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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 Section, D.B.S.) over a period of months.

Consumption of rubber in December 1956 as compared with November 1956 shows a decrease in natural of 1,402,000 pounds, a decrease in synthetic of 1,165,000 pounds and a decrease in reclaimed of 456,000 pounds, the total being a decrease of 3,023,000 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 2,099,000 pounds, consumption in rubber footwear decreased by 301,000 pounds, in wire and cable decreased by 400,000 pounds and in other products decreased by 223,000 pounds making the total decrease of 3,023,000 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, January to December 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	4,631	7,536	1,732	10,058	394	3,588	4,034	1,387
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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory Dec. 1, 1956	Production	Inventory Dec. 31, 1956
<u>Natural Rubber</u>			
Solid	-	-	-
Latex	77	-	69
Total Natural Rubber .	77	-	69
<u>Synthetic Rubber</u>			
Buna-S	1,211	6,697	1,611
Butyl	584	2,100	871
Neoprene	44	-	43
All Other	1,039	1,796	1,308
Total Synthetic Rubber	2,878	10,593	3,833
<u>Reclaimed Rubber</u>			
Solid	216	288	158
Latex	16	24	25
Total Reclaimed Rubber	232	312	183
TOTAL ALL RUBBER ...	3,187	10,905	4,085

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

Type of Rubber	Inventory Dec. 1 1956	Receipts (Imports etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Dec. 31, 1956
<u>Natural Rubber</u>					
Solid	3,750	3,976	3,361	5	4,360
Latex	186	404	302	4	284
Total Natural Rubber .	3,936	4,380	3,663	9	4,644
<u>Synthetic Rubber</u>					
Buna-S, solid	2,148	2,810	3,003	1	1,954
Buna-S, latex	172	155	176	-	151
Buna-N*	73	38	18	13	80
Butyl	198	337	282	-	253
Neoprene	314	321	230	1	404
All Other*	63	97	80	-	80
Total Synthetic Rubber	2,968	3,758	3,789	15	2,922
<u>Reclaimed Rubber</u>					
Solid	1,368	1,196	1,228	-	1,336
Latex	80	10	20	-	70
Total Reclaimed Rubber	1,448	1,206	1,248	-	1,406
TOTAL ALL RUBBER ...	8,352	9,344	8,700	24	8,972

* Adjustments were made in these figures because some firms have been including types of buna-N (such as hycar and butaprene) under "All other synthetic". Further adjustments will be made in January report.

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, November 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
<u>Natural Rubber -</u>					
Solid	9,052	6,789	113	800	1,350
Latex	556	12	-	4	540
Total Natural Rubber	9,608	6,801	113	804	1,890
<u>Synthetic Rubber -</u>					
Buna-S, solid	7,580	5,479	394	740	967
Buna-S, latex	391	114	-	-	277
Buna-N	37	1	-	2	34
Butyl	741	557	38	15	131
Neoprene	705	19	431	20	235
Other	199	17	-	92	90
Total Synthetic Rubber ..	9,653	6,187	863	869	1,734
<u>Reclaimed Rubber -</u>					
Solid	3,189	2,126	3	248	812
Latex	63	3	-	51	9
Total Reclaimed Rubber ..	3,252	2,129	3	299	821
TOTAL ALL RUBBER	22,513	15,117	979	1,972	4,445

Table 3(b) - Consumption of Rubber, by Types and by End Products, December 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
<u>Natural Rubber -</u>					
Solid	7,529	5,744	57	566	1,162
Latex	677	13	-	1	663
Total Natural Rubber	8,206	5,757	57	567	1,825
<u>Synthetic Rubber -</u>					
Buna-S, solid	6,727	4,899	250	733	845
Buna-S, latex	394	103	-	2	289
Buna-N	40	8	-	2	30
Butyl	632	478	25	18	111
Neoprene	516	19	247	14	236
Other	179	9	-	103	67
Total Synthetic Rubber ..	8,488	5,516	522	872	1,578
<u>Reclaimed Rubber -</u>					
Solid	2,750	1,744	-	190	816
Latex	46	1	-	42	3
Total Reclaimed Rubber ..	2,796	1,745	-	232	819
TOTAL ALL RUBBER	19,490	13,018	579	1,671	4,222

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, December 1955 to December 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 - 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
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

Table 5 - Consumption of Synthetic Rubber, in Total by End Products, December 1955 to December 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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products December 1955 to December 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 - 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
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

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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1955 - 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
October	7,857,334	701,861	653,514	237,148	9,449,857
November	7,970,783	740,285	704,789	236,801	9,652,658
December	7,120,474	631,951	516,224	219,247	8,487,896

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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