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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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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 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, 1953 as compared with May, 1953 shows an increase in natural of 258,794 pounds, an increase in synthetic of 592,739 pounds, and an increase in reclaim of 207,573 pounds, the total increase being 1,059,106 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 721,996 pounds, consumption in rubber footwear increased by 138,447 pounds, in wire and cable increased by 79,710 pounds and in other products increased by 118,953 pounds, making the total increase of 1,059,106 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, 1939-1952, and Actual Monthly Totals, January to June 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
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
1952	4,255	6,925	1,567	6,189	382	2,792	2,799	1,133
1953 - January .	3,887	4,636	1,488	6,779	378	2,942	3,111	1,217
February.	4,581	4,721	1,450	6,398	406	3,279	3,400	1,313
March ...	3,991	4,899	1,397	7,276	407	3,260	3,408	1,347
April ...	3,504	3,537	1,639	5,894	381	3,090	3,400	1,276
May	4,270	4,589	1,592	7,597	389	3,101	3,180	1,225
June	3,892	4,297	1,588	6,693	370	3,216	3,443	1,318

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 June 1, 1953	Production	Inventory June 30, 1953
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	26	-	21
Total Natural Rubber	26	-	21
<u>Synthetic Rubber</u>			
Buna-S	1,330	4,359	1,119
Butyl	1,010	1,376	791
Neoprene	39	-	35
All Other	289	958	347
Total Synthetic Rubber ...	2,668	6,693	2,292
<u>Reclaim Rubber</u>			
Dispersions	47	23	21
Other than Dispersions	64	347	79
Total Reclaim Rubber	111	370	100
GRAND TOTAL	2,805	7,063	2,413

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

Type of Rubber	Inventory June 1, 1953	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports etc.)	Inventory June 30, 1953
<u>Natural Rubber</u>					
Crude Rubber	3,990	2,649	2,941	-	3,698
Natural Latex	254	195	275	1	173
Total Natural Rubber	4,244	2,844	3,216	1	3,871
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,231	2,799	2,685	-	1,345
Buna-S, Latex	110	109	95	5	119
Buna-N	20	12	10	-	22
Butyl	290	409	427	-	272
Neoprene	223	128	163	3	185
All Other	47	86	63	8	62
Total Synthetic Rubber ..	1,921	3,543	3,443	16	2,005
<u>Reclaim Rubber</u>					
Dispersions	94	27	37	-	84
Other than Dispersion	1,387	1,298	1,281	-	1,404
Total Reclaim Rubber	1,481	1,325	1,318	-	1,488
GRAND TOTAL	7,646	7,712	7,977	17	7,364

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
TOTAL	7,203,919	7,716,649	2,952,772	17,873,340

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,462,757	4,917,558	1,561,354	10,941,669
2. Wire and cable	67,620	355,921	7,785	431,326
3. Footwear (including heels, soles, etc.)	727,397	669,218	148,903	1,545,518
4. Other products	1,687,351	1,181,213	1,027,157	3,895,721
TOTAL	6,945,125	7,123,910	2,745,199	16,814,234

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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The June 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, June 1952 to June 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, June 1953.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,675,479	18,666	4,694,145
2. Wire and cable	73,982	-	73,982
3. Footwear (including heels, soles, etc.)	710,254	5,756	716,010
4. Other products	1,127,769	592,013	1,719,782
TOTAL	6,587,484	616,435	7,203,919

Table 6 - Consumption of Natural Rubber in Total, by End Products, June 1952 to June 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 - June	5,638	40.2	3,762	78	585	1,213
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The June 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, June 1953.

	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	4,290,876	107,165	-	836,022	13,320	-	5,247,383
2. Wire and cable ..	221,949	-	-	9,316	193,678	-	424,943
3. Footwear (including heels, soles, etc.) ...	672,119	-	-	25	8,533	111,571	792,248
4. Other Products ..	830,614	105,555	23,734	111,979	150,315	29,878	1,252,075
TOTAL	6,015,558	212,720	23,734	957,342	365,846	141,449	7,716,649

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, June 1952 to June 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 - June	6,007	42.8	3,758	358	736	1,155
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

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1952 - 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
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
1953 - 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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification June 1952 to June 1953. Of the 2,952,772 pounds consumed in June 1953, 82,015 pounds were consumed in the form of dispersions and 2,870,757 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 1952 to June 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 products
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
1952 - June	2,393	17.0	1,306	16	194	877
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

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