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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

November, 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 November, 1952 as compared with October, 1952 shows an increase in natural of 302,085 pounds, an increase in synthetic of 555,493 pounds, and a decrease in reclaim of 93,045 pounds, the total increase being 764,533 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 600,241 pounds, consumption in rubber footwear decreased by 178,155 pounds, in wire and cable increased by 114,536 pounds and in other products increased by 227,911 pounds, making the total increase of 764,533 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, 1939-1951, and Actual Monthly Totals, November 1951 to November 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 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
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

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 Nov. 1, 1952	Production	Inventory Nov. 30, 1952
Natural Rubber			
Crude Rubber	-	-	-
Natural Latex	33	-	8
Total Natural Rubber	33	-	8
Synthetic Rubber			
Buna-S	2,881	4,284	2,264
Butyl	1,339	1,463	1,330
Neoprene	29	-	26
All Other	1,243	57	777
Total Synthetic Rubber	5,492	5,804	4,397
Reclaim Rubber			
Dispersions	23	22	18
Other than Dispersions	65	397	57
Total Reclaim Rubber	88	419	75
GRAND TOTAL	5,613	6,223	4,480

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

Type of Rubber	Inventory Nov. 1, 1952	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Nov. 30 1952
Natural Rubber					
Crude Rubber	3,733	2,267	3,159	26	2,815
Natural Latex	137	308	223	9	213
Total Natural Rubber	3,870	2,575	3,382	35	3,028
Synthetic Rubber					
Buna-S, Solid	1,289	2,520	2,423	-	1,386
Buna-S, Latex	95	84	91	13	75
Buna-N	22	13	11	-	24
Butyl	257	390	397	-	250
Neoprene	162	124	175	1	110
All Other	32	87	58	5	56
Total Synthetic Rubber	1,857	3,218	3,155	19	1,901
Reclaim Rubber					
Dispersions	79	29	46	-	62
Other than Dispersions	1,212	1,287	1,173	-	1,326
Total Reclaim Rubber	1,291	1,316	1,219	-	1,388
GRAND TOTAL	7,018	7,109	7,756	54	6,317

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, October 1952

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,876,510	4,126,660	1,498,772	10,501,942
2. Wire and cable	79,922	354,558	9,042	443,522
3. Footwear (including heels, soles, etc.)	942,024	875,186	288,096	2,105,306
4. Other products	1,376,460	1,160,564	1,028,654	3,565,678
TOTAL	7,274,916	6,516,968	2,824,564	16,616,448

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 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 November 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, November 1951 to November 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, November 1952.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,194,746	26,065	5,220,811
2. Wire and cable	90,598	-	90,598
3. Footwear (including heels, soles, etc.)	775,995	3,255	779,250
4. Other products	1,015,721	470,621	1,486,342
TOTAL	7,077,060	499,941	7,577,001

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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The November 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, November 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 ..	3,515,227	94,897	-	797,089	2,821	-	4,410,034
2. Wire and Cable	229,087	-	-	8,763	220,610	-	458,460
3. Footwear (including heels, soles, etc.).	809,997	215	-	90	11,867	106,363	928,532
4. Other Products	874,141	109,364	26,136	84,626	157,015	24,153	1,275,435
TOTAL	5,428,452	204,476	26,136	890,568	392,313	130,516	7,072,461

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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1951 - 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
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification, November 1951 to November 1952. Of the 2,731,519 pounds consumed in November 1952, 103,487 pounds were consumed in the form of dispersions and 2,628,032 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, November 1951 to November 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 - 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
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

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