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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

JULY, 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 July, 1952, as compared with June, 1952, shows a decrease in natural of 878,524 pounds, a decrease in synthetic of 1,107,078 pounds, and a decrease in reclaim of 298,801 pounds, the total decrease being 2,284,403 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 1,003,581 pounds, consumption in rubber footwear decreased by 408,409 pounds, in wire and cable decreased by 219,045 pounds and in other products decreased by 653,368 pounds, making the total decrease of 2,284,403 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, July 1951 to July 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-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
July	4,533	7,533	1,418	6,412	246	2,125	2,185	935

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 July 1, 1952	Production	Inventory July 31, 1952
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	27	-	24
Total Natural Rubber	27	-	24
<u>Synthetic Rubber</u>			
Buna-S	2,376	4,451	2,801
Butyl	796	1,360	843
Neoprene	31	-	33
All Other	1,313	601	1,433
Total Synthetic Rubber	4,516	6,412	5,110
<u>Reclaim Rubber</u>			
Dispersions	16	37	26
Other than Dispersions	116	209	66
Total Reclaim Rubber	132	246	92
GRAND TOTAL	4,675	6,658	5,226

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

Type of Rubber	Inventory July 1, 1952	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory July 31, 1952
<u>Natural Rubber</u>					
Crude Rubber	3,889	2,400	1,956	-	4,333
Natural Latex	153	199	169	7	176
Total Natural Rubber ...	4,042	2,599	2,125	7	4,509
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,534	1,862	1,680	-	1,716
Buna-S, Latex	104	71	76	-	99
Buna-N	21	7	7	-	21
Butyl	311	324	301	-	334
Neoprene	198	115	90	-	223
All Other	32	37	31	8	30
Total Synthetic Rubber	2,200	2,416	2,185	8	2,423
<u>Reclaim Rubber</u>					
Dispersions	43	54	31	-	66
Other than Dispersions ...	1,294	875	904	5	1,260
Total Reclaim Rubber ...	1,337	929	935	5	1,326
GRAND TOTAL	7,579	5,944	5,245	20	8,258

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, July 1952

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,265,285	3,303,455	1,254,060	7,822,800
2. Wire and cable	23,532	199,766	9,080	232,378
3. Footwear (including heels, soles, etc.)	454,206	527,143	126,697	1,108,046
4. Other products	1,016,665	869,971	704,848	2,591,484
TOTAL	4,759,688	4,900,335	2,094,685	11,754,708

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 July 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, July 1951 to July 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, July 1952

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,228,346	36,939	3,265,285
2. Wire and cable	23,532	-	23,532
3. Footwear (including heels, soles, etc.)	452,861	1,345	454,206
4. Other products	676,762	339,903	1,016,665
TOTAL	4,381,501	378,187	4,759,688

Table 6 - Consumption of Natural Rubber in Total, by End Products, July
1951 to July 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-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
July	4,760	40.5	3,265	24	454	1,017

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Section C. Synthetic Rubber

The July 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, July 1952

	<u>Buna-S</u>		Buna-N	Butyl	Neoprene	Other	<u>Total</u>
	Solid	Latex					<u>Synthetic</u>
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	2,641,432	67,973	160	590,329	3,561	-	3,303,455
2. Wire and cable ..	100,823	-	-	7,158	91,785	-	199,766
3. Footwear (including heels, soles, etc.) ..	465,848	311	-	-	5,331	55,653	527,143
4. Other Products ..	554,972	103,217	16,398	77,680	102,180	15,524	869,971
TOTAL	3,763,075	171,501	16,558	675,167	202,857	71,177	4,900,335

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

Year and Month	<u>Synthetic Rubber</u>		<u>Used in the Manufacture of</u>			
	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-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
July	4,900	41.6	3,303	200	527	870

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1951-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
July	3,934,576	675,167	202,857	87,735	4,900,335

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification, July 1951 to July 1952. Of the 2,094,685 pounds consumed in July 1952, 69,760 pounds were consumed in the form of dispersions and 2,024,925 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, July 1951 to July 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 Products
	000's pounds	per cent	000's pounds	000's pounds	000's pounds	000's pounds
1951-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
July	2,095	17.9	1,254	9	127	705

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