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THE RUBBER PRODUCTS INDUSTRY 1955



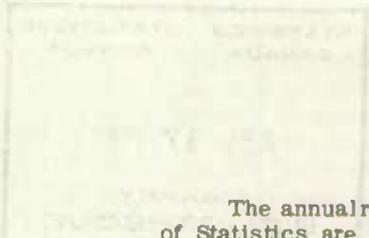
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NOTICE

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:)
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 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
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- III - Foods and Beverages
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- 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

1955

Factory shipments by the rubber products industry in 1955 had a total value f.o.b. plant of \$322,412,379. This amount compares with \$264,184,787 in the previous year and represents an increase of \$58,227,592 or approximately 22 per cent. Increased activity is indicated in other terms as well. Employment which stood at 20,894 in 1954 rose to 21,913 in 1955 accompanied by an increase in salary and wage payments from \$67,476,405 to \$73,774,964. Materials consumed in manufacture cost \$137,074,770 in 1955 compared with \$106,501,858 in 1954, an increase of \$30,572,912 or almost 29 per cent.

The industry in 1955 was comprised of 82 establishments, of which 32 were in Quebec, 42 in Ontario, 4 in British Columbia, 3 in Manitoba and 1 in Alberta. It was practically confined to the provinces of Ontario and Quebec. Ontario accounted for about 81 per cent of factory shipments and 70 per cent of employment; Quebec for about 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 1955. Tires, which alone accounted for over 50 per cent, numbered 7,844,849 and had a factory selling value of \$164,444,380, an increase from 6,595,656 tires valued at \$130,771,056 in 1954. The number of tubes shipped in 1955 amounted to 2,975,612 and were valued at \$8,015,724. This is a considerable decrease from the 1954 figures of 4,428,193 tubes valued at \$9,728,090. Footwear ranks second in importance and in 1955 the industry shipped 15,123,619 pairs with a selling value of \$36,322,350 compared with 12,545,217 pairs valued at \$30,449,362 in 1954. 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 increased from \$93,236,279 in 1954 to \$113,629,925 in 1955. For complete details of shipments, reference should be made to Table 4 for "tires", Table 5 for "tubes", Table 6 for "footwear" and Table 7 for "other products".

Rubber is, of course, the industry's main material. In line with the increased activity in the industry in 1955 as compared with 1954, the total consumption of rubber was higher in the later year. Both natural and synthetic rubber were used in considerably greater quantities but the advance in the second was much sharper than the first. The consumption of natural rubber rose from 92,989,554 pounds to 99,939,516 pounds, a gain of 7.5 per cent compared with an increase of 34 per cent for synthetic rubber, from 63,950,991 pounds to 85,693,280 pounds. As a result, the proportion of synthetic to all rubber consumed by the industry rose from 34.6 per cent in 1954 to 39.1 per cent in 1955, while the proportion of natural rubber fell from 50.2 per cent to 45.6 per cent.

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, the "value added by manufacture" is obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. The value of production is 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.

TABLE 1. Principal Statistics

Year	Estab- lish- ments	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
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
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
1945	55	23,490	39,111,477	4,076,109	78,500,892	98,836,225	181,413,226
1946	60	22,055	37,813,363	3,821,287	62,135,578	93,451,248	159,408,113
1947	60	23,475	46,613,893	2,700,102	82,934,625	110,673,007	196,307,734
1948	56	21,703	48,273,015	2,888,534	84,223,731	106,999,669	194,111,934
1949	62	20,729	48,172,207	2,902,328	73,895,718	101,705,513	178,503,559
1950	61	21,812	54,262,864	3,349,367	101,773,382	134,061,761	239,184,510
1951	67	23,054	64,357,696	3,541,859	146,951,650	161,184,980	311,678,489
1952	70	21,582	65,477,683	3,522,274	120,799,295	162,333,060	286,654,629
1953	72	22,600	70,994,643	3,724,710	114,336,694	172,674,055	290,735,459
1954							
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
Ontario	38	14,529	49,434,804	3,219,948	86,953,292	120,109,371	214,046,655
Other Provinces	6	124	294,092	35,712	103,456	228,752	364,584
1955							
Canada	82	21,913	73,774,964	4,173,111	137,074,770	187,029,017	322,412,379
Quebec	32	6,745	19,697,454	822,131	24,780,045	35,055,289	59,800,237
Ontario	42	15,106	53,895,965	3,329,260	112,162,510	151,674,057	262,157,593
Other Provinces	8	62	181,545	21,720	132,215	299,671	454,549

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. Since 1954 the value of factory shipments is collected in place of the value of production

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

Establishments with factory shipments of	Estab- lish- ments	Total Employees	Salaries and wages	Cost at plant of materials used	Value of factory shipments
	No.	No.	\$	\$	\$
1954					
Under \$10,000	7	21	36,065	19,327	75,714
\$10,000 to under \$25,000	2				
\$25,000 " " \$50,000	4	140	67,573	54,401	172,182
\$50,000 " " \$100,000	6				
\$100,000 " " \$200,000	8	439	416,541	447,645	1,136,779
\$200,000 " " \$500,000	11				
\$500,000 " " \$1,000,000	6	500	1,148,258	1,552,831	3,739,392
\$1,000,000 " " \$5,000,000	16				
\$5,000,000 and over	13	4,648	1,290,051	1,655,393	4,247,081
Total	73	14,974	13,539,348	17,218,458	40,569,574
		13	50,666,205	85,405,816	213,815,615
		73	67,476,405	106,501,858	264,184,787
1955					
Under \$10,000	7	13	18,360	6,455	31,680
\$10,000 to under \$25,000	3	16	37,643	15,150	47,765
\$25,000 " " \$50,000	7	49	97,129	115,850	253,871
\$50,000 " " \$100,000	9	104	240,379	278,086	664,721
\$100,000 " " \$200,000	4	51	175,833	374,825	687,396
\$200,000 " " \$500,000	11	439	1,120,467	1,623,880	3,900,726
\$500,000 " " \$1,000,000	10	791	2,015,148	3,300,955	7,189,127
\$1,000,000 " " \$5,000,000	15	3,425	10,386,201	18,238,490	40,473,041
\$5,000,000 and over	16	17,025	59,683,804	113,121,079	269,164,052
Total	82	21,913	73,774,964	137,074,770	322,412,379

TABLE 3. Comparative Summary of Production, 1933-1955

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
1955 ²	172,460,104	36,322,350	113,629,925	322,412,379

1. Synthetic Rubber included in 1944, 1945 and 1946.
2. Value of factory shipments given since 1954.

TABLE 4. Factory Shipments of Tires, by Types, Quantities and Value, 1955

	First line	Second line	Third line	Total	Total selling value at factory
	Number	Number	Number	Number	\$
Pneumatic tires (including tubeless):					
Passenger Car:					
(a) 4 ply rating	4,612,982	915,434	290,928	5,819,344	88,310,113
(b) 6 ply rating	248,350	—	—	248,350	5,002,147
Truck and bus (including earth-mover, excavator, logger and grader):					
(a) Sizes smaller than 12.00-22	799,085	60,541	—	859,626	54,931,399
(b) Sizes 12.00-22 and larger	16,862	—	—	16,862	7,219,614
Aeroplane	10,334	—	—	10,334	622,683
Tractor and Implement	216,967	4,807	—	221,774	7,181,699
Industrial, pneumatic and semi-pneumatic (including wheelbarrow)	208,142	—	—	208,142	384,897
Motorcycle and sidecar	4,003	—	—	4,003	51,596
Bicycle	285,253	120,609	2,580	408,442	500,463
Solid and cushion tires:					
All types: (including lawn mower, wheelbarrow, pressed-on and moulded-on)	47,972	—	—	47,972	239,769
Total tires	6,449,950	1,101,391	293,508	7,844,849	164,444,380

TABLE 4(a). Production of Tires, by Types, Quantities and Value, 1939-1954

	First line	Second line	Third line	Fourth line	Total tires	Total selling value ²
	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
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) 30x3½:						
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

TABLE 4(a). Production of Tires, by Types, Quantities and Values, 1939-1954 - Continued

	First line	Second line	Third line	Fourth line	Total tires	Total selling value ²
	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
1943-1954	--	--	--	--	--	--
(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	238,680
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	8,352
1940	2,747	63	--	--	2,810	18,427
1941	1,372	--	--	--	1,372	8,916
1942-1946	--	--	--	--	--	--
1947-1952	1	--	--	--	1	1
1953-1954	--	--	--	--	--	--
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

TABLE 4(a). Production of Tires, by Types, Quantities and Values, 1939-1954 - Continued

	First line	Second line	Third line	Fourth line	Total tires	Total selling value ²
	No.	No.	No.	No.	No.	\$
Implement and tractor - concluded:						
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	-	-	-	-	-	-
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

TABLE 4(a). Production of Tires, by Types, Quantities and Values, 1939-1954 - Concluded

	First line	Second line	Third line	Fourth line	Total tires	Total selling value ²
	No.	No.	No.	No.	No.	\$
Aeroplane - concluded:						
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. Factory Shipments of Tubes by Types, Quantities and Values, 1955

	First line	Second line	Third line	Total	Total selling value at factory
	Number	Number	Number	Number	\$
Passenger Car	1,575,156	109,334	--	1,684,490	3,352,164
Truck and Bus:					
(a) Sizes smaller than 12.00-22	627,019	--	--	627,019	3,388,531
(b) Sizes 12.00-22 and larger	8,180	--	--	8,180	269,673
Aeroplane	5,236	--	--	5,236	40,650
Tractor and Implement	201,753	--	--	201,753	667,737
Motorcycle and Sidecar	6,597	--	--	6,597	13,626
Bicycle	413,972	9,955	--	423,927	245,481
Tire tubes, n.e.s.	18,410	--	--	18,410	37,862
Total tubes	2,856,323	119,289	--	2,975,612	8,015,724

TABLE 5a. Production of Tubes, by Types, Quantities and Values, 1939-1954

	First line	Second line	Third line	Total	Total selling value ²
	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	3,238,356
1951.....	796,677	—	—	796,677	4,052,001
1952.....	729,564	—	—	729,564	3,702,726
1953.....	646,745	—	—	646,745	3,233,943
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	310,828
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	281,458
1954.....	460,869	—	—	460,869	280,473

TABLE 5a. Production of Tubes, by Types, Quantities and Values, 1939-1954 - Concluded

	First line	Second line	Third line	Total	Total selling value ²
	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
1947-1953	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	1954		1955	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	Pairs	\$	Pairs	\$
Boots, all rubber:				
(a) Knee, stormking and hip	1,440,028	4,735,568	1,629,116	5,602,075
(b) Lumbermen's, etc.	677,567	2,526,038	527,836	2,182,972
Boots, rubber bottoms and leather tops:				
Lumbermen's, etc.	85,577	660,263	138,167	917,748
Bottoms for leather tops	189,837	512,621	205,216	604,989
Overshoes and goloshes:				
(a) Cloth uppers	902,881	3,967,513	1,058,645	4,457,234
(b) All rubber, lined and unlined	2,987,881	8,849,813	3,517,800	10,478,332
Light and heavy rubbers	3,599,641	4,359,023	3,849,874	4,976,924
Bathing shoes	1	1	1	1
Utility footwear, with canvas or other fabric tops ..	1,923,691	3,847,525	2,078,752	3,942,208
Leather footwear	1	1	1	1
Plastic waterproof footwear, all types	526,119	605,036	1,706,796	2,257,487
Other footwear	211,995	385,962	411,417	902,381
Total footwear	12,545,217	30,449,362	15,123,619	36,322,350

1. Included in "Other footwear".

TABLE 7. Other Products

	Unit of measure	1954		1955	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Clothing (rubber, rubberized, plastic, etc.)	doz.	60,772	2,009,520	114,727	2,206,490
Fabrics (rubberized, plastic-coated, etc.)	sq. yd.	1,388,338	752,135	1,528,211	1,258,203
Artificial and imitation leather	"	1,878,528	1,938,710	2,963,381	2,873,115
Rubber and composition soles (full and taps)	pr.	5,794,119	2,107,793	5,465,362	2,052,882
Rubber and composition heels	"	14,636,104	1,709,406	15,701,165	1,881,761
Rubber soling and composition and toplifting sheets.....	lb.	11,772,476	3,410,107	11,304,537	3,380,193
Belts and belting:					
Conveyor	"	5,421,060	4,842,217	5,617,625	5,512,647
Transmission, flat type	"	1,711,422	1,619,256	1,634,334	1,696,927
" V-type, automotive fan belts	No.	1,444,795	886,308	1,684,004	1,012,241
" V-type, fractional h.p.belts	"			1,464,717	836,033
" V-type, other	lb.		2,269,411	725,074	1,691,499
Rubber belts and belting, other	"			229,740	406,325
Hose and tubing:					
Garden hose, rubber	ft.	8,132,902	942,899	6,755,134	765,332
" " plastic	"	5,101,138	364,981	7,464,632	516,208
Fire hose, all kinds	lb.	658,166	967,648	748,096	1,136,234
Water hose, other	"			2,122,854	1,029,538
Oil and gasoline hose	"	8,395,088	6,499,028	829,332	752,573
Rubber hose, other	"			8,160,661	6,438,541
Rubber tubing	"	285,415	207,722	351,343	249,543
Plastic pipe, hose and tubing, n.e.s.	"	165,952	76,733	744,283	440,625
Other extruded plastic products, n.e.s.	"	787,661	459,376	576,226	535,090
Rubber packing, all kinds	"	1,560,293	614,509	1,799,646	821,732
Rubber supplies, such as washers, gaskets, etc.	-	-	1,662,769	-	1,511,658

TABLE 7. Other Products - Concluded

	Unit of measure	1954		1955	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
			\$		\$
Rubber thread, covered and not covered	lb.	618,790	1,146,022	649,633	1,289,077
Rubber, hard, in sheets, strips and rods	"	151,493	155,243	222,960	242,644
Rubber and friction tape	"	1,965,806	1,309,048	2,668,856	1,937,302
Rubber covered rolls, wringer, etc.	No.	268,721	1,011,510	352,435	845,430
Rubber roll covering	lb.	329,032	693,844	645,231	1,171,353
Rubber coverings and linings, for tanks, pipes, etc.	"	435,985	1,139,086	-	1,662,433
Rubber floor mats, matting, stair treads, etc.	"	2,314,685	746,895	2,872,620	747,746
Rubber mats for automobiles	No.	777,218	1,659,149	996,270	2,479,689
Link mats for doors, etc.	sq. ft.	290,146	260,238	308,603	2,777,210
Rubber tiling and flooring	lb.	10,384,277	2,678,822	7,331,115	2,231,517
Rubber tires and tiring, for baby carriages, etc. ..	"	1,093,571	209,443	948,386	202,276
Repair gums and fabrics	"	679,677	586,697	891,969	747,748
Other unvulcanized gums	"	668,232	250,317	1,022,475	403,016
Camel back	"	10,256,944	3,639,498	13,158,102	5,246,294
Cured rubber, in slabs	"	34,986	20,728	44,568	30,545
Cements and adhesives	gal.	541,701	1,282,128	829,551	1,729,161
Air and steam bags	No.	14,304	296,559	15,336	366,420
Tire and tube patches (boots, re-liners, etc.)	"	3,184,109	1,057,621	4,048,536	1,258,531
Tube repair kits	"	773,040	297,959	919,566	422,789
Tire flaps	"	334,326	509,396	280,361	521,612
Rubber blankets, printers', etc.	lb.	117,343	198,111	133,561	233,137
Battery containers	-	-	2,685,938	-	3,681,670
Battery covers, vents, etc.	-	-	-	-	-
Channel rubber	lb.	-	1	1,795,827	777,479
Rubber automotive and aeroplane parts, n.e.s.	lb.	7,238,276	4,081,734	8,094,003	4,264,075
Druggists' and medical sundries:					
Hot water bottles	doz.	19,637	176,856	17,809	157,800
Mountain syringes	"	2,855	42,525	2,953	44,905
Bulb syringes and bulbs	"	14,403	60,170	10,875	58,793
Combination attachment sets	"	2,905	10,471	3,014	17,147
Nipples and soothers	"	343,390	153,898	289,396	147,236
Ice caps and collars, etc.	"	2,828	33,618	2,570	32,503
Air cushions, invalid rings, etc.	"	739	21,078	543	14,933
Gloves, rubber	doz. pr.	149,170	644,114	161,744	725,821
Gloves, rubberized and plastic coated	"	31,845	257,904	115,045	378,039
Sheets, rubber	doz.	19,224	66,500	8,900	53,554
Sheets, rubberized and plastic-coated	"	6,122	59,835	-	-
Rubber, rubberized and plastic-coated sheeting	sq. yd.	127,141	119,897	115,595	114,193
All other (trusses and pads, finger cots, etc.) ..	-	-	13,435	-	6,036
Rubber jar rings	lb.	964,645	539,931	1,011,563	552,072
Rubber weatherstripping	"	1,455,719	381,524	1,762,719	919,759
Aprons, rubber, rubberized and plastic	doz.	15,964	105,030	15,799	116,864
Baby pants, rubber, oiled silk, plastic, etc.	"	66,393	149,738	72,893	150,488
Sanitary goods, n.e.s.	"	401,574	101,859	454,940	110,511
Bathing caps, shower caps, etc.	"	24,494	112,106	25,192	115,104
Rubber play balls, including bladders for foot-	"	-	-	-	-
balls	"	292,977	479,828	235,867	419,033
Rubber toys and novelties (including dolls)	"	95,398	436,560	90,116	333,896
Hockey pucks	"	33,190	36,001	35,968	48,323
Balloons (toy and meteorological)	gross	122,131	346,281	169,305	482,176
Table covers (rubber and plastic)	doz.	14,355	107,020	15,182	108,402
Moulded rubber goods, n.e.s.	lb.	2,027,881	1,742,387	3,392,597	2,801,373
Moulded plastics, n.e.s.	"	739,039	805,192	856,255	845,746
Sponge and hard rubber mats, pads, cushions, etc.	"	247,224	149,946	326,408	214,512
Foamed latex	"	6,436,137	5,976,012	8,009,284	8,196,732
Soft and sponge rubber goods, n.e.s.	"	4,459,913	1,601,747	7,188,304	1,943,745
Hard rubber goods, n.e.s.	"	41,508	15,970	49,706	18,335
Synthetic resin film (including plastic sheeting) ..	"	2,509,200	2,760,916	3,801,184	3,085,149
Fuel cells, for aircraft, etc.	No.	14,794	2,986,816	11,044	2,280,357
Curtains and drapes (rubber and plastic	doz.	-	-	22,911	282,826
Other plastics products, n.e.s. (bags, covers, tile, toys, etc.)	-	-	828,747	-	1,072,177
All other products (including reclaimed rubber, latex compounds, pressure sensitive tape, etc.)	-	-	12,655,853	-	16,006,841
Total value of other products	-	-	93,236,279	-	113,629,925

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	1954		1955	
		Quantity	Cost value at factory	Quantity	Cost value at factory
			\$		\$
Rubber, natural ¹	lb.	92,989,554	20,372,256	99,939,516	32,932,648
Rubber, reclaimed ¹	"	28,123,777	2,711,195	33,692,151	3,256,087
Rubber, synthetic ¹	"	63,950,991	15,556,595	85,693,280	20,763,485
Rubber, scrap	"	41,256,503	288,906	34,255,551	399,024
Latex compounds	"	377,425	150,637	242,338	88,067
Rubber, all other	"	—	117,797	—	329,691
Plastics, synthetic resins	"	7,305,115	2,489,740	10,154,454	3,416,465
Plastics, other	"	992,892	522,686	1,152,624	633,378
Tire fabrics, cotton	"	4,035,990	2,901,270	4,514,178	3,100,788
" " , rayon	"	23,497,654	18,764,603	26,279,166	20,676,836
" " , all other (nylon, etc.)	"	1,337,943	2,733,816	2,140,024	4,186,155
Hose fabrics	"	623,624	471,741	740,176	559,685
Belting duck	"	2,828,685	1,975,695	3,091,601	2,187,953
Shoe fabrics, other than leather	yd.	2,514,820	1,219,613	2,887,653	1,077,150
Wool jersey	"	30,724	51,587	163,107	170,213
Cashmerette	"	16,713	30,561	13,586	24,767
Miscellaneous cottons	"	8,841,556	3,380,502	12,603,234	4,410,849
Other fabrics, n.e.s.	"	2,166,035	1,574,410	2,654,296	1,774,092
Yarns, cotton	lb.	985,206	886,628	552,922	516,353
" , rayon, nylon, etc.	"			785,492	714,234
Cotton, fibre and linters	"	340,260	37,955	1,091,448	125,442
Felt	"	171,693	121,422	147,502	121,539
Jutex	"	964,931	167,182	1,344,551	332,146
Fur	yd.	745,925	462,220	1,314,346	578,355
Mouton shearing	lb.	64,688	119,274	87,706	124,820
Leather	"	213,868	233,359	222,386	278,648
Leather tops for boots	pair	12,981	35,985	25,236	60,364
Carbon black	lb.	48,488,835	4,042,965	55,724,414	4,583,855
China clay	"	16,396,280	256,696	15,983,464	249,727
Other clays and earths	"	11,211,008	185,998	13,073,949	199,522
Mica, ground	"	322,247	28,844	484,985	44,177
Solvents	gal.	2,508,679	807,720	2,789,356	892,121
Sulphur	lb.	4,720,108	273,765	5,567,384	314,334
Whiting	"	13,690,289	154,727	17,510,105	228,809
Litharge	"	37,981	7,285	62,742	11,979
Zinc oxide	"	7,646,445	990,510	8,526,572	1,062,078
Talc and soapstone	"	2,660,072	52,356	2,783,198	50,369
Barytes	"	843,712	24,689	1,074,102	30,955
Titanium dioxide	"	1,196,355	264,289	1,456,800	344,005
Accelerators, n.e.s.	"	2,015,306	1,112,980	2,345,172	1,242,825
Dispersing agents, n.e.s.	"	233,429	63,176	338,094	108,001
Coloring agents, n.e.s.	"	1,197,825	356,329	1,400,441	450,117
Plasticizers, n.e.s.	"	10,190,189	1,393,605	12,557,169	1,732,590
Anti-oxidants, n.e.s.	"	1,422,992	922,542	1,735,801	1,170,680
Fillers, n.e.s.	"	8,230,462	476,015	13,652,015	547,986
Other chemicals, n.e.s.	—	—	5,217,395	—	4,851,515
Wire (bead, etc.)	lb.	6,549,837	1,229,454	7,744,893	1,500,058
Hardware fittings (hose couplings, cocks, etc)	—	—	1,535,592	—	2,125,974
Shoe findings	—	—	968,701	—	1,169,027
Lacquers, etc. (dispersions of resins)	lb.	460,023	136,864	611,731	155,012
Rubber cement	gal.	60,895	82,931	69,699	136,781
Paints, varnishes, etc.	"	28,896	71,826	41,792	110,852
Thread for sewing	—	—	80,933	—	76,766
Hose jackets	—	—	337,947	—	470,570
Containers and packaging material	—	—	3,065,573	—	3,525,035
All other materials	—	—	4,982,516	—	6,849,810
Total cost of materials used	—	—	106,501,858	—	137,074,770

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

TABLE 9. Imports of Rubber and Rubber Goods, 1954 and 1955

Articles imported	Unit of measure	1954		1955	
		Quantity	Value	Quantity	Value
			\$		\$
Balata and gutta-percha, crude	lb.	19,235	15,450	17,857	22,003
Natural rubber, crude	"	84,511,119	16,377,378	95,758,528	29,944,705
Latex, natural or synthetic	"	11,060,220	3,328,891	15,333,720	6,041,694
Synthetic rubber, crude, and other rubber substitutes	"	6,181,400	2,104,345	19,213,900	5,114,828
Rubber, hard, in sheets, strips, rods or tubes	"	46,216	31,541	69,835	51,378
Rubber, powdered, and rubber waste	"	6,423,000	413,787	4,391,000	350,614
Rubber, recovered	"	20,418,500	1,760,496	25,528,000	2,301,101
Rubber, thread, not covered	"	143,341	227,212	174,753	277,588
Canvas shoes with rubber soles	pr.	1,062,362	669,752	2,509,874	1,332,873
Boots and shoes, rubber, n.o.p.	"	624,245	860,661	1,151,445	1,411,789
Bathing shoes, rubber	"	5,267	3,018	9,824	5,010
Tires, bicycle, casings	No.	214,398	164,400	322,241	238,045
Tires, bicycle, inner tubes	"	200,066	61,439	311,585	89,917
Tires, casings, n.o.p.	"	218,228	4,051,954	516,655	7,570,950
Tires, inner tubes, n.o.p.	"	67,260	155,207	112,748	261,985
Tires, solid rubber, for automobiles and trucks	"	822	18,898	1,694	36,887
Tires, solid rubber, n.o.p.	"	-	152,080	-	194,960
Golf balls	doz.	73,803	225,861	65,273	239,458
Heels, rubber	pr.	837,646	112,680	1,084,850	133,524
Soles and soling materials of rubber	-	-	489,910	-	583,817
Hose, rubber and rubber lined	-	-	1,519,290	-	1,894,064
Belting, rubber	-	-	372,223	-	470,488
V-belts, chiefly of rubber	-	-	638,416	-	875,946
Cement, rubber	-	-	1,058,261	-	1,308,914
Raincoats of rubber	No.	364	1,673	444	2,883
Raincoats of water-proofed cotton	"	29,185	213,252	36,799	261,146
Clothing, rubber or water-proofed, n.o.p.	-	-	175,876	-	237,073
Gloves, rubber	doz. pr.	68,541	279,975	77,231	341,492
Hot water bottles, rubber	-	-	43,001	-	74,434
Mats and matting, rubber	-	-	899,334	-	1,162,615
Flooring and tile of rubber	sq. yd.	77,750	175,714	111,270	218,990
Packing, rubber	-	-	314,087	-	363,849
Sealing compounds, liquid or paste	-	-	107,393	-	143,957
Gaskets and washers, rubber	-	-	644,349	-	1,130,057
Automotive parts of rubber, n.o.p.	-	-	1,166,565	-	1,598,237
Druggists' sundries, rubber	-	-	893,392	-	828,119
Tire repair material of rubber	-	-	463,122	-	532,501
Nursing nipples, rubber	Gross	6,884	68,679	6,355	74,520
Weatherstripping of rubber	-	-	704,526	-	1,204,064
Manufactures of rubber and gutta-percha, n.o.p.	-	-	4,987,764	-	6,313,440

45,951,852

75,239,915

TABLE 10. Exports of Rubber and Rubber Goods, 1954 and 1955

Articles exported	Unit of measure	1954		1955	
		Quantity	Value	Quantity	Value
			\$		\$
Camelback	lb.	226,800	65,551	545,800	167,745
Heels of rubber	pr.	294,775	25,303	62,594	4,195
Soles of rubber	"	27,680	8,729	1,323	572
Soling slabs of rubber	lb.	-	-	-	-
Waste rubber	"	17,809,500	273,181	22,941,200	383,543
Fan belts of rubber	-	-	115,618	-	66,810
Belting of rubber, n.o.p.	lb.	355,805	283,839	576,486	455,985
Hose of rubber	-	-	453,723	-	271,014
Canvas shoes with rubber soles	pr.	13,758	34,342	5,730	14,306
Boots and shoes of rubber, n.o.p.	"	58,088	168,549	140,470	331,579
Clothing, rubber and water-proofed	-	-	150,389	-	174,059
Tires for motor vehicles:					
Pneumatic tire casings	No.	356,331	7,732,296	279,465	6,573,238
Inner tubes	"	267,279	678,479	157,675	532,628
Tires for vehicles, n.o.p.	"	1,859	23,406	1,791	29,759
Manufactures of rubber, n.o.p.	-	-	1,122,798	-	822,356

11,136,203

9,827,789

TABLE 11. Employees and their Earnings, by Provinces, 1954 and 1955

	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.	\$
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
1955									
Canada	3,655	1,494	20,926,441	12,984	3,770	52,848,523	16,649	5,264	73,774,964
Quebec	879	361	5,112,195	3,645	1,860	14,585,259	4,524	2,221	19,697,454
Ontario	2,772	1,130	15,746,735	9,309	1,895	38,149,230	12,081	3,025	53,895,965
Other Provinces	14	3	67,511	30	15	114,034	44	18	181,545

TABLE 12. Production Workers, by Months and Sex, 1954 and 1955

	1954			1955		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	12,191	3,478	15,669	12,101	3,397	15,498
February	12,334	3,470	15,804	12,422	3,519	15,941
March	12,262	3,514	15,776	12,465	3,507	15,972
April	12,296	3,561	15,857	12,591	3,635	16,226
May	12,255	3,464	15,719	12,732	3,724	16,456
June	12,262	3,452	15,714	12,854	3,774	16,628
July	12,347	3,313	15,660	12,872	3,791	16,663
August	12,548	3,553	16,101	13,329	4,045	17,374
September	12,670	3,567	16,237	13,620	4,174	17,794
October	12,530	3,671	16,201	13,700	4,185	17,885
November	12,399	3,603	16,002	13,687	3,881	17,568
December	12,168	3,497	15,665	13,410	3,570	16,980
Monthly average	12,355	3,510	15,865	12,984	3,770	16,754

TABLE 13. Inventories¹, 1955

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total value
	\$	\$	\$	\$
Opening²				
Quebec	2,893,658	1,219,108	3,905,037	8,017,803
Ontario	10,736,573	5,561,272	15,695,250	31,993,095
Other provinces.....	31,615	2,650	3,959	38,224
Canada	13,661,846	6,783,030	19,604,246	40,049,122
Closing				
Quebec	4,108,322	1,537,784	4,762,265	10,408,371
Ontario	17,398,014	6,910,836	20,703,484	45,012,334
Other provinces	34,001	3,850	3,016	40,867
Canada	21,540,337	8,452,470	25,468,765	55,461,572

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

2. Where the opening inventory for 1955 differs from the closing inventory published for 1954, it is because of corrections, new firms and the removal of figures for firms which did not operate during 1955.

TABLE 14. Capital and Repair Expenditures in The Rubber Products Industry, 1948-1955

(Thousands of dollars)

(Figures prepared in the General Assignments Division)

Year	Capital expenditures			Repair expenditures			Capital and Repair expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	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	4,649	11,121	15,770	1,024	5,885	6,909	5,673	17,006	22,679
1955 ¹	3,315	12,880	16,195	896	6,031	6,927	4,211	18,911	23,122

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 1956, 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
1955					
January	4,829,792	514,297	366,435	150,515	5,861,039
February	5,852,577	610,502	388,316	166,321	7,017,716
March	6,064,508	809,558	452,005	218,379	7,544,450
April	5,510,556	642,993	436,143	145,688	6,735,380
May	6,186,793	727,054	440,158	139,894	7,493,899
June	7,133,999	696,116	503,596	142,658	8,476,369
July	5,176,428	468,172	234,491	144,090	6,023,181
August	5,004,606	380,152	457,911	171,004	6,013,673
September	6,986,345	603,847	524,632	176,928	8,291,752
October	6,697,930	638,312	449,913	167,284	7,953,439
November	8,392,626	619,474	520,666	206,531	9,739,297
December	7,615,618	650,258	453,622	192,741	8,912,239
Total	75,451,778	7,360,735	5,227,888	2,022,033	90,062,434

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	000's pounds	000's pounds
1955						
January	5,861	36.4	3,568	355	731	1,207
February	7,018	37.8	4,586	377	827	1,228
March	7,545	37.9	4,796	444	838	1,467
April	6,735	37.3	4,347	411	594	1,383
May	7,494	40.8	4,950	443	697	1,404
June	8,476	41.6	5,724	447	753	1,552
July	6,023	41.4	4,439	160	408	1,016
August	6,014	41.5	3,324	469	817	1,404
September	8,292	40.9	5,362	508	752	1,670
October	7,953	41.0	5,217	326	809	1,601
November	9,739	43.2	6,459	446	898	1,936
December	8,912	43.9	5,914	385	1,001	1,612
Total	90,062	40.4	58,686	4,771	9,125	17,480

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	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	000's pounds	000's pounds
1955						
January.....	7,865	48.8	5,421	50	721	1,673
February.....	8,522	45.9	5,686	40	744	2,052
March.....	9,274	46.5	6,196	73	798	2,207
April.....	8,562	47.5	5,825	65	781	1,891
May.....	8,426	45.8	5,614	111	848	1,853
June.....	8,592	42.1	5,496	61	848	2,187
July.....	6,172	42.5	4,512	40	361	1,259
August.....	6,427	44.4	3,754	74	955	1,644
September.....	8,951	44.1	5,835	81	901	2,134
October.....	8,656	44.6	5,802	36	821	1,997
November.....	9,457	41.9	6,431	62	800	2,164
December.....	8,378	41.2	5,789	48	547	1,994
Total.....	99,282	44.5	66,361	741	9,125	23,055

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	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	000's pounds	000's pounds
1955						
January.....	2,378	14.8	1,502	8	186	682
February.....	3,025	16.3	1,984	6	182	853
March.....	3,114	15.6	1,929	9	230	946
April.....	2,748	15.2	1,740	4	207	797
May.....	2,469	13.4	1,476	5	204	784
June.....	3,334	16.3	2,240	8	194	892
July.....	2,341	16.1	1,640	3	142	556
August.....	2,049	14.1	1,113	11	231	694
September.....	3,036	15.0	1,976	5	230	825
October.....	2,782	14.4	1,683	6	262	831
November.....	3,374	14.9	2,115	2	272	985
December.....	3,016	14.9	1,901	1	267	847
Total.....	33,666	15.1	21,299	68	2,607	9,692

TABLE 18. Consumption of All Rubber, by Main Types and by End Products Classification, 1955

End products	Natural	Synthetic	Reclaim	Total all rubber
	pounds			
Tires, tubes and tire repair materials.....	66,360,772	58,686,466	21,299,198	146,346,436
Wire and cable.....	740,745	4,771,248	68,239	5,580,232
Footwear (including heels, soles, etc.).....	9,125,314	9,125,246	2,607,239	20,857,799
Other products.....	23,054,795	17,479,474	9,691,711	50,225,980
Total.....	99,281,626	90,062,434	33,666,387	223,010,447

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

List of Manufacturers of Rubber Products Reporting in 1955

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

Name of company	Address	Products
Quebec:		
The Acton Rubber Ltd.	Acton Vale	(1)
American Biltrite Rubber Co. (Canada) Ltd.	255 Jenckes Lane, Sherbrooke	(3)
American Wringer Company (Division of Gutta Percha & Rubber Limited)	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 Technical Tape Limited	5541 Papineau Ave., Montreal	(3)
Remi Carrier, Inc.	Charlesbourg	(3)
William Carson & Co.	358 St. Peter St., 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)
B.F. Goodrich Sponge Products Canada Ltd.	Waterville	(3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	1195 Taillon St., Quebec	(2) (3)
The Holtite Rubber Co. of Canada Ltd.	Drummondville	(3)
Jiffy Products Inc.	2024 Peel St., Montreal	(3)
Lion Rubber & Plastics Ltd.	0140 Clement St., Ville Lasalle	(3)
The Miner Rubber Co. Ltd.	191 Denison Ave., Granby	(1) (3)
Olympic Fibre Industries, Reg'd.	10901 Dupont St., Montreal	(3)
Peelcoat Industries Reg'd.	201 Laval St., Granby	(3)
Precision Rubber Products (Canada) Ltd.	156 Turgeon St., Ste. Therese	(3)
Rubber Guild Reg'd.	2444 Centre St., Montreal	(3)
Steba Manufacturing Company Ltd.	St. Remi	(1)
Stedfast Rubber Co. (Canada) Ltd.	Granby	(3)
Laval Tanguay, Inc.	395 - 10th Ave. S., Sherbrooke	(3)
Tillotson Rubber Co. Ltd.	260 St. Michel St., St. Johns	(3)
Wilkinson Linatex Co. Ltd.	2210 Parthenais St., Montreal	(3)
Ontario:		
Armet Industries Limited (Silicone Division)	155 Surrey St. E., Guelph	(3)
Bata Shoe Co. of Canada, Ltd.	Batawa	(1) (3)
Bilrite Tire Co. Ltd.	121 De Grassi St., Toronto	(3)
Botsford & 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.	52 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)

List of Manufacturers of Rubber Products Reporting in 1955 - Concluded

Name of company	Address	Products
Ontario - Concluded:		
Dowswell Lees & Company Limited	1605 Main St. W., Hamilton	(3)
Dunlop Canada Limited	Dunlop Drive, Whitby	(2) (3)
Dunlop Canada Limited	870 Queen St. E., Toronto	(2) (3)
Firestone Tire & Rubber Co. of Canada, Ltd.	Burlington St. E., Hamilton	(2) (3)
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	(2) (3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	Bowmanville	(2) (3)
The Goodyear Tire & Rubber Co. of Canada Ltd.	Lakeshore Road, New Toronto	(2) (3)
Gutta Percha and Rubber Ltd.	114 O'Hara Ave., Toronto	(3)
G.L. Griffith & Sons Ltd.	341 Erie Street, Stratford	(3)
Gro-cord Rubber Co. of Canada Limited	120 Town Line, Tillsonburg	(3)
James Hobbs Industries Ltd.	172 Ontario St., Stratford	(3)
Kaufman Rubber Company, Ltd.	410 King St. W., Kitchener	(1) (3)
Koroflex Plastics Limited	Brampton	(1)
Minnesota Mining & Manufacturing of Canada Limited	Oxford St., 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	43 Densley Ave., Weston	(3)
Mansfield Rubber (Canada) Limited	John St., Barrie	(2)
Ruflex Threads, Ltd.	3 West Ave. S., Hamilton	(3)
Seiberling Rubber Co. of Canada Ltd.	99 Paton Road, Toronto	(2) (3)
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, Limited	Alton	(3)
S.C. Williams	Woodbridge	(3)
Yale Rubber Mfg. Co. of Canada, Ltd.	Kincardine	(3)
Manitoba:		
Eagle Distributing Co.	224 King St., Winnipeg	(3)
Kleen Tred Mat Company	463 King St., Winnipeg	(3)
Shur-Foot Mat Company	190 St. James St., Winnipeg	(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)



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