

33-002

C-2

Mr. H. D. Howe
Minister of Trade and Commerce

Published by Authority of the Rt. Hon. C. D. Howe, M.P.,
Minister of Trade and Commerce



CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

+++ Industry and Merchandising Division +++

GENERAL MANUFACTURES SECTION



MONTHLY REPORT

ON

CONSUMPTION,

PRODUCTION AND INVENTORIES

OF RUBBER

MARCH, 1949



**OTTAWA
1949**

Price 25 cents

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

Dominion Statistician:
Director, Industry and Merchandising Division:
Chief, General Manufactures Section:

Herbert Marshall
W.H. Losee
A. Cohen

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

MARCH, 1949.

The statistics made available monthly in this report are considered only to represent clearly and accurately (a) the new domestic production of synthetic and reclaim rubber, and the inventories of firms reporting this production, and (b) the total consumption of all types of rubber, natural, synthetic and reclaim, whether foreign or domestic, by broad end product use groupings, together with inventories, receipts and sales of rubber by consuming manufacturers in all industries. The additions of the two inventories gives the total stocks held by industry.

It is regretted that comparable export-import data cannot be secured each month, and that, therefore, the total available supply is not accurately known. However, the data given in (b) do ultimately account for the total consumption of rubber in Canada, and should be capable of being correlated with new production and export-import data (as compiled by the External Trade Branch, D.B.S.) over a period of months.

Consumption of rubber in March, 1949 as compared with February 1949 shows an increase in natural of 500,164 pounds, an increase in synthetic of 118,264 pounds, and an increase in reclaim of 209,886 pounds, the total increase being 828,314 pounds. Considering the situation in terms of end product use, it may be noted that the consumption of all rubber in the production of tires and tubes, including tire repair materials, increased by 442,346 pounds, consumption in rubber footwear increased by 37,127 pounds, in wire and cable decreased by 2,410 pounds, and in other products increased by 351,251 pounds, making the total increase of 828,314 pounds mentioned above.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. Summary Data.

This section includes summary data on natural, synthetic and reclaim rubber, showing stocks, domestic production and domestic consumption. For more detailed data of consumption by specific types and by end products classifications, wherever possible, see Section B, Natural Rubber, Section C, Synthetic Rubber; and Section D, Reclaim Rubber.

Table 1. - Summary Statement of all Rubber Stocks, Domestic Production, Domestic Consumption showing Monthly Averages, 1939 - 1947, and Actual Monthly Totals, January 1948 - March 1949.

Weights are given in Long Tons (2,240 pounds)

Period	Stocks, End of Period			Domestic Production		Consumption		
	Natural	Syn- thetic	Re- claim	Syn- thetic	Re- claim	Natural	Syn- thetic	Re- claim
Monthly Averages								
1939	n.a.	n.a.	n.a.	-	-	2,635	-	626
1940	n.a.	n.a.	n.a.	-	-	3,083	-	703
1941	n.a.	n.a.	n.a.	-	-	4,436	-	789
1942	n.a.	n.a.	4,560	-	-	3,512	-	1,042
1943	8,165	2,292	4,822	210	392	2,434	307	1,166
1944	5,399	3,641	3,515	2,902	263	799	2,061	1,052
1945	3,703	4,107	2,219	3,810	276	491	2,995	1,276
1946	3,662	5,592	2,786	4,248	331	792	2,468	1,178
1947	6,992	4,333	2,672	3,533	344	2,690	2,432	1,360
1948 - January ..	5,739	3,921	2,246	3,648	371	3,458	2,081	1,339
February .	5,704	4,062	2,162	3,388	388	3,474	1,886	1,216
March	5,585	3,862	2,041	3,560	427	3,882	1,797	1,359
April	5,833	4,074	2,181	2,787	391	3,694	1,865	1,172
May	5,400	5,337	2,338	3,647	382	3,328	1,588	1,020
June	5,177	5,252	2,185	2,841	368	3,762	1,771	1,203
July	5,478	5,323	1,916	2,750	210	2,909	1,402	951
August ...	6,821	4,972	2,070	2,720	359	2,571	1,301	752
September.	6,634	4,869	1,820	4,146	344	3,363	1,611	1,116
October ..	7,710	3,802	1,751	2,959	351	3,522	1,651	1,175
November .	6,118	3,570	1,689	3,990	375	3,880	1,806	1,203
December .	5,827	4,336	1,829	4,019	357	3,724	1,795	1,180
1949 - January ..	6,412	5,106	1,870	4,762	329	3,487	1,644	1,084
February .	7,713	4,512	1,851	3,792	270	3,397	1,696	1,035
March	7,032	4,013	1,703	4,147	299	3,620	1,748	1,128

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 2 (a). - NEW SUPPLY. Statement of Manufacturers producing Synthetic and Reclaim (Weight in Long Tons)

Type of Rubber	Inventory March 1, 1949	Production	Inventory March 31, 1949
Natural Rubber -			
Crude Rubber	-	-	-
Natural Latex	47	-	33
Total Natural Rubber	47	-	33
Synthetic Rubber -			
Buna-S, Solid	1,816	3,332	1,419
Buna-S, Latex	124	253	114
Buna-N, Solid	21	125	77
Butyl, Solid	1,139	417	1,031
Neoprene	30	-	24
All other	-	20	7
Total Synthetic Rubber	3,130	4,147	2,672
Total Natural and Synthetic ..	3,177	4,147	2,705
Reclaim Rubber -			
Dispersions	38	24	8
Other than dispersions	332	275	243
Total Reclaim Rubber	370	299	251
GRAND TOTAL	3,547	4,446	2,956

Table 2 (b). - CONSUMPTION. Statement of Manufacturers Consuming Rubber (Weight in Long Tons)

Type of Rubber	Inventory March 1, 1949	Receipts (imports, etc.)	Con- sumption	Sales (exports etc.)	Inventory March 31, 1949
Natural Rubber-					
Crude Rubber	7,428	2,890	3,499	7	6,812
Natural Latex	238	73	121	3	187
Total Natural Rubber .	7,666	2,963	3,620	10	6,999
Synthetic Rubber -					
Buna-S, Solid	1,045	1,417	1,404	1	1,057
Buna-S, Latex	71	46	34	30	53
Buna-N, Solid	5	3	3	-	5
Butyl, Solid	128	197	207	-	118
Neoprene	105	66	90	-	81
All other	28	12	10	3	27
Total Synthetic Rubber	1,382	1,741	1,748	34	1,341
Total Natural and Synthetic	9,048	4,704	5,368	44	8,340
Reclaim Rubber -					
Dispersions	92	27	41	-	78
Other than dispersions .	1,389	1,072	1,087	-	1,374
Total Reclaim Rubber ...	1,481	1,099	1,128	-	1,452
GRAND TOTAL	10,529	5,803	6,496	44	9,792

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A, Summary Data - concluded

Table 3 (a). - Consumption of all Rubber, by Main Types and by End Product Classification, February, 1949.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,463,296	2,646,269	1,284,740	9,394,305
2. Wire and cable	109,356	249,058	27,499	385,913
3. Footwear (including heels, soles, etc.)	972,015	365,778	149,393	1,487,186
4. Other products	1,063,749	536,572	857,522	2,457,843
TOTAL	7,608,416	3,797,677	2,319,154	13,725,247

Table 3 (b). - Consumption of All Rubber, by Main Types and by End Product Classification, March 1949.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,766,390	2,726,372	1,343,889	9,836,651
2. Wire and cable	89,715	271,884	21,904	383,503
3. Footwear (including heels, soles, etc.)	958,832	335,457	230,024	1,524,313
4. Other products	1,293,643	582,228	933,223	2,809,094
TOTAL	8,108,580	3,915,941	2,529,040	14,553,561

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The February 1949 and March 1949 consumption of Natural Rubber showing crude rubber and natural latex separately, and arranged according to end products classifications, is shown in Tables 6 (a) and 6 (b).

Summary Data, by months, March 1948 to March 1949, are shown in Table 5, and 1939 - 1948 yearly totals, monthly averages and percentages of natural rubber to all rubber consumed, are given in Table 4. Crude rubber and natural latex do not appear separately in summary tables, but are combined under the heading "Natural". For summary data on Synthetic, Natural and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 4. - Consumption of Natural Rubber in Total, showing Monthly Averages 1939-1948 and percentages of Natural to All Rubber Consumed.

	Total	Monthly Average	Percentage to all Rubber
	Pounds	Pounds	Per cent
1939	70,828,800	5,902,400	80.8
1940	82,871,040	6,905,920	81.4
1941	119,239,680	9,936,640	84.9
1942	94,402,560	7,866,880	77.1
1943	65,425,920	5,452,160	62.3
1944	21,477,120	1,789,760	20.4
1945	13,198,080	1,099,840	10.3
1946	21,459,268	1,788,273	17.8
1947	72,294,000	5,024,500	41.5
1948	93,113,676	7,759,473	54.8

Table 5. - Consumption of Natural Rubber in Total, by End Products, and by Months, March 1948 to March 1949, showing also percentage of Natural to All Rubber Consumed.

Year and Month	Natural		Used in the Manufacture of -			
	Total	Percentage of All Rubber	Tires and Tubes	Wire and Cable	Foot- wear	Other Products
	000's pounds	per cent	000's pounds	000's pounds	000's pounds	000's pounds
1948 - February	7,782	52.8	5,743	71	958	1,010
March	8,695	55.2	6,215	90	1,115	1,275
April	8,275	54.9	5,952	102	1,130	1,091
May	7,457	56.1	5,254	80	1,047	1,066
June	8,426	55.8	6,189	91	1,057	1,089
July	6,515	55.3	5,126	46	615	728
August	5,759	55.6	4,144	68	667	880
September	7,534	55.2	5,474	89	757	1,214
October	7,889	55.5	5,717	92	914	1,166
November	8,691	56.3	6,479	134	901	1,177
December	8,343	55.6	6,116	120	819	1,288
1949 - January	7,810	56.1	5,646	89	988	1,087
February	7,608	55.4	5,463	109	972	1,064
March	8,109	55.7	5,766	90	959	1,294

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B, Natural Rubber - (Concluded).

Table 6 (a). - Consumption of Natural Rubber, by Types and by End Product Classification, February 1949.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,439,442	23,854	5,463,296
2. Wire and cable	109,356	-	109,356
3. Footwear (including heels, soles, etc.)	970,721	1,294	972,015
4. Other products	854,408	209,341	1,063,749
TOTAL	7,373,927	234,489	7,608,416

Table 6 (b). - Consumption of Natural Rubber, by Types and by End Product Classification, March 1949.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,735,003	31,387	5,766,390
2. Wire and Cable	89,715	-	89,715
3. Footwear (including heels, soles, etc.)	957,602	1,230	958,832
4. Other products	1,055,246	238,397	1,293,643
TOTAL	7,837,566	271,014	8,108,580

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The February 1949 and March 1949 consumption of Synthetic Rubber is shown by type, and by end products classification, in Table 10.

Summary data, by months, are shown in Tables 8 and 9, while 1943 - 1948 yearly totals and monthly averages are given in Table 7. For summary data on Synthetic and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 7. - Consumption of Synthetic Rubber in Total, showing Monthly Averages, 1943-1948, and Percentages of Synthetic Rubber to All Rubber Consumed.

Year	Total	Monthly Average	Percentage
1943	8,252,160 pounds	687,680 pounds	7.9
1944	55,399,680 "	4,616,640 "	52.7
1945	80,505,600 "	6,708,800 "	62.9
1946	66,357,973 "	5,529,831 "	55.6
1947	65,367,660 "	5,447,305 "	37.5
1948	46,051,821 "	3,837,652 "	27.1

Table 8. - Consumption of Synthetic Rubber, by Types and by Months, January 1948 to March, 1949.

	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1948-January	3,593,044	923,787	130,949	16,929	4,664,709
February	3,320,024	733,907	146,740	22,880	4,223,551
March	3,373,629	460,765	165,141	26,268	4,025,803
April	3,508,423	446,890	204,995	20,493	4,180,801
May	2,969,325	385,312	184,528	20,383	3,559,548
June	3,223,223	524,704	191,943	26,019	3,965,889
July	2,614,210	386,787	125,003	13,543	3,139,543
August	2,380,019	306,453	204,508	24,055	2,915,035
September	3,007,785	407,223	172,401	19,539	3,606,948
October	3,093,226	410,371	182,211	16,049	3,701,857
November	3,396,730	465,021	166,917	18,598	4,047,266
December	3,381,339	450,228	171,767	17,537	4,020,871
1949-January	3,128,991	407,957	131,575	17,771	3,686,294
February	3,171,352	439,123	169,109	18,093	3,797,677
March	3,220,560	463,700	203,482	28,199	3,915,941

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber (Continued)

Table 9. - Consumption of Synthetic Rubber, in Total, by End Products, and by Months, January 1947 to March 1949 showing also Percentage of Synthetic to All Rubber Consumed.

Year and Month	Synthetic Rubber		Used in the manufacture of -			
	Total	Percentage of All Rubber	Tires and Tubes *	Wire and Cable	Footwear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1947 - January	7,158	46.4	5,289	183	377	1,308
February ...	6,325	43.3	4,919	164	375	869
March	6,443	41.6	4,780	168	519	976
April	6,591	43.2	4,843	165	575	1,008
May	6,470	41.5	4,928	231	401	911
June	5,690	39.3	4,377	164	210	940
July	4,611	36.7	3,569	114	307	621
August	3,853	35.1	2,909	155	314	474
September ..	4,734	31.4	3,407	208	378	741
October	4,660	30.6	3,412	190	365	693
November ...	4,397	29.7	3,203	253	323	618
December ...	4,436	30.0	3,442	157	314	523
1948 - January	4,665	30.2	3,495	203	365	602
February ...	4,223	28.7	3,076	183	364	600
March	4,026	25.5	2,830	265	338	602
April	4,181	27.7	2,981	254	310	636
May	3,560	26.7	2,504	205	319	532
June	3,966	26.3	2,750	228	339	649
July	3,139	26.6	2,299	137	217	486
August	2,915	28.1	1,960	159	273	523
September ..	3,607	26.5	2,602	204	283	518
October	3,702	26.0	2,667	164	301	570
November ...	4,047	26.2	2,832	259	338	618
December ...	4,021	26.8	2,883	213	287	638
1949 - January	3,686	26.5	2,696	211	256	523
February ...	3,798	27.7	2,646	249	366	537
March	3,916	26.9	2,726	272	336	582

* Includes "tire repair materials"

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. - Synthetic Rubber (Concluded)

Table 10 (a). - Consumption of Synthetic Rubber, by Types and by End Product Classification, February 1949.

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	2,151,320	58,144	-	431,641	5,164	-	2,646,269
2. Wire and cable	203,354	-	-	300	45,404	-	249,058
3. Footwear (including heels, soles, etc.)	344,172	11,090	150	1,592	3,261	5,513	365,778
4. Other products	372,284	30,988	6,031	5,590	115,280	6,399	536,572
TOTAL	3,071,130	100,222	6,181	439,123	169,109	11,912	3,797,677

Table 10 (b). - Consumption of Synthetic Rubber, by Types and by End Product Classification, March 1949.

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes, and tire repair materials	2,211,759	58,351	100	451,893	4,269	-	2,726,372
2. Wire and cable	207,095	-	-	1,986	62,803	-	271,884
3. Footwear (including heels, soles, etc.)	317,452	8,207	-	-	3,289	6,509	335,457
4. Other products	408,546	9,150	6,455	9,821	133,121	15,135	582,228
TOTAL	3,144,852	75,708	6,555	463,700	203,482	21,644	3,915,941

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section D. Reclaim Rubber

Tables 11 and 12 give the consumption of Reclaim in total for the years 1939-1948 with monthly averages for each year and broken down into Dispersions and Other than Dispersions, by actual months, January 1948 to March 1949. Consumption of Reclaim, in total only, by end product classification is given in Tables 3 (a) and 3 (b) for February 1949 and March 1949. For summary data on Reclaim, Synthetic, and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 11. - Consumption of Reclaim Rubber in Total, and by Monthly Averages, 1949 - 1948, showing also percentages of Reclaim to All Rubber Consumed.

Year	Total	Monthly Average	Percentage To All Rubber
1939	16,826,880 pounds	1,402,240 pounds	19.2
1940	18,896,640 "	1,574,720 "	18.6
1941	21,208,320 "	1,767,360 "	15.1
1942	28,008,960 "	2,334,080 "	22.9
1943	31,342,080 "	2,611,840 "	29.8
1944	28,277,760 "	2,356,480 "	26.9
1945	34,298,880 "	2,858,240 "	26.8
1946	31,673,600 "	2,639,467 "	26.6
1947	36,566,628 "	3,047,219 "	21.0
1948	30,661,557 "	2,555,130 "	18.1

Table 12. - Consumption of Reclaim Rubber, by Types and by Months, January 1948 to March 1949, showing percentages of Reclaim to All Rubber Consumed.

Month	Dispersions	Other than Dispersions	Total	Percentage to All Rubber
	Pounds	Pounds	Pounds	Per cent
1948 - January	113,948	2,886,095	3,000,043	19.5
February	115,805	2,608,102	2,723,907	18.5
March	149,175	2,893,982	3,043,157	19.3
April	135,727	2,491,562	2,627,289	17.4
May	102,679	2,182,470	2,285,149	17.2
June	135,761	2,561,918	2,697,679	17.9
July	108,040	2,022,148	2,130,188	18.1
August	108,022	1,577,000	1,685,022	16.3
September	121,052	2,379,392	2,500,444	18.3
October	110,063	2,521,523	2,631,586	18.5
November	104,549	2,589,231	2,693,780	17.5
December	88,865	2,554,448	2,643,313	17.6
1949 - January	78,752	2,349,279	2,428,031	17.4
February	91,674	2,227,480	2,319,154	16.9
March	92,559	2,436,481	2,529,040	17.4

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010743047