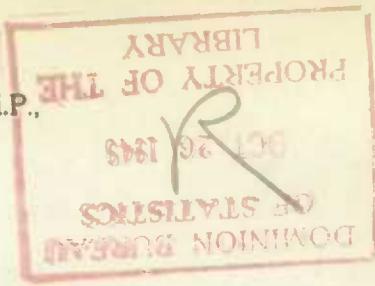


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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

+++ Industry and Merchandising Division +++

GENERAL MANUFACTURES SECTION

REPORT

ON THE

RUBBER INDUSTRY

IN

CANADA

1947



OTTAWA
1949

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES SECTION
OTTAWA - CANADA

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THE RUBBER INDUSTRY IN CANADA, 1947

The rubber industry of Canada is of considerable importance in the industrial life of the country. Canada now ranks among the leading countries of the world as a manufacturer of rubber goods. Before the war Canada was the sixth largest importer of raw rubber in the world, ranking after the United States, the United Kingdom, Japan, Germany and France.

Establishments manufacturing rubber tires, rubber footwear and other rubber goods numbered 60 in 1947, 33 plants being located in Ontario, 19 in Quebec, 1 in Manitoba, 1 in Saskatchewan, 2 in Alberta and 4 in British Columbia. These plants furnished employment to 23,475 persons who received \$46,613,893 in salaries and wages and produced goods valued at \$196,307,734 from materials costing \$82,934,625. This industry is practically confined to the Provinces of Ontario and Quebec. The plants in Ontario employed almost 72 per cent of the persons engaged in the industry and produced over 82 per cent of the entire output, while 28 per cent of total employment and 17 per cent of production was in the Province of Quebec. The rubber industry also forms an adjunct of considerable importance to the cotton yarn and cloth, and silk industries, which supply it with tire and other fabrics. Besides supplying the domestic market, the industry contributes materially to the export trade of Canada.

A notable feature in the past few years has been the increase in the output of balloon tires for passenger cars, which rose from 855,224 in 1944 to 2,835,203 in 1947. Other features were the resumption of large scale exports of rubber footwear and the increasing use of natural rubber. The 1947 production of tires of all kinds increased over 1946 by 2,184,428 in number and increased in value by \$36,784,284. Similarly, the number of inner tubes produced increased by 1,459,660 in number and \$2,448,642 in value. Rubber footwear also increased by 5,871,735 pairs with an increase in value of \$9,703,806. The miscellaneous section of the industry, which includes such products as rubber heels and soles, rubber belting and hose, medical and druggist supplies, mechanical rubber goods, etc., declined in value from \$59,567,963 to \$47,530,852, due to the transfer of the firm manufacturing synthetic rubber to another industry. For the rubber industry as a whole, however, there was an increase of \$36,899,621 in the gross value of production despite the transfer of this large firm, just mentioned. There were increases of \$20,799,047 in the cost of materials used, 1,420 in the number of persons employed and \$8,800,530 in the salaries and wages paid.

Of the three main classes of products manufactured in this industry in 1947, rubber tires and tubes accounted for \$112,849,556 or over 57 per cent of the total, rubber footwear for \$35,927,326 or over 18 per cent, and other products for the balance of \$47,530,852 or over 24 per cent. Compared with the previous year, the output of rubber tires and tubes increased in value by \$39,232,926 or over 53 per cent, rubber footwear increased by \$9,703,806 or 37 per cent, and other products decreased by \$12,037,111 or over 20 per cent.

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

THE RUBBER INDUSTRY IN CANADA, 1947

Table 1. - Principal Statistics.

Year	Establishments	Capital Invested	Employees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1933	45	65,314,472	9,758	8,910,124	12,914,680	41,511,556
1934	51	66,047,471	11,079	10,858,637	18,439,498	55,230,381
1935	45	63,435,798	11,023	11,017,431	20,258,774	55,949,570
1936	50	64,600,479	11,881	11,954,016	23,598,661	62,054,808
1937	50	65,119,212	13,035	14,041,066	31,126,755	74,263,753
1938	53	64,854,448	12,879	14,061,788	24,301,221	61,030,710
1939	54	65,374,269	14,160	15,603,774	28,814,003	69,945,471
1940	52	70,588,546	14,297	16,834,914	38,228,145	83,020,721
1941	56	71,985,540	17,191	22,792,376	59,340,321	119,137,776
1942	49	71,602,579	15,497	23,413,150	61,576,546	122,231,402
1943	51	73,550,768	15,913	25,342,508	68,297,492	130,157,780
1944	56	-	21,421	35,978,717	82,187,888	169,511,036
1945						
CANADA	55	Not	23,490	39,111,477	78,500,892	181,413,226
Quebec	17	collected	6,074	8,016,565	13,671,606	27,277,995
Ontario	32	this	17,361	30,998,159	64,808,212	153,979,169
Other Provinces ...	6	year	55	96,753	21,074	156,062
1946						
CANADA	60	Not	22,055	37,813,363	62,135,578	159,408,113
Quebec	20	collected	6,142	8,974,774	10,839,402	28,356,599
Ontario	32	this	15,864	28,762,443	51,275,405	130,924,552
Other Provinces ...	8	year	49	76,146	20,771	126,962
1947						
CANADA	60	Not	23,475	46,613,893	82,934,625	196,307,734
Quebec	19	collected	6,639	10,815,334	14,057,340	33,408,129
Ontario	33	this	16,795	35,725,496	68,851,556	162,786,412
Other Provinces ...	8	year	41	73,063	25,729	113,193

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.

THE RUBBER INDUSTRY IN CANADA, 1947

Table 2. - Principal Statistics of the Rubber Industry Grouped According to the Size of Establishments, 1945-1947.

Establishments having a production of :-	Estab-	Em-	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	lish- ments	ployees	\$	\$	\$
<u>1945</u>					
Under \$5,000	1)				
\$ 5,000 to under \$ 25,000	9)	60	62,837	33,591	119,399
\$ 25,000 " " \$ 50,000	6	59	79,764	78,571	209,213
\$ 50,000 " " \$ 100,000	3	70	108,319	25,918	192,475
\$100,000 " " \$ 500,000	10	724	925,197	773,703	2,558,964
\$500,000 " " \$1,000,000	4	418	595,140	1,417,647	2,814,186
\$1,000,000 and over	22	22,159	37,340,220	76,171,462	175,518,989
TOTAL	55	23,490	39,111,477	78,500,892	181,413,226
<u>1946</u>					
Under \$5,000	6	11	8,556	3,830	15,325
\$ 5,000 to under \$ 25,000	7	32	41,931	24,606	86,973
\$ 25,000 " " \$ 50,000	7	89	117,228	75,321	243,001
\$ 50,000 " " \$ 100,000	1)	425	560,794	621,094	1,864,494
\$100,000 " " \$ 500,000	9)	976	1,364,835	2,151,199	5,396,703
\$500,000 " " \$1,000,000	8	20,522	35,720,019	59,259,528	151,801,617
TOTAL	60	22,055	37,813,363	62,135,578	159,408,113
<u>1947</u>					
Under \$5,000	5	6	4,825	1,826	8,674
\$ 5,000 to under \$ 25,000	8	41	55,219	21,109	97,978
\$ 25,000 " " \$ 50,000	6	52	95,380	67,593	221,580
\$ 50,000 " " \$ 100,000	4	98	120,765	82,593	313,190
\$100,000 " " \$ 500,000	10	552	907,478	1,301,565	2,994,390
\$500,000 " " \$1,000,000	7	926	1,442,567	2,323,715	5,338,320
\$1,000,000 and over	20	21,800	43,987,659	79,136,224	187,333,602
TOTAL	60	23,475	46,613,893	82,934,625	196,307,734

THE RUBBER INDUSTRY IN CANADA, 1947

Table 3. - Comparative Summary of Production, 1933-1947.

Year	Tires and Tubes	Footwear	Other Products	Total Selling
	Total Selling	Total Selling	Total Selling	Value of All Products
	Value	Value	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 ^x	169,511,036
1945	85,239,780	24,645,897	71,527,549 ^x	181,413,226
1946	73,616,630	26,223,520	59,567,963 ^x	159,408,113
1947	112,849,556	35,927,326	47,530,852	196,307,734

^x Synthetic Rubber included in 1944, 1945 and 1946 but not in 1947.

Table 4. - Summary of Tire Production, 1922-1938.

Year	Pneumatic Tires					
	Casings		Inner Tubes		Solid Tires	
	Number	Selling Value	Number	Selling Value	Number	Selling Value
		\$		\$		\$
1922	1,505,478	19,670,678	1,520,724	2,633,616	15,572	475,735
1923	2,190,656	23,691,563	2,291,938	3,686,055	22,546	658,090
1924	2,187,415	23,185,736	2,491,805	4,361,554	20,995	531,189
1925	3,023,109	33,922,226	3,510,611	6,988,033	20,918	721,039
1926	3,057,447	38,689,847	3,576,184	8,019,198	18,061	798,049
1927	3,893,973	40,969,240	4,295,917	8,334,099	21,471	859,552
1928	4,375,045	41,279,358	4,660,823	7,382,193	17,377	592,636
1929	4,534,082	43,786,363	4,699,662	6,691,773	10,906	387,227
1930	3,394,885	31,270,207	3,397,779	4,918,548	502,064 lb.	168,489 ^x
1931	2,575,156	22,647,068	2,291,298	3,192,993	406,140 lb.	96,769 ^x
1932	1,728,026	13,903,842	1,519,823	1,742,020	384,286 lb.	101,611 ^x
1933	1,898,416	15,752,116	1,721,913	1,943,339	545,494 lb.	82,083 ^x
1934	2,611,222	23,750,847	2,349,217	3,057,306	742,210 lb.	99,256 ^x
1935	2,465,167	23,884,022	2,284,110	3,155,175	538,665 lb.	88,552 ^x
1936	2,527,213	25,171,244	2,457,346	3,514,588	585,039 lb.	97,890 ^x
1937	2,916,020	31,586,894	2,758,393	4,147,458	651,305 lb.	102,431 ^x
1938	2,392,337	25,328,672	2,155,412	3,062,235	456,731 lb.	74,539 ^x

For 1939 to 1946. See Tables 5 and 6

^x Includes "solid carriage and automobile tires", and "all other rubber tires" (including baby carriage tires and tiring).

NOTE: The above figures include motorcycle tires and tubes, but do not include bicycle tires and tubes.

THE RUBBER INDUSTRY IN CANADA, 1947

Table 5. - Production of Tires, by Types, Quantities and Values, 1939-1947

	First line Number	Second line Number	Third line Number	Fourth line Number	Total Tires Number	Total Selling Value
1. 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	21,592,164
1947	2,835,203	-	-	-	2,835,203	31,269,025
(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
2. 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	50,353,356
1946	678,232	-	-	-	678,232	28,683,435
1947	1,188,733	-	-	-	1,188,733	49,966,091
3. High Pressure -						
(a) 30x3 1/2						
1939	397	7,300	36,397	-	44,094	171,532
1940	48	3,158	7,582	24,773	35,531	136,356
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
(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
1943-1947	-	-	-	-	-	-
(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	113,969
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
i. 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	+	-	-	-	+	+
5. 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
6. Bicycle -						
1939	70,633	295,422	17,066	-	383,121	266,852
1940	71,079	140,315	132,986	103,094	447,474	304,323

THE RUBBER INDUSTRY IN CANADA, 1947

Table 5. - Production of Tires, by Types, Quantities and Values, 1939-1947 (Concluded)

	First line Number	Second line Number	Third line Number	Fourth line Number	Total Tires Number	Total Selling Value \$
6. Bicycle (Concl'd.)						
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	10,250	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
7. 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	489,576	-	-	-	489,576	8,350,895
8. 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 and 1947	-	-	-	-	-	-
(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	-	-	-	-	-	-
9. Automotive vehicle, solid -						
1939	760	-	-	-	760	12,637
1940	1,433	-	-	-	1,433	24,018
1941	2,032	-	-	-	2,032	31,454
1942-1947	-	-	-	-	-	-
10. 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
11. 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
12. 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
TOTAL TIRES -						
1939	1,688,879	656,979	693,037	-	3,038,895	27,888,571
1940	1,695,136	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

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

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Table 6. - Production of Tubes, by Types, Quantities and Values, 1939-1947.

	First line	Second line	Third line	Total	Total Selling Value
	Number	Number	Number	Number	\$
1. 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	2,927,566	-	-	2,927,566	5,657,611
2. Bus and Truck -					
1939	264,571	158,759	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	935,402	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	2,606,925
1947	929,025	-	-	929,025	3,704,682
3. 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	54,087
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
4. 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	556,635	192,401
1942	245,598	140,475	41,676	427,749	153,074
1943	144,642	147,206	95,049	386,897	130,656
1944	348,910	52,640	30,308	431,888	189,471
1945	474,037	15,000	-	490,037	225,561
1946	525,245	17,835	-	543,080	230,564
1947	857,360	53,159	-	910,519	543,900
5. 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	93,896
1946	515	-	-	515	3,337
1947	610	-	-	610	5,693
6. Motorcycle - (included under "all other" 1939-1944)					
1945	3,035	-	-	3,035	4,593
1946	10,031	-	-	10,031	16,309
1947	21,640	-	-	21,640	30,999
7. 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
TOTAL TUBES					
1939	1,264,896	332,125	1,155,176	2,752,197	3,539,620
1940	1,605,080	347,578	1,005,288	2,960,946	4,271,578
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

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Footwear Production

The production of rubber footwear is shown by classes, quantity and selling value at the factory in Table 7 for the years 1946 and 1947. There was an increase of 5,871,735 in the number of pairs of all classes manufactured and an increase of \$9,703,806 in the value of production.

Table 7. - Rubber Footwear Production by Classes

Kind	1946		1947	
	Quantity Pairs	Selling Value \$	Quantity Pairs	Selling Value \$
Boots, all rubber -				
(a) Knee, stormking and hip	2,525,253	6,020,707	4,346,312	7,866,688
(b) Lumbermen's	1,079,107	1,759,174	1,404,774	2,267,434
Boots, rubber bottoms and leather tops -				
Lumbermen's	292,155	1,461,284	411,271	1,900,276
Bottoms for leather tops	113,953	179,010	247,765	398,962
Overshoes and goloshes (not including jersey storms) -				
(a) Rubber, with fabric uppers	2,667,560	5,686,623	3,298,575	7,825,836
(b) All rubber, lined and unlined	1,691,907	2,487,392	2,669,440	4,363,642
Light and heavy rubbers (in- cluding jersey storms)	4,500,378	3,224,878	5,505,216	4,002,153
Bathing shoes	-	-	-	-
Rubber-soled footwear with canvas or other fabric tops -	5,519,557 4,790,163	4,755,939 4,408,684	6,393,480 5,483,318	6,549,493 6,071,846
Rubber-soled footwear, with leather tops -	295,424 1,084,818	644,299 991,604	277,338 1,107,500	743,886 1,221,533
Other footwear	1,831	4,214	4,689	8,956
TOTAL FOOTWEAR	18,687,125	26,223,520	24,558,860	35,927,326

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Table 8. - Other Products of the Rubber Goods Industry

Articles Manufactured	Unit of Measure	1946		1947	
		Quantity	Selling Value at the Works	Quantity	Selling Value at the Works
Rubber clothing	Doz.	33,523	\$96,999	49,188	\$1,007,718
Waterproofed clothing and rainwear from resin film	"	15,480	663,108	21,855	671,090
Rubberized or waterproofed fabrics	Sq. Yd.	1,005,630	528,556	616,695	257,291
Artificial or imitation leather	"	1,584,555	1,004,932	1,518,585	1,089,130
Rubber and composition soles	Pr.	3,250,357	695,650	1,779,855	385,682
Rubber and composition half-soles	"	1,099,960	182,358	599,962	130,820
Rubber and composition heels	"	23,925,919	1,876,134	18,001,442	1,388,164
Rubber soles and rubber slabs for heels, etc.	Lb.	2,027,171	463,763	1,156,388	342,766
Rubber belting	"	7,636,172	4,810,541	7,142,479	7,623,719
Fan belts for automobiles	No.	1,523,978	623,374	2,324,245	1,052,874
Other rubber belts	"	636,288	488,176	1,434,231	1,064,420
Rubber hose	Lb.	9,865,274	5,648,259	14,288,921	7,191,590
Rubber tubing	"	301,118	166,043	302,197	163,988
Rubber packing	"	1,031,928	243,007	1,453,769	389,630
Rubber supplies for plumbers, etc. (washers, plugs, etc.)	-	-	385,439	-	612,566
Rubber thread, covered and not covered	Lb.	920,709	889,553	803,312	1,012,680
Rubber, hard, in sheets, strips and rods	"	119,591	98,383	174,235	139,060
Rubber and friction tape	"	1,945,313	739,733	2,117,078	1,133,763
Rubber covered rolls	-	-	468,951	-	994,772
Rubber roll covering	Lb.	106,031	204,694	27,340	45,431
Rubber coverings and linings for tanks, pipes, etc.	"	291,272	360,246	293,164	485,001
Rubber floor mats, matting, stair treads, etc.	"	1,519,703	375,304	3,498,725	1,031,165
Mats for doors, etc. made from scrap rubber	Sq. ft.	(1)	(1)	83,332	74,190
Rubber tiling and flooring	Lb.	(1)	(1)	173,936	79,542
Rubber tires and tiring, for baby carriages, toys, etc.	"	2,012,766	259,670	1,748,527	254,501
Repair gums and fabrics	"	405,167	333,882	396,562	370,676
Other unvulcanized gums	"	493,502	147,848	817,701	248,639
Camel back	"	1,211,634	410,178	1,479,560	509,638
Cured rubber, in slabs	"	109,932	65,977	135,569	87,999
Rubber cement (for sale as such)	Gal.	142,539	190,084	129,498	195,755
Air and steam bags	No.	4,193	68,526	4,247	68,345
Tire and tube patches (boots, re-liners, etc.)	"	3,460,256	626,239	2,170,146	457,465
Tube repair kits	"	415,384	46,923	637,142	78,155
Tire flaps	"	218,405	306,393	367,270	465,998
Tire flap material	Lb.	9,915	5,853	14,070	8,086
Battery containers and parts	No.	7,524,087	1,116,707	8,687,857	1,542,941
Rubber automotive and aeroplane parts	Lb.	2,270,348	898,658	4,056,152	1,676,340
Drugists' and medical sundries -					
Hot water bottles	Doz.	50,198	337,942	57,558	437,500
Fountain syringes	"	2,865	18,419	3,748	22,993
Bulb syringes and bulbs	"	34,678	36,140	22,808	74,209
Combination attachment sets	"	2,873	9,468	9,250	31,955
Nipples and soothers	"	692,966	177,618	601,244	178,578
Ice caps and collars, etc.	"	2,553	17,169	4,776	33,338
Air cushions, invalid rings, etc.	"	930	17,098	1,694	28,839
Gloves, rubber	Doz. pr.	75,726	477,334	63,097	368,720
Gloves, rubberized, etc.	"	4,563	19,883	27,150	205,061
Finger cots and pads	Doz.	40,848	6,981	53,016	9,568
Crib sheets, (finished and blankets)	"	22,544	94,831	24,477	94,679
Sheets, other (rubber and rubberized)	"	352	9,223	468	11,144
Rubber sheeting (hospital, crib, etc.)	Sq. Yd.	120,925	73,332	109,851	89,939
All other (trusses and pads, air and sponge mattresses, etc.)	-	-	93,515	-	49,387
Rubber stationery goods (erasers, rubber bands, etc.)	-	-	323,133	-	295,655
Rubber jar rings	lb.	790,942	447,826	1,207,001	483,193
Rubber weatherstripping	"	156,288	52,913	178,429	60,964
Rubber and rubberized aprons	Doz.	13,123	112,724	20,619	117,150
Baby pants, rubber, oiled silk, etc.	"	85,560	228,483	100,368	209,491
Dress shields	"	40,628	93,661	30,064	50,167
Sanitary goods, n.e.s.	"	959,956	283,193	369,567	180,237
Bathing caps, shower caps, etc.	"	45,839	128,631	62,333	154,710
Rubber play balls, including bladders for footballs	"	490,118	550,968	317,198	566,023
Rubber toys and novelties	"	-	43,371	49,246	95,910
Hockey pucks	"	31,473	26,174	16,913	16,910
Balloons,	Gross	14,119	87,335	34,960	183,681
Horseshoes, horseshoe pads, etc.	Doz.	7,461	31,433	26,811	136,725
Fly swatters	"	-	63,452	-	42,793
Tobacco pouches	"	6,277	6,175	4,107	7,294
Moulded rubber goods, n.e.s.	Lb.	1,446,134	908,296	1,909,167	1,213,935
Moulded plastics	"	678,765	458,393	1,111,257	700,854
Sponge & hard rubber mats, pads, cushions, etc.	Doz.	20,440	234,918	64,365	317,917
Soft and sponge rubber goods, n.e.s.	Lb.	497,962	300,050	211,122	149,942
Hard rubber goods, n.e.s.	"	217,178	135,345	294,133	264,350
Latex compounds	"	(1)	(1)	1,988,434	1,336,082
Synthetic resin film (including plastic sheeting)	"	(1)	(1)	2,236,408	1,895,728
All other products (synthetic rubber included in 1946)	-	-	27,372,395	-	3,105,643
TOTAL VALUE OF OTHER PRODUCTS	-	-	59,567,963	-	47,530,852

(1) Included under "All other products".

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

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Table 9. - Materials Used by Quantity and Cost Value.

Materials	Unit of Measure	1946		1947	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Rubber, raw or crude +	Lb.	20,766,009	4,939,862	69,676,909	14,310,716
Rubber, reclaimed +	"	28,702,888	2,387,045	33,421,315	2,734,100
Rubber, scrap +	"	50,997,948	741,885	40,850,000	393,941
Rubber, dispersions	"	-	-	1,215,187	121,994
Latex	"	979,832	365,450	-	-
Latex compounds	"	-	-	1,879,280	497,087
Rubber, synthetic +	"	62,568,257	13,167,409	61,599,011	11,500,590
Rubber, all other	"	156,092	52,743	28,740	23,463
Synthetic resins	"	4,658,819	1,242,399	4,633,440	1,161,711
Plastics, other	"	36,851	23,210	38,077	21,196
Tire fabrics	"	80,190,542	10,655,303	32,568,115	21,076,916
Hose fabrics	"	666,718	256,553	858,943	455,462
Belting duck	"	3,891,034	1,499,087	5,694,274	3,002,215
Shoe fabrics, other than leather.	Yd.	1,419,184	442,676	3,472,296	1,173,203
Wool jersey	"	75,030	99,832	78,723	128,062
Fur	"	926,957	327,533	1,462,159	550,092
Miscellaneous cottons	"	12,503,136	2,330,685	13,836,146	3,451,039
Other Fabrics, n.e.s.	"	2,834,504	1,518,133	3,221,400	2,107,520
Cotton fibre	Lb.	946,534	205,995	1,010,043	336,939
Felt and jutex	"	711,568	197,510	873,918	125,868
Leather, real	"	905,758	510,601	716,873	765,842
Carbon black	"	32,650,393	2,016,450	48,655,862	3,157,897
Clays and earths	"	8,665,245	107,538	10,999,411	140,230
Mica, ground	"	263,214	16,868	382,324	26,950
Solvents	Gal.	1,734,924	361,306	1,899,535	364,450
Sulphur	Lb.	2,891,792	111,237	4,329,425	179,454
Whiting	"	8,234,869	74,952	11,829,273	124,678
Zinc oxide	"	4,938,321	346,443	7,779,180	813,012
Talc and soapstone	"	5,057,146	51,182	6,149,613	69,434
Barytes	"	921,218	19,968	1,110,747	24,625
Titanium dioxide	"	-	-	254,808	44,035
Accelerators, n.e.s.	"	1,208,578	647,414	1,469,745	771,672
Plasticizers, n.e.s.	"	5,458,941	689,464	8,132,530	956,490
Anti-oxidants, n.e.s.	"	-	-	734,178	386,211
Other chemicals x	-	-	11,427,548	-	4,068,147
Wire, bead, etc.	lb.	4,323,629	533,588	6,692,477	878,388
Hardware fittings	-	-	809,399	-	1,241,717
Shoe findings	-	-	653,803	-	1,073,481
Paints, lacquers, etc.	Gal.	36,652	70,112	130,197	299,927
Rubber cement	"	87,768	58,942	67,271	60,058
Thread for sewing	-	-	89,223	-	108,722
Firehose jackets	-	-	230,226	-	420,348
Containers and packaging material	-	-	1,280,505	-	1,277,714
All other materials	-	-	1,575,499	-	2,509,029
TOTAL COST OF MATERIALS USED	-	-	62,135,578	-	82,934,625

* For details of "rubber used" see Tables 10, 17(A), 17(B) and 17(C).

x Included chemicals used in the production of synthetic rubber in 1946 but not in 1947.

Table 10. - Consumption of Rubber during 1947, by types and by end products,
and Stocks of Rubber on hand as at December 31, 1947.
(See also Table 17)

Types of Rubber	(a) CONSUMPTION			On Hand December 31, 1947	(b) STOCKS		
	Used in the Manufacture of -						
	Tires, etc.	Footwear	Other Products ⁺				
	Pounds	Pounds	Pounds	Pounds			
Raw and crude rubber	54,254,000	8,989,000	9,052,000	11,791,414			
Reclaim rubber	▲	▲	36,566,628▲	5,110,605			
Synthetic rubber -							
(a) Buna-S				4,995,520			
(b) Other types	48,432,000	4,459,000	12,477,000	4,412,241			

* The figures shown under "Other Products" include rubber used by manufacturers who are not reporting in the Rubber Industry.

▲ Includes "reclaim" rubber used in manufacturing tires, tubes, footwear, etc.

Table 11. - Capital Investment

Year	Fixed Capital		Working Capital		
	Present Value of land, buildings, fixtures, machinery, tools, etc.	Value of raw mater- ials, stocks in process, fuel and sup- plies on hand	Inventory value of finished products on hand	Inventory Cash, bills and accounts receivable, on hand	Total Capital
	\$	\$	\$	\$	\$
CANADA, 1931	42,547,378		11,428,826	13,470,751	67,446,955
CANADA, 1932	42,939,533		9,226,396	14,628,974	65,794,903
CANADA, 1933	40,936,872		9,258,565	15,119,035	65,314,472
CANADA, 1934	40,350,319		12,832,911	12,864,241	66,047,471
CANADA, 1935	39,244,255		13,174,347	11,017,196	63,435,798
CANADA, 1936	37,368,800		15,935,318	11,296,361	64,600,479
CANADA, 1937	37,848,950		16,219,428	11,050,834	65,119,212
CANADA, 1938	38,102,399		14,609,027	12,143,022	64,854,448
CANADA, 1939	35,040,587		17,629,011	12,704,671	65,374,269
CANADA, 1940	35,561,790		22,565,356	12,461,400	70,588,546
CANADA, 1941	28,078,456 ^x		27,642,997	16,264,087	71,985,540
CANADA, 1942	26,696,562	12,032,717	11,003,502	21,869,798	71,602,579
<u>1943</u>					
CANADA	27,015,832	13,510,733	9,770,573	23,253,630	73,550,768
Quebec	3,737,988	2,537,298	894,687	2,124,699	9,294,672
Ontario	23,195,531	10,963,808	8,872,128	21,110,945	64,142,412
Other Provinces ...	82,313	9,627	3,758	17,986	113,684
1944 - 1947	This information not collected.				

^x The decrease in fixed capital since 1941 is due to adjustments in the depreciation accounts by several firms.

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Table 12. - Employees, by sex and remuneration

	Salaries Employees			Wage-earners (Monthly Averages)			Total Employees Salaries and Wages		
	Male	Fe- male	Salaries	Male	Fe- male	Total Wages	Male	Fe- male	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<u>1946</u>									
CANADA	3,038	1,464	10,306,594	12,739	4,814	27,506,769	15,777	6,278	37,813,363
Quebec	605	227	1,811,042	3,428	1,882	7,163,732	4,033	2,109	8,974,774
Ontario	2,418	1,234	8,466,899	9,288	2,924	20,295,544	11,706	4,158	28,762,443
Other Provinces .	15	3	28,653	23	8	47,493	38	11	76,146
<u>1947</u>									
CANADA	2,683	1,227	9,547,021	14,386	5,179	37,066,872	17,069	6,406	46,613,893
Quebec	619	240	2,044,898	3,733	2,047	8,770,436	4,352	2,287	10,815,334
Ontario	2,048	986	7,471,164	10,631	3,130	28,254,332	12,679	4,116	35,725,496
Other Provinces .	16	1	30,959	22	2	42,104	38	3	73,063

Table 13. - Monthly Employment of Wage-earners, by Sex

	1946			1947		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	14,244	5,486	19,730	14,144	5,184	19,328
February	14,521	5,489	20,010	14,227	5,222	19,449
March	14,553	5,469	20,022	14,525	5,409	19,934
April	14,672	5,265	19,937	14,557	5,462	20,019
May	14,762	5,154	19,916	14,510	5,269	19,779
June	14,381	5,088	19,469	14,506	5,076	19,582
July	7,836	3,550	11,386	14,464	4,869	19,333
August	7,810	3,636	11,446	14,340	4,979	19,319
September	8,019	3,679	11,698	14,363	5,027	19,390
October	11,904	4,508	16,412	14,357	5,151	19,508
November	15,007	5,193	20,200	14,408	5,255	19,663
December	15,181	5,234	20,415	14,230	5,190	19,420
MONTHLY AVERAGE	12,739	4,814	17,553	14,386	5,179	19,565

Note: - Decrease in employment, July to October, mostly due to strikes.

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Table 15. - Power Equipment

Classes of Power	1946		1947	
	Number of units	Rating of Horse-power Capacity	Manufacturers'	
			Number of units	Rating of Horse-power Capacity
Steam engines and turbines				
(in use ...	222	57,544	19	5,735
(idle	7	385	7	385
Gasoline, gas and oil engines				
(in use ...	34	14,200	-	-
Hydraulic turbines or water wheels				
(in use ...	4	1,300	4	1,300
Electric motors, operated by purchased power ^x				
(in use ...	9,043	84,592	9,685	91,258
(idle	734	3,356	711	10,030
TOTAL POWER AVAILABLE FOR MANUFACTURING	10,044	161,377	10,426	108,708
Electric motors, operated by power generated by the establishment	856	16,244	254	2,368
TOTAL ELECTRIC MOTORS	10,633	104,192	10,650	103,656
Boiler installation (in use ...	62	28,315	56	14,011
(idle	10	1,660	8	1,560

^x Includes about 1,500 motors having only about 500 horse-power.

Table 16. - Consumption of Fuel and Electricity.

Classes of Fuel	Unit of Measure	1946		1947	
		Quantity	Cost Value at factory	Quantity	Cost Value at factory
Bituminous coal	Short ton	370,587	\$ 2,486,304	134,877	\$ 1,215,630
Anthracite coal	" "	14	224	19	340
Sub-bituminous coal (from Alberta mines)	" "	728	7,283	2	26
Lignite coal	" "	45	242	40	240
Coke	" "	301	2,292	312	2,426
Gasoline ^x	Imp. Gal.	77,915	19,674	60,707	19,377
Kerosene or coal oil	" "	1,934	329	2,988	550
Fuel oil	" "	4,809,837	261,768	1,895,481	162,655
Gas, manufactured	M cu. ft.	15,942	13,344	25,853	20,848
Gas, natural	M cu. ft.	23,291	13,828	699	482
All other fuel (includes purchased steam)	-	-	27,497	-	29,881
TOTAL COST OF FUEL			\$ 2,832,785		\$ 1,452,455
Electricity purchased (including service charges)	Kw. H.	172,535,874	988,502	210,564,597	1,247,647
TOTAL COST OF FUEL AND ELECTRICITY			3,821,287		2,700,102

^x Includes gasoline used in cars and trucks.

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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 for 1947, compiled from the monthly returns, are presented in the special supplementary tables following this text.

The end product use of reclaim rubber is not available, before April 1948, except through the very broad reclaim type classification of "Dispersions" and "Other than dispersions".

For a historical series, covering Rubber as a Commodity, up to and including the month to month figures for such part of 1949 as has elapsed, reference should be made to the "Monthly Report on Consumption, Production and Inventories of Rubber".

Table 17(A). - Consumption of Synthetic Rubber, by Types and by Months, 1947.

	Buna S pounds	Butyl pounds	Neoprene pounds	Other pounds	Total pounds
1947 - January	5,710,124	1,199,032	230,720	18,173	7,158,049
February	5,034,216	1,095,348	176,960	18,814	6,325,338
March	5,122,804	1,001,714	241,890	76,249	6,442,657
April	5,201,926	1,162,252	217,750	9,477	6,591,405
May	5,135,107	1,092,810	225,866	16,464	6,470,247
June	4,447,404	960,038	219,914	63,014	5,690,370
July	3,689,525	759,452	146,944	15,129	4,611,050
August	3,059,955	665,754	116,599	10,323	3,852,631
September	3,661,306	882,330	177,278	13,099	4,734,013
October	3,607,668	858,690	174,591	18,630	4,659,579
November	3,394,278	815,672	169,987	16,585	4,396,522
December	3,380,775	925,781	122,208	7,035	4,435,799
TOTAL	51,445,088	11,418,873	2,220,707	282,992	65,367,660

Table 17(B) - Consumption of Reclaim Rubber, by Types and by Months, 1947 showing percentage of Reclaim to All Rubber Consumed.

Month	Dispersions	Other than Dispersions	Total	Percentage to All Rubber
				Pounds Per cent
1947 - January	147,840	3,286,080	3,433,920	22.3
February	129,920	3,147,200	3,277,120	22.5
March	134,392	3,381,357	3,515,749	22.8
April	202,416	2,922,378	3,124,794	20.5
May	168,592	3,053,234	3,221,826	20.6
June	166,105	2,744,499	2,910,604	20.1
July	144,393	2,365,824	2,510,217	20.0
August	130,975	2,071,196	2,202,171	20.1
September	158,296	2,963,932	3,122,228	20.7
October	145,241	2,984,191	3,129,432	20.5
November	140,170	3,034,534	3,174,704	21.5
December	125,594	2,818,269	2,943,863	19.9
TOTAL	1,793,934	34,772,694	36,566,628	21.0

THE RUBBER INDUSTRY IN CANADA, 1947

Table 17 (C). -- Consumption of Natural and Synthetic Rubber, in Total, by End Products, and by Months, 1947.
Showing also percentage of each to total rubber consumed.

Natural Rubber Used in the Manufacture of -								
	Tires and tubes	Repair Materials	Mechanical Goods	Wire and Cable	Footwear	Other Products	Total	Percentage
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	Per cent
1947 - January ...	3,926	56	256	20	436	130	4,824	31.3
February ..	3,990	50	290	24	507	120	4,981	34.2
March	4,275	42	323	22	624	179	5,465	35.4
April	4,375	42	302	25	612	190	5,546	36.3
May	4,473	30	354	35	792	237	5,921	37.9
June	4,361	39	387	45	788	265	5,885	40.6
July	4,133	36	410	14	641	214	5,448	43.3
August	3,285	38	366	36	962	222	4,909	44.8
September .	5,240	47	581	53	991	316	7,228	47.9
October ...	5,348	56	701	83	939	332	7,459	48.9
November ..	5,303	56	593	59	884	310	7,205	48.8
December ..	5,545	57	623	92	813	292	7,422	50.1
TOTAL	54,254	549	5,186	508	8,989	2,807	72,293	41.5

Synthetic Rubber Used in the Manufacture of -								
	Tires and tubes	Repair Materials	Mechanical Goods	Wire and Cable	Footwear	Other Products	Total	Percentage
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	Per cent
1947 - January ...	5,194	95	849	183	378	459	7,158	46.4
February ..	4,828	90	474	164	375	394	6,325	43.3
March	4,717	63	670	168	519	306	6,443	41.8
April	4,774	69	646	165	575	362	6,591	43.2
May	4,877	51	586	231	401	324	6,470	41.5
June	4,340	37	615	164	210	324	5,690	39.3
July	3,532	37	446	114	307	175	4,611	36.7
August	2,876	33	312	155	314	163	3,853	35.1
September .	3,370	37	517	208	378	224	4,734	31.4
October ...	3,385	27	436	190	365	257	4,660	30.6
November ..	3,158	45	368	253	323	250	4,397	29.7
December ..	3,381	61	334	157	314	189	4,436	30.0
TOTAL	48,432	645	6,253	2,152	4,459	3,427	65,368	37.5

THE RUBBER INDUSTRY IN CANADA, 1947

Table 18. - Imports of Rubber and Rubber Goods by Articles for
the Calendar Years 1946 and 1947

Articles Imported	Unit of Measure	1946		1947	
		Quantity	Value	Quantity	Value
Gutta-percha, unmanufactured	Pound	3,000	\$ 8,817	8,623	\$ 3,813
Balata, crude, unmanufactured ...	"	42,147	41,159	31,878	51,983
Rubber, crude, unmanufactured ...	"	28,862,075	5,994,090	74,931,531	13,873,661
Latex	"	1,144,780	367,331	2,483,876	809,749
Synthetic rubber, crude, and other rubber substitutes	"	4,839,600	1,203,174	3,272,800	795,700
Rubber, hard, in sheets, strips, rods or tubes	"	31,263	24,744	21,573	28,254
Rubber, powdered, and rubber waste	"	11,924,500	252,101	10,528,000	269,680
Rubber, recovered	"	25,885,100	2,011,271	24,250,200	1,911,333
Rubber thread, not covered	"	76,783	110,462	65,749	78,465
Canvas shoes with rubber soles ..	Pair	2,241	6,131	11,992	28,812
Boots and shoes, rubber, n.o.p. .	"	118,251	90,120	403,983	621,264
Bathing shoes	"	-	-	23,348	10,871
Tires, bicycle, pneumatic casings	Number	23,783	29,355	38,221	40,950
Tires, bicycle, inner tubes	"	12,737	8,487	29,009	15,152
Tires, pneumatic rubber tire casings, n.o.p.	"	96,279	3,438,269	122,647	1,784,494
Tires, inner tubes, n.o.p.	"	48,813	250,607	39,514	90,921
Tires, solid rubber, for automobiles and trucks	"	250	8,225	354	7,409
Tires, solid rubber, n.o.p.	-	-	42,617	-	67,241
Golf balls	Dozen	4,458	26,908	8,292	38,385
Heels, rubber	Pair	56,301	7,480	58,068	6,574
Hose, rubber and rubber lined ...	-	-	375,296	-	520,731
Belting, rubber	-	-	543,582	-	858,472
Cement, rubber	-	-	373,196	-	546,288
Raincoats of rubber	Number	9,101	25,579	12,576	47,365
Raincoats of water-proofed cotton	"	67,462	716,105	86,025	854,472
Clothing, rubber or water- proofed, n.o.p.	-	-	34,359	-	68,909
Gloves, rubber	Doz. Pr.	14,732	57,060	15,645	61,347
Hot water bottles, rubber	-	-	33,924	-	58,428
Mats and matting, rubber	-	-	458,770	-	589,175
Packing, rubber	-	-	149,608	-	147,759
Rubber compound, liquid or paste.	-	-	129,986	-	106,135
Gaskets and washers, rubber	-	-	241,478	-	375,183
Druggists' sundries, rubber	-	-	438,665	-	593,034
Tire repair material of rubber ..	-	-	315,196	-	210,177
Nursing nipples, rubber	Gross	13,840	42,910	11,579	41,960
Manufactures of india-rubber and gutta-percha, n.o.p.	-	-	2,937,690	-	3,947,338

THE RUBBER INDUSTRY IN CANADA, 1947

Table 19. - Exports of Canadian Produce by Classes for the
Calendar Years, 1946 and 1947

Articles Exported	Unit of Measure	1946		1947	
		Quantity	Value	Quantity	Value
			\$		\$
Crude rubber (synthetic)	Pound	42,001,277	7,862,999	43,436,872	7,981,609
Heels of rubber	Pair	1,489,672	113,355	936,120	75,820
Soles of rubber	"	379,029	65,488	139,750	27,771
Soling slabs of rubber	Pound	105,074	25,843	67,897	16,284
Waste rubber	"	18,204,400	289,772	16,011,300	225,072
Fan belts of rubber	-	-	43,854	-	62,698
Belting of rubber, n.o.p.	"	2,604,958	1,576,190	3,759,985	2,548,856
Hose of rubber	-	-	552,548	-	971,414
Canvas shoes with rubber soles ..	Pair	1,610,564	1,529,160	2,299,029	2,222,354
Boots and shoes of rubber, n.o.p.	"	1,997,024	3,312,431	3,831,184	5,863,022
Clothing, rubber and water- proofed	-	-	432,721	-	372,469
Tires for motor vehicles -					
Pneumatic tire casings	Number	276,775	5,221,906	602,793	10,460,738
Inner tubes	"	301,988	744,744	604,425	1,503,666
Tires for vehicles, n.o.p. (chiefly aircraft)	"	35,032	43,681	58,345	57,608
Manufactures of rubber, n.o.p. ...	-	-	661,645	-	733,724
Bathing caps of rubber	-	-	677	-	1,643

List of Manufacturers of Rubber Goods Reporting in 1947

INDEX TO MAIN PRODUCTS (1) Rubber Footwear (2) Rubber Tires (3) Other Products

Name of Company	Address	Main Products
<u>QUEBEC</u>		
The Acton Rubber Ltd.	Acton Vale	(1)
Allied Rubber, Inc.	7230 Alexandra St., Montreal	(3)
Best Rubber Carpet, Reg'd.	1583 rue Iberville, Montreal	(3)
American Wringer Co. of Canada Ltd.	Farnham	(3)
Bemis Associates of Canada, Ltd.	Sherbrooke	(3)
The British Rubber Co. of Canada, Ltd.	500-20th Ave., Lachine	(1) (2) (3)
Cambridge Rubber Ltd.	St. Remi	(1)
Canadian Lastex Ltd.	1665 Notre Dame St. E., Montreal	(3)
Dominion Rubber Co. Ltd.	St. Jerome	(1)
Dominion Rubber Co. Ltd.	1812 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., Girard & Fils Ltée (Perfection Rubber Mats, Enr.)	425 River St., Verdun Montmorency	(3)

THE RUBBER INDUSTRY IN CANADA, 1947List of Manufacturers of Rubber Goods Reporting in 1947 - Cont'd.

<u>Name of Company</u>	<u>Address</u>	<u>Main Products</u>
<u>QUEBEC (Concl'd.)</u>		
The Holtite Rubber Co. of Canada Ltd.	Drummondville	(3)
The Miner Rubber Co., Ltd.	Granby	(1) (3)
Panther Rubber Co. Ltd.	Sherbrooke	(3)
St. Lawrence Rubber Co. Ltd.	Farnham	(3)
Stedfast Rubber Co. (Canada) Ltd.	Granby	(3)
Tillotson Rubber Co. Ltd.	St. John's	(3)
<u>ONTARIO</u>		
Barrington Rubber & Plastics Ltd.	Oakville	(3)
Bata Shoe Co. of Canada, Ltd.	Batawa	(1)
Biltrite Tire Co. Ltd.	121 de Grassi St., Toronto	(3)
Canada Matting Company	178 Ossington Ave., Toronto	(3)
Canadian General-Tower Ltd.	Galt	(3)
Canadian Rubber Products Co. Ltd.	2 Scarlett Road, Toronto	(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)
Dominion Rubber Co. Ltd.	149 Strange St., Kitchener	(2) (3)
Dunlop Tire & Rubber Goods Co. Ltd.	870 Queen St. E., Toronto	(2) (3)
Firestone Tire & Rubber Co. of Canada, Ltd.	Beach Road, Hamilton	(2) (3)
The B.F. Goodrich Rubber Co. of Canada, Ltd.	521 King St. W., Kitchener,	(1) (2) (3)
The Goodyear Tire & Rubber Co. of Canada, Ltd.	Bowmanville	(2) (3)
The Goodyear Tire & Rubber Co. of Canada, Ltd.	New Toronto	(2) (3)
Gutta Percha and Rubber Ltd.	160 West Lodge Ave., Toronto	(1) (2) (3)
G. L. Griffith & Sons Ltd.	341 Erie Street, Stratford	(3)
Kaufman Rubber Company, Ltd.	410 King St. W., Kitchener	(1) (3)
I. B. Kleinert Rubber Company	91 Wellington St. W., Toronto	(3)
A. McKillop & Sons, Ltd.	West Lorne	(3)
National Rubber Co. Ltd.	5 Wiltshire Ave., Toronto	(3)
Northern-Woodstock Rubber Ltd. (Selling only)	60-62 Front St. W., Toronto	(1)
Novelty Rubber Company	150 Canada Street, Hamilton	(3)
Ontario Fabrix Mat Company	Maryhill	(3)
Ruflex Threads, Ltd.	96 Gore St., Hamilton	(3)
Seiberling Rubber Co. of Canada Ltd.	99 Paton Road, Toronto	(2) (3)
Sterling Rubber Co. Ltd.	Guelph	(3)
Joseph Stokes Rubber Co. Ltd.	Welland	(3)
Viceroy Manufacturing Co. Ltd.	1649 Dupont St., Toronto	(3)
Vernon C. Watson	17-28th St., Long Branch	(3)
Frank Wells	435 St. Clarens Ave., Toronto	(3)
Western Rubber Co. of Canada	Alton	(3)
S. C. Williams	Woodbridge	(3)
<u>MANITOBA</u>		
Ever-Wear Tire Products Company	875 Main St., Winnipeg	(3)

THE RUBBER INDUSTRY IN CANADA, 1947

List of Manufacturers of Rubber Goods Reporting in 1947 - Concl'd.

<u>Name of Company</u>	<u>Address</u>	<u>Main Products</u>
<u>SASKATCHEWAN</u>		
Hodgson Rubber Company	148 High St. W., Moose Jaw	(3)
<u>ALBERTA</u>		
Alberta Rubber Mat Industry	1109-10th Ave. E., Calgary	(3)
Fabrix Rubber Mat Co. Ltd.	10,027-92nd St., Edmonton	(3)
<u>BRITISH COLUMBIA</u>		
A. C. Rubber Manufacturing Co. Ltd.	1430 Burrard St., Vancouver	(3)
B. C. Rubber Mat Company	1901, 1st. Ave. W., Vancouver	(3)
Huntington Rubber Mills of Canada, Ltd.	Port Coquitlam	(3)
Western Mat Company (1947)	378 Powell St., Vancouver	(3)

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