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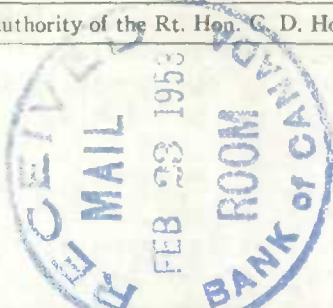
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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

December, 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 December, 1952 as compared with November, 1952 shows a decrease in natural of 1,186,347 pounds, a decrease in synthetic of 190,389 pounds, and a decrease in reclaim of 8,178 pounds, the total decrease being 1,384,914 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 711,193 pounds, consumption in rubber footwear decreased by 335,021 pounds, in wire and cable decreased by 124,939 pounds and in other products decreased by 213,761 pounds, making the total decrease of 1,384,914 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, where-ever 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 1952 to December 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
<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
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
August .....	4,491	7,918	1,367	6,238	286	1,984	2,097	777
September ..	4,745	8,164	1,359	6,702	415	2,808	2,622	1,148
October ...	3,903	7,349	1,379	6,362	419	3,247	2,908	1,260
November ..	3,036	6,298	1,463	5,804	419	3,382	3,155	1,219
December...	3,546	4,743	1,621	4,899	428	2,853	3,073	1,216



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 Dec. 1, 1952	Production	Inventory Dec. 31, 1952
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	8	-	21
Total Natural Rubber .....	8	-	21
<u>Synthetic Rubber</u>			
Buna-S .....	2,264	3,055	933
Butyl .....	1,330	1,586	1,257
Neoprene .....	26	-	22
All Other .....	777	258	436
Total Synthetic Rubber .....	4,397	4,899	2,648
<u>Reclaim Rubber</u>			
Dispersions .....	18	26	12
Other than Dispersions .....	57	402	148
Total Reclaim Rubber .....	75	428	160
GRAND TOTAL .....	4,480	5,327	2,829

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

Type of Rubber	Inventory Dec. 1, 1952	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Dec. 31, 1952
<u>Natural Rubber</u>					
Crude Rubber .....	2,815	3,256	2,630	83	3,358
Natural Latex .....	213	181	223	4	167
Total Natural Rubber	3,028	3,437	2,853	87	3,525
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,386	2,509	2,393	-	1,502
Buna-S, Latex .....	75	61	80	-	56
Buna-N .....	24	7	10	-	21
Butyl .....	250	420	380	-	290
Neoprene .....	110	212	140	-	182
All Other .....	56	65	70	7	44
Total Synthetic Rubber	1,901	3,274	3,073	7	2,095
<u>Reclaim Rubber</u>					
Dispersions .....	62	44	47	-	59
Other than Dispersions	1,326	1,245	1,169	-	1,402
Total Reclaim Rubber	1,338	1,289	1,216	-	1,461
GRAND TOTAL .....	6,317	8,000	7,142	94	7,081

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, December 1952

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,347,765	4,540,869	1,502,356	10,390,990
2. Wire and cable .....	65,447	357,564	10,108	433,119
3. Footwear (including heels, soles, etc.) .....	554,092	834,751	203,287	1,592,130
4. Other products .....	1,423,350	1,148,888	1,007,590	3,579,828
TOTAL .....	6,390,654	6,882,072	2,723,341	15,996,067

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	5,220,811	4,410,034	1,471,338	11,102,183
2. Wire and cable .....	90,598	458,460	9,000	558,058
3. Footwear (including heels, soles, etc.) .....	779,250	928,532	219,369	1,927,151
4. Other products .....	1,486,342	1,275,435	1,031,812	3,793,589
TOTAL .....	7,577,001	7,072,461	2,731,519	17,380,981

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

Year	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 December 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, December 1951 to December 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, December 1952.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,327,115	20,650	4,347,765
2. Wire and cable .....	65,447	-	65,447
3. Footwear (including heels, soles, etc.) .....	551,146	2,946	554,092
4. Other products .....	946,902	476,448	1,423,350
TOTAL .....	5,890,610	500,044	6,390,654

Table 6 - Consumption on Natural Rubber in Total, by End Products, December 1951 to December 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 - 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
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



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The December 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, December 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	3,683,781	103,518	-	751,861	1,709	-	4,540,869
2. Wire and Cable.....	177,457	-	-	8,985	171,122	-	357,564
3. Footwear (including heels, soles, etc.).	706,043	108	-	-	6,977	121,623	834,751
4. Other Products	792,215	75,777	22,875	90,933	132,909	34,179	1,148,888
TOTAL.....	5,359,496	179,403	22,875	851,779	312,717	155,802	6,882,072

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, December 1951 to December 1952, 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
1951 - 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
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

# CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Tabel 9 - Consumption of Synthetic Rubber, by Types, December 1951 to December 1952.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1951 - 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
August .....	3,775,083	494,292	311,248	117,466	4,498,089
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

## Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification, December 1951 to December 1952. Of the 2,723,341 pounds consumed in December 1952, 104,333 pounds were consumed in the form of dispersions and 2,619,008 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, December 1951 to December 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 - 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
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

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