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# THE RUBBER PRODUCTS INDUSTRY

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NOTICE

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

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

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

The present report is the only one in Part V. It is punched to permit of filing in a ring binder. 25¢

# THE RUBBER PRODUCTS INDUSTRY

1953

The rubber industry of Canada is of considerable importance in the industrial life of the country, since Canada ranks among the leading countries of the world as a manufacturer of rubber goods. Besides supplying the domestic market, the industry contributes materially to the export trade of Canada.

There were 72 establishments manufacturing rubber tires, rubber footwear and other rubber goods in 1953, 39 plants being located in Ontario, 28 in Quebec, 1 in Manitoba, 1 in Alberta and 3 in British Columbia. These plants furnished employment to 22,600 persons who received \$70,994,643 in salaries and wages and produced goods valued at \$290,735,459, from materials costing \$114,336,694.

This industry is practically confined to the provinces of Ontario and Quebec. The plants in Ontario employed almost 72 per cent of the persons engaged in the industry and produced over 81 per cent of the entire output, while almost 28 per cent of the total employment and over 18 per cent of the production was in the province of Quebec.

The rubber industry forms an adjunct of considerable importance to the "cotton yarn and cloth"

and "synthetic fibres" industries, which supply it with fabrics, yarn, etc. used in manufacturing tires, hose, belting, etc.

The gross value of production of the industry as a whole increased by \$4,080,830. The output of tires, which numbered 6,664,456 in 1953 and was valued at \$143,232,397, represents an increase of 1,082,181 in the number with an increase of only \$212,529 in value, or practically no change.

The output of inner tubes increased by 794,193 in number and by \$1,703,739 in value. The production of footwear increased in quantity by 52,214 pairs, but decreased by \$3,192,273 in value. The value of production of the "tire and tube" section of the industry increased by \$1,916,268, the "footwear" section decreased by \$3,192,273 and the "miscellaneous" section (which includes such products as rubber heels and soles, rubber belting and hose, medical and druggist supplies, mechanical rubber goods, etc.) increased by \$5,356,835, making the total increase of \$4,080,830 mentioned above.

Detailed statistics of production, employment, materials used, imports and exports, etc. are given in the tables following.

TABLE 1. Principal Statistics

Year	Establishments	Employees	Salaries and wages	Cost of materials used	Gross value of production
1933 .....	45	9,758	8,910,124	12,914,680	41,511,556
1934 .....	51	11,079	10,858,637	18,439,498	55,230,381
1935 .....	45	11,023	11,017,431	20,258,774	55,949,570
1936 .....	50	11,881	11,954,016	23,598,661	62,054,808
1937 .....	50	13,035	14,041,066	31,126,755	74,263,753
1938 .....	53	12,879	14,061,788	24,301,221	61,030,710
1939 .....	54	14,160	15,603,774	28,814,003	69,945,471
1940 .....	52	14,297	16,834,914	38,228,145	83,020,721
1941 .....	56	17,191	22,792,376	59,340,321	119,137,776
1942 .....	49	15,497	23,413,150	61,576,546	122,231,402
1943 .....	51	15,913	25,342,508	68,297,492	130,157,780
1944 .....	56	21,421	35,978,717	82,187,888	169,511,036
1945 .....	55	23,490	39,111,477	78,500,892	181,413,226
1946 .....	60	22,055	37,813,363	62,135,578	159,408,113
1947 .....	60	23,475	46,613,893	82,934,625	196,307,734
1948 .....	56	21,703	48,273,015	84,223,731	194,111,934
1949 .....	62	20,729	48,172,207	73,895,718	178,503,559
1950 .....	61	21,812	54,262,864	101,773,382	239,184,510
1951 .....	67	23,054	64,357,696	146,951,650	311,678,489
1952					
Canada .....	70	21,582	65,477,683	120,799,295	286,654,629
Quebec .....	26	6,139	16,284,215	22,280,838	52,695,709
Ontario .....	39	15,403	49,083,910	98,486,975	233,735,185
Other Provinces .....	5	40	109,558	31,482	223,735
1953					
Canada .....	72	22,600	70,994,643	114,336,694	290,735,459
Quebec .....	28	6,283	17,571,287	20,694,753	52,559,824
Ontario .....	39	16,267	53,289,706	93,562,852	237,746,006
Other Provinces .....	5	50	133,650	79,089	429,629

TABLE 2. Principal Statistics Grouped According to the Size of Establishments

Establishments having a production of:	Establishments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1952					
Under \$25,000.....	10	30	57,317	35,784	90,221
\$ 25,000 to under \$ 50,000.....	5	53	89,005	91,796	162,223
\$ 50,000 " " \$ 100,000.....	7	83	197,677	159,124	470,243
\$ 100,000 " " \$ 500,000.....	15	518	1,286,959	1,798,241	4,741,087
\$ 500,000 " " \$1,000,000.....	5	372	978,760	1,581,923	3,493,040
\$1,000,000 " " \$5,000,000.....	15	4,420	12,437,013	18,116,387	40,681,835
\$5,000,000 and over.....	13	16,106	50,430,952	99,016,040	237,015,980
Total .....	70	21,582	65,477,683	120,799,295	286,654,629
1953					
Under \$25,000.....	11	32	59,676	36,850	103,015
\$ 25,000 to under \$ 50,000.....	1	125	295,555	263,670	715,945
\$ 50,000 " " \$ 100,000.....	10				
\$ 100,000 " " \$ 500,000.....	13	419	1,131,216	1,379,931	3,897,580
\$ 500,000 " " \$1,000,000.....	7	503	1,194,203	1,914,806	4,466,433
\$1,000,000 " " \$5,000,000.....	17	4,793	13,499,366	18,196,102	42,513,948
\$5,000,000 and over.....	13	16,728	54,814,627	92,545,335	239,038,538
Total .....	72	22,600	70,994,643	114,336,694	290,735,459

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 3. Comparative Summary of Production, 1933-1953

Year	Tires and tubes	Footwear	Other products	Total selling value of all products
	Total selling value	Total selling value	Total selling value	
	\$	\$	\$	\$
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 <sup>1</sup>	169,511,036
1945.....	85,239,780	24,645,897	71,527,549 <sup>1</sup>	181,413,226
1946.....	73,616,630	26,223,520	59,567,963 <sup>1</sup>	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

1. Synthetic Rubber included in 1944, 1945 and 1946.

TABLE 4. Production of Tires, by Types, Quantities and Value, 1939-1953

	First line	Second line	Third line	Fourth line	Total tires	Total selling value
	No.	No.	No.	No.	No.	\$
Balloon, passenger car:						
(a) Standard:						
1939.....	678,675	191,167	528,059	—	1,397,901	9,040,511
1940.....	647,414	90,550	241,107	529,098	1,508,169	10,100,992
1941.....	567,479	152,815	183,949	519,726	1,423,969	10,501,862
1942.....	38,001	3,155	5,176	10,276	56,608	565,464
1943.....	194,816	19,296	27,779	32,424	274,315	2,721,706
1944.....	855,234	—	—	—	855,234	9,945,081
1945.....	1,303,151	—	—	—	1,303,151	15,239,960
1946.....	1,894,893	—	—	—	1,894,893	21,692,164
1947.....	2,835,203	—	—	—	2,835,203	31,269,025
1948.....	2,597,292	—	—	—	2,597,292	30,734,996
1949.....	2,597,076	62,118	—	—	2,659,194	31,721,488
1950.....	3,164,087	303,475	—	—	3,467,562	49,363,221
1951.....	2,900,612	398,669	—	—	3,299,281	57,161,569
1952.....	2,657,913	620,446	—	—	3,278,359	53,967,624
1953.....	3,580,275	867,633	—	—	4,447,908	67,264,951
(b) Heavy duty:						
1939.....	406,256	99,661	105,143	—	611,060	5,474,619
1940.....	290,032	53,166	86,061	98,690	527,949	5,172,537
1941.....	298,622	70,683	81,976	105,940	557,221	5,621,792
1942.....	18,591	1,571	2,359	1,084	23,605	343,079
1943.....	15,919	—	—	1	15,920	251,593
1944.....	175,437	—	—	—	175,437	2,600,169
1945.....	267,397	—	—	—	267,397	3,921,965
1946.....	527,479	—	—	—	527,479	7,668,908
1947.....	788,962	—	—	—	788,962	10,553,886
1948.....	521,357	—	—	—	521,357	7,268,689
1949.....	399,097	481	—	—	399,578	5,562,147
1950.....	421,986	988	—	—	422,974	6,546,271
1951.....	509,142	1,079	—	—	510,221	10,175,885
1952.....	377,905	9,018	—	—	386,923	7,055,944
1953.....	263,568	446	—	—	264,014	4,209,558
Balloon, bus, truck, etc.:						
1939.....	233,864	16,050	563	—	250,477	5,649,343
1940.....	394,920	10,714	2,029	—	407,663	14,014,599
1941.....	962,017	24,264	13	—	986,294	36,096,311
1942.....	1,319,827	1,252	—	—	1,321,079	55,953,421
1943.....	1,191,421	2,566	—	—	1,193,987	53,169,169
1944.....	942,756	—	—	—	942,756	44,522,680
1945.....	1,120,788	—	—	—	1,120,788	50,353,336
1946.....	678,232	—	—	—	678,232	28,683,435
1947.....	1,188,733	—	—	—	1,188,733	49,966,091
1948.....	1,090,801	—	—	—	1,090,801	45,654,694
1949.....	804,794	1,324	—	—	806,118	35,233,036
1950.....	933,247	15,936	—	—	949,183	52,944,229
1951.....	1,062,845	19,632	—	—	1,082,477	79,269,628
1952.....	943,167	37,630	—	—	980,797	68,586,522
1953.....	846,736	56,382	—	—	903,118	60,257,087
High pressure:						
(a) 30 x 3½:						
1939.....	397	7,300	36,397	—	44,094	171,532
1940.....	48	3,158	7,552	24,773	35,531	138,358
1941.....	201	3,787	6,673	24,683	35,346	151,514
1942.....	—	—	53	406	459	1,804
1943.....	2,875	—	—	329	3,204	27,023
1944.....	8,974	—	—	—	8,974	75,307
1945.....	13,440	—	—	—	13,440	118,394
1946.....	17,331	—	—	—	17,331	136,134
1947.....	33,477	—	—	—	33,477	255,134
1948.....	20,507	—	—	—	20,507	162,432
1949.....	8,673	—	—	—	8,673	70,962
1950.....	2,240	—	—	—	2,240	21,357
1951.....	1,746	—	—	—	1,746	19,990
1952-1953.....	1	—	—	—	1	1

1. Included with "Other tires" as less than three firms reporting.

TABLE 4. Production of Tires, by Types, Quantities and Values, 1939-1953 - Continued

	First line	Second line	Third line	Fourth line	Total tires	Total selling value
	No.	No.	No.	No.	No.	\$
(b) Other passenger:						
1939 .....	134	2,922	404	-	3,460	32,507
1940 .....	58	398	1,775	-	2,231	17,104
1941 .....	19	424	911	-	1,354	11,936
1942 .....	-	-	50	-	50	217
1943-1953 .....	-	-	-	-	-	-
(c) Bus and truck:						
1939 .....	262,964	44,319	4,780	-	312,063	6,823,512
1940 .....	206,346	30,086	21,105	-	257,537	6,412,446
1941 .....	30,425	15,771	4,322	-	50,518	1,503,306
1942 .....	6,185	640	40	-	6,865	288,680
1943 .....	2,455	-	-	-	2,455	113,989
1944 .....	1,252	-	-	-	1,252	74,103
1945 .....	46,253	-	-	-	46,253	2,211,713
1946 .....	17,057	-	-	-	17,057	670,344
1947 .....	376	-	-	-	376	22,128
1948 .....	295	-	-	-	295	17,461
1949-1952 .....	1	-	-	-	1	1
1953 .....	-	-	-	-	-	-
Metric:						
1939 .....	677	138	386	-	1,201	8,352
1940 .....	2,747	63	-	-	2,810	18,427
1941 .....	1,372	-	-	-	1,372	8,916
1942-1946 .....	-	-	-	-	-	-
1947-1952 .....	1	-	-	-	1	1
1953 .....	-	-	-	-	-	-
Motorcycle:						
1939 .....	9,437	-	-	-	9,437	40,025
1940 .....	10,059	-	-	-	10,059	48,176
1941 .....	13,155	-	-	-	13,155	76,611
1942 .....	13,115	-	-	-	13,115	74,105
1943 .....	110	852	-	-	952	5,478
1944 .....	429	-	-	-	429	3,288
1945 .....	4,327	-	-	-	4,327	30,836
1946 .....	11,264	-	-	-	11,264	87,511
1947 .....	23,396	-	-	-	23,296	179,359
1948 .....	11,819	-	-	-	11,819	100,671
1949 .....	7,842	-	-	-	7,842	66,588
1950 .....	6,936	-	-	-	6,936	81,848
1951 .....	9,625	-	-	-	9,625	107,680
1952 .....	2,889	-	-	-	2,889	47,304
1953 .....	4,287	-	-	-	4,287	51,143
Bicycle:						
1939 .....	70,633	205,422	17,066	-	383,121	266,852
1940 .....	71,079	140,315	132,986	103,094	447,474	304,323
1941 .....	116,968	211,257	224,691	63,317	616,233	443,558
1942 .....	50,008	176,763	165,888	815	393,474	302,650
1943 .....	12,335	166,310	140,179	90,640	409,464	325,398
1944 .....	10,230	197,461	140,079	116,279	464,049	386,516
1945 .....	14,128	239,485	154,236	160,433	568,282	456,451
1946 .....	29,335	284,956	152,684	139,567	606,542	457,194
1947 .....	262,235	527,148	-	-	789,383	852,906
1948 .....	536,803	174,254	-	-	738,057	826,206
1949 .....	418,880	102,106	-	-	520,986	569,293
1950 .....	430,866	180,315	-	-	611,181	719,391
1951 .....	387,309	127,017	-	-	514,326	744,990
1952 .....	240,662	114,520	-	-	355,182	482,616
1953 .....	362,958	161,445	-	-	524,403	627,373
Implement and tractor:						
1939 .....	22,670	-	90	-	22,760	355,208
1940 .....	59,460	-	-	-	59,460	877,414
1941 .....	84,161	-	-	-	84,161	1,823,305
1942 .....	19,704	-	-	-	19,704	418,124
1943 .....	16,534	-	-	-	16,534	364,625
1944 .....	144,313	-	-	-	144,313	3,707,195
1945 .....	138,248	-	-	-	138,248	3,430,501

1. Included with "Other tires" as only 1 firm reporting.

TABLE 4. Production of Tires, by Types, Quantities and Values, 1939-1953—Continued

	First line	Second line	Third line	Fourth line	Total tires	Total selling value
						\$
<b>Implement and tractor—Con.:</b>						
1946.....	236,366	—	—	—	236,866	5,398,237
1947.....	489,676	—	—	—	489,676	8,350,895
1948.....	590,059	—	—	—	590,059	11,097,463
1949.....	606,915	—	—	—	606,915	12,715,858
1950.....	544,972	—	—	—	544,972	12,282,465
1951.....	590,932	—	—	—	590,932	14,190,310
1952.....	496,245	—	—	—	496,245	11,677,091
1953.....	448,110	—	—	—	448,110	9,678,456
<b>Horse-drawn vehicle:</b>						
(a) Pneumatic:						
1939.....	1,568	—	149	—	1,717	10,374
1940.....	827	—	—	585	1,412	8,808
1941.....	1,019	—	47	124	1,190	4,901
1942.....	—	—	—	4	4	24
1943.....	—	—	—	—	—	—
1944.....	180	—	—	—	180	2,135
1945.....	189	—	—	—	189	2,147
1946-1953.....	—	—	—	—	—	—
(b) Solid:						
1939.....	300	—	—	—	300	900
1940.....	—	—	250	—	250	750
1941-1943.....	—	—	—	—	—	—
1944.....	—	50	—	—	50	600
1945.....	625	—	—	—	625	5,145
1946.....	351	—	—	—	351	3,597
1947-1953.....	—	—	—	—	—	—
<b>Automotive vehicle, solid:</b>						
1939.....	760	—	—	—	760	12,637
1940.....	1,433	—	—	—	1,433	24,018
1941.....	2,032	—	—	—	2,032	31,454
1942-1953.....	—	—	—	—	—	—
<b>Industrial:</b>						
1939.....	544	—	—	—	544	2,199
1940.....	2,661	2,420	—	—	5,081	16,070
1941.....	7,598	1,736	—	—	9,334	33,450
1942.....	5,613	2,869	—	—	8,482	77,794
1943.....	3,777	—	—	—	3,777	66,386
1944.....	5,360	—	—	—	5,360	84,050
1945.....	7,429	—	—	—	7,429	107,419
1946.....	9,443	—	—	—	9,443	89,665
1947.....	30,050	—	—	—	30,050	191,077
1948.....	16,864	—	—	—	16,864	125,661
1949.....	13,073	—	—	—	13,073	125,359
1950.....	20,293	—	—	—	20,293	192,445
1951.....	20,805	—	—	—	20,805	251,837
1952.....	22,948	—	—	—	22,948	228,190
1953.....	25,352	—	—	—	25,352	259,883
<b>Aeroplane:</b>						
1939.....	—	—	—	—	—	—
1940.....	8,054	—	—	—	8,054	134,032
1941.....	48,939	—	—	—	48,939	1,027,037
1942.....	103,381	—	—	—	103,381	2,357,227
1943.....	65,232	—	—	—	65,232	2,092,448
1944.....	75,273	—	—	—	75,273	2,763,901
1945.....	11,893	—	—	—	11,893	740,978
1946.....	741	—	—	—	741	27,353
1947.....	418	—	—	—	418	31,274
1948.....	307	—	—	—	307	20,510
1949.....	1,831	—	—	—	1,831	182,492
1950.....	2,655	—	—	—	2,655	194,750
1951.....	3,388	—	—	—	3,388	262,807
1952.....	18,352	—	—	—	18,352	881,076
1953.....	19,893	—	—	—	19,893	823,469

## RUBBER PRODUCTS

TABLE 4. Production of Tires, by Types, Quantities and Values, 1939-1953 — Concluded

—	First line	Second line	Third line	Fourth line	Total tires	Total selling value
	No.	No.	No.	No.	No.	\$
<b>Other:</b>						
1939-1941 .....	—	—	—	—	—	—
1942 .....	15,196	—	—	—	15,196	80,051
1943 .....	1,949	—	—	—	1,949	9,499
1944 .....	6,605	—	—	—	6,605	44,726
1945 .....	7,551	—	—	—	7,551	54,818
1946 .....	6,730	—	—	—	6,730	30,676
1947 .....	11,783	—	—	—	11,783	57,727
1948 .....	19,081	—	—	—	19,081	65,006
1949 .....	8,801	—	—	—	8,801	94,401
1950 .....	9,849	—	—	—	9,849	55,711
1951 .....	17,264	—	—	—	17,264	112,752
1952 .....	40,580	—	—	—	40,580	93,501
1953 .....	27,371	—	—	—	27,371	60,477
<b>Total Tires:</b>						
1939 .....	1,688,879	656,979	693,037	—	3,038,895	27,888,571
1940 .....	1,695,138	330,870	492,865	756,240	3,275,113	37,288,054
1941 .....	2,134,007	480,737	502,584	713,790	3,831,118	57,335,953
1942 .....	1,589,621	186,250	173,566	12,585	1,962,022	60,462,640
1943 .....	1,507,413	189,024	167,958	123,394	1,987,789	59,147,314
1944 .....	2,226,033	197,511	140,079	116,279	2,679,902	64,209,751
1945 .....	2,935,419	239,485	154,236	160,433	3,489,573	76,673,663
1946 .....	3,429,722	284,956	152,684	139,567	4,006,929	64,945,218
1947 .....	5,664,209	527,148	—	—	6,191,357	101,729,502
1948 .....	5,432,185	174,254	—	—	5,606,439	96,073,789
1949 .....	4,866,982	166,029	—	—	5,033,011	86,341,624
1950 .....	5,537,131	500,714	—	—	6,037,845	122,401,683
1951 .....	5,503,668	546,397	—	—	6,050,065	162,297,454
1952 .....	4,800,661	781,614	—	—	5,582,275	143,019,868
1953 .....	5,578,550	1,085,906	—	—	6,664,456	143,232,397

TABLE 5. Production of Tubes, by Types, Quantities and Values, 1939-1953

—	First line	Second line	Third line	Total	Total selling value
	No.	No.	No.		
<b>Pasenger car:</b>					
1939 .....	792,735	172,419	937,599	1,902,753	2,008,224
1940 .....	810,423	177,369	884,292	1,872,084	2,189,655
1941 .....	773,666	217,936	958,702	1,950,304	2,531,314
1942 .....	60,344	4,275	16,185	80,804	184,965
1943 .....	76,254	16,269	21,706	114,229	233,734
1944 .....	701,728	540	—	702,268	1,442,906
1945 .....	1,460,241	—	—	1,460,241	2,949,991
1946 .....	2,397,023	—	—	2,397,023	4,781,076
1947 .....	2,927,586	—	—	2,927,586	5,657,611
1948 .....	2,803,011	—	—	2,803,011	5,880,629
1949 .....	2,623,955	—	—	2,623,955	5,636,105
1950 .....	3,324,185	—	—	3,324,185	7,966,929
1951 .....	2,802,043	—	—	2,802,043	7,376,668
1952 .....	2,766,498	—	—	2,766,498	5,980,835
1953 .....	3,694,616	—	—	3,694,616	8,499,304

TABLE 5. Production of Tubes, by Types, Quantities and Values, 1939-1953 — Continued

	First line	Second line	Third line	Total	Total selling value
	No.	No.	No.	No.	\$
<b>Bus and truck:</b>					
1939 .....	264,571	158,769	401	423,741	1,369,026
1940 .....	496,306	45,481	5,675	547,462	1,709,940
1941 .....	894,344	24,856	17,202	936,402	3,383,314
1942 .....	1,284,508	3,816	353	1,288,677	5,258,199
1943 .....	1,123,206	—	2	1,123,208	4,909,978
1944 .....	781,992	—	—	781,992	3,864,703
1945 .....	1,022,026	—	—	1,022,026	4,544,563
1946 .....	609,423	—	—	609,423	2,608,925
1947 .....	929,025	—	—	929,025	3,704,682
1948 .....	705,160	—	—	705,160	2,826,099
1949 .....	618,265	—	—	618,265	2,456,487
1950 .....	696,691	—	—	696,691	3,238,355
1951 .....	796,677	—	—	796,677	4,052,001
1952 .....	729,564	—	—	729,564	3,702,726
1953 .....	646,745	—	—	646,745	3,233,942
<b>Implement and tractor:</b>					
1939 .....	21,655	—	—	21,655	55,896
1940 .....	57,324	—	—	57,324	166,956
1941 .....	77,857	—	—	77,857	290,517
1942 .....	20,242	—	—	20,242	77,881
1943 .....	11,722	—	—	11,722	54,807
1944 .....	120,476	—	—	120,476	622,811
1945 .....	147,632	—	—	147,632	712,926
1946 .....	242,452	—	—	242,452	1,020,458
1947 .....	456,682	—	—	456,682	1,145,577
1948 .....	599,070	—	—	599,070	1,744,872
1949 .....	593,486	—	—	593,486	1,906,343
1950 .....	545,812	—	—	545,812	1,887,807
1951 .....	602,079	—	—	602,079	2,261,670
1952 .....	515,132	—	—	515,132	1,595,046
1953 .....	407,855	—	—	407,855	1,237,786
<b>Bicycle:</b>					
1939 .....	178,375	937	217,176	396,488	95,707
1940 .....	229,194	124,728	115,321	469,243	157,083
1941 .....	297,812	128,834	131,989	558,635	192,401
1942 .....	245,598	140,475	41,676	427,749	153,074
1943 .....	144,642	147,206	95,049	386,897	138,656
1944 .....	348,910	52,640	30,308	431,858	189,471
1945 .....	474,037	16,000	—	490,037	225,561
1946 .....	525,245	17,835	—	543,080	230,564
1947 .....	857,360	53,159	—	910,519	543,900
1948 .....	802,890	55,754	—	858,644	576,136
1949 .....	541,924	—	—	541,924	310,826
1950 .....	605,519	—	—	605,519	362,011
1951 .....	488,533	—	—	488,533	328,971
1952 .....	396,378	—	—	396,378	244,026
1953 .....	454,483	—	—	454,483	281,453

TABLE 5. Production of Tubes, by Types, Quantities and Values, 1939-1953 — Concluded

	First line	Second line	Third line	Total	Total selling value
	No.	No.	No.	No.	\$
<b>Aeroplane:</b>					
1939	—	—	—	—	—
1940	9,931	—	—	9,931	41,337
1941	57,744	—	—	57,744	279,547
1942	91,407	—	—	91,407	671,584
1943	46,246	—	—	46,246	235,370
1944	28,628	—	—	28,628	188,531
1945	9,336	—	—	9,336	93,896
1946	515	—	—	515	3,337
1947	610	—	—	610	5,693
1948	363	—	—	363	6,995
1949	325	—	—	325	3,200
1950	1,851	—	—	1,851	9,767
1951	1,213	—	—	1,213	9,025
1952	13,230	—	—	13,230	79,915
1953	10,756	—	—	10,756	52,437
<b>Motorcycle (included under "all other" 1939-1944):</b>					
1945	3,035	—	—	3,035	4,593
1946	10,031	—	—	10,031	16,309
1947	21,640	—	—	21,640	30,999
1948	14,912	—	—	14,912	27,345
1949	10,457	—	—	10,457	17,743
1950	11,939	—	—	11,939	29,469
1951	9,639	—	—	9,639	21,847
1952	4,516	—	—	4,516	7,690
1953	5,056	—	—	5,056	9,055
<b>All other:</b>					
1939	7,560	—	—	7,560	10,767
1940	4,902	—	—	4,902	6,707
1941	14,068	—	—	14,068	17,580
1942	14,911	—	—	14,911	22,712
1943	821	—	—	821	994
1944	1,723	—	—	1,723	3,618
1945	6,099	—	—	6,099	34,587
1946	8,028	—	—	8,028	10,743
1947	24,150	—	—	24,150	31,592
1948-1953	—	—	—	—	—
<b>Total tubes:</b>					
1939	1,264,896	332,125	1,155,176	2,752,197	3,539,620
1940	1,608,080	347,578	1,005,288	2,960,946	4,271,678
1941	2,115,491	371,626	1,107,893	3,595,010	6,694,673
1942	1,717,010	148,566	58,214	1,923,790	6,368,415
1943	1,402,891	163,475	116,757	1,683,123	5,572,819
1944	1,983,457	53,180	30,308	2,066,945	6,312,040
1945	3,122,406	16,000	—	3,138,406	8,566,117
1946	3,792,717	17,835	—	3,810,552	8,671,412
1947	5,217,053	53,159	—	5,270,212	11,120,054
1948	4,925,406	55,754	—	4,981,160	11,062,076
1949	4,388,412	—	—	4,388,412	10,330,704
1950	5,185,997	—	—	5,185,997	13,494,338
1951	4,700,184	—	—	4,700,184	14,050,182
1952	4,425,318	—	—	4,425,318	11,610,238
1953	5,219,511	—	—	5,219,511	13,313,977

Note. For summary figures on production of tires and inner tubes previous to 1939, see 1951 report on the Rubber Products Industry.

## FOOTWEAR PRODUCTION

The production of rubber footwear is shown by classes, quantity and selling value at the factory in Table 6 for the years 1952 and 1953. There was

an increase of 52,214 in the number of pairs of all classes manufactured and a decrease of \$3,192,273 in their selling value.

TABLE 6. Rubber Footwear Production by Classes

Kind	1952		1953	
	Quantity	Selling value	Quantity	Selling value
	Pairs	\$	Pairs	\$
Boots, all rubber:				
(a) Knee, stormking and hip.....	1,616,677	5,422,245	1,317,702	4,402,361
(b) Lumbermen's, etc.....	601,232	2,112,925	569,605	2,346,477
Boots, rubber bottoms and leather tops:				
Lumbermen's, etc.....	180,231	1,610,081	132,402	965,274
Bottoms for leather tops.....	228,783	590,496	226,283	567,697
Overshoes and goloshes:				
(a) Cloth uppers.....	1,283,682	6,299,063	1,291,957	5,963,172
(b) All rubber, lined and unlined.....	3,920,361	13,072,416	4,029,612	11,613,564
Light and heavy rubbers.....	3,746,231	4,543,665	3,407,248	4,074,745
Bathing shoes.....	1	1	1	1
Utility footwear, with canvas or other fabric tops....	2,303,606	5,124,209	2,855,439	5,424,689
Leather footwear.....	1	1	1	1
Other footwear.....	159,469	333,574	262,238	558,422
Total footwear.....	14,040,272	39,108,674	14,092,486	35,916,401

1. Included in "Other footwear".

TABLE 7. Other Products of the Rubber Products Industry

	Unit of measure	1952		1953	
		Quantity	Selling value at the works	Quantity	Selling value at the works
			\$		\$
Clothing, rubber, rubberized, waterproof, etc.	doz.	49,314	2,414,928	47,031	1,858,824
Rubberized and waterproofed fabrics .....	sq. yd.	863,136	290,933	442,310	174,845
Artificial and imitation leather.....	"	2,150,918	2,431,550	1,984,866	2,182,594
Rubber and composition soles .....	pr.	4,980,845	1,790,811	6,234,011	2,219,075
Rubber and composition half-soles .....	"	1,006,919	291,844	1,058,202	320,594
Rubber and composition heels .....	"	13,785,961	1,534,085	15,973,782	1,958,447
Rubber soling and rubber slabs for heels, etc.	lb.	12,567,683	3,619,180	11,656,776	3,540,782
Rubber belting-conveyor .....	"	4,819,501	4,610,302	4,626,924	4,335,040
Rubber belting-transmission .....	"	2,625,322	2,827,566	1,606,265	1,733,050
Fan belts for automobiles .....	No.	1,555,577	974,903	1,538,547	925,149
Other rubber belts .....	"	1,672,279	2,459,144	1,822,162	2,449,690
Rubber hose.....	lb.	11,151,659	9,607,233	13,731,352	9,361,827
Rubber tubing .....	"	474,879	294,525	420,681	255,789
Rubber packing .....	"	1,137,850	453,949	1,562,579	585,184
Rubber supplies for plumbers, etc. (washers, plugs, etc.) .....	-	-	1,555,755	-	1,677,098

TABLE 7. Other Products of the Rubber Products Industry — Concluded

	Unit of measure	1952		1953	
		Quantity	Selling value at the works	Quantity	Selling value at the works
Rubber thread, covered and not covered .....	lb.	598,219	\$ 1,303,241	701,313	\$ 1,443,998
Rubber, hard, in sheets, strips and rods .....	"	169,407	186,844	171,013	183,840
Rubber and friction tape .....	"	2,183,369	1,602,728	2,340,590	1,634,571
Rubber covered rolls .....	—	—	1,076,515	—	956,786
Rubber roll covering .....	lb.	295,992	798,482	254,850	638,567
Rubber coverings and linings, for tanks, pipes, etc. ....	"	585,323	1,288,267	614,196	1,354,301
Rubber floor mats, matting, stair treads, etc. ....	"	2,591,616	810,281	2,270,043	749,550
Rubber mats for automobiles .....	No. sq. ft.	793,833	1,805,301	1,056,322	2,350,367
Mats for doors, etc. made from scrap rubber .....	sq. ft.	258,882	256,765	238,653	243,125
Rubber tiling and flooring .....	lb.	9,510,718	2,454,896	10,299,105	2,642,896
Rubber tires and tiring, for baby carriages, etc. ....	"	1,017,137	192,450	1,375,622	266,012
Repair gums and fabrics .....	"	865,128	987,978	858,511	715,516
Other unvulcanized gums .....	"	1,441,949	441,386	1,064,903	364,744
Camel back .....	"	6,107,291	2,898,732	7,956,515	2,989,283
Cured rubber, in slabs .....	"	74,035	82,877	44,539	31,534
Cements and adhesives .....	gal.	490,570	1,207,975	524,665	1,172,314
Air and steam bags .....	No.	12,324	260,061	1	1
Tire and tube patches (boots, re-liners, etc.) .....	"	4,344,591	877,056	3,215,229	975,154
Tube repair kits .....	"	713,266	275,872	790,678	296,413
Tire flaps .....	"	335,547	773,516	325,044	587,517
Rim strips .....	"	1	1	1	1
Battery containers .....	—	—	2,550,516	—	2,669,746
Battery covers, vents, etc. ....	—	—	—	—	—
Rubber automotive and aeroplane parts, n.e.s. ....	lb.	7,981,423	4,357,694	14,895,003	5,176,679
Druggists' and medical sundries:					
Hot water bottles .....	doz.	16,532	171,927	18,504	157,243
Fountain syringes .....	"	2,672	38,003	2,925	41,620
Bulb syringes and bulbs .....	"	19,022	59,777	21,125	90,597
Combination attachment sets .....	"	2,918	17,606	3,304	18,957
Nipples and soothers .....	"	417,006	187,326	317,767	141,506
Ice caps and collars, etc. ....	"	2,630	30,570	3,309	38,686
Air cushions, invalid rings, etc. ....	"	794	20,638	1,543	39,537
Gloves, rubber .....	doz. pr.	139,979	583,154	141,402	605,436
Gloves, rubberized and plastic coated .....	"	54,236	414,321	40,857	341,322
Air and sponge mattresses and sleeping pads .....	No.	16,962	416,651	—	177,993
Crib sheets, rubber and plastic .....	doz.	23,003	109,724	14,085	64,913
Sheets, other (rubber, rubberized, etc.) .....	"	1,587	27,157	6,476	143,704
Rubber and oiled sheeting (hospital, crib, etc.) .....	sq. yd.	111,328	117,786	84,990	80,731
All other (trusses and pads, finger cots, etc.) .....	—	—	9,153	—	10,814
Rubber jar rings .....	lb.	1,134,528	653,417	1,013,489	603,642
Rubber weatherstripping .....	"	530,705	243,314	432,522	256,010
Rubber, rubberized and plastic aprons .....	doz.	28,151	96,624	28,037	117,097
Baby pants, rubber, oiled silk, plastic, etc. ....	"	78,060	161,549	75,046	139,266
Sanitary goods, n.e.s. ....	"	507,087	118,906	437,965	110,641
Bathing caps, shower caps, etc. ....	"	20,390	94,285	25,507	122,543
Rubber play balls, including bladders for footballs .....	"	325,847	568,524	373,668	557,150
Rubber toys and novelties (including dolls) .....	"	163,835	615,274	108,086	489,481
Hockey pucks .....	"	23,840	30,979	31,352	39,047
Balloons .....	gross	100,189	326,043	111,484	334,011
Horseshoes, horseshoe pads, etc. ....	doz.	6,037	47,277	3,003	16,053
Moulded rubber goods, n.e.s. ....	lb.	1,337,082	1,490,895	2,056,475	1,709,214
Moulded plastics .....	"	449,477	520,900	706,564	763,193
Sponge and hard rubber mats, pads, cushions, etc. ....	"	260,768	147,193	1,741,742	663,824
Foamed latex .....	"	4,321,499	4,932,623	6,547,434	6,277,147
Soft and sponge rubber goods, n.e.s. ....	"	1,784,073	1,015,153	4,506,243	1,913,190
Hard rubber goods, n.e.s. ....	"	256,011	335,744	328,898	402,042
Latex compounds (natural and synthetic) .....	"	2,517,807	1,365,316	3,222,285	1,522,035
Synthetic resin film (including plastic sheeting) .....	"	2,322,918	2,582,282	2,281,937	2,481,746
Fuel cells, for aircraft, etc. ....	No.	1	1	20,420	4,273,428
Plastics products, n.e.s. (bags, covers, curtains, extrusions, etc.) .....	—	—	888,198	—	1,339,657
All other products (including reclaimed rubber, resin coatings, etc.) .....	—	—	12,831,419	—	11,168,309
Total value of other products .....	—	—	92,915,849	—	98,272,684

1. Included with "All other products".

Note. Production figures given above are not necessarily complete, as some items may appear as major or secondary products in other industries. For the total production reference should be made to the annual report on "The Manufacturing Industries of Canada".

TABLE 8. Materials Used by Quantity and Cost Value

	Unit of measure	1952		1953	
		Quantity	Cost value at factory	Quantity	Cost value at factory
Rubber, raw or crude <sup>1</sup>	lb.	75,081,253	\$ 27,330,694	84,458,528	21,327,234
Rubber, reclaimed <sup>1</sup>	"	31,172,545	3,085,811	31,614,381	3,026,112
Rubber, synthetic <sup>1</sup>	"	71,515,085	18,202,817	76,173,320	18,749,613
Rubber, scrap	"	49,604,600	523,207	47,119,724	429,784
Latex compounds	"	312,754	135,713	491,593	194,898
Rubber, all other	"	—	218,139	—	446,977
Plastics, synthetic resins	"	5,709,893	2,003,255	6,343,570	2,213,286
Plastics, other	"	337,508	198,796	610,295	301,873
Tire fabrics, cotton	"	11,316,831	8,438,131	5,270,227	3,577,539
" " , rayon	"	18,535,698	16,041,624	25,166,695	20,378,578
" " , all other (nylon, etc.)	"	348,776	623,157	483,745	1,122,223
Hose fabrics	"	874,710	688,336	720,245	561,240
Belting duck	"	3,182,088	2,560,861	2,461,581	1,901,825
Shoe fabrics, other than leather	yd.	1,603,308	834,833	2,234,665	1,072,653
Wool jersey	"	55,927	116,490	50,580	72,771
Cashmereette	"	51,731	95,077	30,778	57,072
Miscellaneous cottons	"	11,259,570	4,802,199	9,685,950	3,982,374
Other fabrics, n.e.s.	"	4,657,782	3,009,889	3,059,204	2,336,808
Cotton, fibre and linters	lb.	560,599	85,055	268,840	27,543
Yarns, all kinds	"	850,356	757,069	923,317	835,139
Felt	"	192,181	167,176	168,137	152,336
Jutex	"	1,335,393	241,264	1,205,604	243,410
Fur	"	1,075,729	743,615	1,234,019	762,727
Mouton shearling	"	251,793	299,856	47,615	92,388
Leather	"	423,938	434,117	343,123	358,912
Leather tops for boots	pair	96,685	294,437	86,915	239,187
Carbon black	lb.	50,580,123	4,119,862	54,363,312	4,409,299
Clays and earths	"	27,005,352	411,094	29,041,329	449,909
Mica, ground	"	308,795	27,480	364,685	30,754
Solvents	gal.	2,568,873	745,560	2,553,614	833,103
Sulphur	lb.	4,538,634	226,365	4,950,720	259,251
Whiting	"	11,680,697	142,727	13,291,819	153,750
Litharge	"	28,165	6,377	25,251	4,510
Zinc oxide	"	7,254,006	1,279,232	7,886,934	1,102,356
Talc and soapstone	"	3,233,231	59,997	3,240,799	48,696
Barytes	"	1,026,468	30,241	874,419	27,348
Titanium dioxide	"	1,068,782	249,838	1,067,355	244,107
Accelerators, n.e.s.	"	2,030,733	1,016,992	2,187,941	1,169,578
Dispersing agents, n.e.s.	"	165,641	.58,075	300,074	33,035
Coloring agents, n.e.s.	"	949,437	292,814	1,127,802	336,313
Plasticizers, n.e.s.	"	11,927,005	1,502,773	11,301,040	1,306,239
Anti-oxidants, n.e.s.	"	1,208,565	730,369	1,349,172	808,480
Fillers, n.e.s.	"	7,614,630	497,916	7,411,044	440,261
Other chemicals, n.e.s.	—	—	5,302,224	—	5,302,146
Wire, bead, etc.	lb.	7,071,184	1,136,872	7,679,955	1,249,685
Hardware fittings	—	—	1,706,888	—	1,763,898
Shoe findings	—	—	1,145,918	—	1,209,365
Lacquers, etc. (dispersions of resins)	lb.	622,839	201,248	621,412	225,447
Rubber cement	gal.	54,414	60,952	54,640	81,440
Paints, varnishes, etc.	"	23,969	56,357	47,870	120,841
Thread for sewing	—	—	100,530	—	102,784
Hose jackets	—	—	563,243	—	487,588
Containers and packaging material	—	—	2,726,934	—	3,022,891
All other materials	—	—	4,468,799	—	4,649,118
Total Cost of Materials Used	—	—	120,799,295	—	114,336,694

1. For details of "rubber used" see Tables 15(a), 15(b), 16, 17 and 18.

TABLE 9. Imports of Rubber and Rubber Goods by Articles for the Calendar Years 1952 and 1953

Articles imported	Unit of measure	1952		1953	
		Quantity	Value	Quantity	Value
Balata and gutta-percha, crude .....	lb.	21,330	19,715	27,487	30,549
Natural rubber, crude .....	"	72,600,396	22,063,052	81,825,226	17,862,817
Latex, natural or synthetic .....	"	8,337,709	3,209,926	11,561,844	3,877,888
Synthetic rubber, crude, and other rubber substitutes .....	"	5,513,600	1,728,327	5,498,000	1,862,892
Rubber, hard, in sheets, strips, rods or tubes .....	"	36,808	22,248	85,778	54,563
Rubber, powdered, and rubber waste .....	"	7,734,900	311,312	7,553,600	497,117
Rubber, recovered .....	"	19,570,300	1,835,118	22,599,700	2,005,717
Rubber thread, not recovered .....	"	54,389	83,770	130,285	207,364
Canvas shoes with rubber soles .....	pr.	214,433	155,840	705,110	491,540
Boots and shoes, rubber, n.o.p. ....	"	434,681	646,898	592,324	852,446
Bathing shoes, rubber .....	"	1,516	1,136	5,769	2,770
Tires, bicycle, casings .....	No.	65,419	77,508	168,118	151,899
Tires, bicycle, inner tubes .....	"	68,436	27,723	188,752	62,979
Tires, casings, n.o.p. ....	"	310,265	6,624,845	351,587	5,887,250
Tires, inner tubes, n.o.p. ....	"	283,310	596,116	115,306	288,565
Tires, solid rubber, for automobiles and trucks .....	"	681	16,837	804	21,664
Tires, solid rubber, n.o.p. ....	"	—	124,488	—	203,329
Golf balls .....	doz.	34,454	101,100	31,630	106,909
Heels, rubber .....	pr.	584,450	67,872	787,749	100,130
Soles and soling materials of rubber .....	—	—	464,427	—	562,744
Hose, rubber and rubber lined .....	—	—	1,767,348	—	1,679,371
Belting, rubber .....	—	—	385,271	—	358,708
V-belts, chiefly of rubber .....	—	—	895,159	—	872,520
Cement, rubber .....	—	—	872,519	—	1,138,683
Raincoats of rubber .....	No.	666	2,884	3,119	12,845
Raincoats of water-proofed cotton .....	"	27,781	153,243	21,928	150,718
Clothing, rubber or water-proofed, n.o.p. ....	—	—	239,235	—	218,832
Gloves, rubber .....	doz. pr.	40,998	156,920	51,681	210,321
Hot water bottles, rubber .....	—	—	42,186	—	58,825
Mats and matting, rubber .....	—	—	1,087,553	—	976,587
Flooring and tile of rubber .....	sq. yd.	107,528	271,429	98,650	249,613
Packing, rubber .....	—	—	345,078	—	319,725
Sealing compounds, liquid or paste .....	—	—	166,393	—	122,482
Gaskets and washers, rubber .....	—	—	632,327	—	841,288
Automotive parts of rubber, n.o.p. ....	—	—	1,655,227	—	1,620,269
Druggists' sundries, rubber .....	—	—	756,478	—	863,567
Tire repair material of rubber .....	—	—	410,847	—	385,217
Nursing nipples, rubber .....	Gross	10,237	61,355	6,950	61,669
Weatherstripping of rubber .....	—	—	919,841	—	833,926
Manufactures of rubber and gutta-percha, n.o.p. ....	—	—	3,275,093	—	4,604,456

52,274,644

50,712,754

TABLE 10. Exports of Canadian Produce by Classes for the Calendar Years, 1952 and 1953

Articles exported	Unit of measure	1952		1953	
		Quantity	Value	Quantity	Value
Camelback .....	lb.	1,254,800	464,789	371,000	100,067
Heels of rubber .....	pr.	38,294	4,078	45,165	3,684
Soles of rubber .....	"	20,809	11,089	3,507	2,007
Soling slabs of rubber .....	lb.	20,370	7,391	7,566	3,150
Waste rubber .....	"	12,932,000	236,136	20,098,800	313,383
Fan belts of rubber .....	—	—	199,694	—	100,843
Belting of rubber, n.o.p. ....	lb.	703,925	674,324	242,550	214,339
Hose of rubber .....	—	—	571,880	—	411,314
Canvas shoes with rubber soles .....	pr.	26,434	59,343	19,221	48,194
Boots and shoes of rubber, n.o.p. ....	"	182,765	530,735	103,068	287,485
Clothing, rubber and water-proofed .....	—	—	93,651	—	102,476
Tires for motor vehicles:					
Pneumatic tire casings .....	No.	498,785	13,650,104	201,566	5,467,535
Inner tubes .....	"	216,004	707,177	152,606	523,266
Tires for vehicles, n.o.p. (chiefly aircraft) .....	"	3,449	33,168	4,174	50,699
Manufactures of rubber, n.o.p. ....	—	—	447,168	—	677,809

17,690,727

8,334,251

TABLE 11. Employees, by Sex and Renumeration

	Salaried employees			Wage-earners (monthly averages)			Total employees salaries and wages		
	Male	Female	Salaries	Male	Female	Wages	Male	Female	Salaries and wages
No.	No.	\$	No.	No.	\$	No.	No.	\$	
1952									
Canada .....	3,884	1,438	19,007,855	12,357	3,903	46,469,828	16,241	5,341	65,477,683
Quebec .....	931	323	4,410,302	3,348	1,537	11,873,913	4,279	1,860	16,284,215
Ontario .....	2,943	1,114	14,560,119	8,981	2,365	34,523,791	11,924	3,479	49,083,910
Other Provinces .....	10	1	37,434	28	1	72,124	38	2	109,558
1953									
Canada .....	4,009	1,555	20,205,742	12,945	4,091	50,788,901	16,954	5,646	70,994,643
Quebec .....	862	363	4,705,471	3,411	1,647	12,865,816	4,273	2,010	17,571,287
Ontario .....	3,135	1,190	15,461,129	9,502	2,440	37,828,577	12,637	3,630	53,289,706
Other Provinces .....	12	2	39,142	32	4	94,508	44	6	133,650

TABLE 12. Monthly Employment of Wage-earners, by Sex

	1952			1953		
	Male	Female	Total	Male	Female	Total
				No.	No.	No.
January .....	12,282	3,615	15,897	12,972	4,104	17,076
February .....	12,356	3,683	16,039	13,117	4,265	17,382
March .....	12,419	3,644	16,063	13,124	4,211	17,335
April .....	12,496	3,679	16,175	13,009	4,087	17,096
May .....	12,563	3,665	16,228	12,993	4,064	17,057
June .....	11,455	3,576	15,031	13,096	4,090	17,186
July .....	11,650	3,774	15,424	13,098	4,214	17,312
August .....	11,797	4,131	15,928	13,317	4,329	17,646
September .....	11,924	4,247	16,171	13,254	4,384	17,638
October .....	13,282	4,511	17,793	12,779	4,083	16,862
November .....	13,073	4,219	17,292	12,382	3,738	16,120
December .....	12,957	4,051	17,008	12,153	3,524	15,677
Monthly average .....	12,357	3,903	16,260	12,943	4,091	17,036

TABLE 13. Consumption of Fuel and Electricity, 1948 and 1953

Kind	Unit of measure	1948		1953	
		Quantity	Cost at plant	Quantity	Cost at plant
Bituminous coal.			\$		\$
(a) From Canadian mines.....	ton	5,837	66,055	6,108	74,711
(b) Imported.....	"	129,710	1,313,926	143,495	1,517,817
Anthracite coal.....	"	17	346	1,019	13,126
Coke.....	"	263	2,326	—	—
Gasoline (including gasoline used in cars and trucks)	gal.	55,408	20,580	143,526	47,494
Kerosene or coal oil.....	"	4,562	982	7,644	1,412
Fuel oil.....	"	1,561,766	189,399	1,591,168	171,492
Manufactured gas.....	M. cu. ft.	27,571	24,885	24,666	28,106
Natural gas.....	" " "	374	317	930	949
Other fuel.....	—	—	78,227	—	—
Electricity purchased.....	Kw. h.	177,376,168	1,191,491	250,293,275	1,869,603
<b>Total.....</b>			<b>2,888,534</b>		<b>3,724,710</b>

TABLE 14. Power Equipment, 1948 and 1953

Description	1948		1953	
	Number of units	Total h.p. (according to manufacturers' rating)	Number of units	Total h.p. (according to manufacturers' rating)
Steam engines:				
In use.....	12	900	4	430
Idle.....	5	300	3	155
Steam turbines:				
In use.....	3	4,500	14	5,190
Idle.....	3	130	7	263
Gasoline, gas and oil engines:				
In use.....	—	—	1	100
Idle.....	—	—	2	82
Hydraulic turbines or water wheels:				
In use.....	4	1,300	3	1,500
Idle.....	—	—	—	—
Electric motors operated by purchased power:				
In use.....	10,758	102,847	12,566	130,374
Idle.....	770	3,860	894	4,078
<b>Total Power available for Manufacturing.....</b>	<b>11,555</b>	<b>113,837</b>	<b>13,494</b>	<b>142,172</b>
Electric motors operated by power generated in the establishment:				
In use.....	261	1,869	8	270
Idle.....	—	—	—	—
Boilers for power purposes only:				
In use.....	58	14,816	20	10,014
Idle.....	9	1,850	11	3,675

Note. Detailed information on "Power Equipment" and "Fuel Consumption" is only collected every five years.

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 1954, reference should be made to the "Monthly Report on Consumption, Production and Inventories of Rubber".

TABLE 15 (a). Consumption of Synthetic Rubber, by Types and by Months

Year and month	Buna S	Butyl	Neoprene	Other	Total
Pounds					
1953					
January .....	5,537,097	950,077	311,717	169,346	6,968,237
February .....	6,147,469	983,260	315,225	170,816	7,616,770
March .....	6,026,536	1,115,227	323,919	168,224	7,633,906
April .....	6,116,766	954,018	374,056	169,544	7,614,384
May .....	5,670,984	949,100	359,394	144,432	7,123,910
June .....	6,228,278	957,342	365,846	165,183	7,716,649
July .....	5,165,202	755,811	202,335	140,188	6,263,536
August .....	3,923,915	558,862	424,353	118,340	5,025,470
September .....	4,793,468	685,966	380,789	116,233	5,976,456
October .....	4,886,123	671,616	393,033	130,751	6,081,523
November .....	5,033,705	751,808	394,419	131,513	6,311,445
December .....	4,714,911	841,576	400,504	158,351	6,115,342
Total .....	64,244,454	10,174,663	4,245,590	1,782,921	80,447,628

TABLE 15 (b). Consumption of Synthetic Rubber, in Total, by End Products, and by Months, showing also Percentage of Synthetic to all Rubber Consumed

	Synthetic rubber		Used in the manufacture of			
	Total	Percentage of all rubber	Tires and Tubes <sup>1</sup>	Wire and cable	Footwear <sup>2</sup>	Other products
000's pounds		%	000's pounds			
1953						
January .....	6,968	42.8	4,673	385	797	1,113
February .....	7,617	42.6	4,981	391	959	1,286
March .....	7,634	42.5	5,050	391	896	1,297
April .....	7,614	43.8	5,055	447	862	1,250
May .....	7,124	42.4	4,918	356	669	1,181
June .....	7,716	43.2	5,247	425	792	1,252
July .....	6,264	42.5	4,481	166	670	947
August .....	5,026	40.1	2,888	491	647	1,000
September .....	5,976	37.3	3,888	423	629	1,036
October .....	6,082	37.2	3,966	383	651	1,082
November .....	6,311	38.0	4,169	482	584	1,076
December .....	6,115	36.6	3,968	434	601	1,112
Total .....	80,447	40.8	53,284	4,774	8,757	13,632

1. Includes "tire repair material".

2. Includes "heels, soles, etc."

## RUBBER PRODUCTS

TABLE 16. Consumption of Natural Rubber in Total, by End Products, and by Months, showing also percentage of Natural to All Rubber Consumed

Year and month	Natural		Used in the manufacture of			
	Total	Percentage of all rubber	Tires and tubes <sup>1</sup>	Wire and cable	Footwear <sup>2</sup>	Other products
	000's pounds	%	000's pounds			
1953						
January .....	6,589	40.5	4,444	80	626	1,439
February .....	7,346	41.0	4,650	77	768	1,851
March .....	7,302	40.7	4,504	95	798	1,905
April .....	6,921	39.8	4,417	81	745	1,678
May .....	6,945	41.3	4,463	68	727	1,687
June .....	7,204	40.3	4,694	74	716	1,720
July .....	6,070	41.3	4,236	41	537	1,256
August .....	5,489	43.9	3,327	58	822	1,282
September .....	7,249	45.3	4,592	86	843	1,728
October .....	7,574	46.4	5,186	86	877	1,425
November .....	7,658	46.0	5,249	72	649	1,688
December .....	7,808	45.6	5,409	61	360	1,778
Total .....	83,955	42.6	55,171	879	8,468	19,437

TABLE 17. Consumption of Reclaim Rubber in Total, by End Products, and by Months, showing also percentage of Reclaim to All Rubber Consumed

Year and month	Reclaim		Used in the manufacture of			
	Total	Percentage of all rubber	Tires and tubes <sup>1</sup>	Wire and cable	Footwear <sup>2</sup>	Other products
	000's pounds	%	000's pounds			
1953						
January .....	2,726	16.7	1,632	6	195	893
February .....	2,941	16.4	1,635	6	207	1,093
March .....	3,016	16.8	1,708	14	179	1,115
April .....	2,860	16.4	1,531	16	173	1,140
May .....	2,745	16.3	1,561	8	149	1,027
June .....	2,953	16.5	1,722	12	176	1,043
July .....	2,380	16.2	1,523	—	108	749
August .....	2,007	16.0	1,005	9	187	806
September .....	2,790	17.4	1,586	7	161	1,036
October .....	2,683	16.4	1,614	10	206	853
November .....	2,636	16.0	1,678	7	136	815
December .....	2,964	17.8	1,776	9	136	1,043
Total .....	32,701	16.6	18,971	104	2,013	11,613

TABLE 18. Consumption of All Rubber, by Main Types and by End Products Classification, 1953

End products	Natural	Synthetic	Reclaim	Total all rubber
Pounds				
Tires, tubes and tire repair materials .....	55,171,680	53,283,408	18,971,826	127,426,914
Wire and cable .....	880,005	4,774,978	105,157	5,760,140
Footwear (including heels, soles, etc.) .....	8,467,942	8,757,229	2,012,906	19,238,077
Other products .....	19,435,982	13,632,013	11,611,962	44,679,957
Total .....	83,955,609	80,447,628	32,701,851	197,105,088

1. Includes "tire repair materials".

2. Includes "heels, soles, etc.".

## List of Manufacturers of Rubber Products Reporting in 1953

## Index to Main Products

- (1) Rubber Footwear
- (2) Rubber Tires
- (3) Other Products

Name of company	Address	Main products
<b>Quebec:</b>		
The Acton Rubber Ltd.	Acton Vale	(1)
American Biltrite Rubber Co. (Canada) Ltd.	255 Jenckes Lane, Sherbrooke	(3)
American Wringer Co. of Canada Ltd.	Farnham	(3)
Bemis Associates of Canada, Ltd.	1145 Belanger St., Sherbrooke	(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	500 - 20th Ave., Lachine	(1) (2) (3)
Canadian Lastex Ltd.	1665 Notre Dame St. E., Montreal	(3)
Canadian Sponge Rubber Products Ltd.	Waterville	(3)
Canadian Technical Tape Limited	5541 Papineau Ave., Montreal	(3)
Concord Rubber Limited	St. Remi	(1)
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)
General Latex and Chemicals (Canada) Ltd.	425 River St., Verdun	(3)
Girard & Fils Ltée	Montmorency	(3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	Industrial Centre No. 5, Quebec	(3)
The Holtite Rubber Co. of Canada Ltd.	Drummondville	(3)
Jiffy Products Inc.	1461 Metcalfe St., Montreal	(3)
Lion Rubber & Plastics Ltd.	0140 Clement St., Ville Lasalle	(3)
The Miner Rubber Co. Ltd.	191 Denison Ave., Granby	(1) (3)
Peelcoat Industries Reg'd.	201 Laval St., Granby	(3)
Precision Rubber Products (Canada) Ltd.	156 Turgeon St., Ste. Therese	(3)
Rubber Guild Reg'd	2444 Centre St., Montreal	(3)
St. Lawrence Rubber Co. Ltd.	Farnham	(3)
Stedfast Rubber Co. (Canada) Ltd.	Granby	(3)
Tillotson Rubber Co. Ltd.	260 St. Michel St., St. Johns	(3)
Wilkinson Linatex Co. Ltd.	2210 Parthenais St., Montreal	(3)
<b>Ontario:</b>		
Armet Industries Limited (Silicone Division)	Surrey St. E., Guelph	(3)
Barrington Rubber & Plastics Ltd.	331 Reynolds St. N., Oakville	(3)
Bata Shoe Co. of Canada, Ltd.	Batawa	(1) (3)
Biltrite Tire Co. Ltd.	121 de Grassi St., Toronto	(3)
Botsford & McGee Ltd.	86 Niagara St., St. Catharines	(2) (3)
Bowes "Seal Fast" Co. Ltd.	140 Oak Ave., Hamilton	(3)
Canada Matting Company	119 Ossington Ave., Toronto	(3)
Canadian General-Tower Ltd.	Middleton St., Galt	(3)
Canadian Collord Products, Ltd.	985 St. Luke Road, Windsor	(3)
Central Rubber Company	400 Eastern Ave., Toronto	(3)
Dayton Rubber Co. (Canada) Ltd.	3723 Dundas St. W., Toronto	(3)
Domerco Industries Limited	2001 Eglinton Ave. E., Toronto	(3)
Dominion Rubber Co. Ltd.	51 Breithaupt St., Kitchener	(1) (3)
Dominion Rubber Co. Ltd.	149 Strange St., Kitchener	(2) (3)

List of Manufacturers of Rubber Products Reporting in 1953 - Concluded

Name of company	Address	Main products
<b>Ontario - Concluded:</b>		
Dunlop Tire and Rubber Goods Co. Ltd.	870 Queen St. E., Toronto	(2) (3)
Firestone Tire & Rubber Co. of Canada, Ltd.	Beach Road, Hamilton	(2) (3)
The Flex-o-Tube Co. (Canada) Ltd.	938 Walker Road, Windsor	(3)
The B.F. Goodrich Rubber Co. of Canada, Ltd.	521 King St. W., Kitchener	(1) (2) (3)
The Goodyear Tire & Rubber Co. of Canada, Ltd.	Bowmanville	(2) (3)
The Goodyear Tire & Rubber Co. of Canada, Ltd.	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	226 Broadway St., Tillsonburg	(3)
James Hobbs Industries Limited	172 Ontario St., Stratford	(3)
Kaufman Rubber Company, Ltd.	410 King St. W., Kitchener	(1) (3)
Latoplast Products	987 Bloor St. W., Toronto	(3)
Minnesota Mining & Manufacturing of Canada Limited	Box 757, London	(3)
National Rubber Co. Ltd.	5 Wiltshire Ave., Toronto	(3)
Northern-Woodstock Rubber Ltd. (Selling only)	60-62 Front St. W., Toronto	(1)
Novelty Rubber Company	150 Canada Street, Hamilton	(3)
Ontario Fabrix Mat Company	Maryhill	(3)
Parex Industries & Products Limited	217 Richmond St. W., Toronto	(3)
Robinson Moulded Products Ltd.	183 George St., Toronto	(3)
Ruflex Threads, Ltd.	96 Gore St., Hamilton	(3)
Seiberling Rubber Co. of Canada Ltd.	99 Paton Road, Toronto	(2) (3)
Sterling Rubber Co. Ltd.	Guelph	(3)
Stokes Division - The General Tire & Rubber Co. of Canada Ltd.	Welland	(3)
Viceroy Manufacturing Co. Ltd.	1655 Dupont St., Toronto	(3)
Western Rubber Co. of Canada	Alton	(3)
S.C. Williams	Woodbridge	(3)
<b>Manitoba:</b>		
Watson Rubber Mat Company	440 Corydon Ave., Winnipeg	(3)
<b>Alberta:</b>		
Fabrix Rubber Mat Co. Ltd.	10,027 - 92nd St., Edmonton	(3)
<b>British Columbia:</b>		
A.C. Rubber Manufacturing Co. Ltd.	1430 Burrard St., Vancouver	(3)
Huntington Rubber Mills of Canada, Ltd.	Port Coquitlam	(3)
Western Mat Company Ltd.	1603 Franklin St., Vancouver	(3)