	824 Ste. Croix Blvd., St. Laurent	(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. Remi	(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	(2) (3)
Botsford & McGee Rubber Co. Ltd.	40 John St., Thorold	(2)
Bowes "Seal Fast" Co. Ltd.	140 Oak Ave., Hamilton	(3)
Canada Matting Company	119 Ossington Ave., Toronto	(3)
Canadian General-Tower Ltd.	52 Middleton St., Galt	(3)
Canadian Collord Products, Ltd.	985 St. Luke Road, Windsor	(3)
Dayton Rubber Co. (Canada) Ltd.	3723 Dundas St. W., Toronto	(2) (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 Ltd.	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)

List of Manufacturers of Rubber Products Reporting in 1958 — Concluded

Name of company	Address	Products
Ontario — Concluded:		
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)
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)
Manitoba:		
Eagle Distributing Co. Ltd.	797 Notre Dame Ave., Winnipeg	(3)
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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