

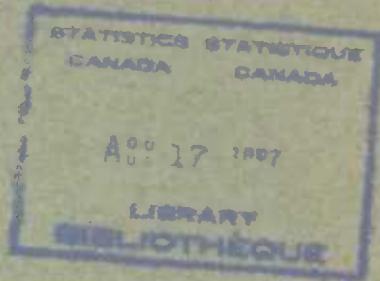
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CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY  
GENERAL MANUFACTURES BRANCH

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REPORT  
ON THE  
RUBBER INDUSTRY



IN

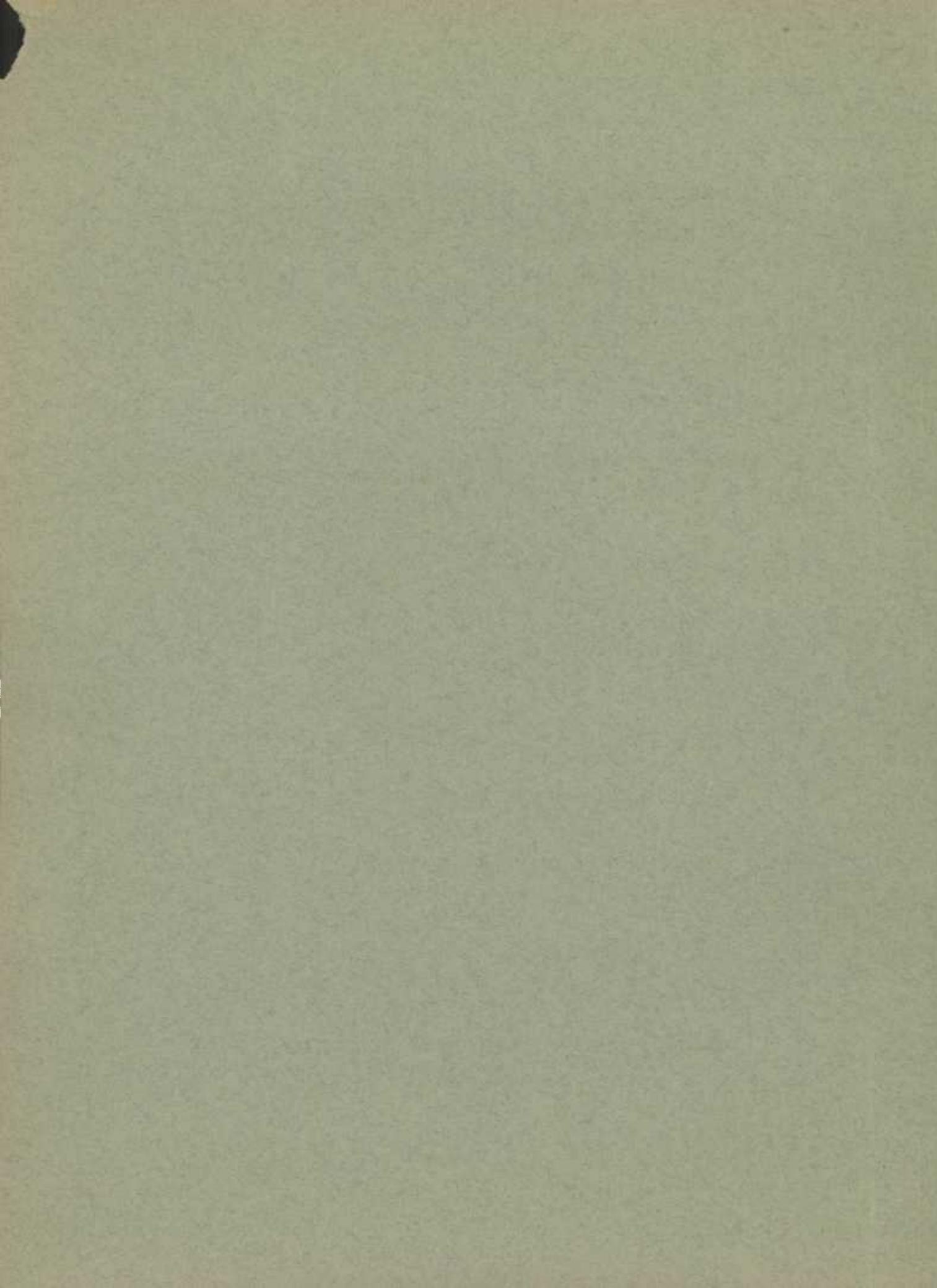
CANADA

1934

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OTTAWA  
1935



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

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Acting Chief, General Manufactures Division: A. Cohen, B.Com.

THE RUBBER INDUSTRY IN CANADA, 1934.

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. In 1930, Canada was the fifth largest importer of raw rubber in the world, ranking after the United States, the United Kingdom, France and Germany. In 1934, however, Japan and Russia were also ahead of Canada in the imports of raw rubber.

Establishments manufacturing rubber tires, rubber footwear and other rubber goods numbered fifty one in 1934, thirty eight plants being located in Ontario, eleven in Quebec and two in British Columbia. These plants represented an investment of \$40,350,319 in land, buildings, machinery and equipment and \$25,697,152 in working capital, or a total capital investment of \$66,047,471. They furnished employment to 11,079 persons who received \$10,858,637 in salaries and wages and produced goods valued at \$55,230,381 from materials costing \$18,439,498, leaving the value added by manufacture at \$36,790,883. This industry is practically confined to the provinces of Ontario and Quebec. The plants in Ontario employed almost 85 per cent of the capital, 75 per cent of the persons engaged in the industry and produced over 80 per cent of the entire output. The rubber industry also forms an adjunct of considerable importance to the cotton yarn and cloth industry which supplied it with tire fabrics. Besides supplying the domestic market, the industry contributes materially to the export trade of Canada. As may be seen from table 19, the products of this industry find their way to the remotest parts of the world. Norway, Uruguay, Dutch East Indies, Belgian Congo and China are but a few of the far-flung countries into which Canadian tires find their way.

Production in 1934 was considerably higher than that of the previous year. There was an increase in both the volume and value of tires and inner tubes produced, the value rising from \$17,991,057 in 1933 to \$27,144,824 in 1934. The output of footwear was also higher. The volume increased from 13,716,041 pairs in 1933 to 15,988,812 pairs in 1934 while the value increased from \$14,814,062 to \$17,231,906. For the rubber industry as a whole there was an increase of \$13,718,825 in the value of production. There was, also, an increase of 1,321 in the number of persons employed, \$1,948,513 in the amount paid in salaries and wages and \$8,194,007 in the value added by manufacture.

Of the three main classes of products manufactured in this industry in 1934, rubber tires and tubes accounted for \$27,144,824 or over 49 per cent of the total, rubber footwear for \$17,231,906 or over 31 per cent and other rubber goods for the balance of \$10,853,651 or almost 20 per cent. Compared with the previous year the output of rubber tires and tubes increased in value by \$9,153,767 or over 50 per cent, rubber footwear increased by \$2,417,844 or over 16 per cent and rubber goods increased by \$2,147,214 or almost 25 per cent.

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

THE RUBBER INDUSTRY IN CANADA, 1934.

Table 1(a). - Principal Statistics, by Years, 1920-1934.

Year	Estab-	Capital Invested	Total	Total	Cost of	Value of
	lish- ments		Em- ployees	Salaries and Wages	Materials Used	Products Made
	No.	\$	No.	\$	\$	\$
1920 .....	35	58,370,039	15,238	16,199,930	41,838,200	80,717,308
1921 .....	35	54,237,618	9,798	9,759,366	16,857,124	39,469,786
1922 .....	34	50,154,503	10,122	10,326,918	19,196,945	45,933,068
1923 .....	40	56,061,625	11,646	12,329,117	26,335,306	56,512,947
1924 .....	38	56,160,930	10,778	11,413,632	24,519,236	57,411,446
1925 .....	40	65,562,734	12,963	14,143,165	38,389,352	78,229,574
1926 .....	39	62,661,702	13,587	14,708,023	49,902,189	86,508,137
1927 .....	44	66,266,064	15,065	16,621,543	44,724,502	91,413,730
1928 .....	45	70,459,066	17,095	18,943,730	45,118,570	97,208,713
1929 .....	44	73,877,478	17,796	20,134,501	42,940,747	96,934,660
1930 .....	47	69,164,512	15,163	15,895,479	28,821,759	73,752,673
1931 .....	48	67,446,955	12,158	11,708,387	17,630,081	52,691,230
1932 .....	47	65,794,903	10,325	9,340,911	11,906,696	40,746,910
1933 .....	45	65,314,472	9,758	8,910,124	12,914,630	41,511,556
1934 .....	51	66,047,471	11,079	10,358,637	18,439,498	55,230,381

Table 1(b). - Principal Statistics, by Provinces, 1934.

		CANADA	Ontario	Quebec and British Columbia
Establishments reporting .....	No.	51	38	13
Capital invested .....	\$	66,047,471	55,973,709	10,073,762
Employees on salaries -				
Male .....	No.	1,267	993	274
Female .....	No.	394	307	87
Total salaries .....	\$	2,884,461	2,322,166	562,295
Employees on wages -				
Male .....	No.	6,661	5,129	1,532
Female .....	No.	2,757	1,837	920
Total wages .....	\$	7,974,176	6,275,301	1,691,784
Power equipment -				
Units .....	No.	3,126	2,634	492
Horse-power capacity .....	H.P.	63,881	48,447	15,434
Cost of fuel and electricity ...	\$	1,192,427	976,687	215,740
Cost of materials used .....	\$	18,439,498	15,334,102	3,105,396
Gross value of products .....	\$	55,230,381	44,937,204	10,293,177
Value added by manufacture .....	\$	36,790,883	29,603,102	7,187,781

THE RUBBER INDUSTRY IN CANADA, 1934.

PRODUCTION

Tire Production

A comparative summary of tire production from 1920-1934 is presented in the following table.

Table 2. - Tire Production Compared from 1920-1934.

Year	Pneumatic Tires				Solid Tires	
	Casings		Inner Tubes		Number	Selling Value
	Number	Selling Value	Number	Selling Value		
		\$		\$		\$
1920 .....	1,577,146	35,330,357	1,440,220	4,290,310	21,444	729,857
1921 .....	362,356	15,562,729	995,446	2,044,975	9,472	343,171
1922 .....	1,505,478	19,670,678	1,520,724	2,633,616	15,572	476,735
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 .....	3,394,385	31,270,207	3,397,779	4,918,548	502,064 lbs.	168,489x
1931 .....	2,575,156	22,647,068	2,291,298	3,192,993	406,140 lbs.	96,769x
1932 .....	1,728,026	13,903,842	1,519,823	1,742,020	384,286 lbs.	101,611x
1933 .....	1,398,416	15,752,116	1,721,913	1,943,339	545,494 lbs.	82,083x
1934 .....	2,611,222	23,750,847	2,349,217	3,057,306	742,210 lbs.	99,256x

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

x Includes "solid carriage and automobile tires" and "all other rubber tires" (including baby cab tires and tubing).

The production of automobile tires (casings and tubes) according to size is presented in tables 4 and 5 for the year 1934. The total selling value of all casings and tubes produced during the year was \$27,144,824. The value of production which in 1933 amounted to \$17,991,057 increased by \$9,153,767 or over 50 per cent during the year under review.

Table 4. - Production of (a) High Pressure, (b) Balloon Tires and (c) Other Tires, 1934.  
(a) High Pressure Tires (Casings)

Sizes	Quantity	Selling Value at Factory	Sizes	Selling Value	
				Number	\$
30 x 3 $\frac{1}{2}$ ....	131,440	501,990	32 x 6 $\frac{1}{2}$ .....	(x)	(x)
31 x 4 ....	6,001	39,833	32 x 7 .....	(x)	(x)
32 x 4 ....	6,71	46,524	34 x 7 .....	22,477	669,432
33 x 4 ....	3,16	22,999	38 x 7 .....	1,814	57,388
32 x 4 $\frac{1}{2}$ ....	2,150	25,441	36 x 8 .....	5,186	239,255
33 x 4 $\frac{1}{2}$ ....	2,164	24,786	40 x 8 .....	2,303	105,166
34 x 4 $\frac{1}{2}$ ....	217	3,170	38 x 9 .....	455	21,811
30 x 5 ....	103,621	1,345,295	42 x 9 .....	(x)	(x)
33 x 5 ....	1,534	23,437	Motorcycle sizes .....	(x)	(x)
34 x 5 ....	744	12,987	Metric sizes .....	(x)	(x)
35 x 5 ....	(x)	(x)	Miscellaneous sizes ...	14,062	225,049
32 x 6 ....	170,108	3,497,162	TOTAL .....	477,585	6,950,984
36 x 6 ....	3,292	89,259			

(x) These sizes included under "Miscellaneous sizes".

## THE RUBBER INDUSTRY IN CANADA, 1934.

Table 4. - Production of (a) High Pressure, (b) Balloon Tires and (c) Other Tires, 1934. - (Concl'd.)

Sizes	(b) Balloon Tires (Casings)			Quantity	Value at Factory	\$
	Quantity	Selling Value at Factory	Sizes			
3.50-19 .....	2,770	9,933	6.25-16 .....	52,266	445,278	
3.75-18 & 4.75-18 ..	3,059	15,554	6.50-16 .....	76,951	823,418	
4.00-19 .....	2,328	8,075	6.50-17 .....	3,832	45,330	
4.40-19 & 4.50-19 ..	2,445	11,291	6.50-18 .....	3,608	41,441	
4.40-21 .....	110,659	527,617	6.50-19 .....	13,058	165,058	
4.40-23 .....	2,142	20,507	6.50-20 .....	29,995	397,087	
4.50-20 .....	59,870	316,443	7.00-15 .....	2,366	22,391	
4.50-21 .....	231,811	1,239,114	7.00-16 .....	32,352	354,544	
4.50-23 .....	11,033	80,513	7.00-17 .....	4,277	59,363	
4.75-19 .....	190,462	1,171,459	7.00-18 .....	4,068	53,243	
4.75-20 .....	50,918	310,905	7.00-19 .....	1,869	26,431	
4.75-21 .....	1,012	7,278	7.00-20 .....	18,722	302,605	
5.00-19 .....	137,390	936,974	7.00-21 .....	1,944	25,968	
5.00-20 .....	88,462	596,993	7.50-14 & 7.50-15.	7,034	92,360	
5.00-21 .....	7,465	54,566	7.50-16 .....	10,029	123,685	
5.00-22 .....	2,930	24,716	7.50-17 .....	1,391	22,457	
5.00-23 .....	1,990	16,590	7.50-18 .....	312	4,890	
5.00-24 .....	2,767	22,219	7.50-20 .....	12,735	307,940	
5.25-17 .....	72,805	449,565	8.25-20 .....	5,716	200,758	
5.25-18 .....	88,004	658,544	8.25-22 .....	646	23,576	
5.25-19 .....	15,604	125,548	9.00-20 .....	3,931	177,734	
5.25-20 .....	17,588	135,982	9.00-22 .....	554	22,817	
5.25-21 .....	32,478	263,835	9.75-20 .....	2,173	118,526	
5.50-17 .....	354,143	2,722,061	9.75-22 .....	290	21,774	
5.50-18 .....	32,224	287,587	8.25-18 .....	(	(	
5.50-19 .....	51,811	461,579	9.00-18 .....	(2,377	(67,196	
5.50-20 .....	9,253	83,855	10.50-20 .....	(	(	
6.00-16 .....	118,441	881,075	10.50-22 .....	(	(	
6.00-17 .....	25,644	224,138	10.50-24 .....	( 443	(21,403	
6.00-18 .....	14,753	150,318	11.25-24 .....	(	(	
6.00-19 .....	13,843	147,106	Metric sizes .....	11,480	118,578	
6.00-20 .....	49,859	550,391	Miscellaneous sizes/	7,264	26,267	
6.00-21 .....	13,479	150,130				
6.00-22 .....	962	9,545	TOTAL .....	2,133,637	16,799,863	
6.00-23 .....	1,550	15,759				

"Miscellaneous Sizes" includes 5.00-17, 5.00-25, 6.00-24, 6.50-21, 7.50-19 and motorcycle sizes not specified above.

Kind	(c) Other Tires		
	Unit of Measure	Quantity	Selling Value at Factory
Bicycle tires (casings and inner tubes) .....	Number	493,450	237,415
All other rubber tires .....	Pound	742,210	99,256
Total Selling Value of Other Tires .....			336,671

THE RUBBER INDUSTRY IN CANADA, 1934.  
Production Statistics - (Cont'd.)

Table 5. - Production of Tubes, by Sizes, Quantity and Value, 1934.

Sizes	Inner Tubes			Inner Tubes		
	Quantity	Selling Value	Sizes	Quantity	Selling Value	
	Number	\$		Number	\$	
Group A-19 .....	1,193	1,188	32 x 6 .....	132,673	326,394	
Group A-20 .....	110,708	97,058	36 x 6 .....	2,237	5,985	
Group A-21 .....	363,134	350,103	32 x 6½ .....	(x)	(x)	
Group B-17 .....	105,556	117,518	7.00-15 .....	2,911	4,603	
Group B-18 .....	88,717	100,425	32 x 7 .....	(x)	(x)	
Group B-19 .....	243,999	262,731	34 x 7 .....	17,437	58,368	
Group B-20 .....	88,498	102,717	38 x 7 .....	1,119	4,234	
Group B-21 .....	31,400	40,413	7.50-15 .....	3,371	8,780	
Group C-16 .....	159,079	178,485	7.50-16 .....	9,768	14,121	
Group C-17 .....	371,320	503,724	7.50-17 .....	780	1,563	
Group C-18 .....	32,871	48,301	7.50-18 .....	311	590	
Group C-19 .....	36,084	56,988	7.50-19 .....	(x)	(x)	
Group C-20 .....	53,894	96,997	7.50-20 .....	8,232	25,378	
Group C-22 .....	740	1,208	36 x 8 .....	3,508	16,817	
Group D-16 .....	106,287	142,998	40 x 3 .....	1,447	7,426	
Group D-17 .....	7,097	12,667	8.25-18 .....	(x)	(x)	
Group D-18 .....	6,381	12,087	8.25-20 .....	4,546	17,752	
Group D-19 .....	18,798	33,458	8.25-22 .....	420	1,732	
Group D-20 .....	35,935	73,498	9.00-20 .....	3,982	17,863	
Group E-24 .....	16,826	21,371	9.00-22 .....	297	1,452	
Group F-24 .....	4,608	6,889	38 x 9 .....	406	1,797	
Group G-24 .....	2,622	4,725	9.75-20 .....	1,893	9,582	
Group J-45 .....	(	(	9.75-22 .....	400	2,114	
Group M-120 .....	(2,939	(3,364	10.50-20 .....	(x)	(x)	
Group M-140 .....	(	(	10.50-24 .....	(x)	(x)	
30 x 3½ .....	153,954	105,579	Motorcycle sizes ..	16,722	13,556	
3.75-18 .....	(x)	(x)	Metric sizes .....	(x)	(x)	
30 x 5 .....	78,301	119,314	Miscellaneous sizes	15,316	43,393	
7.50-14 .....	(x)	(x)				
Total Quantity and Selling Value of all Tubes						2,349,217    3,057,306

(x) Included under "Miscellaneous sizes".

Table 6. - Summary of Tire Production, 1933 and 1934.

Kind	Unit of Measure	1933		1934	
		Quantity	Selling Value at the Works	Quantity	Selling Value at the Works
		\$	\$		\$
High-pressure tires - casings ..	No.	352,357	4,741,561	477,585	6,950,984
Balloon tires - casings .....	"	1,546,059	11,010,555	2,133,637	16,799,863
Other rubber tires .....	Lb.	545,494	82,083	742,210	99,256
Balloon and high-pressure inner tubes .....	No.	1,721,913	1,943,359	2,349,217	3,057,306
Bicycle tires - casings and inner tubes .....	"	451,654	213,519	493,450	237,415
Total Selling Value of Casings and Tubes .....		-	17,991,057	-	27,144,824

THE RUBBER INDUSTRY IN CANADA, 1934.

Production Statistics - (Cont'd.)

Footwear Production

In the rubber industry in 1934 there were nine firms (six in Ontario and three in Quebec) manufacturing rubber footwear. The output of these nine plants was 15,983,812 pairs with a selling value at the factory of \$17,231,906. There were six plants whose output was almost entirely rubber footwear. These six plants produced 11,123,166 pairs of rubber footwear valued at \$12,389,336 and other rubber products to the value of \$35,971. They had a capital investment of \$7,480,221, employed 3,412 persons who received \$2,534,187 in salaries and wages and they spent \$3,285,784 for materials used in manufacturing. The other three plants produced 4,860,646 pairs of rubber footwear valued at \$4,842,570 and other rubber goods to the value of \$5,447,818.

The production of rubber footwear is shown by classes, sizes, quantity and selling value at the factory in table 7 for the year 1934. Compared with 1933 there was an increase of 2,272,771 in the number of pairs of all classes manufactured and an increase of \$2,417,844 in the value of production.

Table 7. - Rubber Footwear Production by Classes and Sizes, 1934.

Rubber Footwear (kind and size)	Rubber Boots, Knee and Hip		Lumbermen's Rubber Boots		Overshoes, not including Jersey Storms	
	Quantity	Value	Quantity	Value	Quantity	Value
	Pairs	\$	Pairs	\$	Pairs	\$
Men's 6 to 12 .....	662,529	1,700,954	837,451	1,770,789	527,265	947,474
Boys' 1 to 5 .....	65,314	108,747	199,128	292,686	63,626	91,678
Youths' 11 to 13 ....	13,003	13,055	92,920	118,393	12,016	15,990
Women's 2½ to 10 ....	479,111	714,285	39,847	56,268	1,414,103	2,641,324
Misses' 11 to 2 ....	304,692	343,129	40,643	51,053	220,580	304,338
Children's 4 to 10½ .	224,112	220,454	83,046	86,067	108,755	134,088
Totals .....	1,748,761	3,100,624	1,293,035	2,375,256	2,346,345	4,134,892

Rubber Footwear (kind and size)	Light Rubbers, Jersey Storms and Bathing Shoes		Canvas rubber-soled footwear, Balmorals		Canvas rubber-soled footwear, Oxfords	
	Quantity	Value	Quantity	Value	Quantity	Value
	Pairs	\$	Pairs	\$	Pairs	\$
Men's 6 to 12 .....	1,932,666	1,434,020	539,720	548,898	798,776	671,924
Boys' 1 to 5 .....	428,606	283,027	482,964	406,892	282,644	204,110
Youths' 11 to 13 ....	126,993	69,594	161,074	118,226	120,273	75,710
Women's 2½ to 10 ....	1,295,937	778,045	18,361	20,976	2,257,139	1,873,618
Misses' 11 to 2 ....	329,352	166,674	128	161	742,068	420,850
Children's 4 to 10½ .	353,881	171,212	38,438	26,822	691,651	350,375
Totals .....	4,467,435	2,902,572	1,240,685	1,121,975	4,892,551	3,596,587

THE RUBBER INDUSTRY IN CANADA, 1934.

Production Statistics - (Cont'd.)

Footwear Production - (Concl'd.)

A comparison of rubber footwear production by classes, number of pairs and selling value is given in the summary table following for the years 1933 and 1934.

Table 8. - Comparative Summary of Rubber Footwear by Classes.

Classes of Footwear	1933		1934	
	Quantity	Value	Quantity	Value
	Pairs	\$	Pairs	\$
Rubber boots, knee and hip .....	1,990,799	3,528,106	1,748,761	3,100,624
Rubber boots, lumbermen's .....	1,184,536	2,014,817	1,293,035	2,375,256
Overshoes, not including Jersey				
Storms .....	1,853,304	3,156,583	2,346,345	4,134,892
Light rubbers, including Jersey				
Storms and bathing shoes .....	4,077,477	2,602,078	4,467,435	2,902,572
Canvas rubber-soled footwear,				
Balmorals .....	1,012,156	890,920	1,240,685	1,121,975
Canvas rubber-soled footwear, Oxfords	3,597,769	2,621,562	4,892,551	3,596,587
TOTAL FOOTWEAR .....	13,716,041	14,814,062	15,988,812	17,231,906

Other Rubber Goods

The production of rubber goods other than tires and footwear is given in table 9 for the year 1934. There was an increase in the total value of production as compared with 1933 amounting to \$2,147,214.

Table 9. - Other Products of the Rubber Goods Industry, 1934.

Articles Manufactured	Unit of Measure	1934	
		Quantity	Selling Value at the Works
		\$	
Rubber clothing (coats, capes, headwear, etc.) .....	No.	207,700	322,250
Rubberized or waterproofed fabrics and artificial leather .....	Lb.	1,152,765	574,973
Rubber and composition soles .....	Pairs	3,130,551	506,742
Rubber and composition half-soles .....	"	661,729	95,490
Rubber and composition heels .....	"	16,303,795	817,949
Rubber soling and rubber slabs for heels, etc. ....	Lb.	1,041,580	209,195
Mechanical rubber goods -:			
Fan belts for automobiles .....	No.	786,541	162,498
Other rubber belts and belting .....	Lb.	3,742,769	1,386,041
Rubber hose .....	"	4,625,335	1,613,570
Rubber tubing .....	"	83,942	31,151
Rubber packing, all kinds .....	"	441,248	96,146
Rubber plumbers' supplies (including washers, gaskets, valves, plugs, bumpers, etc.) .....	-	-	85,667
Rubber and friction tape .....	Lb.	639,395	199,697

THE RUBBER INDUSTRY IN CANADA, 1934.  
Production Statistics - (Cont'd.)  
Other Rubber Goods - (Cont'd.)

Table 9. - Other Products of the Rubber Goods Industry, 1934. - (Cont'd.)

Articles Manufactured	Unit of Measure	1934	
		Quantity	Selling Value at the Works
Mechanical rubber goods - (Concl'd.) -			\$
Rubber covered rolls .....	No.	141,116	125,157
Rubber roll covering .....	Lb.	180,506	80,724
Other mechanical rubber goods .....	"	-	176,575
Rubber mats and matting (including stair treads and stair nosing) .....	Lb.	2,359,689	349,309
Rubber tiling and flooring .....	"	163,073	39,728
Repair gums and fabrics .....	"	434,564	151,020
Other unvulcanized gums .....	"	134,248	30,693
Rubber cement (for sale as such) .....	Gal.	150,841	133,785
Air and steam bags .....	No.	6,128	45,342
Tire and tube patches .....	"	3,754,777	101,023
Tube repair kits .....	"	1,077,762	114,361
Rim strips .....	"	120,574	4,946
Tire flaps .....	"	428,601	118,869
Tire flap material .....	Lb.	37,537	8,354
Battery containers and parts .....	No.	3,309,377	449,227
Druggists' and medical sundries -			
Hot water bottles .....	Doz.	33,089	164,693
Fountain syringes .....	"	2,438	16,055
Bulb syringes and bulbs .....	"	9,147	19,497
Combination attachment sets .....	"	6,206	21,768
Nipples and soothers .....	"	145,414	36,010
Ice caps and collars, etc. ....	"	1,986	12,903
Bath sprays .....	"	379	1,907
Air cushions, invalid rings, etc. ....	"	1,012	12,004
Rubber gloves, all kinds .....	"	68,796	165,987
Crib sheets, finished and blanks .....	"	25,774	44,968
Rubber sheeting (hospital, crib, etc.) ....	Yd.	111,781	61,297
All other (bandages, trusses, pads, douches, finger cots, etc.) .....	"	-	28,486
Rubber stationery goods (including erasers, rubber bands, etc.).....	Lb.	425,084	180,203
Rubber jar rings .....	"	610,641	148,360
Rubber weatherstripping .....	"	33,313	12,436
Rubber and rubberized aprons .....	Doz.	11,805	43,042
Rubber baby pants .....	"	203,222	157,983
Dress shields .....	"	36,802	53,717
Rubber sanitary goods, not elsewhere specified (including hose supporters, girdles, brassieres, belts, bloomers, sheet rubber blanks, etc.) .....	"	-	159,811
Bathing caps .....	Doz.	50,641	81,390
Rubber play balls (including bladders for footballs, etc.) .....	"	170,218	95,817
Rubber tobacco pouches .....	"	6,749	9,497

THE RUBBER INDUSTRY IN CANADA, 1934.

Production Statistics - (Concl'd.)

Other Rubber Goods - (Concl'd.)

Table 9. - Other Products of the Rubber Goods Industry, 1934. - (Concl'd.)

Articles Manufactured	Unit of Measure	1934	
		Quantity	Selling Value at the Works
Hockey pucks .....	Doz.	15,630	\$ 7,013
Rubber toys, balloons and novelties .....	"	1,106,354	101,850
Moulded rubber goods, not elsewhere specified ..	Lb.	956,719	424,746
Sponge mats, pads, etc. ....	Doz.	37,787	40,560
Soft and sponge rubber goods, not elsewhere specified .....	Lb.	417,639	132,289
Hard rubber goods, not elsewhere specified ....	"	22,479	19,255
Table covers, bridge, etc. ....	Doz.	4,144	21,352
All other products (includes reclaimed rubber, golf balls and golf ball centres, cotton aprons, children's cotton dresses, pyjamas, etc., etc.) .....	-	-	548,273
Total Value of Other Products .....	-	-	10,853,651

Table 10. - Comparative Summary of all Production in the Rubber Industry, 1932, 1933 and 1934.

	1932	1933	1934
	\$	\$	\$
Total selling value of all tires and tubes ....	15,903,439	17,991,057	27,144,824
Total selling value of all footwear .....	16,599,177	14,814,062	17,231,906
Total selling value of all other products ....	8,244,294	8,706,457	10,853,651
GRAND TOTAL OF ALL PRODUCTS .....	40,746,910	41,511,556	55,230,381

Materials Used

The quantity and the cost value at the factory of the materials used in this industry is presented in table 11. Compared with 1933 there was an increase of \$5,524,818 in the cost of materials used. Raw rubber is the principal material used, being almost 30 per cent of the total cost of materials in 1934, and almost 21 per cent in 1933. The average price of raw rubber has decreased from forty-one cents per pound in 1927 to a little more than six cents per pound in 1933, but increased again in 1934 to almost nine cents per pound.

Table 11. - Materials Used, by Quantity and Cost Value, 1933 and 1934.

Classes of Materials	Unit of Measure	1933		1934	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Rubber, raw or crude, including gutta-percha ....	Lb.	43,983,475	\$ 2,680,842	60,713,104	5,438,011
Rubber, reclaimed .....	"	7,557,369	355,647	8,484,392	429,269
Rubber, scrap .....	"	7,846,733	50,365	10,902,967	79,882
Rubber, liquid .....	Gal.	(x)	(x)	30,625	38,656
Rubber, all other .....	Lb.	211,122	74,586	246,417	94,013

THE RUBBER INDUSTRY IN CANADA, 1934.Materials Used - (Concl'd.)Table 11. - Materials Used, by Quantity and Cost Value, 1933 and 1934. - (Concl'd.)

Classes of Materials	Unit of Measure	Cost Value at Factory		Cost Value at Factory	
		Quantity	\$	Quantity	\$
Tire duck .....	Lb.	10,170,673	2,521,428	12,283,808	3,721,131
Hose and belting duck .....	"	1,699,996	434,347	2,526,762	686,609
Shoe duck .....	Yd.	826,101	325,129	1,202,722	501,351
Wool Jersey .....	"	74,402	81,835	74,221	93,151
Miscellaneous cottons, cash- merettes, velvets, etc. . .	"	9,638,919	1,537,095	10,848,334	1,868,845
Felt .....	Lb.	170,606	26,452	208,197	35,984
Leather .....	"	167,249	62,849	310,383	122,234
Carbon black .....	"	7,352,682	314,060	11,045,399	550,501
Clays and earths .....	"	2,782,737	32,361	4,782,431	54,368
Mica, ground .....	"	89,165	4,769	135,424	6,792
Solvents (gasoline, benzol, etc.) .....	Gal.	999,984	181,745	1,161,289	195,041
Sulphur .....	Lb.	1,571,725	34,894	2,245,189	48,005
Whiting .....	"	8,060,693	63,779	10,321,754	86,242
Zinc oxide .....	"	5,770,305	285,920	8,271,044	408,114
Other chemicals and mineral compounds .....	-	-	1,087,176	-	1,330,762
Hardware fittings .....	-	-	544,765	-	707,536
Shoe findings, buckles, eyelets, etc. .....	-	-	314,867	-	336,677
Containers and packaging material .....	-	-	651,220	-	787,526
All other materials .....	-	-	1,248,549	-	818,798
<b>TOTAL COST OF MATERIALS ..</b>	<b>-</b>	<b>-</b>	<b>12,914,680</b>	<b>-</b>	<b>18,439,498</b>

(x) Included under "all other materials".

Size of Establishments

The following tables present in a threefold way the size of establishments in the rubber industry, measured by (a) gross value of production, (b) capital investment and (c) the number of persons employed. The tables, when compared for a number of years further indicate the movement of capital, production and employment within the industry.

In 1934 the number of establishments reporting was fifty-one with a total capital investment of \$66,047,471, a gross value of production of \$55,230,381 and a total employment of 11,079. Fourteen establishments had a capital investment of \$60,785,571 or over 92 per cent of the total capitalization, with an average investment per factory of \$4,341,827. Fifteen establishments had a gross value of production of \$50,663,170 or over 91 per cent of the total output and an average output of \$3,377,550 per establishment. In employment sixteen establishments had 9,837 persons or over 88 per cent of the total employment with an average of 615 per establishment.

THE RUBBER INDUSTRY IN CANADA, 1934.

Table 12(a). - Gross Value of Production

Groups of Value of Production	1933			1934		
	Estab- lish- ments	Total Production	Average Production per Estab- lishment	Estab- lish- ments	Total Production	Average Production per Estab- lishment
			No.			\$
Under \$50,000 .....	11	116,856	10,623	18	208,351	11,575
\$50,000 to \$100,000 ...	9	674,001	74,889	6	474,137	79,023
\$100,000 to \$200,000 ..	2	270,484	135,242	4	588,449	147,112
\$200,000 to \$500,000 ..	7	2,140,560	305,794	6	2,042,775	340,463
\$500,000 to \$1,000,000.	2	1,527,639	763,820	2	1,253,499	626,750
\$1,000,000 to						
\$3,000,000 .....	11	22,861,415	2,078,310	8	14,921,218	1,865,152
\$3,000,000 and over ...	3	13,920,601	4,640,200	7	35,741,952	5,105,993
TOTAL AND AVERAGE ...	45	41,511,556	922,479	51	55,230,381	1,082,949

Table 12(b). - Capital Investment

Groups of Capital Investment	1933			1934		
	Estab- lish- ments	Total Capital	Average Capital per Estab- lishment	Estab- lish- ments	Total Capital	Average Capital per Estab- lishment
			No.			\$
Under \$50,000 .....	12	169,657	14,138	20	365,055	18,253
\$50,000 to \$100,000 ...	4	284,873	71,093	2	154,107	77,054
\$100,000 to \$200,000 ..	8	1,293,168	161,646	6	934,743	155,791
\$200,000 to \$500,000 ..	4	1,050,600	262,650	6	1,703,815	283,969
\$500,000 to \$1,000,000.	3	2,043,105	681,035	3	2,104,180	701,393
\$1,000,000 to						
\$5,000,000 .....	9	21,300,635	2,366,737	9	20,624,359	2,291,595
\$5,000,000 and over ...	5	39,172,934	7,834,587	5	40,161,212	8,032,242
TOTAL AND AVERAGE ...	45	65,314,472	1,451,433	51	66,047,471	1,295,048

Table 12(c). - Employment

Groups of Employees	1933			1934		
	Estab- lish- ments	Total Employees	Average Employees per Estab- lishment	Estab- lish- ments	Total Employees	Average Employees per Estab- lishment
			No.			No.
Under 20 employees .....	11	66	6	19	152	8
20 but under 50 .....	11	339	31	8	268	34
50 but under 100 .....	4	268	67	5	381	76
100 but under 200 .....	5	737	147	3	441	147
200 but under 500 .....	5	1,774	355	6	1,931	322
500 and over .....	9	6,574	730	10	7,906	791
TOTAL AND AVERAGE ...	45	9,758	217	51	11,079	217

THE RUBBER INDUSTRY IN CANADA, 1934.

Capital Investment

Table 13. - Capital Invested, Canada, 1927-1934.

	Fixed Capital		Working Capital		Total Capital
	Present Value of land, buildings, fixtures, machinery, etc.	Inventory value of materials, stocks, etc., on hand	Inventory value of finished products on hand	Cash, bills and accounts receivable, etc.	
	\$	\$	\$	\$	\$
CANADA, 1927 ...	37,513,762		15,515,959	13,236,343	66,266,064
CANADA, 1928 ...	40,032,637		15,318,481	15,107,948	70,459,066
CANADA, 1929 ...	42,774,839		18,116,126	12,986,513	73,877,478
CANADA, 1930 ...	42,985,834		13,671,705	12,506,973	69,164,512
CANADA, 1931 ...	42,547,378	4,396,826	7,032,000	13,470,751	67,446,955
CANADA, 1932 ...	41,939,533	3,599,213	5,627,183	14,628,974	65,794,903
CANADA, 1933 ...	40,936,872	4,519,508	4,739,057	15,119,035	65,314,472
CANADA, 1934 ...	40,350,319	6,751,428	6,081,483	12,864,241	66,047,471

Employment

Table 14. - Wage-earners by Months and Sex, 1933 and 1934.

Months	1933		1934		Months	1933		1934	
	Male	Female	Male	Female		Male	Female	Male	Female
	No.	No.	No.	No.		No.	No.	No.	No.
January ...	5,167	1,849	6,212	2,566	July .....	6,036	2,275	6,561	2,441
February ..	5,377	2,121	6,405	2,942	August ....	6,144	2,556	6,823	2,777
March .....	5,408	2,207	6,673	2,920	September .	6,116	2,678	6,546	2,835
April .....	5,395	2,176	6,790	2,872	October ...	6,213	2,738	6,574	2,743
May .....	5,581	2,165	7,055	2,809	November ..	6,333	2,865	6,556	2,820
June .....	5,831	2,278	7,208	2,700	December ..	6,246	2,825	6,536	2,648
Average number employed during the year..						5,822	2,395	6,661	2,757

Table 15. - Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1934 were:-

Number of Hours Worked per Week	Number of Employees	Number of Hours Worked per Week	Number of Employees
40 hours or less .....	1,954	51-53 hours .....	832
41-43 hours .....	356	54 hours .....	297
44 hours .....	390	55 hours .....	314
45-47 hours .....	1,667	56-59 hours .....	1,050
48 hours .....	1,205	60 hours .....	240
49-50 hours .....	1,915	Over 60 hours .....	652

The above table does not include overtime.

THE RUBBER INDUSTRY IN CANADA, 1934.

Power Equipment

Table 16. - Power Equipment, 1934.

Classes of Power	Number of Units	Horse-power according to manufacturers' rating
Steam engines and turbines .....	32	2,748
Hydraulic turbines or water wheels .....	7	1,365
Electric motors, operated by purchased power .....	3,087	59,768
Total power used in manufacturing .....	3,126	63,881
Electric motors, operated by power generated by the establishment .....	160	697
Total electric motors .....	3,247	60,465
Boiler installation .....	80	14,277

Fuel Consumption

Table 17. - Consumption of Fuel and Electricity, 1934.

Classes of Fuel	Unit of Measure	Quantity	Total Cost at Plant \$
Bituminous coal .....	Short ton	74,733	430,754
Anthracite coal .....	" "	105	852
Coke .....	" "	77	290
Gasoline .....	Imp. gal.	83,370	16,061
Kerosene or coal oil .....	" "	659	122
Fuel oil .....	" "	134,352	7,939
Wood .....	Cord	151	836
Gas, manufactured .....	M cu. ft.	3,136	2,410
All other fuel (includes purchased steam) .....	-	-	48,464
Total cost of fuel .....	-	-	507,728
Electricity purchased (including service charges) .....	K.W.H.	118,686,303	684,699
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	1,192,427

Imports of Rubber and Rubber Goods

Table 18 shows the value and quantity (when available) of all rubber and rubber goods entering Canada for consumption during the calendar years 1933 and 1934. During 1934 rubber and rubber goods to the value of \$9,968,323 were imported into Canada. Goods to the value of \$7,933,146 entered Canada from the United States, \$429,877 from the United Kingdom and \$1,605,300 from other countries.

Table 18. - Imports of Rubber and Rubber Goods, by Articles and Countries, for the Calendar Years 1933 and 1934.

Articles Imported	1933		1934	
	Quantity	Value	Quantity	Value
Balata, crude .....		\$		\$
Total Lb. ....	11,448	5,470	21,904	7,931
United Kingdom .....	"	558	752	91
United States .....	"	10,890	4,718	21,834

THE RUBBER INDUSTRY IN CANADA, 1934.

Imports of Rubber and Rubber Goods - (Cont'd.)

Table 18. - Imports of Rubber and Rubber Goods, by Articles and Countries, for the Calendar Years 1933 and 1934 - (Cont'd.)

Articles Imported	1933		1934	
	Quantity	Value	Quantity	Value
Rubber and Gutta Percha,		\$		\$
crude .....	Total Lb.	43,288,679	2,745,726	63,717,382
United Kingdom .....	"	54,713	10,868	71,686
United States .....	"	42,844,028	2,702,370	54,869,565
Straits Settlements .....	"	182,347	12,925	8,242,140
Ceylon .....	"	-	-	92,400
Dutch East Indies .....	"	134,460	7,786	201,680
Belgium .....	"	33,131	11,777	105,621
Netherlands .....	"	-	-	134,290
				16,275
Rubber, hard, in sheets, strips				
or rods .....	Total Lb.	68,312	15,726	20,340
United Kingdom .....	"	21,823	7,521	6,281
United States .....	"	44,811	7,547	14,036
Other Countries .....	"	1,678	658	23
Rubber, hard, in tubes .....	Total	-	5,843	-
United States .....	-	-	5,843	-
Rubber, powdered, and rubber				
waste .....	Total Lb.	2,349,900	38,418	2,998,700
United Kingdom .....	"	29,500	4,212	22,300
United States .....	"	2,315,300	32,998	2,976,400
Germany .....	"	4,600	1,208	-
Rubber, recovered .....	Total Lb.	5,182,200	201,828	6,665,200
United States .....	"	5,182,200	201,828	6,665,200
Rubber, substitute .....	Total Lb.	201,200	41,245	393,300
United Kingdom .....	"	146,700	30,879	235,400
United States .....	"	53,300	9,937	136,200
Other Countries .....	"	1,200	429	21,700
Rubber thread, not covered .	Total Lb.	118,483	99,767	64,955
United Kingdom .....	"	77,854	69,303	8,063
United States .....	"	30,881	21,772	56,692
Other Countries .....	"	9,753	8,692	200
Boots and shoes, rubber ....	Total Prs.	674,143	225,681	1,109,370
United Kingdom .....	"	11,084	6,036	25,102
United States .....	"	12,806	16,668	96,600
Japan .....	"	2,220	1,605	13,465
Straits Settlements .....	"	566,581	174,143	210,983
Czechoslovakia .....	"	32,195	17,618	735,440
Other Countries .....	"	49,257	9,611	27,780
				6,803

THE RUBBER INDUSTRY IN CANADA, 1934.

Imports of Rubber and Rubber Goods - (Cont'd.)

Table 18. - Imports of Rubber and Rubber Goods, by Articles and Countries for the Calendar Years 1933 and 1934. - (Cont'd.)

Articles Imported	1933		1934	
	Quantity	Value	Quantity	Value
Tires, bicycle (casings and tubes) .....		\$		\$
Total No. ....	23,899	11,416	37,579	16,010
United Kingdom .....	" 8,641	6,416	25,150	11,515
United States .....	" 569	841	341	450
France .....	" 4,083	1,804	2,635	1,197
Other Countries .....	" 10,606	2,355	9,453	2,848
Tires, pneumatic rubber tire casings, n.o.p. ....	Total No. ....	16,454	132,830	15,829
United Kingdom .....	" 1,314	14,631	3,327	42,128
United States .....	" 15,106	117,574	12,495	132,609
Other Countries .....	" 34	625	7	78
Tires, inner tubes, n.o.p....	Total No. ....	1,860	4,653	4,004
United Kingdom .....	" 427	357	1,125	1,149
United States .....	" 1,380	4,209	2,879	8,069
Other Countries .....	" 53	87	-	-
Tires, solid rubber, for automobiles and trucks .....	Total No. ....	260	8,264	443
United Kingdom .....	" 62	907	193	6,693
United States .....	" 198	7,357	250	10,764
Tires, solid rubber, n.o.p..	Total Value	-	8,256	-
United Kingdom .....	" -	4,803	-	1,695
United States .....	" -	3,453	-	3,454
Golf balls .....	Total Doz. ....	32,820	93,265	27,019
United Kingdom .....	" 32,628	93,003	26,879	77,538
United States .....	" 192	262	140	393
Heels, rubber .....	Total Prs. ....	93,786	3,659	86,249
United Kingdom .....	" 144	18	144	21
United States .....	" 90,342	3,454	72,269	4,667
Other Countries .....	" 3,300	187	13,836	1,263
Hose, rubber and rubber-lined .....	Total Value	-	46,297	-
United Kingdom .....	" -	3,369	-	3,625
United States .....	" -	42,506	-	64,297
Other Countries .....	" -	422	-	694

THE RUBBER INDUSTRY IN CANADA, 1934.

Imports of Rubber and Rubber Goods - (Cont'd.)

Table 18. - Imports of Rubber and Rubber Goods, by Articles and Countries,  
for the Calendar Years 1933 and 1934. - (Cont'd.)

Articles Imported	1933		1934	
	Quantity	Value	Quantity	Value
Belting, rubber .....		\$		\$
Total (Value only)	-	43,425	-	65,625
United Kingdom .....	-	11,414	-	20,124
United States .....	-	32,011	-	45,453
Other Countries .....	-	-	-	48
Cement, rubber .....				
Total (Value only)	-	66,128	-	84,882
United Kingdom .....	-	312	-	275
United States .....	-	65,497	-	84,412
Other Countries .....	-	319	-	195
Clothing, rubber or water- proofed, n.o.p. ....				
Total (Value only)	-	10,620	-	20,462
United Kingdom .....	-	2,913	-	5,289
United States .....	-	7,133	-	10,074
Other Countries .....	-	574	-	5,099
Gloves, rubber .....				
Total Doz. pair	-	7,124	3,643	8,600
United Kingdom .....	" "	296	72	496
United States .....	" "	6,592	3,556	8,087
Other Countries .....	" "	236	15	17
Hot water bottles, rubber. Total (Value only)	-	17,660	-	18,614
United Kingdom .....	-	2,486	-	3,376
United States .....	-	11,259	-	15,188
Other Countries .....	-	3,915	-	50
Mats and matting, rubber.. Total (Value only)	-	39,119	-	68,106
United Kingdom .....	-	4,011	-	2,539
United States .....	-	33,719	-	65,124
Other Countries .....	-	1,389	-	443
Packing, rubber .....				
Total (Value only)	-	40,711	-	51,691
United Kingdom .....	-	8,816	-	8,066
United States .....	-	31,824	-	43,317
Other Countries .....	-	71	-	308
Raincoats, rubber or water- proofed .....				
Total Number	12,046	36,136	12,566	36,764
United Kingdom .....	"	11,751	34,994	11,878
United States .....	"	268	1,077	655
Other Countries .....	"	27	65	33
				192

THE RUBBER INDUSTRY IN CANADA, 1934.

Imports of Rubber and Rubber Goods - (Concl'd.)

Table 18. - Imports of Rubber and Rubber Goods, by Articles and Countries, for the Calendar Years 1933 and 1934 - (Concl'd.)

Articles Imported	1933		1934	
	Quantity	Value	Quantity	Value
		\$		\$
Manufactures of India rubber and				
gutta-percha, n.o.p. .... Total Value		600,445		711,597
United Kingdom .....		107,248		108,163
United States .....		418,838		541,572
Germany .....		32,544		22,786
Japan .....		6,548		5,292
Straits Settlements .....		21,349		22,957
Other Countries .....		13,918		10,827

SUMMARY OF IMPORTS OF RUBBER AND RUBBER GOODS, BY COUNTRIES, 1930-1934.

	1934 \$	1933 \$	1932 \$	1931 \$	1930 \$
United Kingdom .....	429,877	425,565	469,965	521,135	537,059
United States .....	7,933,146	3,791,287	3,308,697	6,428,238	12,014,150
Ceylon .....	18,000	3,540	11,144	28,690	4,764
France .....	3,201	4,054	4,327	13,071	26,251
Germany .....	25,231	42,997	39,733	61,012	81,651
Norway .....	303	173	168	1,057	11,620
Straits Settlements .....	1,142,867	208,553	31,587	41,566	117,962
Dutch East Indies .....	17,858	7,786	13,965	36,027	18,779
Japan .....	11,307	8,337	9,830	30,289	3,625
Czechoslovakia .....	295,436	21,588	26,919	20,038	8,227
Belgium .....	47,873	12,612	9,768	1,780	4,484
Italy .....	171	8,766	7,704	364	760
Australia .....	6,526	3,671	6,638	2,244	876
Austria .....	7,089	4,883	2,209	4,513	6,659
Newfoundland .....	4,288	3,545	27	-	-
Netherlands .....	16,790	159	1,846	)	
Other Countries .....	8,360	625	4,131	3,998)	5,585

TOTAL VALUE OF IMPORTS OF  
RUBBER AND RUBBER GOODS .. 9,968,325 4,549,712 3,948,658 7,194,022 12,842,452

THE RUBBER INDUSTRY

Exports of Rubber

The quantity and value of rubber goods, the produce of Canada, exported to of rubber and rubber goods exported during the calendar year 1934 amounted to 1931 to \$13,462,168 and in 1930 to \$25,242,539. The principal articles exported in \$1,579,008 and boots and shoes of rubber \$1,989,550. The destination of Canadian went to the United Kingdom, \$1,404,830 to British South Africa, \$1,169,879 to New cent of all exports went to the British Empire.

Table 19. - Exports of Canadian Produce by

Principal Countries to which Exported	Heels of Rubber		Soles of Rubber		Waste Rubber	
	Quantity	Value	Quantity	Value	Quantity	Value
	Pairs	\$	Pairs	\$	Cwt.	\$
United Kingdom .....	2,752,970	129,070	1,735,222	222,791	-	-
Australia .....	15,622	325	-	-	-	-
British India .....	-	-	-	-	-	-
British East Africa .....	-	-	288	65	-	-
British South Africa .....	34,388	1,702	10,048	1,490	-	-
British West Indies .....	65,660	3,734	1,611	290	-	-
Newfoundland .....	5,100	252	274	52	-	-
New Zealand .....	379,034	20,332	139,351	19,393	-	-
Straits Settlements .....	5,316	206	275	36	-	-
Other British Possessions.	15,508	1,068	3,021	541	-	-
TOTAL BRITISH EMPIRE ..	3,273,598	156,689	1,890,090	244,658	-	-
Argentina .....	-	-	54	18	-	-
Belgium .....	2,608	158	288	43	-	-
Brazil .....	48	3	48	7	-	-
Chile .....	-	-	-	-	-	-
China .....	3,048	191	1,226	192	1,341	1,384
Colombia .....	-	-	-	-	-	-
Denmark .....	9,648	263	-	-	-	-
Dutch East Indies .....	-	-	-	-	-	-
France .....	-	-	-	-	649	1,635
Germany .....	-	-	-	-	313	2,190
Italy .....	1,126	101	1,320	207	-	-
Netherlands .....	59,650	2,997	-	-	-	-
Norway .....	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-
Spain .....	1,328	76	-	-	202	303
Sweden .....	-	-	-	-	-	-
Switzerland .....	-	-	-	-	-	-
United States .....	-	-	-	-	85,787	60,107
Uruguay .....	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-
Other Countries .....	22,008	783	2,003	354	352	793
TOTAL FOREIGN COUNTRIES.	99,464	4,572	4,939	821	88,644	66,412
GRAND TOTAL OF EXPORTS ...	3,373,062	161,261	1,895,029	245,479	88,644	66,412

IN CANADA, 1934.

and Rubber Goods

other countries is shown in table 19, by classes and countries. The total value \$11,990,151. In 1933 they amounted to \$7,644,436, in 1932 to \$6,672,048, in 1934 were pneumatic tires (casings) \$6,065,865, canvas shoes with rubber soles exports by countries shows that of this total, goods to the value of \$3,203,804 Zealand, \$568,269 to the Argentine Republic and \$432,786 to Brazil. Over 61 per

Classes and Countries, for the Calendar Year 1934.

Belting of Rubber	Hose of Rubber	Canvas Shoes with Rubber Soles	Boots and Shoes of Rubber, n.o.p.	Clothing, rubber and waterproofed			
Quantity	Value	Value Only	Quantity	Value	Quantity	Value	Value Only
Lb.	\$	\$	Pairs	\$	Pairs	\$	\$
196,592	53,864	35,561	1,891,555	953,659	1,406,130	1,281,553	80,841
6,092	2,271	1,745	860	689	213	330	55
52,671	13,927	7,256	2,057	1,153	-	-	-
3,149	1,667	81	75	50	-	-	-
229,683	48,349	12,143	67,304	40,642	23,696	29,625	304
9,907	3,532	8,318	157,260	69,648	3,105	1,744	148
44,510	17,823	6,410	696	499	276,018	297,304	21,643
105,771	35,664	28,672	137,450	70,943	149,258	191,891	5,127
82,554	19,744	3,887	-	-	-	-	-
36,743	12,549	6,071	46,159	23,447	4,576	3,739	1,235
767,672	209,390	110,144	2,303,416	1,160,730	1,862,996	1,806,686	109,353
292,502	69,441	4,428	661,011	391,398	52,905	44,483	790
1,824	610	856	887	601	3,800	7,010	264
108,677	27,788	7,520	762	358	5,884	2,867	19
104,654	26,042	379	5,457	2,859	25,221	12,463	641
30,435	6,816	886	2,275	1,233	341	459	31
11,653	6,097	6,823	-	-	-	-	-
28,932	7,005	1,315	655	425	5,949	6,259	3,473
24,956	6,031	2,622	350	135	-	-	75
24	8	344	3,003	2,053	1,702	3,329	218
-	-	-	-	-	72	157	-
22,776	9,143	44	242	208	6,497	10,654	52
57,603	13,719	1,360	-	-	11,896	20,956	16
4,744	1,184	1,684	3,249	1,738	12,917	12,716	3,624
480	268	3,561	-	-	21	38	-
6,393	1,681	422	25	32	9,652	4,918	-
62,419	14,953	3,218	-	-	8	7	50
274	81	281	5,452	3,352	16,642	11,251	116
1,228	482	5,481	128	126	8,388	17,084	7,508
1,507	925	-	14,574	8,659	13,872	8,269	57
118	55	12,944	-	-	-	-	-
125,645	44,256	12,351	9,240	5,111	16,172	19,944	4,442
886,844	236,585	66,519	707,310	418,278	191,939	182,864	21,376
1,654,516	445,975	176,663	3,010,726	1,579,008	2,054,935	1,989,550	130,729

THE RUBBER INDUSTRY

Exports of Rubber and

Table 19. - Exports of Canadian Produce by Classes and

Principal Countries to which Exported	Pneumatic Tires for Vehicles, n.o.o.p.			
	Casings		Inner Tubes	
	Quantity	Value	Quantity	Value
	No.	\$	No.	\$
United Kingdom .....	2,345	31,021	1,330	2,644
Australia .....	1	5	6	18
British India .....	34,402	241,332	9,327	8,182
British East Africa .....	7,576	105,938	6,580	10,957
British South Africa .....	197,335	1,115,584	185,318	122,258
British West Indies .....	24,731	200,155	21,178	17,956
Newfoundland .....	1,375	10,065	1,246	1,175
New Zealand .....	111,271	696,557	58,162	47,880
Straits Settlements .....	49,153	344,655	10,815	8,733
Other British Possessions .....	14,278	112,317	11,986	9,810
TOTAL BRITISH EMPIRE .....	442,467	2,857,629	305,948	229,613
Argentina .....	5,985	35,500	2,727	1,931
Belgium .....	17,552	153,706	7,444	7,656
Brazil .....	51,561	402,774	41,769	34,693
Chile .....	9,677	82,960	8,315	7,868
China .....	16,880	172,543	10,762	10,752
Colombia .....	13,579	154,231	15,677	17,967
Denmark .....	15,812	120,079	14,180	10,924
Dutch East Indies .....	23,528	144,186	28,287	21,038
France .....	7,919	47,030	503	400
Germany .....	-	-	-	-
Italy .....	13,144	132,500	8,074	7,122
Netherlands .....	51,667	380,043	16,390	13,183
Norway .....	11,781	77,630	3,560	2,583
Peru .....	7,038	49,829	6,309	5,367
Spain .....	5,808	71,836	3,451	7,399
Sweden .....	26,474	207,026	18,150	22,074
Switzerland .....	12,774	89,520	958	777
United States .....	869	5,676	171	244
Uruguay .....	6,900	41,669	3,494	3,032
Venezuela .....	11,862	134,298	8,676	10,928
Other Countries .....	66,359	705,200	50,472	56,212
TOTAL FOREIGN COUNTRIES .....	377,169	3,208,236	249,369	242,155
GRAND TOTAL OF EXPORTS .....	819,636	6,065,865	555,317	471,768

IN CANADA, 1934.

Rubber Goods - (Concl'd.)

Countries for the Calendar Year 1934. - (Concl'd.)

Solid Rubber Tires		Bicycle Tires (Casings and Tubes)		All Other Manufactures of India-Rubber	Total Value of Exports by Countries
Quantity	Value	Quantity	Value	Value	Value
No.	\$	No.	\$	\$	\$
-	-	-	-	412,800	3,203,804
-	-	-	-	3,909	14,347
-	-	-	-	15,688	287,538
-	-	-	-	798	119,556
-	-	-	-	32,733	1,404,830
-	-	-	-	6,958	312,483
2	127	-	-	2,221	358,071
-	-	-	-	53,420	1,169,879
-	-	-	-	4,800	382,061
-	-	-	-	6,019	176,796
2	127	-	-	544,346	7,429,365
-	-	-	-	20,280	568,269
-	-	-	-	2,910	173,814
-	-	-	-	6,752	482,786
-	-	-	-	447	133,659
-	-	-	-	2,088	196,575
-	125	73	-	4,104	189,295
-	-	-	-	2,950	152,693
-	-	-	-	8,705	182,792
-	-	-	-	6,816	61,833
-	-	-	-	165	2,512
-	-	-	-	2,000	162,031
-	-	-	-	7,106	439,380
-	-	-	-	4,822	105,981
-	-	-	-	2,655	61,718
-	-	-	-	3,433	90,090
-	-	-	-	5,832	253,160
-	-	-	-	1,257	106,635
-	24	11	-	8,203	104,922
-	-	-	-	1,967	64,578
-	-	-	-	721	158,946
-	-	-	-	19,671	869,117
-	-	149	84	112,884	4,560,786
2	127	149	84	657,230	11,990,151

THE RUBBER INDUSTRY IN CANADA, 1934.

List of Manufacturers of Rubber Goods Reporting in 1934.

Firms Manufacturing Rubber Footwear Only

Acton Rubber Company Limited,	Acton Vale, Quebec.
Dominion Rubber Company Limited,	St. Jerome, Quebec.
The Northern Rubber Company Limited,	Guelph, Ontario.
Dominion Rubber Company Limited,	Kitchener, Ontario.
The Woodstock Rubber Company Limited,	Woodstock, Ontario.

Firms Manufacturing Rubber Footwear and Other Rubber Goods

The Miner Rubber Company Limited,	Granby, Quebec.
Kaufman Rubber Company (Ontario) Limited,	Kitchener, Ontario.

Firms Manufacturing Rubber Footwear, Tires and Other Rubber Goods

Canadian Goodrich Company Limited,	Kitchener, Ontario.
Gutta Percha and Rubber Limited,	O'Hara Avenue, Toronto, Ontario.

Firms Manufacturing Rubber Tires (Casings and Tubes) and Other Rubber Goods

Perfection Rubber Company Limited,	78 Broadway, Lachine, Quebec.
Dominion Rubber Company Limited,	Kitchener, Ontario.
Dunlop Tire & Rubber Goods Company Limited,	870 Queen Street E., Toronto, Ontario.
Firestone Tire & Rubber Company of Canada, Limited,	Beach Road, Hamilton, Ontario.
General Tire Corporation of Canada Limited,	Oakville, Ontario.
Goodyear Tire & Rubber Company of Canada, Limited,	Bowmanville, Ontario.
Goodyear Tire & Rubber Company of Canada, Limited,	New Toronto, Ontario.
Hannon Tire & Rubber Company Limited,	1379 Bloor Street W., Toronto, Ontario.
Niagara Rubber Goods Limited,	Beamsville, Ontario.
Seiberling Rubber Company of Canada Limited, (Manufacturing tires for "The General Tire & Rubber Company of Canada Limited)	99 Paton Road, Toronto, Ontario.

Firms Manufacturing Rubber Goods (Other than Footwear and Tires)

American Wringer Company of Canada Limited,	Farnham, Quebec.
Dominion Rubber Company Limited,	1665 Notre Dame St. E., Montreal, Que.
The Holtite Rubber Company of Canada Limited,	Drummondville, Quebec.
Panther Rubber Company Limited,	Sherbrooke, Quebec.
Rubber Regenerating Company of Canada Ltd., (Dominion Rubber Company Limited),	1665 Notre Dame St. E., Montreal, Que.
Stedfast Rubber Company (Canada) Limited,	400 Cowie Street, Granby, Quebec.

THE RUBBER INDUSTRY IN CANADA, 1934.

Firms Manufacturing Rubber Goods (Other than Footwear and Tires) - (Concl'd.)

Francis Perry & Company Limited,  
Air-Tite Rubber Products, Limited,  
Bowes "Seal Fast" Company Limited,  
The Canadian General Rubber Company Limited,  
Canadian Mechanical Rubber Corporation Ltd.,  
Canadian Rubber Products Company,  
Central Rubber Company,  
Durable Mat Company (Eastern) Limited,  
Griffith, G. L., & Sons Limited, (Federal  
Rubber Products),  
Independent Laboratories Limited,  
Jem Rubber Company Limited,  
Kelton Rubber Company,  
I. B. Kleinert Rubber Company,  
National Rubber Company Limited,  
Smith, The Verner T., Company Limited,  
Sterling Rubber Company Limited,  
Stokes, Joseph, Rubber Company Limited,  
Trafalgar Rubber Company Limited,  
Trafalgar Rubber Company Limited,  
Universal Mats Ontario,  
Viceroy Manufacturing Company Limited,  
Western Rubber Company, (Fred N. Stubbs),  
Williams, S. C.  
Triangle Rubber Company,  
Durable Mat Company (Canada) Limited,  
A. C. Rubber Manufacturing Company Limited,

940 Inspector Street, Montreal, Quebec.  
21 King Street E., Toronto, Ontario.  
103 John Street N., Hamilton, Ontario.  
Galt, Ontario.  
Orillia, Ontario.  
347 Sorauren Avenue, Toronto, Ontario.  
400 Eastern Avenue, Toronto, Ontario.  
570 Queen Street East, Toronto, Ontario.

315 Front Street, Stratford, Ontario.  
172 Marier Road, Eastview, Ontario.  
3723 Dundas Street W., Toronto, Ontario.  
225 Jarvis Street, Toronto, Ontario.  
91-93 Wellington St. W., Toronto, Ont.  
970 Queen Street W., Toronto, Ontario.  
Rockwood, Ontario.  
Guelph, Ontario.  
Welland, Ontario.  
Cooksville, Ontario.  
Trafalgar, Ontario.  
1264 Queen Street W., Toronto, Ontario.  
14-32 Alpine Avenue, Toronto, Ontario.  
Caledon, Ontario.  
450 Pacific Avenue, Toronto, Ontario.  
New Toronto, Ontario.  
146 Superior Street, Victoria, B.C.  
2311 Cambie Street, Vancouver, B.C.







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