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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

APRIL, 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 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 April, 1953 as compared with March, 1953 shows a decrease in natural of 381,259 pounds, a decrease in synthetic of 19,522 pounds, and a decrease in reclaim of 155,824 pounds, the total decrease being 556,605 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, decreased by 258,337 pounds, consumption in rubber footwear decreased by 93,310 pounds, in wire and cable increased by 44,015 pounds and in other products decreased by 248,973 pounds, making the total decrease of 556,605 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 to April 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
March ...	3,991	4,899	1,397	7,276	407	3,260	3,408	1,347
April ...	3,504	3,537	1,639	5,894	381	3,090	3,400	1,276

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory April 1, 1953	Production	Inventory April 30, 1953
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	25	-	30
Total Natural Rubber ...	25	-	30
<u>Synthetic Rubber</u>			
Buna-S .....	934	4,688	782
Butyl .....	1,500	508	623
Neoprene .....	31	-	24
All Other .....	394	698	168
Total Synthetic Rubber ..	2,859	5,894	1,597
<u>Reclaim Rubber</u>			
Dispersions .....	23	50	48
Other than Dispersions ...	144	331	68
Total Reclaim Rubber ....	167	381	116
GRAND TOTAL .....	3,051	6,275	1,743

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

Type of Rubber	Inventory Apr. 1, 1953	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports etc.)	Inventory Apr. 30, 1953
<u>Natural Rubber</u>					
Crude Rubber .....	3,725	2,355	2,799	-	3,281
Natural Latex .....	241	250	291	7	193
Total Natural Rubber ...	3,966	2,605	3,090	7	3,474
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,390	2,528	2,628	-	1,290
Buna-S, Latex .....	78	128	103	11	92
Buna-N .....	26	15	14	-	27
Butyl .....	283	420	426	-	277
Neoprene .....	221	165	167	3	216
All Other .....	42	65	62	7	38
Total Synthetic Rubber ..	2,040	3,321	3,400	21	1,940
<u>Reclaim Rubber</u>					
Dispersions .....	57	60	39	-	78
Other than Dispersion ...	1,173	1,509	1,237	-	1,445
Total Reclaim Rubber ...	1,230	1,569	1,276	-	1,523
GRAND TOTAL .....	7,236	7,495	7,766	28	6,937



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, April, 1953.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,417,034	5,055,526	1,531,224	11,003,784
2. Wire and cable .....	80,790	446,967	16,451	544,208
3. Footwear (including heels, soles, etc.) .....	744,769	861,840	172,680	1,779,289
4. Other products .....	1,677,953	1,250,051	1,139,548	4,067,552
TOTAL .....	6,920,546	7,614,384	2,859,903	17,394,833

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,504,456	5,050,183	1,707,482	11,262,121
2. Wire and cable .....	94,684	391,388	14,121	500,193
3. Footwear (including heels, soles, etc.) .....	798,003	895,483	179,113	1,872,599
4. Other products .....	1,904,662	1,296,852	1,115,011	4,316,525
TOTAL .....	7,301,805	7,633,906	3,015,727	17,951,438

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 April 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, April 1952 to April 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, April 1953.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,403,898	13,136	4,417,034
2. Wire and cable .....	80,790	-	80,790
3. Footwear (including heels, soles, etc.) .....	739,063	5,706	744,769
4. Other products .....	1,045,760	632,193	1,677,953
TOTAL .....	6,269,511	651,035	6,920,546

Table 6 - Consumption of Natural Rubber in Total, by End Products, April 1952 to April 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 - 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
March .....	7,302	40.7	4,504	95	798	1,905
April .....	6,921	39.8	4,417	81	745	1,678

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Section C. Synthetic Rubber

The April 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, April 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 .....	4,003,629	194,966	312	846,954	9,665	-	5,055,526
2. Wire and cable .....	218,158	-	-	8,465	220,344	-	446,967
3. Footwear (in- cluding heels, soles, etc.) ...	747,403	-	1,537	379	5,296	107,225	861,840
4. Other Products	916,502	36,108	29,546	98,220	138,751	30,924	1,250,051
TOTAL .....	5,885,692	231,074	31,395	954,018	374,056	138,149	7,614,384

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products,  
April 1952 to April 1953, Showing also Percentages of Syn-  
thetic 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 Pro- ducts
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
1952 - 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
March .....	7,633	42.5	5,050	391	895	1,297
April .....	7,614	43.8	5,055	447	862	1,250



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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1952 - 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
March .....	6,026,536	1,115,227	323,919	168,224	7,633,906
April .....	6,116,766	954,018	374,056	169,544	7,614,384

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification April 1952 to April 1953. Of the 2,859,903 pounds consumed in April 1953, 88,264 pounds were consumed in the form of dispersions and 2,771,639 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, April 1952 to April 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 - 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
March .....	3,015	16.8	1,707	14	179	1,115
April .....	2,860	16.4	1,531	16	173	1,140

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