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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

June, 1959

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 June 1959 as compared with May 1959 shows an increase in natural of 1,036,000 pounds, an increase in synthetic of 1,729,000 pounds and an increase in reclaimed of 282,000 pounds, the total being an increase of 3,047,000 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 2,523,000 pounds, consumption in rubber footwear increased by 196,000 pounds, in wire and cable increased by 57,000 pounds, in foamed rubber increased by 107,000 pounds and in other products increased by 164,000 pounds making the total increase of 3,047,000 pounds mentioned above.

Industry and Merchandising Division.

6524-504-69

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 1 - Summary Statement of All Rubber Stocks, Domestic Production and Domestic Consumption Showing Monthly Averages, 1939-1958 and Actual Monthly Totals, June 1958 to June 1959. 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
1958	4,542	8,788	1,383	11,253	495	3,090	3,893	1,260
1958 - June	3,676	8,660	1,266	10,235	597	3,155	4,546	1,451
July	3,588	8,570	1,303	11,175	420	2,925	3,891	1,275
August ..	4,186	9,239	1,452	10,900	401	2,434	3,020	840
September	4,099	9,188	1,450	11,485	603	3,920	4,219	1,368
October .	4,105	8,780	1,442	12,465	642	3,877	4,137	1,382
November.	4,297	8,787	1,423	12,133	608	3,969	4,280	1,321
December.	4,467	10,351	1,400	12,951	594	3,757	4,307	1,430
1959 - January .	4,516	10,430	1,473	12,983	506	3,341	4,394	1,392
February.	4,227	10,311	1,569	11,723	532	3,706	5,173	1,488
March ...	4,155	8,736	1,571	7,539	541	3,571	4,963	1,602
April ...	4,182	8,289	2,064	5	508	3,734	5,085	1,574
May	3,789	7,832	1,781	345	518	3,742	4,776	1,572
June	3,210	6,606	1,470	43	512	4,203	5,549	1,696

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 2 (a) - NEW SUPPLY. Statement of Manufacturers Producing Rubber.

Type of Rubber	Inventory June 1, 1959	Production (Long Tons)	Inventory June 30, 1959
<u>Natural Rubber</u>			
Solid	-	-	-
Latex	39	-	71
Total Natural Rubber ...	39	-	71
<u>Synthetic Rubber</u>			
Buna-S	2,841	39	2,410
Butyl	777	-	538
Neoprene	15	-	22
All Other	891	4	441
Total Synthetic Rubber .	4,524	43	3,411
<u>Reclaimed Rubber</u>			
Solid	199	473	169
Latex	40	39	29
Total Reclaimed Rubber .	239	512	198
TOTAL ALL RUBBER	4,802	555	3,680

Table 2 (b) - CONSUMPTION. Statement of Manufacturers Consuming Rubber.

	Inventory June 1, 1959	Receipts (Imports etc.)	Consump- tion	Sales (Exports, etc.)	Inventory June 30, 1959
(Long Tons)					
<u>Natural Rubber</u>					
Solid	3,410	3,217	3,857	7	2,748
Latex	340	406	346	9	391
Total Natural Rubber ...	3,750	3,623	4,203	16	3,139
<u>Synthetic Rubber</u>					
Buna-S, solid	2,328	4,384	4,474	1	2,237
Buna-S, latex	312	253	268	4	293
Buna-N	104	65	56	-	101
Butyl	277	435	444	-	266
Neoprene	273	309	296	-	286
All Other	14	11	11	-	12
Total Synthetic Rubber .	3,308	5,457	5,549	5	3,195
<u>Reclaimed Rubber</u>					
Solid	1,494	1,414	1,681	-	1,227
Latex	48	12	15	-	45
Total Reclaimed Rubber .	1,542	1,426	1,696	-	1,272
TOTAL ALL RUBBER	8,600	10,506	11,448	21	7,606

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3 (a) - Consumption of All Types of Rubber, by End Products, May, 1959

Type of Rubber	Total Consumption	Consumed in the Manufacture of:				
		Tires and Wire and Tubes	Cable	Footwear	Foamed Rubber	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
Natural Rubber						
Solid	7,674	5,892	29	632	-	1,121
Latex	707	11	-	3	563	130
Total Natural ..	8,381	5,903	29	635	563	1,251
Synthetic Rubber						
Buna-S, solid	8,629	6,733	201	826	-	869
Buna-S, latex	561	63	-	-	324	174
Buna-N	102	2	-	17	-	83
Butyl	839	662	48	8	-	121
Neoprene	552	24	269	12	12	235
Other	17	10	-	-	-	7
Total Synthetic.	10,700	7,494	518	863	336	1,489
Reclaimed Rubber						
Solid	3,484	2,378	1	172	-	933
Latex	37	4	-	25	-	8
Total Reclaimed.	3,521	2,382	1	197	-	941
GRAND TOTAL	22,602	15,779	548	1,695	899	3,681

Table 3 (b) - Consumption of All Types of Rubber, by End Products, June, 1959

Type of Rubber	Total Consumption	Consumed in the Manufacture of:				
		Tires and Wire and Tubes	Cable	Footwear	Foamed Rubber	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
Natural Rubber						
Solid	8,641	6,796	32	620	-	1,193
Latex	776	11	-	6	637	122
Total Natural ..	9,417	6,807	32	626	637	1,315
Synthetic Rubber						
Buna-S, solid	10,022	7,905	202	962	-	953
Buna-S, latex	599	88	-	-	369	142
Buna-N	126	3	-	16	-	107
Butyl	995	808	46	13	-	128
Neoprene	663	36	324	13	-	290
Other	24	19	-	-	-	5
Total Synthetic.	12,429	8,859	572	1,004	369	1,625
Reclaimed Rubber						
Solid	3,768	2,632	1	237	-	898
Latex	35	4	-	24	-	7
Total Reclaimed.	3,803	2,636	1	261	-	905
GRAND TOTAL	25,649	18,302	605	1,891	1,006	3,845

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, June 1958 to June 1959, 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
1958 - June	7,068	34.5	4,748	29	560	1,731
July	6,551	36.1	4,930	30	320	1,271
August	5,452	38.6	3,419	41	612	1,380
September	8,783	41.2	6,350	35	616	1,782
October	8,685	41.3	6,295	46	592	1,752
November	8,890	41.5	6,596	53	495	1,746
December	8,415	39.6	6,280	37	384	1,714
1959 - January	7,484	36.6	5,259	59	549	1,617
February	8,301	35.7	5,648	60	646	1,947
March	8,000	35.2	5,314	60	614	2,012
April	8,364	35.9	5,762	54	642	1,906
May	8,381	37.1	5,903	29	635	1,814
June	9,417	36.7	6,807	32	626	1,952

Table 5 - Consumption of Synthetic Rubber in Total by End Products, May 1958 to May 1959, 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
1958 - June	10,184	49.7	7,259	496	844	1,585
July	8,715	48.1	6,799	322	513	1,081
August	6,766	48.0	4,171	541	824	1,230
September	9,453	44.4	6,480	528	856	1,589
October	9,266	44.0	6,087	538	969	1,672
November	9,586	44.7	6,520	623	911	1,532
December	9,649	45.4	6,770	485	847	1,547
1959 - January	9,842	48.1	6,799	525	957	1,561
February	11,588	49.9	8,144	471	1,200	1,773
March	11,120	49.0	7,807	454	1,023	1,836
April	11,391	48.9	7,842	524	913	2,112
May	10,700	47.3	7,494	518	863	1,825
June	12,429	48.4	8,859	572	1,004	1,994

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products June 1958 to June 1959, 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
1958 - June	3,249	15.8	2,071	-	238	940
July	2,857	15.8	2,153	1	180	523
August	1,882	13.3	1,252	-	194	436
September ..	3,066	14.4	2,064	-	236	766
October	3,095	14.7	1,939	1	237	918
November ...	2,960	13.8	2,002	1	208	749
December ...	3,203	15.0	2,102	2	167	932
1959 - January	3,118	15.3	2,015	3	249	851
February ...	3,334	14.4	2,288	3	266	777
March	3,587	15.8	2,377	-	271	939
April	3,527	15.2	2,356	2	250	919
May	3,521	15.6	2,382	1	197	941
June	3,803	14.8	2,636	1	261	905

Table 7 - Consumption of Synthetic Rubber, by Types, June 1958 to June 1959

	Buna-S		Butyl Neoprene		Burna-N	Other	Total
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1958 - June	8,386,253	403,116	761,113	567,075	49,754	16,827	10,184,138
July	7,310,576	371,876	570,863	404,250	35,358	22,692	8,715,615
August ..	5,370,647	357,332	465,418	515,772	46,462	10,871	6,766,502
September	7,636,974	438,461	706,668	554,062	88,117	29,369	9,453,651
October .	7,415,737	405,509	735,442	589,360	98,564	21,818	9,266,430
November.	7,728,543	423,082	778,460	538,852	100,585	15,902	9,585,424
December.	7,854,299	455,332	794,638	452,663	73,424	18,898	9,649,254
1959 - January .	8,014,209	463,537	775,771	483,749	86,451	17,860	9,841,577
February.	9,452,842	570,459	933,602	522,620	92,025	16,418	11,587,966
March ...	8,931,011	609,949	942,581	510,247	104,062	22,346	11,120,196
April ...	9,216,816	619,852	877,847	573,833	86,061	16,236	11,390,645
May	8,628,870	560,831	839,532	552,003	102,160	16,578	10,699,974
June	10,022,010	599,792	994,576	663,375	125,800	24,841	12,430,394

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 1958.

	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
1958	83,072,000	37.5	104,654,000	47.2	33,874,000	15.3

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