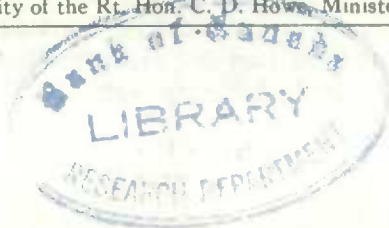




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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

January, 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 manufactures 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 January, 1953 as compared with December, 1952 shows an increase in natural of 198,945 pounds, an increase in synthetic of 86,165 pounds, and an increase in reclaim of 2,414 pounds, the total increase being 287,524 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 358,545 pounds, consumption in rubber footwear increased by 26,317 pounds, in wire and cable increased by 37,668 pounds and in other products decreased by 135,006 pounds, making the total increase of 287,524 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, December 1952 and January 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
<b>Monthly Averages</b>								
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
1952-December ..	3,546	4,743	1,621	4,899	428	2,853	3,073	1,216
1953-January ...	3,887	4,636	1,488	6,779	378	2,942	3,111	1,217

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 Jan. 1, 1953	Production	Inventory Jan. 31, 1953
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	21	-	24
Total Natural Rubber .....	21	-	24
<u>Synthetic Rubber</u>			
Buna-S .....	933	4,626	1,096
Butyl .....	1,257	1,554	1,226
Neoprene .....	22	-	39
All Other .....	436	599	158
Total Synthetic Rubber .....	2,648	6,779	2,519
<u>Reclaim Rubber</u>			
Dispersions .....	12	33	28
Other than Dispersions .....	148	345	103
Total Reclaim Rubber .....	160	378	131
GRAND TOTAL .....	2,829	7,157	2,674

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

Type of Rubber	Inventory Jan. 1, 1953	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports etc.)	Inventory Jan. 31, 1953
<u>Natural Rubber</u>					
Crude Rubber .....	3,358	3,075	2,727	-	3,706
Natural Latex .....	167	221	215	16	157
Total Natural Rubber	3,525	3,296	2,942	16	3,863
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,502	2,337	2,391	4	1,444
Buna-S, Latex .....	56	148	81	-	123
Buna-N .....	21	13	11	-	23
Butyl .....	290	437	424	-	303
Neoprene .....	182	135	139	2	176
All Other .....	44	76	65	7	48
Total Synthetic Rubber .....	2,095	3,146	3,111	13	2,117
<u>Reclaim Rubber</u>					
Dispersions .....	59	58	33	-	84
Other than Dispersion .....	1,402	1,055	1,184	-	1,273
Total Reclaim Rubber .....	1,461	1,113	1,217	-	1,357
GRAND TOTAL .....	7,081	7,555	7,270	29	7,337



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, December 1952.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,347,765	4,540,869	1,502,356	10,390,990
2. Wire and cable .....	65,447	357,564	10,108	433,119
3. Footwear (including heels, soles, etc.) .....	554,092	834,751	203,287	1,592,130
4. Other products .....	1,423,350	1,148,888	1,007,590	3,579,828
TOTAL .....	6,390,654	6,882,072	2,723,341	15,996,067

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.

Year	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 January 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, January 1952 to January 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, January 1953.

End Products	Natural Rubber (excluding Latex) pounds	Latex pounds	Total Natural pounds
1. Tires, tubes and tire repair materials .....	4,426,306	18,151	4,444,457
2. Wire and cable .....	79,904	-	79,904
3. Footwear (including heels, soles, etc.) .....	622,041	4,421	626,462
4. Other products .....	979,611	459,165	1,438,776
<b>TOTAL .....</b>	<b>6,107,862</b>	<b>481,737</b>	<b>6,589,599</b>

Table 6 - Consumption on Natural Rubber in Total, by End Products, January  
1952 to January 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 - January .....	6,579	44.6	4,809	67	610	1,093
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

# CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

## Section C. Synthetic Rubber

The January 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, January 1953.

	<u>Buna-S</u>		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	<u>Solid</u>	<u>Latex</u>					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials....	3,731,663	97,461	166	839,025	4,329	283	4,672,927
2. Wire and cable .....	197,319	-	-	9,540	178,339	-	385,198
3. Footwear (including heels, soles, etc.).	665,524	214	-	179	10,861	120,123	796,901
4. Other Products	761,674	83,242	23,620	101,333	118,188	25,154	1,113,211
TOTAL .....	5,356,180	180,917	23,786	950,077	311,717	145,560	6,968,237

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, January 1952 to January 1953, Showing also Percentages of Synthetic to all Rubber Consumed.

Year and Month	<u>Synthetic Rubber</u>		<u>Used in the Manufacture of</u>			
	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
1952 - January ...	5,662	38.3	3,855	398	564	845
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



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1952 - January .....	4,579,671	707,855	308,222	66,506	5,662,254
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	4,498,089
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

Section D. Reclaim Rubber

Table 10 give the consumption of Reclaim in total only, by end product classification, January 1952 to January 1953. Of the 2,725,755 pounds consumed in January 1953, 73,113 pounds were consumed in the form of dispersions and 2,652,642 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, January 1952 to January 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 - January .....	2,522	17.1	1,455	13	192	862
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

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