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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

JUNE, 1952

The statistics made available monthly in this report are considered to represent clearly and accurately (a) the new domestic production of synthetic and reclaim rubber, and the inventories of firms reporting production and (b) the total consumption of all types of rubber, natural, synthetic and reclaim, whether foreign or domestic, by broad end product use groupings, together with inventories, receipts and sales of rubber 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 June, 1952, as compared with May, 1952, shows a decrease in natural of 468,868 pounds, a decrease in synthetic of 1,026,064 pounds, and a decrease in reclaim of 311,981 pounds, the total decrease being 1,806,913 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 1,241,206 pounds, consumption in rubber footwear decreased by 167,812 pounds, in wire and cable decreased by 141,444 pounds and in other products decreased by 256,451 pounds, making the total decrease of 1,806,913 pounds mentioned above.

Prepared in General Manufactures Section.

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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. Summary Data

This section includes summary data on natural, synthetic and reclaim rubber showing stocks, domestic production and domestic consumption. For more detailed data of consumption by specific types and by end products classification, wherever possible, see Section B, Natural Rubber; Section C, Synthetic Rubber; and Section D, Reclaim Rubber.

Table 1. - Summary Statement of all Rubber Stocks, Domestic Production and Domestic Consumption Showing Monthly Averages, 1939-1951, and Actual Monthly Totals, June 1951 to June 1952.

Weights are given in Long Tons (2,240 pounds)

Period	Stocks, End of Period			Domestic Production		Consumption		
	Natural	Syn- thetic	Re- claim	Syn- thetic	Re- claim	Natural	Syn- thetic	Re- claim
Monthly Averages								
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
1951 May	4,580	3,051	2,177	3,779	525	4,538	2,140	1,638
June	5,471	3,285	2,444	4,504	515	3,334	1,828	1,239
July	5,379	3,673	2,345	5,434	202	3,284	1,862	1,155
August	6,499	3,637	2,360	5,036	477	2,832	1,944	1,093
September .	6,485	4,412	2,548	5,568	401	3,180	2,280	1,105
October ...	5,518	4,587	2,353	6,036	369	3,264	2,369	1,264
November ..	3,688	4,404	2,261	5,874	339	2,948	2,388	1,077
December ..	4,421	5,085	2,304	6,140	338	2,940	2,488	1,024
1952 January ...	4,929	5,542	2,020	6,810	319	2,937	2,526	1,126
February ..	5,218	6,598	1,860	6,678	356	2,912	2,854	1,108
March	5,060	7,615	1,709	6,357	412	3,015	3,164	1,204
April	4,011	7,909	1,556	6,233	403	2,994	3,184	1,329
May	3,524	6,814	1,580	5,625	501	2,726	3,139	1,207
June	4,069	6,716	1,469	6,152	379	2,517	2,683	1,068

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory June 1, 1952	Production	Inventory June 30, 1952
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	24	-	27
Total Natural Rubber	24	-	27
<u>Synthetic Rubber</u>			
Buna-S	2,056	4,265	2,376
Butyl	948	1,377	796
Neoprene	23	-	31
All Other	1,468	510	1,313
Total Synthetic Rubber	4,495	6,152	4,516
<u>Reclaim Rubber</u>			
Dispersions	33	31	16
Other than Dispersions	183	348	116
Total Reclaim Rubber	216	379	132
GRAND TOTAL	4,735	6,531	4,675

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

Type of Rubber	Inventory June 1, 1952	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory June 30, 1952
<u>Natural Rubber</u>					
Crude Rubber	3,336	2,869	2,315	1	3,889
Natural Latex	164	196	202	5	153
Total Natural Rubber	3,500	3,065	2,517	6	4,042
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,641	1,974	2,080	1	1,534
Buna-S, Latex	120	73	89	-	104
Buna-N	24	7	10	-	21
Butyl	325	319	333	-	311
Neoprene	176	155	133	-	198
All Other	33	42	38	5	32
Total Synthetic Rubber ..	2,319	2,570	2,683	6	2,200
<u>Reclaim Rubber</u>					
Dispersions	65	18	40	-	43
Other than Dispersions	1,299	1,023	1,028	-	1,294
Total Reclaim Rubber	1,364	1,041	1,068	-	1,337
GRAND TOTAL	7,183	6,676	6,268	12	7,579

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. - Summary Data (Concluded)

Table 3(a) - Consumption of all Rubber, by Types and by End Product
Classification, June 1952

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,762,087	3,758,043	1,306,251	8,826,381
2. Wire and cable	77,575	357,923	15,925	451,423
3. Footwear (including heels, soles, etc.)	585,176	736,698	194,581	1,516,455
4. Other products	1,213,374	1,154,749	876,729	3,244,852
TOTAL	5,638,212	6,007,413	2,393,486	14,039,111

Table 3(b) - Consumption of all Rubber, by Types and by End Product
Classification, May 1952

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,065,546	4,600,650	1,401,391	10,067,587
2. Wire and cable	82,988	470,538	39,341	592,867
3. Footwear (including heels, soles, etc.)	687,379	794,229	202,659	1,684,267
4. Other products	1,271,167	1,168,060	1,062,076	3,501,303
TOTAL	6,107,080	7,033,477	2,705,467	15,846,024

Table 4 - Consumption of all Rubber in Total, by Types, Showing
Percentages of Each Type to all Rubber Consumed, 1939 to 1951

Year	Natural		Synthetic		Reclaim	
	Total	Percentage	Total	Percentage	Total	Percentage
	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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The June 1952 consumption of Natural Rubber, showing crude rubber and natural latex separately and arranged according to end products classification, is shown in Table 5. Summary data, by months, June 1951 to June 1952 are shown in Table 6. For summary data on Natural and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 5 - Consumption of Natural Rubber, by Types and
by End Product Classification, June 1952

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,735,788	26,299	3,762,087
2. Wire and cable	77,575	-	77,575
3. Footwear (including heels, soles, etc.)	582,991	2,185	585,176
4. Other products	790,138	423,236	1,213,374
TOTAL	5,186,492	451,720	5,638,212

Table 6 - Consumption of Natural Rubber in Total, by End Products, June
1951 to June 1952, Showing also Percentage of Natural to all
Rubber Consumed.

	Natural		Used in the Manufacture of			
	Total	Percentage of all Rubber	Tires and Tubes	Wire and Cable	Foot- wear	Other Pro- ducts
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
1951 - June	7,467	52.1	5,261	78	815	1,313
July	7,355	52.1	5,470	37	534	1,314
August	6,344	48.3	4,108	69	952	1,215
September ..	7,122	48.5	5,021	87	729	1,285
October	7,311	47.3	5,223	74	823	1,191
November ...	6,605	46.0	4,836	64	640	1,065
December ...	6,584	45.5	5,026	61	385	1,112
1952 - January	6,579	44.6	4,809	67	610	1,093
February ...	6,523	42.4	4,622	60	649	1,192
March	6,752	40.8	4,735	71	689	1,257
April	6,706	39.9	4,604	96	673	1,333
May	6,107	38.5	4,066	83	687	1,271
June	5,638	40.2	3,762	78	585	1,213

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The June 1952 consumption of Synthetic Rubber is shown by types and by end products classification in Table 7. Summary data, by months, are shown in Tables 8 and 9. For Summary data, on Synthetic and other rubber **stocks**, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 7 - Consumption of Synthetic Rubber, by Types and by End Product Classification, June 1952

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,047,082	70,668	-	636,500	3,793	-	3,758,043
2. Wire and cable	197,706	-	-	7,308	152,909	-	357,923
3. Footwear (including heels, soles, etc.)	659,201	205	-	-	5,723	71,569	736,698
4. Other Products	754,950	127,785	21,578	102,682	134,685	13,069	1,154,749
TOTAL	4,658,939	198,658	21,578	746,490	297,110	84,638	6,007,413

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, June 1951 to June 1952, Showing also Percentage of Synthetic to all Rubber Consumed.

Year and Month	Synthetic Rubber		Used in the Manufacture of			
	Total	Percentage of all Rubber	Tires and Tubes	Wire and Cable	Footwear	Other Products
	000's pounds	per cent	000's pounds	000's pounds	000's pounds	000's pounds
1951 - June	4,096	28.6	2,108	354	634	1,000
July	4,171	29.6	2,692	181	480	818
August	4,354	33.1	2,292	387	753	922
September	5,109	34.7	3,194	352	635	928
October	5,309	34.2	3,537	362	581	829
November	5,347	37.2	3,757	416	393	781
December	5,575	38.6	4,050	313	418	794
1952 - January	5,662	38.3	3,855	398	564	845
February	6,394	41.5	4,358	376	699	961
March	7,086	42.9	4,768	357	727	1,234
April	7,134	42.4	4,816	361	796	1,161
May	7,033	44.4	4,601	470	794	1,168
June	6,007	42.8	3,758	358	736	1,155

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, June 1951 to June 1952

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1951 - June	3,038,744	674,548	292,715	89,927	4,095,934
July	3,141,642	812,429	156,591	60,228	4,170,890
August	3,336,624	661,984	298,568	56,870	4,354,046
September ..	4,032,990	727,844	295,604	52,943	5,109,381
October	4,206,488	738,013	278,092	86,536	5,309,129
November ..	4,204,019	811,564	276,930	54,965	5,347,478
December ..	4,521,691	759,846	234,611	58,821	5,574,969
1952 - January ...	4,579,671	707,855	308,222	66,506	5,662,254
February ..	5,250,629	764,412	305,521	73,663	6,394,225
March	5,692,421	947,457	349,817	96,419	7,086,114
April	5,858,979	888,670	312,418	73,696	7,133,763
May	5,715,375	850,562	387,516	80,024	7,033,477
June	4,857,597	746,490	297,110	106,216	6,007,413

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification, June 1951 to June 1952. Of the 2,393,486 pounds consumed in June 1952, 90,537 pounds were consumed in the form of dispersions and 2,302,949 pounds as other than dispersions. For summary data on Reclaim and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 10 - Consumption of Reclaim Rubber in Total by End Products,
June 1951 to June 1952, Showing also Percentages of Reclaim
to all Rubber Consumed.

	Reclaim		Used in the Manufacture of			
	Total	Percentage of all Rubber	Tires and Tubes	Wire and Cable	Foot- wear	Other Pro- ducts
	000's pounds	per cent	000's pounds	000's pounds	000's pounds	000's pounds
1951 - June	2,776	19.3	1,438	13	230	1,094
July	2,587	18.3	1,474	6	160	947
August	2,448	18.6	1,292	9	236	911
September ..	2,476	16.8	1,444	15	155	862
October	2,832	18.3	1,613	13	228	978
November ...	2,413	16.8	1,437	15	168	793
December ...	2,294	15.9	1,408	13	129	744
1952 - January	2,522	17.1	1,455	13	192	862
February ...	2,483	16.1	1,405	18	183	877
March	2,698	16.3	1,516	9	225	948
April	2,978	17.7	1,737	14	210	1,017
May	2,705	17.1	1,401	39	203	1,062
June	2,393	17.0	1,306	16	194	877

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