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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 and (b) the total consumption of all types of rubber, natural, synthetic and reclaimed 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 Section, D.B.S.) over a period of months.

Consumption of rubber in July 1957 as compared with June 1957 shows a decrease in natural of 1,105,000 pounds, a decrease in synthetic of 1,584,000 pounds and a decrease in reclaimed of 598,000 pounds, the total being a decrease of 3,287,000 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 1,449,000 pounds, consumption in rubber footwear decreased by 575,000 pounds, in wire and cable decreased by 241,000 pounds, in foamed rubber decreased by 157,000 pounds and in other products decreased by 865,000 pounds making the total decrease of 3,287,000 pounds mentioned above.

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

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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 1 - Summary Statement of All Rubber Stocks, Domestic Production and Domestic Consumption Showing Monthly Averages, 1939-1956 and Actual Monthly Totals, July 1956 to July 1957. Weights are given in long tons (2,240 pounds).

Monthly Averages	Stocks, end of period			Domestic Production		Consumption		
	Natural	Syn- thetic	Re- claimed	Syn- thetic	Re- claimed	Natural	Syn- thetic	Re- claimed
(Long Tons)								
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 .....	4,375	6,231	1,569	8,658	386	3,693	3,350	1,252
1956 .....	4,631	7,536	1,732	10,058	394	3,588	4,034	1,387
1956 - July ....	4,003	7,977	1,760	8,727	423	3,125	3,706	1,267
August ..	4,218	8,153	1,816	10,186	242	3,081	3,294	1,074
September	4,115	8,456	1,696	10,705	420	3,765	3,879	1,256
October .	3,686	7,085	1,723	10,695	283	4,384	4,219	1,442
November.	4,013	5,846	1,680	10,313	386	4,289	4,309	1,452
December.	4,713	6,755	1,589	10,593	312	3,663	3,789	1,248
1957 - January .	4,535	6,716	1,581	11,073	315	3,854	4,388	1,477
February.	5,058	6,349	1,585	9,770	384	3,789	4,206	1,415
March ...	4,603	7,492	1,481	11,074	404	3,632	4,251	1,520
April ...	4,021	6,974	1,420	10,960	366	3,397	4,199	1,457
May.....	4,551	6,964	1,484	11,512	404	3,663	4,656	1,650
June ....	4,896	8,056	1,494	11,295	477	3,452	4,176	1,431
July ....	4,284	7,183	1,457	10,138	411	2,958	3,468	1,164

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 2(a) - NEW SUPPLY. Statement of Manufacturers Producing Rubber.  
(Weight in Long Tons)

Type of Rubber	Inventory July 1, 1957	Production	Inventory July 31, 1957
<u>Natural Rubber</u>			
Solid .....	-	-	-
Latex .....	55	-	46
Total Natural Rubber .....	55	-	46
<u>Synthetic Rubber</u>			
Buna-S .....	3,568	7,411	3,150
Butyl .....	635	1,161	434
Neoprene .....	34	-	38
All Other .....	485	1,566	292
Total Synthetic Rubber .....	4,722	10,138	3,914
<u>Reclaimed Rubber</u>			
Solid .....	97	359	35
Latex .....	18	52	26
Total Reclaimed Rubber .....	115	411	61
 TOTAL ALL RUBBER .....	 4,892	 10,549	 4,021

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

Type of Rubber	Inventory July 1, 1957	Receipts (Imports etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory July 31, 1957
<u>Natural Rubber</u>					
Solid .....	4,562	2,230	2,761	15	4,016
Latex .....	279	144	197	4	222
Total Natural Rubber .....	4,841	2,374	2,958	19	4,238
<u>Synthetic Rubber</u>					
Buna-S, solid .....	2,390	2,810	2,872	-	2,328
Buna-S, latex .....	222	115	132	5	200
Buna-N .....	95	28	25	9	89
Butyl .....	267	252	271	-	248
Neoprene .....	347	208	161	3	391
All Other .....	13	7	7	-	13
Total Synthetic Rubber .....	3,334	3,420	3,468	17	3,269
<u>Reclaimed Rubber</u>					
Solid .....	1,315	1,159	1,153	-	1,321
Latex .....	64	22	11	-	75
Total Reclaimed Rubber .....	1,379	1,181	1,164	-	1,396
 TOTAL ALL RUBBER .....	 9,554	 6,975	 7,590	 36	 8,903



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3(a) - Consumption of all Types of Rubber, by End Products, July 1957.

Type of Rubber	Total Consumption	Consumed in the Manufacture of:-				
		Tires and Tubes	Wire and Cable	Footwear	Foamed Rubber	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
<b>Natural Rubber -</b>						
Solid .....	6,185	4,798	43	339	-	1,005
Latex .....	441	6	-	2	364	69
Total Natural	6,626	4,804	43	341	364	1,074
<b>Synthetic Rubber -</b>						
Buna-S, solid ...	6,434	5,158	118	535	-	623
Buna-S, latex ...	295	77	-	-	196	22
Buna-N .....	57	2	-	12	-	43
Butyl .....	606	517	14	7	-	68
Neoprene .....	360	18	169	14	-	159
Other .....	16	10	-	-	-	6
Total Synthetic	7,768	5,782	301	568	196	921
<b>Reclaimed Rubber -</b>						
Solid .....	2,584	1,836	-	154	-	594
Latex .....	24	-	-	16	-	8
Total Reclaimed	2,608	1,836	-	170	-	602
<b>GRAND TOTAL</b>	<b>17,002</b>	<b>12,422</b>	<b>344</b>	<b>1,079</b>	<b>560</b>	<b>2,597</b>

Table 3(b) - Consumption of all Types of Rubber, by End Products, June 1957.

Type of Rubber	Total Consumption	Consumed in the Manufacture of:-				
		Tires and Tubes	Wire and Cable	Footwear	Foamed Rubber	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
<b>Natural Rubber -</b>						
Solid .....	7,154	5,179	64	604	-	1,307
Latex .....	577	12	-	4	482	79
Total Natural	7,731	5,191	64	608	482	1,386
<b>Synthetic Rubber -</b>						
Buna-S, solid ...	7,484	5,564	212	810	-	898
Buna-S, latex ...	356	92	-	-	235	29
Buna-N .....	69	3	-	17	-	49
Butyl .....	873	707	22	14	-	130
Neoprene .....	557	24	287	14	-	232
Other .....	13	5	-	-	-	8
Total Synthetic	9,352	6,395	521	855	235	1,346
<b>Reclaimed Rubber -</b>						
Solid .....	3,161	2,282	-	162	-	717
Latex .....	45	3	-	29	-	13
Total Reclaimed	3,206	2,285	-	191	-	730
<b>GRAND TOTAL</b>	<b>20,289</b>	<b>13,871</b>	<b>585</b>	<b>1,654</b>	<b>717</b>	<b>3,462</b>

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, July 1956 to July 1957, showing also percentage of Natural to all Rubber Consumed.

	Natural		Consumed 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
1956 - July .....	7,000	38.6	5,200	33	427	1,340
August .....	6,903	41.4	4,299	66	895	1,643
September ...	8,433	42.3	5,779	86	677	1,891
October .....	9,821	43.6	7,037	99	854	1,831
November ....	9,608	42.7	6,801	113	804	1,890
December ....	8,206	42.0	5,757	57	567	1,825
1957 - January .....	8,635	39.7	5,938	98	678	1,921
February ....	8,486	40.3	5,876	88	645	1,877
March .....	8,135	38.6	5,518	62	665	1,890
April .....	7,609	37.5	5,169	38	527	1,875
May .....	8,205	36.7	5,398	79	679	2,049
June .....	7,731	38.1	5,191	64	608	1,868
July .....	6,626	39.0	4,804	43	341	1,438

Table 5 - Consumption of Synthetic Rubber in Total by End Products, July 1956 to July 1957, showing also percentage of Synthetic to all Rubber Consumed.

	Synthetic		Consumed 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
1956 - July .....	8,300	45.8	6,234	370	537	1,159
August .....	7,376	44.2	4,563	667	827	1,319
September ...	8,692	43.6	5,870	667	682	1,473
October .....	9,450	42.0	6,112	688	901	1,749
November ....	9,653	42.9	6,187	863	869	1,734
December ....	8,488	43.5	5,516	522	872	1,578
1957 - January .....	9,830	45.1	6,239	711	1,013	1,867
February ....	9,421	44.7	6,207	569	868	1,777
March .....	9,522	45.2	6,351	592	876	1,703
April .....	9,404	46.4	6,234	568	880	1,722
May .....	10,429	46.7	7,139	599	898	1,793
June .....	9,352	46.1	6,395	521	855	1,581
July .....	7,768	45.7	5,782	301	568	1,117

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products July 1956 to July 1957, showing also Percentage of Reclaimed to all Rubber Consumed.

	Reclaimed		Consumed 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
1956 - July .....	2,839	15.6	1,993	2	175	669
August .....	2,407	14.4	1,492	1	336	578
September ...	2,814	14.1	1,859	1	263	691
October .....	3,230	14.4	2,141	4	276	809
November ....	3,252	14.4	2,129	3	299	821
December ....	2,796	14.4	1,745	-	232	819
1957 - January .....	3,309	15.2	2,216	1	253	839
February ....	3,170	15.0	2,139	1	244	786
March .....	3,405	16.2	2,364	1	217	823
April .....	3,264	16.1	2,173	-	222	869
May .....	3,696	16.6	2,598	2	239	857
June .....	3,206	15.8	2,285	-	191	730
July .....	2,608	15.3	1,836	-	170	602

Table 7 - Consumption of Synthetic Rubber, by Types, July 1956 to July 1957.

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1956 - July .....	6,760,342	296,468	671,411	371,241	19,333	181,177	8,299,972
August .....	5,805,168	280,084	479,646	628,957	33,090	149,510	7,376,455
September ...	6,949,191	311,174	681,193	563,496	26,765	160,154	8,691,973
October .....	7,469,917	387,417	701,861	653,514	38,671	198,477	9,449,857
November ....	7,580,210	390,573	740,285	704,789	37,519	199,282	9,652,658
December ....	6,726,709	393,765	631,951	516,224	39,879	179,368	8,487,896
1957 - January .....	7,874,412	470,138	765,576	637,290	66,597	16,818	9,830,831
February ....	7,484,788	470,996	778,980	597,926	72,193	17,143	9,422,026
March .....	7,573,095	455,725	788,689	611,328	74,156	19,403	9,522,396
April .....	7,435,896	413,554	865,059	612,707	60,939	14,890	9,403,045
May .....	8,360,840	419,543	881,580	661,935	87,246	18,371	10,429,515
June .....	7,483,638	355,608	873,219	557,055	68,837	13,442	9,351,799
July .....	6,434,256	294,924	606,254	359,875	56,608	16,227	7,768,144



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 8 - Consumption of all Rubber in Total, by Types, showing percentages of Each Type to all Rubber Consumed, 1939 to 1956

	Natural		Synthetic		Reclaimed	
	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
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
1955 .....	99,281,626	44.5	90,062,434	40.4	33,666,387	15.1
1956 .....	96,433,000	39.8	108,435,000	44.8	37,283,000	15.4

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