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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 June 1957 as compared with May 1957 shows a decrease in natural of 474,000 pounds, a decrease in synthetic of 1,077,000 pounds and a decrease in reclaimed of 490,000 pounds, the total being a decrease of 2,041,000 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 1,264,000 pounds, consumption in rubber footwear decreased by 162,000 pounds, in wire and cable decreased by 95,000 pounds, in foamed rubber decreased by 19,000 pounds and in other products decreased by 501,000 pounds making the total decrease of 2,041,000 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, June 1956 to June 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 - June	4,395	8,788	1,715	10,382	456	3,619	4,039	1,499
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory June 1, 1957	Production	Inventory June 30, 1957
<u>Natural Rubber</u>			
Solid	-	-	-
Latex	45	-	55
Total Natural Rubber	45	-	55
<u>Synthetic Rubber</u>			
Buna-S	2,903	7,601	3,568
Butyl	472	2,190	635
Neoprene	31	-	34
All Other	424	1,504	485
Total Synthetic Rubber	3,830	11,295	4,722
<u>Reclaimed Rubber</u>			
Solid	97	416	97
Latex	25	61	18
Total Reclaimed Rubber	122	477	115
TOTAL ALL RUBBER	3,997	11,772	4,892

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

Type of Rubber	Inventory June 1, 1957	Receipts (Imports etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory June 30, 1957
<u>Natural Rubber</u>					
Solid	4,266	3,491	3,194	1	4,562
Latex	240	301	258	4	279
Total Natural Rubber	4,506	3,792	3,452	5	4,841
<u>Synthetic Rubber</u>					
Buna-S, solid	2,244	3,487	3,341	-	2,390
Buna-S, latex	209	181	159	9	222
Buna-N	77	65	31	16	95
Butyl	259	398	390	-	267
Neoprene	334	262	249	-	347
All Other	11	8	6	-	13
Total Synthetic Rubber	3,134	4,401	4,176	25	3,334
<u>Reclaimed Rubber</u>					
Solid	1,303	1,429	1,411	6	1,315
Latex	59	25	20	-	64
Total Reclaimed Rubber	1,362	1,454	1,431	6	1,379
TOTAL ALL RUBBER	9,002	9,647	9,059	36	9,554

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3(a) - Consumption of all Types of Rubber, by End Products, May 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
<u>Natural Rubber -</u>						
Solid	7,599	5,386	79	675	-	1,459
Latex	606	12	-	4	465	125
Total Natural	8,205	5,398	79	679	465	1,584
<u>Synthetic Rubber -</u>						
Buna-S, solid ...	8,361	6,321	202	853	-	985
Buna-S, latex ...	420	66	-	-	271	83
Buna-N	87	2	-	17	-	68
Butyl	881	714	40	8	-	119
Neoprene	662	25	357	20	-	260
Other	18	11	-	-	-	7
Total Synthetic	10,429	7,139	599	898	271	1,522
<u>Reclaimed Rubber -</u>						
Solid	3,647	2,594	2	204	-	847
Latex	49	4	-	35	-	10
Total Reclaimed	3,696	2,598	2	239	-	857
GRAND TOTAL	22,330	15,135	680	1,816	736	3,963

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
<u>Natural Rubber -</u>						
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
<u>Synthetic Rubber -</u>						
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
<u>Reclaimed Rubber -</u>						
Solid	3,161	2,282	-	162	-	717
Latex	45	3	-	29	-	13
Total Reclaimed	3,206	2,285	-	191	-	730
GRAND TOTAL	20,289	13,871	585	1,654	717	3,462

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, June 1956 to June 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 - June	8,107	39.5	5,391	83	698	1,935
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

Table 5 - Consumption of Synthetic Rubber in Total by End Products, June 1956 to June 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 - June	9,048	44.1	5,921	667	754	1,706
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products June 1956 to June 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 - June	3,358	16.4	2,052	3	258	1,045
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

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

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds	pounds					
1956 - June	7,056,754	330,418	782,178	643,142	41,123	194,394	9,048,009
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

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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