

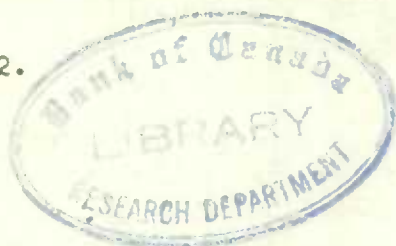


DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
OTTAWA



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

Vol. 5, No. 2.



Price \$2.00 per year.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

February, 1951

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 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 February, 1951 as compared with January, 1951 shows an increase in natural of 37,417 pounds, a decrease in synthetic of 8,843 pounds, and an increase in reclaim of 53,676 pounds, the total increase being 82,250 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, decreased by 92,561 pounds, consumption in rubber footwear increased by 34,156 pounds, in wire and cable decreased by 76,321 pounds, and in other products increased by 216,976 pounds, making the total increase of 82,250 pounds mentioned above.

Prepared in General Manufactures Section.

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 - 1950, and Actual Monthly totals, January 1950 to February 1951.

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	6,002	4,448	2,019	3,371	360	3,464	1,713	1,141
1949	6,138	4,678	1,715	3,887	290	3,192	1,505	983
1950	4,423	3,511	1,635	4,870	371	3,843	1,881	1,163
1950 - January	5,734	4,443	1,712	4,625	317	3,608	1,527	1,052
February ...	4,964	4,300	1,695	4,345	291	3,690	1,630	1,070
March	4,983	4,110	1,607	5,290	322	3,916	1,683	1,139
April	5,272	4,700	1,652	4,604	343	3,477	1,640	1,059
May	5,714	3,743	1,540	4,744	436	3,588	1,837	1,134
June	4,416	3,278	1,599	4,489	401	4,041	1,817	1,234
July	3,561	3,297	1,532	4,777	193	3,626	1,682	1,062
August	3,521	3,109	1,564	4,977	385	3,079	1,947	975
September ..	4,063	3,250	1,716	4,984	376	3,788	2,271	1,167
October	3,981	3,038	1,595	5,142	442	4,402	2,260	1,300
November ...	3,446	2,850	1,648	5,220	501	4,397	2,114	1,379
December ...	3,421	3,015	1,755	5,243	449	4,506	2,169	1,381
1951 - January	4,120	3,164	1,819	5,288	479	4,323	2,227	1,463
February ...	4,153	2,676	1,965	4,726	460	4,339	2,225	1,487

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 February 1, 1951	Production	Inventory February 28, 1951
<u>Natural Rubber -</u>			
Crude Rubber	-	-	-
Natural Latex	60	-	64
Total Natural Rubber	60	-	64
<u>Synthetic Rubber -</u>			
Buna-S	567	2,849	523
Butyl	548	1,182	439
Neoprene	23	-	24
All other	316	695	140
Total Synthetic Rubber	1,454	4,726	1,126
Total Natural and Synthetic ...	1,514	4,726	1,190
<u>Reclaim Rubber -</u>			
Dispersions	50	55	17
Other than dispersions	163	405	138
Total Reclaim Rubber	213	460	155
GRAND TOTAL	1,727	5,186	1,345

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

Type of Rubber	Inventory Feb. 1, 1951	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Feb. 28, 1951
<u>Natural Rubber -</u>					
Crude Rubber	3,838	4,149	4,149	13	3,825
Natural Latex	222	244	190	12	264
Total Natural Rubber	4,060	4,393	4,339	25	4,089
<u>Synthetic Rubber -</u>					
Buna-S, Solid	1,113	1,443	1,542	4	1,010
Buna-S, Latex	78	73	54	19	78
Buna-N	18	10	7	-	21
Butyl	329	405	451	4	279
Neoprene	121	127	126	1	121
All other	51	48	45	13	41
Total Synthetic	1,710	2,106	2,225	41	1,550
Total Natural and Synthetic ...	5,770	6,499	6,564	66	5,639
<u>Reclaim Rubber -</u>					
Dispersions	80	68	63	-	85
Other than dispersions	1,526	1,623	1,424	-	1,725
Total Reclaim Rubber	1,606	1,691	1,487	-	1,810
GRAND TOTAL	7,376	8,190	8,051	66	7,449

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 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	7,025,364	2,837,842	1,764,665	11,627,871
2. Wire and cable	73,000	303,935	16,352	393,287
3. Footwear (including heels, soles, etc.)	945,726	730,087	389,946	2,065,759
4. Other products	1,676,657	1,110,438	1,161,136	3,948,231
TOTAL	9,720,747	4,982,302	3,332,099	18,035,148

Table 3 (b). - Consumption of All Rubber, by Main Types and by End Product Classification, January 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	6,930,058	2,877,010	1,913,364	11,720,432
2. Wire and cable	71,662	382,216	15,730	469,608
3. Footwear (including heels, soles, etc)	1,024,733	690,242	316,628	2,031,603
4. Other products	1,656,877	1,041,677	1,032,701	3,731,255
TOTAL	9,683,330	4,991,145	3,278,423	17,952,898

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B, Natural Rubber

The January 1951 and February 1951 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 February 1950 to February 1951, are shown in Table 5; and 1939 - 1950 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 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 1939-1950 and Percentages of Natural to all Rubber Consumed.

Year	Total	Monthly Average	Percentage to all Rubber
	Pounds	Pounds	%
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
1949	85,790,432	7,149,203	56.2
1950	103,305,446	8,608,787	55.8

Table 5. - Consumption of Natural Rubber in Total, by End Products, and by Months, February 1950 to February 1951, 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
1950 - February	8,265	57.7	5,658	76	933	1,598
March	8,772	58.1	5,849	95	1,091	1,737
April	7,790	56.3	5,245	65	944	1,536
May	8,036	54.7	5,450	80	967	1,539
June	9,052	57.0	6,472	64	967	1,549
July	8,122	56.9	6,005	48	640	1,429
August	6,898	51.3	4,414	78	908	1,498
September	8,484	52.4	5,815	56	1,061	1,552
October	9,860	55.3	7,060	67	1,033	1,700
November	9,849	55.7	7,004	68	1,113	1,664
December	10,093	55.9	7,112	69	983	1,929
1951 - January	9,683	53.9	6,930	71	1,025	1,657
February	9,721	53.9	7,025	73	946	1,677

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 1951.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	6,992,799	32,565	7,025,364
2. Wire and cable	73,000	-	73,000
3. Footwear (including heels, soles, etc.)	940,949	4,777	945,726
4. Other products	1,287,990	388,667	1,676,657
TOTAL	9,294,738	426,009	9,720,747

Table 6 (b) - Consumption of Natural Rubber, by Types and by End Product Classification, January 1951.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	6,898,756	31,302	6,930,058
2. Wire and cable	71,662	-	71,662
3. Footwear (including heels, soles, etc.)	1,019,711	5,022	1,024,733
4. Other Products	1,254,548	402,329	1,656,877
TOTAL	9,244,677	438,653	9,683,330

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The January 1951 and February 1951 consumption of Synthetic Rubber is shown by types and by end products classification, in Table 10.

Summary data, by months, are shown in Tables 8 and 9, while 1943-50 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, 1943-1950, 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
1949	40,474,347	3,372,862	26.5
1950	50,596,632	4,216,386	27.3

Table 8. - Consumption of Synthetic Rubber, by Types and by Months, February 1950 to February 1951.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1950 - February	2,884,387	511,313	228,794	29,449	3,653,943
March	2,974,268	494,534	272,921	30,651	3,772,374
April	2,931,191	505,518	214,213	27,130	3,678,052
May	3,240,788	571,476	265,749	36,054	4,114,067
June	3,247,191	518,822	272,301	31,101	4,069,415
July	3,027,299	569,205	148,396	25,495	3,770,395
August	3,551,453	479,769	293,427	37,297	4,361,946
September	4,059,099	741,566	250,892	36,199	5,087,756
October	3,857,537	872,361	251,845	83,455	5,065,198
November	3,508,092	841,037	288,979	101,836	4,739,944
December	3,637,670	886,508	231,835	106,032	4,862,045
1951 - January	3,692,732	907,982	283,850	106,581	4,991,145
February	3,573,387	1,010,066	282,233	116,616	4,982,302

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 1949 to February 1951, 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 ^x	Wire and Cable	Foot-wear	Other Products
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
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
November	3,131	24.8	2,046	258	289	538
December	3,214	24.0	2,126	262	308	518
1950 - January	3,421	24.7	2,222	307	333	559
February	3,654	25.5	2,380	295	364	615
March	3,772	25.0	2,251	331	483	707
April	3,678	26.6	2,418	259	312	689
May	4,114	28.0	2,655	359	353	747
June	4,069	25.6	2,527	322	436	784
July	3,770	26.4	2,595	167	370	638
August	4,362	32.5	2,374	345	524	1,119
September ...	5,088	31.4	3,215	339	645	889
October	5,065	28.4	3,184	314	637	930
November	4,740	26.8	2,774	389	744	833
December	4,862	26.9	3,050	314	495	1,003
1951 - January	4,991	27.8	2,877	382	690	1,042
February	4,982	27.6	2,838	304	730	1,110

x 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 1951.

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	1,845,103	69,623	-	919,189	3,927	-	2,837,842
2. Wire and cable ...	170,421	-	-	91	133,423	-	303,935
3. Footwear (including heels, soles, etc.)	652,750	323	-	-	2,766	74,248	730,087
4. Other products ...	784,904	50,263	15,702	90,786	142,117	26,666	1,110,438
TOTAL	3,453,178	120,209	15,702	1,010,066	282,233	100,914	4,982,302

Table 10 (b). - Consumption of Synthetic Rubber, by Types and by End Product Classification, January 1951.

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	1,971,134	68,092	-	835,434	2,350	-	2,877,010
2. Wire and cable ...	231,708	-	-	250	150,258	-	382,216
3. Footwear (including heels, soles, etc.)	610,117	2,401	-	-	2,780	74,944	690,242
4. Other products ...	774,608	34,672	9,930	72,298	128,462	21,707	1,041,677
TOTAL	3,587,567	105,165	9,930	907,982	283,850	96,651	4,991,145



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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section D, Reclaim Rubber

Table 11 gives the consumption of Reclaim in total for the years 1939-1950 with monthly averages for each year and showing percentage of reclaim to all rubber consumed. Consumption of Reclaim, in total only, by end product classification is given in Table 12 by months, February 1950 to February 1951. Of the 3,332,099 pounds consumed in February 1951, 142,748 pounds were consumed in the form of dispersions and 3,189,351 pounds as other than dispersions. For summary data on Reclaim 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, 1939-1950, 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
1949	26,417,995	2,201,500	17.3
1950	31,267,567	2,605,631	16.9

Table 12. - Consumption of Reclaim Rubber in Total, by End Products, and by Months, February 1950 to February 1951, showing also percentage of Reclaim to All Rubber Consumed

Year and Month	Reclaim		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
1950 - February	2,399	16.8	1,186	17	198	998
March	2,552	16.9	1,204	23	238	1,087
April	2,374	17.1	1,151	15	184	1,024
May	2,541	17.3	1,277	20	192	1,052
June	2,765	17.4	1,310	23	238	1,194
July	2,380	16.7	1,218	8	221	933
August	2,185	16.2	963	16	216	990
September ...	2,615	16.2	1,197	16	267	1,135
October	2,914	16.3	1,490	22	277	1,125
November	3,090	17.5	1,427	21	303	1,339
December	3,094	17.2	1,545	15	298	1,236
1951 - January	3,278	18.3	1,913	16	316	1,033
February	3,332	18.5	1,765	16	390	1,161