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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 September 1953 as compared with August 1953 shows an increase in natural of 1,760,140 pounds, an increase in synthetic of 950,986 pounds and an increase in reclaim of 782,462 pounds, the total increase being 3,493,588 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 2,844,959 pounds, consumption in rubber footwear decreased by 22,530 pounds, in wire and cable decreased by 41,066 pounds and in other products increased by 712,225 pounds, making the total increase of 3,493,588 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 September 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 -</b>								
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
July ....	4,685	3,497	1,403	4,403	329	2,710	2,795	1,062
August ..	4,109	4,112	1,523	6,436	356	2,450	2,243	896
September	5,594	4,975	1,506	7,248	391	3,236	2,667	1,245



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 September 1, 1953	Production	Inventory September 30, 1953
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	47	-	44
Total Natural Rubber ..	47	-	44
<u>Synthetic Rubber</u>			
Buna-S .....	1,023	4,842	1,350
Butyl .....	1,056	1,503	1,107
Neoprene .....	45	-	43
All Other .....	221	903	233
Total Synthetic Rubber	2,345	7,248	2,733
<u>Reclaim Rubber</u>			
Dispersions .....	25	28	33
Other than Dispersions .	86	363	56
Total Reclaim Rubber ..	111	391	89
GRAND TOTAL .....	2,503	7,639	2,866

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

Type of Rubber	Inventory September 1, 1953	Receipts (Imports, etc)	Con- sump- tion	Sales (Exports, etc.)	Inventory September 30, 1953
<u>Natural Rubber</u>					
Crude Rubber .....	3,804	4,483	2,935	-	5,352
Natural Latex .....	258	256	301	15	198
Total Natural Rubber ..	4,062	4,739	3,236	15	5,550
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,122	2,494	2,052	-	1,564
Buna-S, Latex .....	72	110	87	20	75
Buna-N .....	25	11	11	-	25
Butyl .....	252	370	306	-	316
Neoprene .....	250	148	170	5	223
All Other .....	46	41	41	7	39
Total Synthetic Rubber	1,767	3,174	2,667	32	2,242
<u>Reclaim Rubber</u>					
Dispersions .....	75	16	27	-	64
Other than Dispersions .	1,337	1,234	1,218	-	1,353
Total Reclaim Rubber	1,412	1,250	1,245	-	1,417
GRAND TOTAL .....	7,241	9,163	7,148	47	9,209

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, August, 1953

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	3,327,144	2,887,782	1,005,477	7,220,403
2. Wire and cable .....	58,141	490,870	9,138	558,149
3. Footwear (including heels, soles, etc.) .....	821,809	647,164	187,352	1,656,325
4. Other products .....	1,281,764	999,654	805,714	3,087,132
TOTAL .....	5,488,858	5,025,470	2,007,681	12,522,009

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,591,702	3,887,837	1,585,823	10,065,362
2. Wire and cable .....	86,355	423,288	7,440	517,083
3. Footwear (including heels, soles, etc.) .....	843,433	629,023	161,339	1,633,795
4. Other products .....	1,727,508	1,036,308	1,035,541	3,799,357
TOTAL .....	7,248,998	5,976,456	2,790,143	16,015,597

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 September 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, September 1952 to September 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, September 1953.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,580,876	10,826	4,591,702
2. Wire and cable .....	86,010	345	86,355
3. Footwear (including heels, soles, etc.) .....	840,673	2,760	843,433
4. Other products .....	1,067,154	660,354	1,727,508
TOTAL .....	6,574,713	674,285	7,248,998

Table 6 - Consumption of Natural Rubber in Total, by End Products, September 1952 to September 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 - 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
August .....	5,489	43.9	3,327	58	822	1,282
September ...	7,249	45.3	4,592	86	843	1,728



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The September 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, September 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 ...	3,173,934	91,173	240	606,319	16,171	-	3,887,837
2. Wire and cable	211,100	-	-	7,838	204,350	-	423,288
3. Footwear (including heels, soles, etc.) .	545,326	-	80	-	15,543	68,074	629,023
4. Other Products	667,461	104,474	24,025	71,809	144,725	23,814	1,036,308
TOTAL .....	4,597,821	195,647	24,345	685,966	380,789	91,888	5,976,456

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, September 1952 to September 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 - 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
August .....	5,026	40.1	2,888	491	647	1,000
September ...	5,976	37.3	3,888	423	629	1,036

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1952 - 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
August .....	3,923,915	558,862	424,353	118,340	5,025,470
September .....	4,793,468	685,966	380,789	116,233	5,976,456

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification September 1952 to September 1953. Of the 2,790,143 pounds consumed in September 1953, 61,333 pounds were consumed in the form of dispersions and 2,728,810 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 September 1952 to September 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	Footwear	Other products
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
1952 - 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
August .....	2,007	16.0	1,005	9	187	806
September .....	2,790	17.4	1,586	7	161	1,036

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