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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 October 1957 as compared with September 1957 shows an increase in natural of 598,000 pounds, an increase in synthetic of 823,000 pounds and an increase in reclaimed of 393,000 pounds, the total being an increase of 1,814,000 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 increased by 1,385,000 pounds, consumption in rubber footwear increased by 248,000 pounds, in wire and cable increased by 52,000 pounds, in foamed rubber decreased by 4,000 pounds and in other products increased by 133,000 pounds making the total increase of 1,814,000 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, October 1956 to October 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 - 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
August ..	4,812	7,364	1,519	11,032	312	2,441	2,811	855
September	4,616	7,367	1,554	10,888	488	3,426	3,705	1,205
October .	5,029	7,734	1,505	11,428	407	3,693	4,074	1,380

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory October 1, 1957	Production	Inventory October 31, 1957
<u>Natural Rubber</u>			
Solid	-	-	-
Latex	85	-	71
Total Natural Rubber	85	-	71
<u>Synthetic Rubber</u>			
Buna-S	3,226	7,028	3,401
Butyl	563	2,382	485
Neoprene	42	-	39
All Other	613	2,018	920
Total Synthetic Rubber	4,444	11,428	4,845
<u>Reclaimed Rubber</u>			
Solid	220	388	158
Latex	28	19	11
Total Reclaimed Rubber	248	407	169
TOTAL ALL RUBBER	4,777	11,835	5,085

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

Type of Rubber	Inventory October 1, 1957	Receipts Con- (Imports sump- etc.)	tion	Sales (Exports, etc.)	Inventory October 31, 1957
<u>Natural Rubber</u>					
Solid	4,273	3,866	3,444	-	4,695
Latex	258	266	249	12	263
Total Natural Rubber	4,531	4,132	3,693	12	4,958
<u>Synthetic Rubber</u>					
Buna-S, solid	2,006	3,270	3,280	5	1,991
Buna-S, latex	236	164	174	6	220
Buna-N	80	51	32	13	86
Butyl	240	330	321	-	249
Neoprene	349	242	262	-	329
All Other	12	7	5	-	14
Total Synthetic Rubber	2,923	4,064	4,074	24	2,889
<u>Reclaimed Rubber</u>					
Solid	1,227	1,405	1,354	-	1,278
Latex	79	5	26	-	58
Total Reclaimed Rubber	1,306	1,410	1,380	-	1,336
TOTAL ALL RUBBER	8,760	9,606	9,147	36	9,183

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3(a) - Consumption of all Types of Rubber, by End Products, September, 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	7,102	5,111	54	658	-	1,279
Latex	572	9	-	4	463	96
Total Natural	7,674	5,120	54	662	463	1,375
<u>Synthetic Rubber -</u>						
Buna-S, solid	6,607	4,811	240	741	-	815
Buna-S, latex	382	76	-	-	246	60
Buna-N	76	2	-	18	-	56
Butyl	663	534	48	9	-	72
Neoprene	561	22	260	25	-	254
Other	12	6	-	-	-	6
Total Synthetic	8,301	5,451	548	793	246	1,263
<u>Reclaimed Rubber -</u>						
Solid	2,647	1,866	-	214	-	567
Latex	51	-	-	42	-	9
Total Reclaimed ..	2,698	1,866	-	256	-	576
GRAND TOTAL	18,673	12,437	602	1,711	709	3,214

Table 3(b) - Consumption of all Types of Rubber, by End Products, October, 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	7,714	5,738	57	672	-	1,247
Latex	558	9	-	4	462	83
Total Natural	8,272	5,747	57	676	462	1,330
<u>Synthetic Rubber -</u>						
Buna-S, solid	7,346	5,346	215	836	-	949
Buna-S, latex	390	83	-	-	243	64
Buna-N	72	1	-	21	-	50
Butyl	719	507	67	8	-	137
Neoprene	586	19	313	19	-	235
Other	11	4	-	1	-	6
Total Synthetic	9,124	5,960	595	885	243	1,441
<u>Reclaimed Rubber -</u>						
Solid	3,032	2,115	2	351	-	564
Latex	59	-	-	47	-	12
Total Reclaimed	3,091	2,115	2	398	-	576
GRAND TOTAL	20,487	13,822	654	1,959	705	3,347

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, October 1956 to October 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 - 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
August	5,466	40.0	3,266	58	685	1,457
September	7,674	41.1	5,120	54	662	1,838
October	8,272	40.4	5,747	57	676	1,792

Table 5 - Consumption of Synthetic Rubber in Total by End Products, October 1956 to October 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 - 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
August	6,295	46.0	3,640	536	790	1,329
September	8,301	44.5	5,451	548	793	1,509
October	9,124	44.5	5,960	595	885	1,684

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Table 6 - Consumption of Reclaimed Rubber in Total by End Products October 1956 to October 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 - 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
August	1,916	14.0	1,205	3	234	474
September ...	2,698	14.4	1,866	-	256	576
October	3,091	15.1	2,115	2	398	576

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

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1956 - 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
August	4,918,019	308,468	471,950	522,298	65,814	8,844	6,295,393
September ...	6,606,767	382,047	663,082	561,035	76,560	12,053	8,301,544
October	7,346,189	390,112	718,825	586,129	72,137	10,700	9,124,092

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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