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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 August 1954 as compared with July 1954 shows a decrease in natural of 29,473 pounds, an increase in synthetic of 63,918 pounds and a decrease in reclaim of 546,090 pounds, the total decrease being 511,645 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 1,637,983 pounds, consumption in rubber footwear increased by 787,973 pounds, in wire and cable increased by 240,609 pounds and in other products increased by 97,756 pounds, making the total decrease of 511,645 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, 1939-1953, and Actual Monthly Totals, January to August 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
	May	5,043	6,041	1,422	7,331	353	3,484	2,717	1,240
	June	5,210	5,987	1,504	5,868	346	3,701	2,757	1,200
	July	4,951	5,905	1,355	5,846	237	2,813	1,945	871
	August ..	5,203	6,409	1,397	7,334	266	2,799	1,973	627

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 August 1, 1954	Production	Inventory August 31, 1954
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	117	-	70
Total Natural Rubber ...	117	-	70
<u>Synthetic Rubber</u>			
Buna-S	2,382	5,153	2,441
Butyl	67	1,199	272
Neoprene	31	-	25
All Other	1,015	982	1,314
Total Synthetic Rubber .	3,495	7,334	4,052
<u>Reclaim Rubber</u>			
Dispersions	24	18	22
Other than Dispersions ...	35	248	57
Total Reclaim Rubber ...	59	266	79
GRAND TOTAL	3,671	7,600	4,201

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

Type of Rubber	Inventory August 1, 1954	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory August 31, 1954
<u>Natural Rubber</u>					
Crude Rubber	4,531	2,946	2,643	-	4,834
Natural Latex	303	160	156	8	299
Total Natural Rubber.	4,834	3,106	2,799	8	5,133
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,511	1,561	1,493	-	1,579
Buna-S, Latex	125	65	66	1	123
Buna-N	19	13	11	-	21
Butyl	423	160	208	-	375
Neoprene	269	105	157	1	216
All Other	63	27	38	9	43
Total Synthetic Rubber	2,410	1,931	1,973	11	2,357
<u>Reclaim Rubber</u>					
Dispersions	67	9	25	-	51
Other than Dispersions.	1,229	640	602	-	1,267
Total Reclaim Rubber	1,296	649	627	-	1,318
GRAND TOTAL	8,540	5,686	5,399	19	8,808

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, July, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,696,240	3,090,880	1,395,361	9,182,481
2. Wire and cable	36,026	144,597	1,800	182,423
3. Footwear (including heels, soles, etc.)	401,994	432,470	102,555	937,019
4. Other products	1,166,570	688,928	450,827	2,306,325
TOTAL	6,300,830	4,356,875	1,950,453	12,608,248

Table 3(b) - Consumption of all Rubber by Types and by End Products
Classification, August, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,181,473	2,571,645	791,380	7,544,498
2. Wire and cable	38,017	383,185	1,830	423,032
3. Footwear (including heels, soles, etc.)	898,619	616,752	209,621	1,724,992
4. Other products	1,153,248	849,211	401,622	2,404,081
TOTAL	6,271,357	4,420,793	1,404,453	12,096,603

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 August 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, August 1953 to August 1954 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, August, 1954.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,171,522	9,951	4,181,473
2. Wire and cable	38,017	-	38,017
3. Footwear (including heels, soles, etc.)	897,053	1,566	898,619
4. Other products	815,224	338,024	1,153,248
TOTAL	5,921,816	349,541	6,271,357

Table 6 - Consumption of Natural Rubber in Total, by End Products, August 1953 to August 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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The August 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 Products Classification, August, 1954

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & repair materials	2,061,755	76,304	237	423,816	9,533	-	2,571,645
2. Wire & Cable ..	142,972	-	-	21,543	218,670	-	383,185
3. Footwear (including heels, soles etc.) ..	534,257	3,351	-	50	16,391	62,703	616,752
4. Other products.	606,126	68,299	23,595	20,057	108,263	22,871	849,211
TOTAL	3,345,110	147,954	23,832	465,466	352,857	85,574	4,420,793

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, August 1953 to August 1954, showing also Percentages of Synthetic to all Rubber Consumed.

	Synthetic		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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1953 - 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
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification August 1953 to August 1954. On the 1,404,453 pounds consumed in August 1954, 57,027 pounds were consumed in the form of dispersions and 1,347,426 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 August, 1953 to August 1954, 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
1953 - 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
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

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