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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 of synthetic and reclaimed rubber, and the inventories of firms reporting 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 Branch, D.B.S.) over a period of months.

Consumption of rubber in September 1956 as compared with August 1956 shows an increase in natural of 1,530,000 pounds, an increase in synthetic of 1,316,000 pounds and an increase in reclaimed of 407,000 pounds, the total being an increase of 3,253,000 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 3,154,000 pounds, consumption in rubber footwear decreased by 436,000, in wire and cable increased by 20,000 pounds and in other products increased by 515,000 pounds making the total increase of 3,253,000 pounds mentioned above.

Prepared in Textiles and Miscellaneous Products Section,
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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, 1939-1955 and Actual Monthly Totals, January to September 1956. 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-January ..	5,624	8,238	1,725	9,736	400	3,292	4,037	1,338
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER.

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

Type of Rubber	Inventory Sept. 1, 1956	Production	Inventory Sept. 30, 1956
<u>Natural Rubber</u>			
Solid	-	-	-
Latex	98	-	57
Total Natural Rubber ..	98	-	57
<u>Synthetic Rubber</u>			
Buna-S	2,003	7,595	2,684
Butyl	502	2,022	841
Neoprene	42	-	44
All Other	1,669	1,088	1,290
Total Synthetic Rubber.	4,216	10,705	4,859
<u>Reclaimed Rubber</u>			
Solid	201	44	277
Latex	7	376	24
Total Reclaimed Rubber.	208	420	301
TOTAL ALL RUBBER	4,522	11,125	5,217

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

Type of Rubber	Inventory Sept. 1, 1956	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Sept. 30, 1956
<u>Natural Rubber</u>					
Solid	3,838	3,567	3,492	-	3,913
Latex	282	148	273	12	145
Total Natural Rubber ..	4,120	3,715	3,765	12	4,058
<u>Synthetic Rubber</u>					
Buna-S, solid	3,016	2,910	3,102	-	2,824
Buna-S, latex	112	125	139	2	96
Buna-N	32	12	12	-	32
Butyl	327	232	304	-	255
Neoprene	330	210	251	-	289
All Other	120	69	71	17	101
Total Synthetic Rubber.	3,937	3,558	3,879	19	3,597
<u>Reclaimed Rubber</u>					
Solid	1,532	1,012	1,230	-	1,314
Latex	76	31	26	-	81
Total Reclaimed Rubber.	1,608	1,043	1,256	-	1,395
TOTAL ALL RUBBER	9,665	8,316	8,900	31	9,050

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

The consumption of All Types of Rubber, arranged according to end products classification, is shown in Tables 3(a) and 3(b).

Table 3(a) - Consumption of Rubber, by Types and by End Products, September 1956

Type of Rubber	Total Consumption	Consumed in the Manufacture of:-			
		Tires and Tubes	Wire and Cable	Footwear	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
Natural Rubber-					
Solid	7,822	5,771	86	675	1,290
Latex	611	8	-	2	601
Total Natural Rubber ..	8,433	5,779	86	677	1,891
Synthetic Rubber-					
Buna-S, solid	6,949	5,181	356	601	811
Buna-S, latex	311	98	-	1	212
Buna-N	27	-	-	1	26
Butyl	681	557	13	3	108
Neoprene	564	17	298	16	233
Other	160	17	-	60	83
Total Synthetic Rubber.	8,692	5,870	667	682	1,473
Reclaimed Rubber-					
Solid	2,756	1,857	1	210	688
Latex	58	2	-	53	3
Total Reclaimed Rubber.	2,814	1,859	1	263	691
TOTAL ALL RUBBER	19,939	13,508	754	1,622	4,055

Table 3(b) - Consumption of Rubber, by Types and by End Products, August 1956

Type of Rubber	Total Consumption	Consumed in the Manufacture of:-			
		Tires and Tubes	Wire and Cable	Footwear	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
Natural Rubber-					
Solid	6,441	4,291	66	893	1,191
Latex	462	8	-	2	452
Total Natural Rubber ..	6,903	4,299	66	895	1,643
Synthetic Rubber-					
Buna-S, solid	5,805	4,062	271	704	768
Buna-S, latex	280	73	-	1	206
Buna-N	33	1	-	1	31
Butyl	480	398	10	2	70
Neoprene	629	20	386	24	199
Other	149	9	-	95	45
Total Synthetic Rubber.	7,376	4,563	667	827	1,319
Reclaimed Rubber-					
Solid	2,330	1,488	1	266	575
Latex	77	4	-	70	3
Total Reclaimed Rubber.	2,407	1,492	1	336	578
TOTAL ALL RUBBER	16,686	10,354	734	2,058	3,540

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Table 4 - Consumption of Natural Rubber in Total by End Products, September 1955 to September 1956, 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
1955 - September	8,951	44.1	5,835	81	901	2,134
October	8,657	44.6	5,802	37	821	1,997
November	9,457	41.9	6,431	62	800	2,164
December	8,378	41.2	5,789	48	547	1,994
1956 - January	7,374	38.0	5,134	60	549	1,631
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

Table 5 - Consumption of Synthetic Rubber, in Total by End Products, September 1955 to September 1956, 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
1955 - September	8,292	40.9	5,362	508	752	1,670
October	7,953	41.0	5,217	326	809	1,601
November	9,739	43.2	6,459	446	898	1,936
December	8,912	43.9	5,914	385	1,001	1,612
1956 - January	9,046	46.6	6,087	511	878	1,570
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

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Table 6 - Consumption of Reclaimed Rubber in Total by End Products September 1955 to September 1956, 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
1955 - September	3,037	15.0	1,976	5	231	825
October	2,782	14.4	1,683	6	262	831
November	3,374	14.9	2,115	2	272	985
December	3,016	14.9	1,901	1	267	847
1956 - January	2,999	15.4	1,929	1	247	822
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

Table 7 - Consumption of Synthetic Rubber, by Types, September 1955 to September 1956

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1955 - September	6,986,345	603,847	524,632	176,928	8,291,752
October	6,697,930	638,312	449,913	167,284	7,953,439
November	8,392,626	619,474	520,666	206,531	9,739,297
December	7,615,618	650,258	453,622	192,741	8,912,239
1956 - January	7,733,918	603,876	525,752	182,249	9,045,795
February	7,802,737	732,015	532,057	190,527	9,257,336
March	7,658,037	694,922	556,842	210,480	9,120,281
April	8,174,893	881,925	578,229	226,180	9,861,227
May	8,482,593	882,478	577,581	201,593	10,144,245
June	7,387,172	782,178	643,142	235,517	9,048,009
July	7,056,810	671,411	371,241	200,510	8,299,972
August	6,085,252	479,646	628,957	182,600	7,376,455
September	7,260,365	681,193	563,496	186,919	8,691,973

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Table 8 - Consumption of all Rubber in Total, by Types, showing percentages of Each Type to all Rubber Consumed, 1939 to 1955

	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

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