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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

JULY, 1953

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 by consuming manufactures 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, 1953 as compared with June, 1953 shows a decrease in natural of 1,133,735 pounds, a decrease in synthetic of 1,453,113 pounds and a decrease in reclaim of 572,166 pounds, the total decrease being 3,159,014 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 1,422,780 pounds, consumption in rubber footwear decreased by 369,760 pounds, in wire and cable decreased by 303,556 pounds and in other products decreased by 1,062,918 pounds, making the total decrease of 3,159,014 pounds mentioned above.

Prepared in General Manufactures Section.

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, 1939-1952, and Actual Monthly Totals, January to July 1953.

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

	Stocks, End of Period			Domestic Production		Consumption		
	Natural	Syn- thetic	Re- claim	Syn- thetic	Re- claim	Natural	Syn- thetic	Re- claim
<b>Monthly Averages</b>								
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
<b>1953 - January .</b>								
February.	3,887	4,636	1,488	6,779	378	2,942	3,111	1,217
March ...	4,581	4,721	1,450	6,398	406	3,279	3,400	1,313
April ...	3,991	4,899	1,397	7,276	407	3,260	3,408	1,347
May .....	3,504	3,537	1,639	5,894	381	3,090	3,400	1,276
June .....	4,270	4,589	1,592	7,597	389	3,101	3,180	1,225
July .....	3,892	4,297	1,588	6,693	370	3,216	3,443	1,318
	4,685	3,497	1,403	4,930	329	2,710	2,795	1,062



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory July 1, 1953	Production	Inventory July 31, 1953
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	21	-	22
Total Natural Rubber .....	21	-	22
<u>Synthetic Rubber</u>			
Buna-S .....	1,119	3,027	683
Butyl .....	791	1,448	871
Neoprene .....	35	-	49
All Other .....	347	455	122
Total Synthetic Rubber .....	2,292	4,930	1,725
<u>Reclaim Rubber</u>			
Dispersions .....	21	39	37
Other than Dispersions .....	79	290	42
Total Reclaim Rubber .....	100	329	79
GRAND TOTAL .....	2,413	5,259	1,826

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

Type of Rubber	Inventory July 1, 1953	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory July 31, 1953
<u>Natural Rubber</u>					
Crude Rubber .....	3,698	3,251	2,510	-	4,439
Natural Latex .....	173	291	200	40	224
Total Natural Rubber .....	3,871	3,542	2,710	40	4,663
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,345	1,971	2,227	-	1,089
Buna-S, Latex .....	119	64	79	-	104
Buna-N .....	22	13	12	-	23
Butyl .....	272	344	337	-	279
Neoprene .....	185	137	90	1	231
All Other .....	62	39	50	5	46
Total Synthetic Rubber .....	2,005	2,568	2,795	6	1,772
<u>Reclaim Rubber</u>					
Dispersions .....	84	16	24	-	76
Other than Dispersions .....	1,404	882	1,038	-	1,248
Total Reclaim Rubber .....	1,488	898	1,062	-	1,324
GRAND TOTAL .....	7,364	7,008	6,567	46	7,759

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, 1953

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,694,145	5,247,383	1,722,137	11,663,665
2. Wire and cable .....	73,982	424,943	12,111	511,036
3. Footwear (including heels, soles, etc.) .....	716,010	792,248	175,707	1,683,965
4. Other products .....	1,719,782	1,252,075	1,042,817	4,014,674
<b>TOTAL .....</b>	<b>7,203,919</b>	<b>7,716,649</b>	<b>2,952,772</b>	<b>17,873,340</b>

Table 3(b) - Consumption of all Rubber, by Types and by End Product  
Classification, July, 1953.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,236,544	4,480,928	1,523,413	10,240,885
2. Wire and cable .....	41,100	166,235	145	207,480
3. Footwear (including heels, soles, etc.) .....	536,946	669,659	107,600	1,314,205
4. Other products .....	1,255,594	946,714	749,448	2,951,756
<b>TOTAL .....</b>	<b>6,070,184</b>	<b>6,263,536</b>	<b>2,380,606</b>	<b>14,714,326</b>

Table 4 - Consumption of all Rubber in Total, by Types, showing  
Percentages of Each Type to all Rubber Consumed, 1939 to 1952.

	Natural		Synthetic		Reclaim	
	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



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Section B. Natural Rubber

The July 1953 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 1952 to July 1953 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 1953.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,225,022	11,522	4,236,544
2. Wire and cable .....	41,100	-	41,100
3. Footwear (including heels, soles, etc.) .....	536,547	399	536,946
4. Other products .....	819,232	436,362	1,255,594
TOTAL .....	5,621,901	448,283	6,070,184

Table 6 - Consumption of Natural Rubber in Total, by End Products, July 1952  
to July 1953, 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
1952 - July .....	4,760	40.5	3,265	24	454	1,017
August .....	4,444	40.8	2,484	84	802	1,074
September ....	6,290	42.7	3,972	83	859	1,376
October .....	7,275	43.8	4,877	80	942	1,376
November .....	7,577	43.6	5,221	91	779	1,486
December .....	6,391	40.0	4,348	66	554	1,423
1953 - January .....	6,589	40.5	4,444	80	626	1,439
February .....	7,346	41.0	4,650	77	768	1,851
March .....	7,302	40.7	4,504	95	798	1,905
April .....	6,921	39.8	4,417	81	745	1,678
May .....	6,945	41.3	4,463	68	727	1,687
June .....	7,204	40.3	4,694	74	716	1,720
July .....	6,070	41.3	4,236	41	537	1,256

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Section C. Synthetic Rubber

The July 1953 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 1953.

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials ...	3,697,647	90,950	-	679,565	12,766	-	4,480,928
2. Wire and cable	100,222	-	-	4,553	61,460	-	166,235
3. Footwear (including heels, soles, etc.).	570,509	-	-	-	13,368	85,782	669,659
4. Other Products	619,499	86,375	27,221	71,693	114,741	27,185	946,714
TOTAL .....	4,987,877	177,325	27,221	755,811	202,335	112,967	6,263,536

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, July 1952 to July 1953, Showing also Percentages 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
1952 - July .....	4,900	41.6	3,303	200	527	870
August .....	4,698	43.2	2,632	383	732	951
September .....	5,873	39.9	3,691	346	727	1,109
October .....	6,517	39.2	4,127	354	875	1,161
November .....	7,072	40.7	4,410	458	929	1,275
December .....	6,882	43.0	4,541	357	835	1,149
1953 - January .....	6,968	42.8	4,673	385	797	1,113
February .....	7,617	42.6	4,981	391	959	1,286
March .....	7,633	42.5	5,050	391	895	1,297
April .....	7,614	43.8	5,055	447	862	1,250
May .....	7,124	42.4	4,918	356	669	1,181
June .....	7,716	43.2	5,247	425	792	1,252
July .....	6,264	42.5	4,481	166	670	947



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Table 9 - Consumption of Synthetic Rubber, by Types, July 1952 to July 1953.

Year and Month	Buna-S pounds	Butyl pounds	Neoprene pounds	Other pounds	Total pounds
1952 - July .....	3,934,576	675,167	202,857	87,735	4,900,335
August .....	3,775,083	494,292	311,248	117,466	4,698,089
September .....	4,660,454	760,456	312,072	140,425	5,873,407
October .....	5,233,065	826,599	314,452	142,852	6,516,968
November .....	5,632,928	890,568	392,313	156,652	7,072,461
December .....	5,538,899	851,779	312,717	178,677	6,882,072
1952 - January .....	5,537,097	950,077	311,717	169,346	6,968,237
February .....	6,147,469	983,260	315,225	170,816	7,616,770
March .....	6,026,536	1,115,227	323,919	168,224	7,633,906
April .....	6,116,766	954,018	374,056	169,544	7,614,384
May .....	5,670,984	949,100	359,394	144,432	7,123,910
June .....	6,228,278	957,342	365,846	165,183	7,716,649
July .....	5,165,202	755,811	202,335	140,188	6,263,536

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification July 1952 to July 1953. Of the 2,380,606 pounds consumed in July 1953, 54,447 pounds were consumed in the form of dispersions and 2,326,159 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 1952 to July 1953, 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
1952 - July .....	2,095	17.9	1,254	9	127	705
August .....	1,741	16.0	914	8	187	632
September .....	2,572	17.4	1,339	12	215	1,006
October .....	2,825	17.0	1,499	9	288	1,029
November .....	2,731	15.7	1,471	9	219	1,032
December .....	2,723	17.0	1,502	10	203	1,008
1953 - January .....	2,726	16.7	1,632	6	195	893
February .....	2,941	16.4	1,635	6	207	1,093
March .....	3,015	16.8	1,707	14	179	1,115
April .....	2,860	16.4	1,531	16	173	1,140
May .....	2,745	16.3	1,561	8	149	1,027
June .....	2,953	16.5	1,722	12	176	1,043
July .....	2,380	16.2	1,523	-	108	749

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