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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. 7, No. 2

Price \$2.00 per year

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

February, 1953

The statistics made available monthly in this report are considered 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, 1953 as compared with January, 1953 shows an increase in natural of 756,535 pounds, an increase in synthetic of 648,533 pounds, and an increase in reclaim of 215,282 pounds, the total increase being 1,620,350 pounds. Considering the situation in terms of end products use, it may be noted that the consumption of all rubber in the production of tires and tubes, including tire repair materials, increased by 515,787 pounds, consumption in rubber footwear increased by 315,684 pounds, in wire and cable increased by 3,380 pounds and in other products increased by 785,499 pounds, making the total increase of 1,620,350 pounds mentioned above.

Prepared in General Manufactures Section.

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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 classification, 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 and Domestic Consumption Showing Monthly Averages, 1939-1952, and Actual Monthly Totals, January and February 1953.

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.	4,506	-	-	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
1951	5,016	3,671	2,219	5,191	423	3,698	2,203	1,319
1952	4,255	6,925	1,567	6,189	382	2,792	2,799	1,133
1953-January ...	3,887	4,636	1,488	6,779	378	2,942	3,111	1,217
February ..	4,581	4,721	1,450	6,398	406	3,279	3,400	1,313

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 Feb. 1, 1953	Production	Inventory Feb. 28, 1953
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	24	-	34
Total Natural Rubber	24	-	34
<u>Synthetic Rubber</u>			
Buna-S	1,096	4,168	937
Butyl	1,226	1,450	1,580
Neoprene	39	-	38
All Other	158	780	183
Total Synthetic Rubber	2,519	6,398	2,738
<u>Reclaim Rubber</u>			
Dispersions	28	38	18
Other than Dispersions	103	368	86
Total Reclaim Rubber	131	406	104
GRAND TOTAL	2,674	6,804	2,876

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

Type of Rubber	Inventory Feb. 1, 1953	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports etc.)	Inventory Feb. 28, 1953
<u>Natural Rubber</u>					
Crude Rubber	3,706	3,666	2,988	30	4,354
Natural Latex	157	336	291	9	193
Total Natural Rubber	3,863	4,002	3,279	39	4,547
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,444	2,543	2,629	1	1,357
Buna-S, Latex	123	63	115	1	70
Buna-N	23	16	11	-	28
Butyl	303	392	439	-	256
Neoprene	176	177	141	1	211
All Other	48	86	65	8	61
Total Synthetic Rubber ...	2,117	3,277	3,400	11	1,983
<u>Reclaim Rubber</u>					
Dispersions	84	26	40	-	70
Other than Dispersion	1,273	1,276	1,273	-	1,276
Total Reclaim Rubber	1,357	1,302	1,313	-	1,346
GRAND TOTAL	7,337	8,581	7,992	50	7,876

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. - Summary Data (Concluded)

Table 3 (a) - Consumption of all Rubber, by Types and by End Product Classification, February 1953.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,649,761	4,980,776	1,634,785	11,265,322
2. Wire and cable	77,504	390,840	5,823	474,167
3. Footwear (including heels, soles, etc.)	767,976	959,059	207,096	1,934,131
4. Other products	1,850,893	1,286,095	1,093,333	4,230,321
TOTAL	7,346,134	7,616,770	2,941,037	17,903,941

Table 3 (b) - Consumption of all Rubber, by Types and by End Product Classification, January 1953.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,444,457	4,672,927	1,632,151	10,749,535
2. Wire and cable	79,904	385,198	5,685	470,787
3. Footwear (including heels, soles, etc.)	626,462	796,901	195,084	1,618,447
4. Other products	1,438,776	1,113,211	892,835	3,444,822
TOTAL	6,589,599	6,968,237	2,725,755	16,283,591

Table 4 - Consumption of all Rubber in Total, by Types, Showing Percentages of Each Type to all Rubber Consumed, 1939 to 1952.

	Natural		Synthetic		Reclaim	
	pounds	%	pounds	%	pounds	%
1939	70,828,800	80.8	-	-	16,826,880	19.2
1940	82,871,040	81.4	-	-	18,896,640	18.6
1941	119,239,680	84.9	-	-	21,208,320	15.1
1942	94,402,560	77.1	-	-	28,008,960	22.9
1943	65,425,920	62.3	8,252,160	7.9	31,342,080	29.8
1944	21,477,120	20.4	55,399,680	52.7	28,277,760	26.9
1945	13,198,080	10.3	80,505,600	62.9	34,298,880	26.8
1946	21,459,268	17.8	66,357,973	55.6	31,673,600	26.6
1947	72,294,000	41.5	65,367,660	37.5	36,566,628	21.0
1948	93,113,676	54.8	46,051,821	27.1	30,661,557	18.1
1949	85,790,432	56.2	40,474,347	26.5	26,417,995	17.3
1950	103,305,446	55.8	50,596,632	27.3	31,267,567	16.9
1951	99,404,429	51.2	59,217,110	30.5	35,447,251	18.3
1952	75,042,843	41.5	75,260,578	41.6	30,468,040	16.9

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B, Natural Rubber

The February 1953 consumption of Natural Rubber, showing crude rubber and natural latex separately and arranged according to end products classification, is shown in Table 5. Summary data, by months, February 1952 to February 1953 are shown in Table 6. For summary data on Natural and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 5 - Consumption of Natural Rubber, by Types and by
End Product Classification, February 1953.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,633,713	16,048	4,649,761
2. Wire and cable	77,504	-	77,504
3. Footwear (including heels, soles, etc.)	763,597	4,379	767,976
4. Other products	1,218,620	632,273	1,850,893
TOTAL	6,693,434	652,700	7,346,134

Table 6 - Consumption of Natural Rubber in Total, by End Products, February
1952 to February 1953, showing also Percentage of Natural to all
Rubber Consumed.

	Natural		Used in the Manufacture of			
	Total	Percentage of all Rubber	Tires and Tubes	Wire and Cable	Foot- wear	Other Pro- ducts
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
1952 - February	6,523	42.4	4,622	60	649	1,192
March	6,752	40.8	4,735	71	689	1,257
April	6,706	39.9	4,604	96	673	1,333
May	6,107	38.5	4,066	83	687	1,271
June	5,638	40.2	3,762	78	585	1,213
July	4,760	40.5	3,265	24	454	1,017
August	4,444	40.8	2,484	84	802	1,074
September	6,290	42.7	3,972	83	859	1,376
October	7,275	43.8	4,877	80	942	1,376
November	7,577	43.6	5,221	91	779	1,486
December	6,391	40.0	4,348	66	554	1,423
1953 - January	6,589	40.5	4,444	80	626	1,439
February	7,346	41.0	4,650	77	768	1,851

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The February 1953 consumption of Synthetic Rubber is shown by types and by end products classification in Table 7. Summary data, by months, are shown in Tables 8 and 9. 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, by Types and by End Product Classification, February 1953.

	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	3,993,264	109,507	247	871,183	6,575	-	4,980,776
2. Wire and cable	218,105	-	-	4,885	167,850	-	390,840
3. Footwear (including heels, soles, etc.)...	833,825	124	202	25	10,102	114,781	959,059
4. Other Products	844,250	148,394	23,762	107,167	130,698	31,824	1,286,095
TOTAL	5,889,444	258,025	24,211	983,260	315,225	146,605	7,616,770

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, February 1952 to February 1953, Showing also Percentages 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
1952 - February	6,394	41.5	4,358	376	699	961
March	7,086	42.9	4,768	357	727	1,234
April	7,134	42.4	4,816	361	796	1,161
May	7,033	44.4	4,601	470	794	1,168
June	6,007	42.8	3,758	358	736	1,155
July	4,900	41.6	3,303	200	527	870
August	4,698	43.2	2,632	383	732	951
September	5,873	39.9	3,691	346	727	1,109
October	6,517	39.2	4,127	354	875	1,161
November	7,072	40.7	4,410	458	929	1,275
December	6,882	43.0	4,541	357	835	1,149
1953 January	6,968	42.8	4,673	385	797	1,113
February	7,617	42.6	4,981	391	959	1,286

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Table 9 - Consumption of Synthetic Rubber, by Types, February 1952 to February 1953.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1952 - February	5,250,629	764,412	305,521	73,663	6,394,225
March	5,692,421	947,457	349,817	96,419	7,086,114
April	5,858,979	888,670	312,418	73,696	7,133,763
May	5,715,375	850,562	387,516	80,024	7,033,477
June	4,857,597	746,490	297,110	106,216	6,007,413
July	3,934,576	675,167	202,857	87,735	4,900,335
August	3,775,083	494,292	311,248	117,466	4,698,089
September	4,660,454	760,456	312,072	140,425	5,873,407
October	5,233,065	826,599	314,452	142,852	6,516,968
November	5,632,928	890,568	392,313	156,652	7,072,461
December	5,538,899	851,779	312,717	178,677	6,882,072
1953 - January	5,537,097	950,077	311,717	169,346	6,968,237
February	6,147,469	983,260	315,225	170,816	7,616,770

Section D. Reclaim Rubber

Table 10 give the consumption of Reclaim in total only, by end product classification, February 1952 to February 1953. Of the 2,941,037 pounds consumed in February 1953, 90,608 pounds were consumed in the form of dispersions and 2,850,429 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 10 - Consumption of Reclaim Rubber in Total by End Products, February 1952 to February 1953, Showing also Percentages of Reclaim to all Rubber Consumed.

	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
1952 - February	2,483	16.1	1,405	18	183	877
March	2,698	16.3	1,516	9	225	948
April	2,978	17.7	1,737	14	210	1,017
May	2,705	17.1	1,401	39	203	1,062
June	2,393	17.0	1,306	16	194	877
July	2,095	17.9	1,254	9	127	705
August	1,741	16.0	914	8	187	632
September	2,572	17.4	1,339	12	215	1,006
October	2,825	17.0	1,499	9	288	1,029
November	2,731	15.7	1,471	9	219	1,032
December	2,723	17.0	1,502	10	203	1,008
1953 - January	2,726	16.7	1,632	6	195	893
February	2,941	16.4	1,635	6	207	1,093

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