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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

March, 1951

The statistics made available monthly in this report are considered only 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 March, 1951 as compared with February, 1951 shows an increase in natural of 641,269 pounds, an increase in synthetic of 88,704 pounds, and an increase in reclaim of 272,091 pounds, the total increase being 1,002,064 pounds. Considering the situation in terms of end product use, it may be noted that the consumption of all rubber in the production of tires and tubes, including tire repair materials, increased by 447,608 pounds, consumption in rubber footwear increased by 138,453 pounds, in wire and cable increased by 21,421 pounds and in other products increased by 394,582 pounds, making the total increase of 1,002,064 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 classifications, 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, Domestic Consumption showing Monthly Averages, 1939-1950, and Actual Monthly totals, March 1950 to March 1951.

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

Period	Stocks, End of Period			Domestic Production		Consumption		
	Natural	Synthetic	Reclaim	Synthetic	Reclaim	Natural	Synthetic	Reclaim
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.	4,560	-	-	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
1950 - March	4,983	4,110	1,607	5,290	322	3,916	1,683	1,139
April	5,272	4,700	1,652	4,604	343	3,477	1,640	1,059
May	5,714	3,743	1,540	4,744	436	3,588	1,837	1,134
June	4,416	3,278	1,599	4,489	401	4,041	1,817	1,234
July	3,561	3,297	1,532	4,777	193	3,626	1,682	1,062
August	3,521	3,109	1,564	4,977	385	3,079	1,947	975
September	4,063	3,250	1,716	4,984	376	3,788	2,271	1,167
October	3,981	3,038	1,595	5,142	442	4,402	2,260	1,300
November	3,446	2,850	1,648	5,220	501	4,397	2,114	1,379
December	3,421	3,015	1,755	5,243	449	4,506	2,169	1,381
1951 - January ...	4,120	3,164	1,819	5,288	479	4,323	2,227	1,463
February	4,153	2,676	1,965	4,726	460	4,339	2,225	1,487
March	4,990	3,011	2,045	5,276	486	4,626	2,263	1,609

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 March 1, 1951	Production	Inventory March 31, 1951
<u>Natural Rubber -</u>			
Crude Rubber	-	-	-
Natural Latex	64	-	58
Total Natural Rubber	64	-	58
<u>Synthetic Rubber -</u>			
Buna-S	523	3,319	796
Butyl	439	1,194	336
Neoprene	24	-	21
All other	140	763	222
Total Synthetic Rubber	1,126	5,276	1,375
Total Natural and Synthetic	1,190	5,276	1,433
<u>Reclaim Rubber -</u>			
Dispersions	17	43	12
Other than dispersions	138	443	155
Total Reclaim Rubber	155	486	167
GRAND TOTAL	1,345	5,762	1,600

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

Type of Rubber	Inventory Mar. 1, 1951	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Mar. 31, 1951
<u>Natural Rubber -</u>					
Crude Rubber	3,825	5,231	4,385	-	4,671
Natural Latex	264	250	241	12	261
Total Natural Rubber	4,089	5,481	4,626	12	4,932
<u>Synthetic Rubber -</u>					
Buna-S, Solid	1,010	1,678	1,607	-	1,081
Buna-S, Latex	78	59	53	-	84
Buna-N	21	18	10	-	29
Butyl	279	427	444	-	262
Neoprene	121	115	112	-	124
All other	41	55	37	3	56
Total Synthetic	1,550	2,352	2,263	3	1,636
Total Natural and Synthetic	5,639	7,833	6,889	15	6,568
<u>Reclaim Rubber -</u>					
Dispersions	85	90	54	-	121
Other than dispersions	1,725	1,587	1,555	-	1,757
Total Reclaim Rubber	1,810	1,677	1,609	-	1,878
GRAND TOTAL	7,449	9,510	8,498	15	8,446

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A.- Summary Data (Concluded)

Table 3 - Consumption of all Rubber, by Types and by End Product
Classification, March 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	7,405,444	2,841,684	1,828,351	12,075,479
2. Wire and cable	61,641	335,163	17,904	414,708
3. Footwear (including heels, soles, etc.)	973,191	854,107	376,914	2,204,212
4. Other products	1,921,740	1,040,052	1,381,021	4,342,813
TOTAL	10,362,016	5,071,006	3,604,190	19,037,212

Table 4. - Consumption of all Rubber in Total, by Types,
Showing Percentages of Each Type to all
Rubber Consumed, 1939 to 1950.

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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B, Natural Rubber

The March 1951 consumption of Natural Rubber, showing crude rubber and natural latex separately and arranged according to end products classifications, is shown in Table 5. Summary data, by months, March 1950 to March 1951, 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, March 1951.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	7,348,014	57,430	7,405,444
2. Wire and cable	61,641	-	61,641
3. Footwear (including heels, soles, etc)	969,853	3,338	973,191
4. Other products	1,441,778	479,962	1,921,740
TOTAL	9,821,286	540,730	10,362,016

Table 6. - Consumption of Natural Rubber in Total, by End Products, March 1950 to March 1951, showing also percentage of Natural to All Rubber Consumed.

Year and Month	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
1950 - March	8,772	58.1	5,849	95	1,091	1,737
April	7,790	56.3	5,245	65	944	1,536
May	8,036	54.7	5,450	80	967	1,539
June	9,052	57.0	6,472	64	967	1,549
July	8,122	56.9	6,005	48	640	1,429
August	6,898	51.3	4,414	78	908	1,498
September ...	8,484	52.4	5,815	56	1,061	1,552
October	9,860	55.3	7,060	67	1,033	1,700
November	9,849	55.7	7,004	68	1,113	1,664
December	10,093	55.9	7,112	69	983	1,929
1951 - January	9,683	53.9	6,930	71	1,025	1,657
February	9,721	53.9	7,025	73	946	1,677
March	10,362	54.5	7,405	62	973	1,922

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The March 1951 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, March 1951.

End Products	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	1,861,465	67,170	301	911,008	1,740	-	2,841,684
2. Wire and cable	219,538	-	-	1,575	114,050	-	335,163
3. Footwear (including heels, soles, etc.)	780,255	1,025	-	27	5,869	66,931	854,107
4. Other products	737,608	51,066	22,367	82,984	130,003	16,024	1,040,052
TOTAL	3,598,866	119,261	22,668	995,594	251,662	82,955	5,071,006

Table 8. - Consumption of Synthetic Rubber, in Total, by End Products, March 1950 to March 1951, showing also Percentage 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
1950 - March	3,772	25.0	2,251	331	483	707
April	3,678	26.6	2,418	259	312	689
May	4,114	28.0	2,655	359	353	747
June	4,069	25.6	2,527	322	436	784
July	3,770	26.4	2,595	167	370	638
August	4,362	32.5	2,374	345	524	1,119
September ..	5,088	31.4	3,215	339	645	889
October	5,065	28.4	3,184	314	637	930
November ...	4,740	26.8	2,774	389	744	833
December ...	4,862	26.9	3,050	314	495	1,003
1951 - January	4,991	27.8	2,877	382	690	1,042
February ...	4,982	27.6	2,838	304	730	1,110
March	5,071	26.7	2,842	335	854	1,040

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9. - Consumption of Synthetic Rubber, by Types, March 1950 to March 1951

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1950 - March	2,974,268	494,534	272,921	30,651	3,772,374
April	2,931,191	505,518	214,213	27,130	3,678,052
May	3,240,788	571,476	265,749	36,054	4,114,067
June	3,247,191	518,822	272,301	31,101	4,069,415
July	3,027,299	569,205	148,396	25,495	3,770,395
August	3,551,453	479,769	293,427	37,297	4,361,946
September ..	4,059,099	741,566	250,892	36,199	5,087,756
October	3,857,537	872,361	251,845	83,455	5,065,198
November ...	3,508,092	841,037	288,979	101,836	4,739,944
December ...	3,537,670	886,508	231,835	106,032	4,862,045
1951 - January	3,692,732	907,982	283,850	106,581	4,991,145
February ...	3,573,387	1,010,066	282,233	116,616	4,982,302
March	3,718,127	995,594	251,662	105,623	5,071,006

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim, in total only, by end product classification, March 1950 to March 1951. Of the 3,604,190 pounds consumed in March 1951, 120,719 pounds were consumed in the form of dispersions and 3,483,471 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, March 1950 to March 1951, showing also Percentage of Reclaim to All Rubber Consumed.

Year and Month	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
1950 - March	2,552	16.8	1,204	23	238	1,087
April	2,374	17.1	1,151	15	184	1,024
May	2,541	17.3	1,277	20	192	1,052
June	2,765	17.4	1,310	23	238	1,194
July	2,380	16.7	1,218	8	221	933
August	2,185	16.2	963	16	216	990
September ..	2,615	16.2	1,197	16	267	1,135
October	2,914	16.3	1,490	22	277	1,125
November ...	3,090	17.5	1,427	21	303	1,339
December ...	3,094	17.2	1,545	15	298	1,236
1951 - January	3,278	18.3	1,913	16	316	1,033
February ...	3,332	18.5	1,765	16	390	1,161
March	3,604	18.9	1,828	18	377	1,381

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