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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
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- X — Wood and Paper Products
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- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

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

THE RUBBER PRODUCTS INDUSTRY

1954

Factory shipments by the rubber products industry in 1954 had a total value f.o.b. plant of \$264,184,787. The value of production, calculated by reducing the value of shipments by the \$4,609,152 decrease in the finished goods inventory during the year, was an estimated \$259,575,635. This amount compares with \$290,735,459 in the previous year and represents a decline of approximately 11 per cent.

Decreased activity is indicated in other terms as well. Employment which stood at 22,600 in 1953 fell to 20,894 in 1954 accompanied by a decrease in salary and wage payments from \$70,994,643 to \$67,476,405. Materials consumed in manufacture cost \$106,501,858 in the later year compared with \$114,336,694 in the earlier, a drop of 7 per cent.

The industry in 1954 was comprised of 73 establishments of which 29 were to be found in Quebec, 38 in Ontario, 4 in British Columbia, 1 in Newfoundland and 1 in Alberta. It was practically confined to the provinces of Ontario and Quebec. Ontario accounted for 81 per cent of factory shipments and almost 70 per cent of employment; Quebec for almost 19 per cent of shipments and 30 per cent of employment.

Tires and tubes together accounted for over 53 per cent of the industry's total value of shipments in 1954. Tires, which alone accounted for almost 50 per cent, numbered 6,595,656 and had a factory selling value of \$130,771,056. The number of tubes shipped amounted to 4,428,193 worth \$9,728,090. Footwear ranks second in importance and in the year under review the industry shipped 12,545,217 pairs valued at \$30,449,362. The balance of the industry's output is comprised 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 were valued at \$93,236,279 in 1954. For complete details of shipments, reference should be made to Table 4 for "tires", to Table 5 for "tubes", to Table 6 for "footwear" and to Table 7 for "other products".

Rubber is, of course, the industry's main material. In line with the reduced activity in the industry in 1954 as compared with 1953, the total consumption of rubber was lower in the later year. It is interesting to note that the consumption of natural rubber increased by 8.5 million pounds while the consumption of synthetic fell by about 12.2 million pounds. For complete details of materials used, see Table 8.

Beginning in 1954, statistics were collected on opening and closing inventory values at each plant. A compilation of this information is shown in Table 13.

In table 1, showing principal statistics of the industry, a column has been added headed "value added by manufacture". These figures are obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1954, the value of production was obtained by adding the difference between closing and opening inventory values of finished goods to the value of factory shipments.

The tables following give detailed statistics of products, inventories, materials used, employment, imports and exports.

RUBBER PRODUCTS

TABLE 1. Principal Statistics

Year	Establishments	Total employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Value of production
	No.	No.	\$	\$	\$	\$	\$
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
1936.....	50	11,881	11,954,016	1,256,769	23,598,661	37,199,378	62,054,808
1937.....	50	13,035	14,041,066	1,339,517	31,126,755	41,797,481	74,263,753
1938.....	53	12,879	14,061,788	1,237,518	24,301,221	35,491,971	61,030,710
1939.....	54	14,160	15,603,774	1,331,900	28,814,003	39,799,568	69,945,471
1940.....	52	14,297	16,834,914	1,388,638	38,228,145	43,403,938	83,020,721
1941.....	56	17,191	22,792,376	1,708,717	59,340,321	58,088,738	119,137,776
1942.....	49	15,497	23,413,150	1,758,607	61,576,546	58,896,249	122,231,402
1943.....	51	15,913	25,342,508	1,908,247	68,297,492	59,952,041	130,157,780
1944.....	56	21,421	35,978,717	4,509,841	82,187,888	82,813,307	169,511,036
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							
Canada	72	22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459
Quebec	28	6,283	17,571,287	703,442	20,694,753	31,161,629	52,559,824
Ontario	39	16,267	53,289,706	3,009,217	93,562,852	141,173,937	237,746,006
Other Provinces.....	5	50	133,650	12,051	79,089	338,489	429,629
1954							
Canada	73	20,894	67,476,405	3,999,798	106,501,858	149,073,979	264,184,787 ¹
Quebec	29	6,241	17,747,509	744,138	19,445,110	28,735,856	49,773,548 ¹
Ontario	38	14,529	49,434,804	3,219,948	86,953,292	120,109,371	214,046,655 ¹
Other Provinces.....	6	124	294,092	35,712	103,456	228,752	364,584 ¹

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.

1. Beginning with 1954, the value of factory shipments is being collected in place of the value of production.

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

Size of Establishment	Establishments	Total Employees	Salaries and wages	Cost at plant of materials used	Value of production		
						No.	No.
1953							
Production of:							
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	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		
1954							
Factory shipments of:							
Under \$10,000.....		7	21	36,065	19,327	75,714	
\$10,000 to under \$25,000	2	28	67,573	54,401	172,182	172,182	
\$25,000 " " \$50,000	4						
\$50,000 " " \$100,000	6	140	312,364	147,987	428,450		
\$100,000 " " \$200,000	8	144	416,541	447,645	1,136,779		
\$200,000 " " \$500,000	11	439	1,148,258	1,552,831	3,739,392		
\$500,000 " " \$1,000,000	6	500	1,290,051	1,655,393	4,247,081		
\$1,000,000 " " \$5,000,000	16	4,648	13,539,348	17,218,458	40,569,574		
\$5,000,000 and over	13	14,974	50,666,205	85,405,816	213,815,615		
Total.....	73	20,894	67,476,405	106,501,858	264,184,787		

TABLE 3. Comparative Summary of Production, 1933-1954

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

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

2. Value of factory shipments given for 1954.

TABLE 4. Production of Tires, by Types, Quantities and Value, 1939-1954²

—	First line	Second line	Third line	Fourth line	Total tires	To al 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	855,224	—	—	—	855,224	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
1954	3,741,911	986,290	22,045	—	4,750,246	68,139,346
(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
1954	266,693	—	—	—	266,693	4,015,503

RUBBER PRODUCTS

TABLE 4. Production of Tires, by Types, Quantities and Values, 1939-1954² - Continued

—	First line	Second line	Third line	Fourth line	Total tires	Total selling value
	No.	No.	No.	No.	No.	\$
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
1954	738, 005	60, 713	—	—	798, 718	49, 656, 702
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
1952-1954	1	—	—	—	1	1
(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
1943-1954	—	—	—	—	—	—
(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
1953-1954	—	—	—	—	—	—
Metric:						
1939	677	138	386	—	1, 201	8, 332
1940	2, 747	63	—	—	2, 810	18, 427
1941	1, 372	—	—	—	1, 372	8, 916
1942-1946	—	—	—	—	—	—
1947-1952	1	—	—	—	1	1
1953-1954	—	—	—	—	—	—

TABLE 4. Production of Tires, by Types, Quantities and Values, 1939-1954² — Continued

—	First line	Second line	Third line	Fourth line	Total tires	Total selling value
	No.	No.	No.	No.	No.	\$
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	100	852	—	—	952	5,478
1944	429	—	—	—	429	3,288
1945	4,327	—	—	—	4,327	30,836
1946	11,264	—	—	—	11,264	87,511
1947	23,296	—	—	—	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
1954	1	—	—	—	1	1
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
1954	333,239	91,771	—	—	425,010	519,028
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
1946	236,866	—	—	—	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	14,190,316
1952	496,245	—	—	—	496,245	11,677,091
1953	448,110	—	—	—	448,110	9,678,456
1954	276,137	8,360	—	—	284,497	7,217,719
Horse-drawn vehicle:						
(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
1946-1954	—	—	—	—	—	—
(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
1947-1954	—	—	—	—	—	—

TABLE 4. Production of Tires, by Types, Quantities and Values, 1939-1954² — Concluded

—	First line	Second line	Third line	Fourth line	Total tires	Total selling value
	No.	No.	No.	No.	No.	\$
Automotive vehicle, solid:						
1939	760	—	—	—	760	12,637
1940	1,433	—	—	—	1,433	24,018
1941	2,032	—	—	—	2,032	31,454
1942-1954	—	—	—	—	—	—
Industrial:						
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
1954	27,256	—	—	—	27,256	287,460
Aeroplane:						
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
1954	19,991	—	—	—	19,991	839,246
Other:						
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
1954	23,245	—	—	—	23,245	96,052
Total tires:						
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	122,401,688
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
1954	5,426,477	1,147,134	22,045	—	6,595,656	130,771,056

1. Included with "other tires" as less than 3 firms reporting.

2. Value of factory shipments given for 1954.

TABLE 5. Production of Tubes, by Types, Quantities and Values, 1939-1954²

—	First line	Second line	Third line	Total	Total selling value
	No.	No.	No.	No.	\$
Passenger car:					
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
1954	3,021,950	139,507	—	3,161,457	6,142,767
Bus and truck:					
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
1954	527,878	—	—	527,878	2,433,678
Implement and tractor:					
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
1954	251,784	—	—	251,784	791,702
Bicycle:					
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
1954	460,869	—	—	460,869	280,473

TABLE 5. Production of Tubes, by Types, Quantities and Values, 1939-1954² — Concluded

—	First line	Second line	Third line	Total	Total selling value
	No.	No.	No.	No.	\$
Aeroplane:					
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	98,896
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
1954	7,852	—	—	7,852	47,932
Motorcycle:					
1939-1944	1	—	—	1	1
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
1954	1	—	—	1	1
All other:					
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	—	—	—	—	—
1954	18,353	—	—	18,353	31,538
Total tubes:					
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
1954	4,288,686	139,507	—	4,428,193	9,728,090

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

1. Included under "all other".

2. Value of factory shipments given for 1954.

TABLE 6. Rubber Footwear

Kind	Production 1953		Factory Shipments 1954	
	Quantity	Selling value	Quantity	Selling value
	Pairs	\$	Pairs	\$
Boots, all rubber:				
(a) Knee, stormking and hip	1,317,702	4,402,361	1,440,028	4,735,568
(b) Lumbermen's, etc.	569,605	2,346,477	677,567	2,526,038
Boots, rubber bottoms and leather tops:				
Lumbermen's, etc.	132,402	965,274	85,577	660,263
Bottoms for leather tops	226,283	567,697	189,837	512,621
Overshoes and goloshes:				
(a) Cloth uppers	1,291,957	5,963,172	902,881	3,967,513
(b) All rubber, lined and unlined	4,029,612	11,613,564	2,987,881	8,849,813
Light and heavy rubbers	3,407,248	4,074,745	3,599,641	4,359,023
Bathing shoes	1	1	1	1
Utility footwear, with canvas or other fabric tops ...	2,855,439	5,424,689	1,923,691	3,847,525
Leather footwear	1	1	1	1
Plastic waterproof footwear	1	1	526,119	605,036
Other footwear	262,238	558,422	211,995	385,962
Total footwear	14,092,486	35,916,401	12,545,217	30,449,362

1. Included in "Other footwear".

TABLE 7. Other Products

	Unit of measure	Production 1953		Factory Shipments 1954	
		Quantity	Selling value at the works	Quantity	Selling value at the works
Clothing, rubber, rubberized, waterproof, etc.	doz.	47,031	\$ 1,858,824	60,772	2,009,520
Rubberized and waterproofed fabrics	sq. yd.	442,310	174,845	388,338	114,159
Artificial and imitation leather	"	1,984,866	2,182,594	1,878,528	1,938,710
Rubber and composition soles	pr.	6,234,011	2,219,075	4,939,614	1,849,793
Rubber and composition half-soles	"	1,058,202	320,594	854,505	258,000
Rubber and composition heels	"	15,973,782	1,958,447	14,636,104	1,709,406
Rubber soling and rubber slabs for heels, etc.	lb.	11,656,776	3,540,782	11,772,476	3,410,107
Rubber belting-conveyor	"	4,626,924	4,335,040	5,421,060	4,842,217
Rubber belting-transmission	"	1,606,265	1,733,050	1,711,422	1,619,256
Fan belts for automobiles	No.	1,538,547	925,149	1,444,795	886,308
Other rubber belts	"	1,822,162	2,449,690	1,982,136	2,269,411
Garden hose, rubber	feet				
Fire hose	lb.	13,731,352	9,361,827	8,132,902	942,899
Other hose	"			658,166	967,648
Rubber tubing	"	420,681	255,789	285,415	207,722
Rubber packing	"	1,562,579	585,184	1,560,293	614,509
Rubber supplies for plumbers, etc. (washers, plugs, etc.)	-	-	1,677,098	-	1,662,769

TABLE 7. Other Products - Concluded

	Unit of measure	Production 1953		Factory Shipments 1954	
		Quantity	Selling value at the works	Quantity	Selling value at the works
Rubber thread, covered and not covered	lb.	701,313	\$ 1,443,998	618,790	\$ 1,146,022
Rubber, hard, in sheets, strips and rods	"	171,013	183,840	151,493	155,243
Rubber and friction tape	"	2,340,590	1,634,571	1,965,806	1,309,048
Rubber covered rolls	"	-	956,786	-	1,011,510
Rubber roll covering	lb.	254,850	638,567	329,032	693,844
Rubber coverings and linings, for tanks, pipes, etc.	"	614,196	1,354,301	435,985	1,139,086
Rubber floor mats, matting, stair treads, etc.	"	2,270,043	749,550	2,314,685	746,895
Rubber mats for automobiles	No.	1,056,322	2,350,367	777,218	1,659,149
Mats for doors, etc. made from scrap rubber	sq. ft.	238,653	243,125	290,146	260,238
Rubber tiling and flooring	lb.	10,299,105	2,642,896	10,384,277	2,678,822
Rubber tires and tiring, for baby carriages, etc.	"	1,375,622	266,012	1,093,571	209,443
Repair gums and fabrics	"	858,511	715,516	679,677	586,697
Other unvulcanized gums	"	1,064,903	364,744	668,232	250,317
Camel back	"	7,956,515	2,989,283	10,256,944	3,639,498
Cured rubber, in slabs	"	44,539	31,534	34,986	20,728
Cements and adhesives	gal.	524,665	1,172,314	541,701	1,282,128
Air and steam bags	No.	1	1	1	1
Tire and tube patches (boots, re-liners, etc.)	"	3,215,229	975,154	3,184,109	1,057,621
Tube repair kits	"	790,678	296,413	773,040	297,959
Tire flaps	"	325,044	587,517	334,326	509,396
Rubber blankets, printers', etc.	lb.	92,517	147,435	117,343	198,111
Battery containers	"	-	2,669,746	-	2,685,938
Battery covers, vents, etc.	"	-	5,176,679	7,238,276	4,081,734
Druggists' and medical sundries:					
Hot water bottles	doz.	18,504	157,242	19,637	176,856
Fountain syringes	"	2,925	41,620	2,855	42,525
Bulb syringes and bulbs	"	21,125	90,597	14,403	60,170
Combination attachment sets	"	3,304	18,957	2,905	10,471
Nipples and soothers	"	317,767	141,506	343,390	153,898
Ice caps and collars, etc.	"	3,309	38,685	2,828	33,618
Air cushions, invalid rings, etc.	"	1,543	39,537	739	21,078
Gloves, rubber	doz. pr.	141,402	605,436	149,170	644,114
Gloves, rubberized and plastic coated	"	40,857	341,322	31,845	257,904
Air and sponge mattresses and sleeping pads	No.	-	177,993	-	1
Sheets rubber	doz.	20,250	198,178	19,224	66,500
Sheets, rubberized and plastic-coated	"	311	10,439	6,122	59,835
Rubber, rubberized and plastic-coated sheeting	sq. yd.	84,990	80,731	127,141	119,897
All other (trusses and pads, finger cots, etc.)	"	-	10,814	-	13,435
Rubber jar rings	lb.	1,013,489	603,642	964,645	539,931
Rubber weatherstripping	"	432,522	256,010	1,455,719	381,524
Rubber, rubberized and plastic aprons	doz.	28,037	117,097	15,964	105,030
Baby pants, rubber, oiled silk, plastic, etc.	"	75,046	139,266	66,393	149,738
Sanitary goods, n.e.s.	"	437,965	110,641	401,574	101,859
Bathing caps, shower caps, etc.	"	25,507	122,543	24,494	112,106
Rubber play balls, including bladders for foot- balls	"	373,668	557,150	292,977	479,828
Rubber toys and novelties (including dolls)	"	108,086	489,481	95,398	436,560
Hockey pucks	"	31,352	39,047	33,190	36,001
Balloons	gross	111,484	334,011	122,131	346,281
Table covers (rubber and plastic)	doz.	13,277	78,408	14,355	107,020
Moulded rubber goods, n.e.s.	lb.	2,056,475	1,709,214	2,027,881	1,742,387
Moulded plastics	"	706,564	763,193	739,039	805,192
Sponge and hard rubber mats, pads, cushions, etc.	"	1,741,742	663,824	247,224	149,946
Foamed latex	"	6,547,434	6,277,147	6,436,137	5,976,012
Soft and sponge rubber goods, n.e.s.	"	4,506,243	1,913,190	4,459,913	1,601,747
Hard rubber goods, n.e.s.	"	328,898	402,042	41,508	15,970
Synthetic resin film (including plastic sheeting)	"	2,281,937	2,481,746	2,509,200	2,760,916
Fuel cells, for aircraft, etc.	No.	20,420	4,273,428	121,318	2,986,816
Plastic extrusions, n.e.s. (hose, tubing, gaskets, etc.)	"	-	1,261,249	-	827,419
Other plastics products, n.e.s. (bags, covers, cur- tains, tile, etc.)	"	-	-	-	901,090
All other products (including reclaimed rubber, latex compounds, pressure sensitive tape, etc.)	"	-	12,558,962	-	13,591,716
Total value of other products	"	-	98,272,684	-	93,236,279

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".

1. Included with "All other products".

TABLE 8. Materials Used by Quantity and Cost Value

	Unit of measure	1953		1954	
		Quantity	Cost value at factory	Quantity	Cost value at factory
Rubber, natural ¹	lb.	84,458,528	\$ 21,327,234	92,989,554	20,372,256
Rubber, reclaimed ¹	"	31,614,381	3,026,112	28,123,777	2,711,195
Rubber, synthetic ¹	"	76,173,320	18,749,613	63,950,991	15,556,595
Rubber, scrap	"	47,119,724	429,784	41,256,503	288,906
Latex compounds	"	491,593	194,898	377,425	150,637
Rubber, all other	"	—	446,977	—	117,797
Plastics, synthetic resins	"	6,343,570	2,213,286	7,305,115	2,489,740
Plastics, other	"	610,295	301,873	992,892	522,686
Tire fabrics, cotton	"	5,270,227	3,577,539	4,035,990	2,901,270
" " rayon	"	25,166,695	20,378,578	23,497,654	18,764,603
" " all other (nylon, etc.)	"	483,745	1,122,223	1,337,943	2,733,816
Hose fabrics	"	720,245	561,240	623,624	471,741
Belting duck	"	2,461,581	1,901,825	2,828,685	1,975,695
Shoe fabrics, other than leather	yd.	2,234,665	1,072,653	2,514,820	1,219,613
Wool jersey	"	50,580	72,771	30,724	51,587
Cashmerette	"	30,778	57,072	16,713	30,561
Miscellaneous cottons	"	9,685,950	3,982,374	8,841,556	3,380,502
Other fabrics, n.e.s.	"	3,059,204	2,336,808	2,166,035	1,574,410
Cotton, fibre and linters	lb.	268,840	27,543	340,260	37,955
Yarns, all kinds	"	923,317	835,139	985,206	886,628
Felt	"	168,137	152,336	171,693	121,422
Jutex	"	1,205,604	243,410	964,931	167,182
Fur	yd.	1,234,019	762,727	745,925	462,220
Mouton shearling	lb.	47,615	.92,388	64,688	119,274
Leather	"	343,123	358,912	213,868	233,359
Leather tops for boots	pair	86,915	239,187	12,981	35,985
Carbon black	lb.	54,363,312	4,409,299	48,488,835	4,042,965
China clay	"	21,964,702	344,424	16,396,280	256,696
Other clays and earths	"	7,076,627	105,485	11,211,008	185,998
Mica, ground	"	364,685	30,754	322,247	28,844
Solvents	gal.	2,553,614	833,103	2,508,679	807,720
Sulphur	lb.	4,950,720	259,251	4,720,108	273,765
Whiting	"	13,291,819	153,750	13,690,289	154,727
Litharge	"	25,251	4,510	37,981	7,285
Zinc oxide	"	7,886,934	1,102,356	7,646,445	990,510
Talc and soapstone	"	3,240,799	48,696	2,660,072	52,356
Barytes	"	874,419	27,348	843,712	24,689
Titanium dioxide	"	1,067,355	244,107	1,196,355	264,289
Accelerators, n.e.s.	"	2,187,941	1,169,578	2,015,306	1,112,980
Dispersing agents, n.e.s.	"	300,074	33,035	233,429	63,176
Coloring agents, n.e.s.	"	1,127,802	336,313	1,197,825	356,329
Plasticizers, n.e.s.	"	11,301,040	1,306,239	10,190,189	1,393,605
Anti-oxidants, n.e.s.	"	1,349,172	808,480	1,422,992	922,542
Fillers, n.e.s.	"	7,411,044	440,261	8,230,462	476,015
Other chemicals, n.e.s.	"	—	5,302,146	—	5,217,395
Wire, bead, etc.	lb.	7,679,955	1,249,685	6,549,837	1,229,454
Hardware fittings	"	—	1,763,898	—	1,535,592
Shoe findings	"	—	1,209,365	—	968,701
Lacquers, etc. (dispersions of resins)	lb.	621,412	225,447	460,023	136,864
Rubber cement	gal.	54,640	81,440	60,895	82,931
Paints, varnishes, etc.	"	47,870	120,841	28,896	71,826
Thread for sewing	"	—	102,784	—	80,933
Hose jackets	"	—	487,588	—	337,947
Containers and packaging material	"	—	3,022,891	—	3,065,573
All other materials	"	—	4,649,118	—	4,982,516
Total cost of materials used	—	—	\$ 114,336,694	—	\$ 106,501,858

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

TABLE 9. Imports of Rubber and Rubber Goods, 1953 and 1954

Articles imported	Unit of measure	1953		1954	
		Quantity	Value	Quantity	Value
Balata and gutta-percha, crude	lb.	27,487	\$ 30,549	19,235	15,450
Natural rubber, crude	"	81,825,226	17,862,817	84,511,119	16,377,378
Latex, natural or synthetic	"	11,561,844	3,877,888	11,060,220	3,328,891
Synthetic rubber, crude, and other rubber substitutes ..	"	5,498,000	1,862,892	6,181,400	2,104,345
Rubber, hard, in sheets, strips, rods or tubes	"	85,778	54,563	46,216	31,541
Rubber, powdered, and rubber waste	"	7,553,600	497,117	6,423,000	413,787
Rubber, recovered	"	22,599,700	2,005,717	20,418,500	1,760,496
Rubber, thread, not recovered	"	130,285	207,364	143,341	227,212
Canvas shoes with rubber soles	pr.	705,110	491,540	1,062,362	669,752
Boots and shoes, rubber, n.o.p.	"	592,324	852,446	624,245	860,661
Bathing shoes, rubber	"	5,769	2,770	5,267	3,018
Tires, bicycle, casings	No.	168,118	151,899	214,398	164,400
Tires, bicycle, inner tubes	"	188,752	62,979	200,066	61,439
Tires, casings, n.o.p.	"	351,587	5,887,250	218,228	4,051,954
Tires, inner tubes, n.o.p.	"	115,306	288,565	67,260	155,207
Tires, solid rubber, for automobiles and trucks	"	804	21,664	822	18,898
Tires, solid rubber, n.o.p.	"	—	203,329	—	152,080
Golf balls	doz.	31,630	106,909	73,803	225,861
Heels, rubber	lb.	787,749	100,130	837,646	112,680
Soles and soling materials of rubber	"	—	562,744	—	489,910
Hose, rubber and rubber lined	"	—	1,679,371	—	1,519,290
Belting, rubber	"	—	358,708	—	372,223
V-belts, chiefly of rubber	"	—	872,520	—	638,416
Cement, rubber	"	—	1,138,683	—	1,058,261
Raincoats of rubber	No.	3,119	12,845	364	1,673
Raincoats of water-proofed cotton	"	21,928	150,718	29,185	213,252
Clothing, rubber or water-proofed, n.o.p.	"	—	218,832	—	175,876
Gloves, rubber	doz. pr.	51,681	210,321	68,541	279,975
Hot water bottles, rubber	"	—	58,825	—	43,001
Mats and matting, rubber	"	—	976,587	—	899,334
Flooring and tile of rubber	sq. yd.	98,650	249,613	77,750	175,714
Packing, rubber	"	—	319,725	—	314,087
Sealing compounds, liquid or paste	"	—	122,482	—	107,393
Gaskets and washers, rubber	"	—	841,288	—	644,349
Automotive parts of rubber, n.o.p.	"	—	1,620,269	—	1,166,565
Druggists' sundries, rubber	"	—	863,567	—	893,392
Tire repair material of rubber	"	—	385,217	—	463,122
Nursing nipples, rubber	Gross	6,950	61,669	6,884	68,679
Weatherstripping of rubber	"	—	833,926	—	704,526
Manufactures of rubber and gutta-percha, n.o.p.	"	—	4,604,456	—	4,987,764

50,710,754

45,951,852

TABLE 10. Exports of Rubber and Rubber Goods, 1953 and 1954

Articles exported	Unit of measure	1953		1954	
		Quantity	Value	Quantity	Value
Camelback	lb.	371,000	\$ 100,067	226,800	65,551
Heels of rubber	pr.	45,165	3,684	294,775	25,303
Soles of rubber	"	3,507	2,007	27,680	8,729
Soling slabs of rubber	lb.	7,566	3,150	—	—
Waste rubber	"	20,098,800	313,383	17,809,500	273,181
Fan belts of rubber	—	—	100,843	—	115,618
Belting of rubber, n.o.p.	lb.	242,550	214,339	355,805	283,839
Hose of rubber	—	—	411,314	—	453,723
Canvas shoes with rubber soles	pr.	19,221	48,194	13,758	34,342
Boots and shoes of rubber, n.o.p.	"	103,068	287,485	58,088	168,549
Clothing, rubber and water-proofed	—	—	102,476	—	150,389
Tires for motor vehicles:					
Pneumatic tire casings	No.	201,566	5,467,535	356,331	7,732,296
Inner tubes	"	152,606	523,266	267,279	678,479
Tires for vehicles, n.o.p. (chiefly aircraft)	"	4,174	50,699	1,859	23,406
Manufactures of rubber, n.o.p.	—	—	677,809	—	1,122,798

8,306,251

11,136,203

TABLE 11. Employees and their Earnings, by provinces, 1953 and 1954

	Supervisory and office employees			Production workers (monthly averages)			Total employees and total earnings		
	Male	Female	Salaries	Male	Female	Wages	Male	Female	Salaries and wages
No.	No.	\$	No.	No.	\$	No.	No.	\$	
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
1954									
Canada	3,576	1,453	20,002,690	12,355	3,510	47,473,715	15,931	4,963	67,476,405
Quebec	834	346	4,873,619	3,410	1,651	12,873,890	4,244	1,997	17,747,509
Ontario	2,723	1,104	15,030,201	8,884	1,818	34,404,603	11,607	2,922	49,434,804
Other Provinces	19	3	98,870	61	41	195,222	80	44	294,092

TABLE 12. Production Workers, by Months and Sex, 1953 and 1954

	1953			1954		
	Male	Female	Total	Male	Female	Total
				No.	No.	No.
January	12,972	4,104	17,076	12,191	3,478	15,669
February	13,117	4,265	17,382	12,334	3,470	15,804
March	13,124	4,211	17,335	12,262	3,514	15,776
April	13,009	4,087	17,096	12,296	3,561	15,857
May	12,993	4,064	17,057	12,255	3,464	15,719
June	13,096	4,090	17,186	12,262	3,452	15,714
July	13,098	4,214	17,312	12,347	3,313	15,660
August	13,317	4,329	17,646	12,548	3,553	16,101
September	13,254	4,384	17,638	12,670	3,567	16,237
October	12,779	4,083	16,862	12,530	3,671	16,201
November	12,382	3,738	16,120	12,399	3,603	16,002
December	12,153	3,524	15,677	12,163	3,497	15,665
Monthly average	12,945	4,091	17,036	12,355	3,510	15,865

TABLE 13. Inventories, 1954

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total value ¹
	\$	\$	\$	\$
Opening				
Quebec	3,058,503	1,228,354	4,753,481	9,040,338
Ontario	11,630,734	5,289,067	27,215,015	44,134,816
Other provinces	35,180	3,000	19,307	57,487
Canada	14,724,417	6,520,421	31,987,803	53,232,641
Closing				
Quebec	2,893,658	1,219,108	3,905,037	8,017,803
Ontario	10,736,573	5,561,272	23,450,971	39,748,816
Other provinces	38,028	3,068	22,643	63,739
Canada	13,668,259	6,783,448	27,378,651	47,830,358

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

TABLE 14. Estimated Capital and Repair Expenditures in The Rubber Products Industry, 1948-1954

(Thousands of dollars)

(Figures prepared in the General Assignments Division)

Year	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
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 ¹	4,088	12,929	17,017	974	5,244	6,218	5,062	18,173	23,235

1. Preliminary.

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 1955, 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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954					
January	4,273,646	947,855	406,959	139,514	5,767,974
February	5,256,320	977,620	455,747	167,953	6,857,640
March	4,913,936	874,564	481,195	184,062	6,453,757
April	4,537,600	872,621	368,781	162,287	5,941,289
May	4,791,801	842,834	311,407	141,591	6,087,633
June	4,686,088	960,393	369,743	163,138	6,179,362
July	3,453,247	563,062	222,504	118,062	4,356,875
August	3,493,064	465,466	352,857	109,406	4,420,793
September	4,370,322	574,109	381,614	133,365	5,459,410
October	3,856,414	468,294	339,760	121,658	4,786,126
November	4,657,800	502,454	431,558	127,803	5,719,615
December	4,327,112	439,009	430,152	152,557	5,348,830
Total.....	52,617,350	8,488,281	4,552,277	1,721,396	67,379,304

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 ¹	Wire and cable	Footwear ²	Other products
			000's pounds	Per cent	000's pounds	000's pounds
1954						
January	5,767	38.1	3,797	416	608	946
February	6,858	39.2	4,430	440	806	1,182
March	6,454	36.6	4,015	477	655	1,307
April	5,941	36.7	3,835	348	647	1,111
May	6,088	36.5	4,079	323	636	1,050
June	6,179	36.0	4,053	348	735	1,043
July	4,357	34.5	3,091	145	432	689
August	4,421	36.6	2,572	383	617	849
September	5,459	33.6	3,441	353	660	1,005
October	4,786	32.0	2,866	386	599	935
November	5,720	34.1	3,456	442	688	1,134
December	5,349	33.1	3,138	358	713	1,140
Total.....	67,379	35.6	42,773	4,419	7,796	12,391

1. Includes "tire repair material".

2. Includes "heels, soles, etc."

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

	Natural Rubber		Used in the Manufacture of			
	Total 000's pounds	Percentage of all rubber	Tires and tubes ¹ 000's pounds	Wire and cable 000's pounds	Footwear ² 000's pounds	Other products 000's pounds
1954						
January.....	6,872	45.4	4,731	51	475	1,615
February.....	7,847	44.8	5,127	67	683	1,970
March.....	8,148	46.2	5,230	73	713	2,132
April.....	7,437	46.0	5,013	84	640	1,700
May.....	7,805	46.8	5,498	60	604	1,643
June.....	8,291	48.3	5,871	44	726	1,650
July.....	6,301	50.0	4,696	36	402	1,167
August.....	6,271	51.8	4,181	38	899	1,153
September.....	8,584	52.9	5,938	65	814	1,767
October.....	8,103	54.2	5,559	64	851	1,629
November.....	8,849	52.8	6,034	67	872	1,876
December.....	8,621	53.4	5,899	61	695	1,966
Total.....	93,129	49.3	63,777	710	8,374	20,268

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

	Reclaim Rubber		Used in the Manufacture of			
	Total 000's pounds	Percentage of all rubber	Tires and tubes ¹ 000's pounds	Wire and cable 000's pounds	Footwear ² 000's pounds	Other products 000's pounds
1954						
January.....	2,502	16.5	1,466	10	110	916
February.....	2,803	16.0	1,634	14	163	992
March.....	3,027	17.2	1,769	4	194	1,060
April.....	2,807	17.3	1,723	7	171	906
May.....	2,777	16.7	1,725	6	156	890
June.....	2,691	15.7	1,773	4	166	748
July.....	1,951	15.5	1,395	2	103	451
August.....	1,404	11.6	792	2	209	401
September.....	2,199	13.5	1,399	5	189	606
October.....	2,066	13.8	1,306	7	181	572
November.....	2,205	13.1	1,237	5	236	727
December.....	2,171	13.5	1,193	6	225	747
Total.....	28,603	15.1	17,412	72	2,103	9,016

TABLE 18. Consumption of All Rubber, by Main Types and by End Products Classification, 1954

End products	Natural	Synthetic	Reclaim	Total all rubber
pounds				
Tires, tubes and tire repair materials	63,776,577	42,772,815	17,412,697	123,962,089
Wire and cable	710,294	4,419,073	72,063	5,201,430
Footwear (including heels, soles, etc.)	8,374,164	7,796,372	2,102,727	18,273,263
Other Products	20,268,116	12,391,044	9,016,336	41,675,496
Total.....	93,129,151	67,379,304	28,603,823	189,112,278

1. Includes "tire repair materials".

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

List of Manufacturers of Rubber Products Reporting in 1954

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

Name of company	Address	Products
Newfoundland:		
Superior Rubber Company Ltd.	Holyrood	(1) (3)
Quebec:		
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) X
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	(2) (3) X
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)
Steba Manufacturing Company Ltd.	St. Remi	(1)
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)
Ontario:		
Armet Industries Limited (Silicone Division)	153 Surrey St. E., Guelph	(3)
Bata Shoe Co. of Canada, Ltd.	Batawa	(1) (3)
Biltrite Tire Co. Ltd.	121 De Grassi St., Toronto	(3)
Bootsford & McGee Rubber Co. Ltd.	40 John St., Thorold	(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)
✓ Dominion Rubber Co. Ltd.	51 Breithaupt St., Kitchener	(1) (3)
✓ Dominion Rubber Co. Ltd.	149 Strange St., Kitchener	(2) (3)
Dowswell Lees & Company Limited	1605 Main St. W., Hamilton	(3)



RUBBER PRODUCTS

List of Manufacturers of Rubber Products Reporting in 1954 — Concluded

Name of company	Address	Products
Ontario — Concluded:		
Dunlop Canada Limited	870 Queen St. E., Toronto	(2) (3) X
Firestone Tire & Rubber Co. of Canada, Ltd.	Burlington St. E., Hamilton	(2) (3) X
The Flex-o-Tube Co. (Canada) Ltd.	938 Walker Road, Windsor	(3)
Gates Rubber of Canada Limited	50 Iroquois St., Brantford	(3)
B.F. Goodrich Canada Limited	521 King St. W., Kitchener	(1) (2) (3) X
The Goodyear Tire & Rubber Co. of Canada Ltd.	Bowmanville	(2) (3) X
The Goodyear Tire & Rubber Co. of Canada Ltd.	Lakeshore Road, New Toronto	(2) (3) X
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)
Kaufman Rubber Company, Ltd.	410 King St. W., Kitchener	(1) (3)
Minnesota Mining & Manufacturing of Canada Limited	Box 757, London	(3)
Monsanto Oakville Limited	331 Reynolds St., Oakville	(3)
National Rubber Co. Ltd.	5 Wiltshire Ave., Toronto	(3)
Novelty Rubber Company	150 Canada Street, Hamilton	(3)
Ontario Fabrix Mat Company	Maryhill	(3)
Parex Industries & Products Limited	217 Richmond St. W., Toronto	(3)
S. Porter Products Limited	106 Nelson St. W., Brampton	(1)
Ruflex Threads, Ltd.	3 West Ave. S., Hamilton	(3)
Seiberling Rubber Co. of Canada Ltd.	99 Paton Road, Toronto	(2) (3) X
Sterling Rubber Co. Ltd.	364 Waterloo Ave., 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)
Alberta:		
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)
Reliable Rubber Mat Mfg. Company	3340 Findlay St., Vancouver	(3)
Western Mat Company Ltd.	1603 Franklin St., Vancouver	(3)