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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 October 1954 as compared with September 1954 shows a decrease in natural of 480,508 pounds, a decrease in synthetic of 673,284 pounds and a decrease in reclaim of 132,948 pounds, the total decrease being 1,286,740 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 1,046,327 pounds, consumption in rubber footwear decreased by 33,383 pounds, in wire and cable increased by 33,837 pounds and in other products decreased by 240,867 pounds, making the total decrease of 1,286,740 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 October 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
September	4,495	6,172	1,406	7,896	279	3,832	2,436	982
October .	4,044	6,485	1,327	7,961	306	3,618	2,138	922

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 October 1, 1954	Production	Inventory October 31, 1954
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	23	-	36
Total Natural Rubber ...	23	-	36
<u>Synthetic Rubber</u>			
Buna-S	2,084	5,471	2,606
Butyl	295	1,787	255
Neoprene	21	-	20
All Other	1,595	703	1,378
Total Synthetic Rubber .	3,995	7,961	4,259
<u>Reclaim Rubber</u>			
Dispersions	27	11	19
Other than Dispersions ...	63	295	88
Total Reclaim Rubber ...	90	306	107
GRAND TOTAL	4,108	8,267	4,402

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

Type of Rubber	Inventory Oct. 1, 1954	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Oct. 31, 1954
<u>Natural Rubber</u>					
Crude Rubber	4,164	2,904	3,347	14	3,707
Natural Latex	308	267	271	3	301
Total Natural Rubber ...	4,472	3,171	3,618	17	4,008
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,479	1,714	1,653	-	1,540
Buna-S, Latex	88	79	69	1	97
Buna-N	18	25	15	-	28
Butyl	294	168	209	-	253
Neoprene	251	154	152	-	253
All Other	47	66	40	18	55
Total Synthetic Rubber .	2,177	2,206	2,138	19	2,226
<u>Reclaim Rubber</u>					
Dispersions	56	24	20	-	60
Other than Dispersions ...	1,260	802	902	-	1,160
Total Reclaim	1,316	826	922	-	1,220
GRAND TOTAL	7,965	6,203	6,678	36	7,454

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, September, 1954

	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,937,565	3,440,866	1,399,116	10,777,547
2. Wire and cable	65,323	352,995	5,000	423,318
3. Footwear (including heels, soles, etc.)	813,880	660,398	189,264	1,663,542
4. Other products	1,767,186	1,005,151	605,656	3,377,993
TOTAL	8,583,954	5,459,410	2,199,036	16,242,400

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,558,625	2,866,315	1,306,280	9,731,220
2. Wire and cable	64,265	386,090	6,800	457,155
2. Footwear (including heels, soles, etc.)	851,038	598,465	180,656	1,630,159
4. Other products	1,629,518	935,256	572,352	3,137,126
TOTAL	8,103,446	4,786,126	2,066,088	14,955,660

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	30,505,600	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 October 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, October 1953 to October 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, October, 1954.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,539,810	18,815	5,558,625
2. Wire and cable	64,265	-	64,265
3. Footwear (including heels, soles, etc.)	849,705	1,333	851,038
4. Other products	1,042,754	586,764	1,629,518
TOTAL	7,496,534	606,912	8,103,446

Table 6 - Consumption of Natural Rubber in Total, by End Products, October 1953 to October 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 - 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
September	8,584	52.9	5,938	65	814	1,767
October	8,103	54.2	5,559	64	851	1,629

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The October 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, October, 1954.

	<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	2,445,484	53,623	-	349,310	17,898	-	2,866,315
2. Wire & Cable .	166,494	-	-	26,116	193,480	-	386,090
3. Footwear (including heels, soles, etc.) .	515,075	270	921	226	16,196	65,777	598,465
4. Other products	574,613	100,855	31,569	92,642	112,186	23,391	935,256
TOTAL	3,701,666	154,748	32,490	468,294	339,760	89,168	4,786,126

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, October 1953 to October 1954, 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	Footwear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1953 - 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
September ...	5,459	33.6	3,441	353	660	1,005
October	4,786	32.0	2,866	386	599	935

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end products classification October 1953 to October 1954. Of the 2,066,088 pounds consumed in October 1954, 45,470 pounds were consumed in the form of dispersions and 2,020,618 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 October, 1953 to October 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 - 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
September	2,199	13.5	1,399	5	189	606
October	2,066	13.8	1,306	7	181	572

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