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GOVERNMENT OF CANADA

MONTHLY REPORT
ON
CONSUMPTION,
PRODUCTION AND INVENTORIES
OF RUBBER
OCTOBER, 1949



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE

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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

OCTOBER, 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 addition 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 October, 1949 as compared with September, 1949 shows an increase in natural of 180,015 pounds, an increase in synthetic of 43,414 pounds, and an increase in reclaim of 55,805 pounds, the total increase being 279,234 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 168,521 pounds, consumption in rubber footwear increased by 171,588 pounds, in wire and cable decreased by 13,900 pounds, and in other products decreased by 46,975 pounds, making the total increase of 279,234 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, where-ever 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 - October 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	3,516	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
April ...	7,200	4,299	1,787	3,376	254	3,075	1,763	991
May	7,492	4,755	1,826	4,543	309	3,194	1,677	1,028
June	5,891	3,790	1,461	4,224	265	3,209	1,556	1,108
July	5,230	5,307	1,471	4,119	143	2,452	1,160	780
August ..	5,331	5,820	1,602	4,446	304	2,432	1,186	752
September	5,202	5,240	1,587	3,640	312	3,259	1,391	962
October .	5,704	4,805	1,783	2,938	329	3,338	1,411	988

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 October 1, 1949	Production	Inventory October 31, 1949
<u>Natural Rubber -</u>			
Crude Rubber	-	-	-
Natural Latex	50	-	44
Total Natural Rubber	50	-	44
<u>Synthetic Rubber -</u>			
Buna-S	2,555	2,716	2,515
Butyl	1,209	-	741
Neoprene	10	-	19
All other	202	222	188
Total Synthetic Rubber	3,976	2,938	3,463
Total Natural and Synthetic.	4,026	2,938	3,507
<u>Reclaim Rubber -</u>			
Dispersions	16	27	16
Other than dispersions	184	302	251
Total Reclaim Rubber	200	329	267
GRAND TOTAL	4,226	3,267	3,774

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

Type of Rubber	Inventory October 1, 1949	Receipts (imports, etc.)	Con- sumption	Sales (exports etc.)	Inventory October 31, 1949
<u>Natural Rubber -</u>					
Crude Rubber	4,981	3,742	3,218	37	5,468
Natural Latex	171	153	120	12	192
Total Natural Rubber	5,152	3,895	3,338	49	5,660
<u>Synthetic Rubber -</u>					
Buna-S, Solid	961	1,166	1,113	7	1,007
Buna-S, Latex	48	43	30	-	61
Buna-N	4	5	3	-	6
Butyl	151	141	162	-	130
Neoprene	82	129	95	-	116
All other	18	19	8	7	22
Total Synthetic	1,264	1,503	1,411	14	1,342
Total Natural and Synthetic.	6,416	5,398	4,749	63	7,002
<u>Reclaim Rubber -</u>					
Dispersions	59	35	43	-	51
Other than dispersions	1,328	1,085	945	3	1,465
Total Reclaim Rubber	1,387	1,120	988	3	1,516
GRAND TOTAL	7,803	6,518	5,737	66	8,518

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, October, 1949

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,201,857	2,010,887	934,468	8,147,212
2. Wire and cable	70,822	218,159	16,334	305,315
3. Footwear (including heels, soles, etc.)	985,117	444,675	241,398	1,671,190
4. Other products	1,221,083	486,364	1,020,845	2,728,292
TOTAL	7,478,879	3,160,085	2,213,045	12,852,009

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	4,924,208	1,989,748	1,064,735	7,978,691
2. Wire and cable	64,653	235,823	18,739	319,215
3. Footwear (including heels, soles, etc.)	912,422	380,887	206,293	1,499,602
4. Other Products	1,397,581	510,213	867,473	2,775,267
TOTAL	7,298,864	3,116,671	2,157,240	12,572,775

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The September 1949 and October 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, October 1948 to October 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.

Year	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	6,024,500	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, October 1948 to October 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 - 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
April	6,888	52.8	4,806	78	755	1,249
May	7,154	54.1	4,964	91	941	1,158
June	7,190	54.6	5,067	31	796	1,296
July	5,494	55.8	3,980	26	597	891
August	5,448	55.7	3,332	97	980	1,039
September	7,299	58.1	4,924	65	912	1,398
October	7,479	58.2	5,202	71	985	1,221

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, October 1949

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,177,115	24,742	5,201,857
2. Wire and cable	70,822	-	70,822
3. Footwear (including heels, soles, etc.)	982,544	2,573	985,117
4. Other products	978,708	242,375	1,221,083
TOTAL	7,209,189	269,690	7,478,879

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

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	4,884,001	40,207	4,924,208
2. Wire and cable	64,653	-	64,653
3. Footwear (including heels, soles, etc.)	911,495	927	912,422
4. Other products	1,098,328	299,253	1,397,581
TOTAL	6,958,477	340,387	7,298,864

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The September 1949 and October 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
	Pounds	Pounds	
1943	8,252,160	687,680	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 October 1949.

Year	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
April	3,295,160	437,469	182,656	32,230	3,947,515
May	3,153,583	401,789	193,233	11,679	3,760,284
June	2,930,548	357,375	183,188	16,616	3,487,727
July	2,169,349	302,339	109,412	18,458	2,599,558
August	2,244,334	244,569	147,848	20,705	2,657,456
September ...	2,542,996	332,555	217,127	23,993	3,116,671
October	2,560,331	363,816	212,157	23,781	3,160,085

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 October 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	Foot-wear	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	41.8	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
April	3,948	30.2	2,867	216	327	538
May	3,760	28.5	2,687	204	379	490
June	3,488	26.5	2,418	161	381	528
July	2,599	26.4	1,838	69	329	363
August	2,657	27.1	1,650	182	395	430
September	3,117	24.8	1,990	236	381	510
October	3,160	24.6	2,011	218	445	486

* 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, October 1949

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	Pounds	Pounds					
1. Tires, tubes, and tire repair materials	1,588,151	55,401	100	360,227	4,575	2,433	2,010,887
2. Wire and cable ..	120,817	-	-	-	97,342	-	218,159
3. Footwear (including heels, soles, etc.) ..	431,117	-	180	-	5,744	7,634	444,675
4. Other products ..	353,265	11,580	6,332	3,589	104,496	7,102	486,364
TOTAL	2,493,350	66,981	6,612	363,816	212,157	17,169	3,160,085

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

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	Pounds	Pounds					
1. Tires, tubes, and tire repair materials	1,619,606	48,240	-	313,467	8,435	-	1,989,748
2. Wire and cable ..	134,038	-	-	1,613	100,172	-	235,823
3. Footwear (including heels, soles, etc.) ..	371,638	12	255	-	6,092	2,890	380,887
4. Other products ..	365,053	4,409	6,475	17,475	102,428	14,373	510,213
TOTAL	2,490,335	52,661	6,730	332,555	217,127	17,263	3,116,671

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 October 1949. Consumption of Reclaim, in total only, by end product classification is given in Tables 3 (a) and 3 (b) for September 1949 and October 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, 1939-1948, showing also percentages of Reclaim to All Rubber Consumed.

Year	Total	Monthly Average	Percentage To All Rubber
	Pounds	Pounds	
1939	16,826,880	1,402,240	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 October 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
April	95,277	2,123,118	2,218,395	17.0
May	89,358	2,214,598	2,303,956	17.4
June	77,058	2,405,429	2,482,487	18.9
July	58,077	1,689,518	1,747,595	17.8
August ...	79,898	1,604,127	1,684,025	17.2
September.	86,144	2,071,096	2,157,240	17.1
October ..	96,714	2,116,331	2,213,045	17.2

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