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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 February, 1957 as compared with January, 1957 shows a decrease in natural of 149,000 pounds, a decrease in synthetic of 409,000 pounds and a decrease in reclaimed of 139,000 pounds, the total being a decrease of 697,000 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 171,000 pounds, consumption in rubber footwear decreased by 187,000 pounds in wire and cable decreased by 152,000 pounds, in foamed rubber decreased by 26,000 pounds and in other products decreased by 161,000 pounds making the total decrease of 697,000 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, February 1956 to February 1957. Weights are given in long tons (2,240 pounds).

		Stocks, End of Period			Domestic Production		Consumption		
Monthly Averages		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	- February.	5,862	6,830	1,740	8,228	408	3,347	4,132	1,393
	March ...	5,809	7,163	1,766	10,331	500	3,296	4,071	1,478
	April ...	4,728	7,135	1,786	10,251	462	3,561	4,402	1,575
	May .....	4,411	8,006	1,790	10,554	435	3,628	4,528	1,620
	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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory Feb. 1, 1957	Production	Inventory Feb. 28, 1957
<u>Natural Rubber</u>			
Solid .....	-	-	-
Latex .....	49	-	52
Total Natural Rubber ...	49	-	52
<u>Synthetic Rubber</u>			
Buna-S .....	1,378	6,494	1,335
Butyl .....	733	1,755	265
Neoprene .....	41	-	29
All Other .....	1,314	1,521	1,077
Total Synthetic Rubber .	3,466	9,770	2,706
<u>Reclaimed Rubber</u>			
Solid .....	186	363	186
Latex .....	24	21	22
Total Reclaimed Rubber .	210	384	208
TOTAL ALL RUBBER .....	3,725	10,154	2,966

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

Type of Rubber	Inventory Feb. 1 1957	Receipts (Imports etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Feb. 28, 1957
<u>Natural Rubber</u>					
Solid .....	4,172	4,024	3,493	17	4,686
Latex .....	314	302	296	-	302
Total Natural Rubber ...	4,486	4,326	3,789	17	5,006
<u>Synthetic Rubber</u>					
Buna-S, solid* .....	2,388	3,719	3,341	1	2,765
Buna-S, latex .....	175	204	210	1	168
Buna-N .....	82	62	32	22	90
Butyl .....	254	371	348	-	277
Neoprene .....	338	260	267	1	330
All Other* .....	13	8	8	-	13
Total Synthetic Rubber .	3,250	4,624	4,206	25	3,643
<u>Reclaimed Rubber</u>					
Solid .....	1,305	1,421	1,397	28	1,301
Latex .....	66	28	18	-	76
Total Reclaimed Rubber .	1,371	1,449	1,415	28	1,377
TOTAL ALL RUBBER .....	9,107	10,399	9,410	70	10,026

\* Adjustments were made in these figures because some firms have been including types under "other synthetic" which should have been shown under buna-S.



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3(a) - Consumption of all Types of Rubber, by End Products, January 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 .....	7,948	5,927	98	675	-	1,248
Latex .....	687	11	-	3	568	105
Total Natural	8,635	5,938	98	678	568	1,353
<b>Synthetic Rubber -</b>						
Buna-S, solid .....	7,874	5,491	336	955	-	1,092
Buna-S, latex .....	470	108	-	-	328	34
Buna-N .....	67	5	-	12	-	50
Butyl .....	765	603	18	23	-	121
Neoprene .....	637	23	357	23	-	234
Other .....	17	9	-	-	-	8
Total Synthetic	9,830	6,239	711	1,013	328	1,539
<b>Reclaimed Rubber -</b>						
Solid .....	3,266	2,213	1	221	-	831
Latex .....	43	3	-	32	-	8
Total Reclaimed	3,309	2,216	1	253	-	839
<b>GRAND TOTAL</b>	<b>21,774</b>	<b>14,393</b>	<b>810</b>	<b>1,944</b>	<b>896</b>	<b>3,731</b>

Table 3(b) - Consumption of all Types of Rubber, by End Products, February 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 .....	7,824	5,860	88	640	-	1,236
Latex .....	662	16	-	5	547	94
Total Natural	8,486	5,876	88	645	547	1,330
<b>Synthetic Rubber -</b>						
Buna-S, solid .....	7,484	5,461	221	817	-	985
Buna-S, latex .....	471	100	-	-	323	48
Buna-N .....	72	4	-	12	-	56
Butyl .....	779	610	24	19	-	126
Neoprene .....	598	21	324	20	-	233
Other .....	17	11	-	-	-	6
Total Synthetic	9,421	6,207	569	868	323	1,454
<b>Reclaimed Rubber-</b>						
Solid .....	3,129	2,137	1	208	-	783
Latex .....	41	2	-	36	-	3
Total Reclaimed	3,170	2,139	1	244	-	786
<b>GRAND TOTAL</b>	<b>21,077</b>	<b>14,222</b>	<b>658</b>	<b>1,757</b>	<b>870</b>	<b>3,570</b>

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, February 1956 to February 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 - February ....	7,497	37.7	5,046	49	669	1,733
March .....	7,382	37.3	4,782	95	683	1,822
April .....	7,976	37.3	5,321	130	735	1,790
May .....	8,126	37.1	5,632	78	715	1,701
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

Table 5 - Consumption of Synthetic Rubber in Total by End Products, February 1956 to February 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 - February ....	9,257	46.6	6,133	597	981	1,546
March .....	9,120	46.0	6,014	557	757	1,792
April .....	9,861	46.2	6,644	580	821	1,816
May .....	10,144	46.3	6,899	636	875	1,734
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

# CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products February 1956 to February 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 - February .....	3,121	15.7	2,038	3	252	828
March .....	3,311	16.7	2,132	1	215	963
April .....	3,528	16.5	2,051	5	248	1,224
May .....	3,628	16.6	2,275	1	258	1,094
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

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

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1956 - February ..	7,524,276	278,461	732,015	532,057	33,648	156,879	9,257,336
March ....	7,342,598	315,439	694,922	556,842	35,562	174,918	9,120,281
April ....	7,838,506	336,387	881,925	578,229	24,602	201,578	9,861,227
May .....	8,161,162	321,431	882,478	577,581	31,811	169,782	10,144,245
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

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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