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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 March 1958 as compared with February 1958 shows a decrease in natural of 183,000 pounds, an increase in synthetic of 19,000 pounds and an increase in reclaimed of 68,000 pounds, the total being a decrease of 96,000 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 285,000 pounds, consumption in rubber footwear decreased by 85,000 pounds, in wire and cable decreased by 21,000 pounds, in foamed rubber increased by 64,000 pounds and in other products increased by 231,000 pounds making the total decrease of 96,000 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, 1939-1957 and Actual Monthly Totals, March 1957 to March 1958. 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
1957	4,616	7,412	1,522	11,012	416	3,403	3,962	1,340
1957 - 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
November ..	4,335	7,702	1,563	11,465	527	3,531	4,042	1,312
December ..	4,646	9,043	1,620	11,506	501	3,004	3,565	1,208
1958 - January ...	6,209	8,671	1,577	10,924	407	2,690	3,512	1,104
February ..	5,687	7,525	1,431	9,104	395	2,481	3,498	1,145
March	5,427	8,171	1,424	11,317	367	2,400	3,506	1,176

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory March 1, 1958	Production	Inventory March 31, 1958
<u>Natural Rubber</u>			
Solid	-	-	-
Latex	51	-	56
Total Natural Rubber	51	-	56
<u>Synthetic Rubber</u>			
Buna-S	3,626	6,567	3,698
Butyl	734	2,474	922
Neoprene	21	-	16
All Other	544	2,276	979
Total Synthetic Rubber	4,925	11,317	5,615
<u>Reclaimed Rubber</u>			
Solid	257	348	265
Latex	17	19	34
Total Reclaimed Rubber	274	367	299
TOTAL ALL RUBBER	5,250	11,684	5,970

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

Type of Rubber	Inventory March 1, 1958	Receipts (Imports etc.)	Consump- tion	Sales (Exports, etc.)	Inventory March 31, 1958
<u>Natural Rubber</u>					
Solid	5,381	1,932	2,158	-	5,155
Latex	255	208	242	5	216
Total Natural Rubber	5,636	2,140	2,400	5	5,371
<u>Synthetic Rubber</u>					
Buna-S, solid	1,869	2,766	2,840	-	1,795
Buna-S, latex	155	232	157	6	224
Buna-N	75	33	22	8	78
Butyl	213	273	268	-	218
Neoprene	274	169	211	-	232
All Other	14	3	8	-	9
Total Synthetic Rubber	2,600	3,476	3,506	14	2,556
<u>Reclaimed Rubber</u>					
Solid	1,109	1,121	1,151	1	1,078
Latex	48	24	25	-	47
Total Reclaimed Rubber	1,157	1,145	1,176	1	1,125
TOTAL ALL RUBBER	9,393	6,761	7,082	20	9,052

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3(a) - Consumption of all Types of Rubber, by End Products, March, 1958.

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	4,833	3,262	42	555	-	974
Latex	542	5	-	4	451	82
Total Natural	5,375	3,267	42	559	451	1,056
<u>Synthetic Rubber -</u>						
Buna-S, solid	6,363	4,501	162	881	-	819
Buna-S, latex	352	61	-	-	244	47
Buna-N	48	2	-	12	-	34
Butyl	601	453	33	9	-	106
Neoprene	473	14	272	9	-	178
Other	19	14	-	-	-	5
Total Synthetic ..	7,856	5,045	467	911	244	1,189
<u>Reclaimed Rubber -</u>						
Solid	2,578	1,493	1	185	-	899
Latex	55	-	-	40	-	15
Total Reclaimed ..	2,633	1,493	1	225	-	914
GRAND TOTAL	15,864	9,805	510	1,695	695	3,159

Table 3(b) - Consumption of all Types of Rubber, by End Products, February, 1958.

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	5,056	3,344	52	637	-	1,023
Latex	502	5	-	4	424	69
Total Natural	5,558	3,349	52	641	424	1,092
<u>Synthetic Rubber -</u>						
Buna-S, solid	6,434	4,591	224	904	-	715
Buna-S, latex	335	63	-	-	207	65
Buna-N	50	-	-	13	-	37
Butyl	581	483	28	4	-	66
Neoprene	427	15	224	12	-	176
Other	10	5	-	-	-	5
Total Synthetic ..	7,837	5,157	476	933	207	1,064
<u>Reclaimed Rubber -</u>						
Solid	2,520	1,582	3	174	-	761
Latex	45	2	-	32	-	11
Total Reclaimed ..	2,565	1,584	3	206	-	772
GRAND TOTAL	15,960	10,090	531	1,780	631	2,928

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Table 4 - Consumption of Natural Rubber in Total by End Products, March 1957 to March 1958, 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
1957 - 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
November ...	7,908	39.7	5,421	69	620	1,798
December ...	6,730	38.6	4,729	42	355	1,604
1958 - January	6,026	36.8	3,901	82	561	1,482
February ...	5,558	34.8	3,349	52	641	1,516
March	5,375	33.9	3,267	42	559	1,507

Table 5 - Consumption of Synthetic Rubber in Total by End Products, March 1957 to March 1958, 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
1957 - 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
November ...	9,055	45.5	5,881	676	806	1,692
December ...	7,987	45.9	5,297	518	807	1,365
1958 - January	7,866	48.1	5,213	524	845	1,284
February ...	7,837	49.1	5,157	476	933	1,271
March	7,856	49.5	5,045	467	911	1,433

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Table 6 - Consumption of Reclaimed Rubber in Total by End Products March 1957 to March 1958, 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
1957 - 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
November ...	2,939	14.8	1,961	2	218	758
December ...	2,707	15.5	1,826	1	207	673
1958 - January	2,474	15.1	1,473	1	216	784
February ...	2,565	16.1	1,584	3	206	772
March	2,633	16.6	1,493	1	225	914

Table 7 - Consumption of Synthetic Rubber, by Types, March 1957 to March 1958.

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1957 - 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
November ..	7,352,759	428,019	592,706	595,283	65,137	21,384	9,055,288
December ..	6,521,838	342,982	566,661	471,315	73,470	11,218	7,987,484
1958 - January ...	6,500,766	294,912	514,792	490,679	51,374	13,379	7,865,902
February ..	6,434,079	335,618	580,620	427,256	49,869	9,917	7,837,359
March	6,363,385	351,886	600,703	473,384	48,253	18,928	7,856,539

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 8 - Consumption of all Rubber in Total, by Types, showing percentages of Each Type of all Rubber Consumed, 1939 to 1957

	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
1957	91,477,000	39.1	106,491,000	45.5	36,009,000	15.4

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