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## CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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 1955 as compared with March 1955 shows a decrease in natural of 713,678 pounds, a decrease in synthetic of 809,070 pounds and a decrease in reclaim of 364,868 pounds, the total being a decrease of 1,887,616 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 1,008,821 pounds, consumption in rubber footwear decreased by 284,687 pounds, in wire and cable decreased by 45,710 pounds and in other products decreased by 548,398 pounds, making the total decrease of 1,887,616 pounds mentioned above.

Prepared in Textiles and Miscellaneous Products Section,  
Industry and Merchandising Division.

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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, 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 and Domestic Consumption Showing Monthly Averages, 1939-1954 and Actual Monthly Totals, January to April 1955.

Weights are given in long tons (2,240 pounds)

	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 .....	4,583	4,741	1,538	6,744	385	3,124	2,993	1,216
1954 .....	4,710	5,863	1,477	7,215	331	3,465	2,506	1,064
1955 - January .	3,444	5,267	1,583	8,124	309	3,511	2,615	1,062
February.	3,898	4,887	1,550	7,646	419	3,804	3,132	1,350
March ...	3,749	4,985	1,677	8,673	384	4,140	3,366	1,390
April ...	3,805	5,076	1,642	7,631	345	3,822	3,006	1,227

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, 1955	Production	Inventory April 30, 1955
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	31	-	32
Total Natural Rubber .....	31	-	32
<u>Synthetic Rubber</u>			
Buna-S .....	2,014	4,840	1,872
Butyl .....	595	1,811	603
Neoprene .....	24	-	13
All Other .....	348	980	199
Total Synthetic Rubber ....	2,981	7,631	2,687
<u>Reclaim Rubber</u>			
Dispersions .....	30	13	29
Other than Dispersions .....	67	332	106
Total Reclaim Rubber .....	97	345	135
GRAND TOTAL .....	3,109	7,976	2,854

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

Type of Rubber	Inventory April 1, 1955	Receipts (Imports, etc.)	Con sump- tion	Sales (Exports, etc.)	Inventory April 30, 1955
<u>Natural Rubber</u>					
Crude Rubber .....	3,441	3,544	3,522	5	3,458
Natural Latex .....	277	364	300	26	315
Total Natural Rubber ..	3,718	3,908	3,822	31	3,773
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,378	2,564	2,359	-	1,583
Buna-S, Latex .....	127	109	100	4	132
Buna-N .....	24	13	13	-	24
Butyl .....	228	387	287	-	328
Neoprene .....	192	271	195	-	268
All Other .....	55	69	52	18	54
Total Synthetic Rubber.	2,004	3,413	3,006	22	2,389
<u>Reclaim Rubber</u>					
Dispersions .....	38	19	11	-	46
Other than Dispersions ..	1,542	1,135	1,216	-	1,461
Total Reclaim .....	1,580	1,154	1,227	-	1,507
GRAND TOTAL .....	7,302	8,475	8,055	53	7,669

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. Summary Data (Concluded)

Table 3(a) - Consumption of all Rubber, by Types and by End Products  
Classification, March, 1955

	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	6,196,078	4,795,864	1,929,214	12,921,156
2. Wire and cable .....	73,420	443,432	8,588	525,440
3. Footwear (including heels, soles, etc.) .....	798,103	838,696	229,736	1,866,535
4. Other products .....	2,207,055	1,466,458	946,222	4,619,735
<b>TOTAL .....</b>	<b>9,274,656</b>	<b>7,544,450</b>	<b>3,113,760</b>	<b>19,932,866</b>

Table 3(b) - Consumption of all Rubber by Types and by End Products  
Classification, April 1955

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	5,824,538	4,347,138	1,740,659	11,912,335
2. Wire and cable .....	64,570	410,752	4,408	479,730
3. Footwear (including heels, soles, etc.) .....	781,221	594,112	206,515	1,581,848
4. Other products .....	1,890,649	1,383,378	797,310	4,071,337
<b>TOTAL .....</b>	<b>8,560,978</b>	<b>6,735,380</b>	<b>2,748,892</b>	<b>18,045,250</b>

Table 4 - Consumption of all Rubber in Total, by Types showing percentages of  
Each Type to all Rubber Consumed, 1939 to 1954

	Natural		Synthetic		Reclaim	
	pounds	%	pounds	%	pounds	%
1939 .....	70,828,800	80.4	-	-	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
1953 .....	83,955,609	42.6	80,447,628	40.8	32,701,851	16.6
1954 .....	93,129,151	49.3	67,379,304	35.6	28,603,823	15.1



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Section B. Natural Rubber

The April 1955 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 1954 to April 1955 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 Products Classification, April 1955.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	5,799,858	24,680	5,824,538
2. Wire and cable .....	64,570	-	64,570
3. Footwear (including heels, soles, etc.) .....	778,181	3,040	781,221
4. Other products .....	1,245,620	645,029	1,890,649
<b>TOTAL .....</b>	<b>7,888,229</b>	<b>672,749</b>	<b>8,560,978</b>

Table 6 - Consumption of Natural Rubber in Total, by End Products, April 1954 to April 1955, 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
1954 - April .....	7,437	46.0	5,013	83	640	1,701
May .....	7,805	46.8	5,498	60	604	1,643
June .....	8,291	48.3	5,871	44	726	1,650
July .....	6,301	50.0	4,696	36	402	1,167
August .....	6,271	51.8	4,181	38	899	1,153
September ..	8,584	52.9	5,938	65	814	1,767
October ....	8,103	54.2	5,559	64	851	1,629
November ...	8,848	52.8	6,034	67	871	1,876
December ...	8,621	53.4	5,899	61	695	1,966
1955 - January ....	7,865	48.8	5,421	50	721	1,673
February ...	8,521	45.9	5,685	40	744	2,052
March .....	9,275	46.5	6,196	74	798	2,207
April .....	8,561	47.5	5,824	65	781	1,891

# CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

## Section C. Synthetic Rubber

The April 1955 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 Products Classification, April 1955.

	<u>Buna-S</u>		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials .....	3,694,735	107,498	605	521,822	22,478	-	4,347,138
2. Wire & cable ...	186,087	-	-	15,085	207,080	2,500	410,752
3. Footwear (including heels, soles, etc.) ...	491,328	-	2,279	4,450	20,504	75,551	594,112
4. Other products .	913,335	117,573	25,443	101,636	186,081	39,310	1,383,378
TOTAL .....	5,285,485	225,071	28,327	642,993	436,143	117,361	6,735,380

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products April 1954 to April 1955, showing also Percentages of Synthetic to all Rubber Consumed.

	<u>Synthetic</u>		<u>Used in the Manufacture of</u>			
	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
1954 - April .....	5,941	36.7	3,835	348	647	1,111
May .....	6,088	36.5	4,079	323	636	1,050
June .....	6,179	36.0	4,053	348	735	1,043
July .....	4,357	34.5	3,091	145	432	689
August .....	4,421	36.6	2,572	383	617	849
September .....	5,459	33.6	3,441	353	660	1,005
October .....	4,786	32.0	2,866	386	599	935
November .....	5,720	34.1	3,456	442	688	1,134
December .....	5,349	33.1	3,138	358	713	1,140
1955 - January .....	5,861	36.4	3,568	355	731	1,207
February .....	7,018	37.8	4,586	376	827	1,229
March .....	7,544	37.9	4,796	443	839	1,466
April .....	6,735	37.3	4,347	411	594	1,383

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, April 1954 to April 1955

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954 - April .....	4,537,600	872,621	368,781	162,287	5,941,289
May .....	4,791,801	842,834	311,407	141,591	6,087,633
June .....	4,686,088	960,393	369,743	163,138	6,179,362
July .....	3,453,247	563,062	222,504	118,062	4,356,875
August .....	3,493,064	465,466	352,857	109,406	4,420,793
September .....	4,370,322	574,109	381,614	133,365	5,459,410
October .....	3,856,414	468,294	339,760	121,658	4,786,126
November .....	4,657,800	502,454	431,558	127,803	5,719,615
December .....	4,327,112	439,009	430,152	152,557	5,348,830
1955 - January .....	4,829,792	514,297	366,435	150,515	5,861,039
February .....	5,852,577	610,502	388,316	166,321	7,017,716
March .....	6,064,508	809,558	452,005	218,379	7,544,450
April .....	5,510,556	642,993	436,143	145,688	6,735,380

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification April 1954 to April 1955. Of the 2,748,892 pounds consumed in April 1955, 24,410 pounds were consumed in the form of dispersions and 2,724,482 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 10 - Consumption of Reclaim Rubber in Total by End Products April 1954 to April 1955, showing also Percentage 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
1954 - April .....	2,807	17.3	1,723	7	171	906
May .....	2,777	16.7	1,725	6	156	891
June .....	2,690	15.7	1,773	4	165	748
July .....	1,951	15.5	1,395	2	103	451
August .....	1,404	11.6	791	2	209	402
September .....	2,199	13.5	1,399	5	189	606
October .....	2,066	13.8	1,306	7	181	572
November .....	2,204	13.1	1,236	5	236	727
December .....	2,171	13.5	1,193	6	225	747
1955 - January .....	2,378	14.8	1,502	8	186	682
February .....	3,025	16.3	1,984	6	182	853
March .....	3,114	15.6	1,929	9	230	946
April .....	2,749	15.2	1,741	4	207	797

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