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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 1954 as compared with March 1954 shows a decrease in natural of 710,913 pounds, a decrease in synthetic of 512,468 pounds and a decrease in reclaim of 219,853 pounds, the total decrease being 1,443,234 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 443,483 pounds, consumption in rubber footwear decreased by 104,095 pounds, in wire and cable decreased by 115,123 pounds and in other products decreased by 780,533 pounds, making the total decrease of 1,443,234 pounds mentioned above.

Prepared in Textiles and Miscellaneous Products 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, 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, 1939-1953, and Actual Monthly Totals, January to April 1954.

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 - January .	5,220	6,235	1,745	7,287	360	3,068	2,574	1,117
February .	5,388	5,785	1,647	6,739	383	3,503	3,060	1,251
March ...	4,875	5,818	1,483	7,382	368	3,637	2,880	1,351
April ...	5,162	5,161	1,375	7,100	336	3,320	2,651	1,253

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, 1954	Production	Inventory April 30, 1954
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	50	-	49
Total Natural Rubber	50	-	49
<u>Synthetic Rubber</u>			
Buna-S	1,954	4,822	1,948
Butyl	832	1,334	363
Neoprene	19	-	19
All Other	788	944	791
Total Synthetic Rubber ...	3,593	7,100	3,121
<u>Reclaim Rubber</u>			
Dispersions	28	19	34
Other than Dispersions	186	317	167
Total Reclaim Rubber	214	336	201
GRAND TOTAL	3,857	7,436	3,371

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

Type of Rubber	Inventory April 1, 1954	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory April 30, 1954
<u>Natural Rubber</u>					
Crude Rubber	4,515	3,348	3,099	-	4,804
Natural Latex	310	268	261	8	309
Total Natural Rubber	4,825	3,616	3,320	8	5,113
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,466	1,825	1,941	2	1,348
Buna-S, Latex	116	104	84	20	116
Buna-N	23	13	13	1	22
Butyl	291	329	389	-	231
Neoprene	275	155	165	4	261
All Other	54	79	59	12	62
Total Synthetic Rubber ...	2,225	2,505	2,651	39	2,040
<u>Reclaim Rubber</u>					
Dispersions	57	17	34	-	40
Other than Dispersions	1,212	1,142	1,219	1	1,134
Total Reclaim Rubber	1,269	1,159	1,253	1	1,174
GRAND TOTAL	8,319	7,280	7,224	48	8,327

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, March, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,230,048	4,015,317	1,769,164	11,014,529
2. Wire and cable	73,236	476,532	3,710	553,478
3. Footwear (including heels, soles, etc.)	713,324	655,190	194,078	1,562,592
4. Other products	2,131,521	1,306,718	1,059,964	4,498,203
TOTAL	8,148,129	6,453,757	3,026,916	17,628,802

Table 3 (b) - Consumption of all Rubber, by Types and By End Product Classification, April, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,013,054	3,834,980	1,723,012	10,571,046
2. Wire and cable	83,422	348,253	6,680	438,355
3. Footwear (including heels, soles, etc.)	640,065	647,254	171,178	1,458,497
4. Other products	1,700,675	1,110,802	906,193	3,717,670
TOTAL	7,437,216	5,941,289	2,807,063	16,185,568

Table 4 - Consumption of all Rubber in Total, by Types, showing Percentages of Each Type to all Rubber Consumed, 1939 to 1953

	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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The April 1954 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 1953 to April 1954 are shown in Table 6. For summary data on Natural and other rubber stocks, domestic production and domestic consumption, expressed on long tons, see Table 1.

Table 5 - Consumption of Natural Rubber, by Types and by End Product Classification, April 1954.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,996,113	16,941	5,013,054
2. Wire and cable	83,422	-	83,422
3. Footwear (including heels, soles, etc.)	636,661	3,404	640,065
4. Other products	1,136,980	563,695	1,700,675
TOTAL	6,853,176	584,040	7,437,216

Table 6 - Consumption of Natural Rubber in Total, by End Products, April 1953 to April 1954, 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
1953 - April	6,921	39.8	4,417	81	745	1,678
May	6,945	41.3	4,463	68	727	1,687
June	7,204	40.3	4,694	74	716	1,720
July	6,070	41.3	4,236	41	537	1,256
August	5,489	43.9	3,327	58	822	1,282
September ..	7,249	45.3	4,592	86	843	1,728
October	7,574	46.4	5,186	86	877	1,425
November ...	7,658	46.0	5,249	72	649	1,688
December ...	7,608	45.6	5,409	61	360	1,778
1954 - January	6,872	45.4	4,731	51	475	1,615
February ...	7,847	44.8	5,127	67	683	1,970
March	8,148	46.2	5,230	73	713	2,132
April	7,437	46.0	5,013	83	640	1,701

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The April 1954 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 1954.

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials	2,958,866	99,189	252	760,873	15,800	-	3,834,980
2. Wire & Cable	158,849	-	-	14,064	175,340	-	348,253
3. Footwear (including heels, soles, etc.)	534,371	-	120	-	10,213	102,550	647,254
4. Other Products ...	696,592	89,733	29,531	97,684	167,428	29,834	1,110,802
TOTAL	4,348,678	188,922	29,903	872,621	368,781	132,384	5,941,289

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, April 1953 to April 1954, 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	Footwear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1953 - April	7,614	43.8	5,055	447	862	1,250
May	7,124	42.4	4,918	356	669	1,181
June	7,716	43.2	5,247	425	792	1,252
July	6,264	42.5	4,481	166	670	947
August	5,026	40.1	2,888	491	647	1,000
September .	5,976	37.3	3,888	423	629	1,036
October ...	6,082	37.2	3,966	383	651	1,082
November ..	6,311	38.0	4,169	482	584	1,076
December ..	6,115	36.6	3,968	434	601	1,112
1954 - January ...	5,768	38.1	3,797	417	608	946
February ..	6,857	39.2	4,430	440	806	1,181
March	6,454	36.6	4,015	477	655	1,307
April	5,941	36.7	3,835	348	647	1,111

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, April 1953 to April 1954.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
1953 - April	6,116,766	954,018	374,056	169,544	7,614,384
May	5,670,984	949,100	359,394	144,432	7,123,910
June	6,228,278	957,342	365,846	165,183	7,716,649
July	5,165,202	755,811	202,335	140,188	6,263,536
August	3,923,915	558,862	424,353	118,340	5,025,470
September	4,793,468	685,966	380,789	116,233	5,976,456
October	4,886,123	671,616	393,033	130,751	6,081,523
November	5,033,705	751,808	394,419	131,513	6,311,445
December	4,714,911	841,576	400,504	158,351	6,115,342
1954 - January	4,273,646	947,855	406,959	139,514	5,767,974
February	5,256,320	977,620	455,747	167,953	6,857,640
March	4,913,936	874,564	481,195	184,062	6,453,757
April	4,537,600	872,621	368,781	162,287	5,941,289

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification April 1953 to April 1954. Of the 2,807,063 pounds consumed in April 1954, 75,859 pounds were consumed in the form of dispersions and 2,731,204 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 1953 to April 1954, showing also Percentages 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
1953 - April	2,860	16.4	1,531	16	173	1,140
May	2,745	16.3	1,561	8	149	1,027
June	2,953	16.5	1,722	12	176	1,043
July	2,380	16.2	1,523	-	108	749
August	2,007	16.0	1,005	9	187	806
September	2,790	17.4	1,586	7	161	1,036
October	2,683	16.4	1,614	10	206	853
November	2,636	16.0	1,678	7	136	815
December	2,964	17.8	1,776	9	136	1,043
1954 - January	2,502	16.5	1,466	10	110	916
February	2,803	16.0	1,634	14	163	992
March	3,027	17.2	1,769	4	194	1,060
April	2,807	17.3	1,723	7	171	906

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