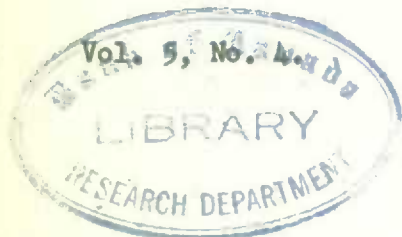


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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

April, 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 April, 1951 as compared with March, 1951 shows an increase in natural of 320,885 pounds, an increase in synthetic of 344,577 pounds, and an increase in reclaim of 134,907 pounds, the total increase being 800,369 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 606,305 pounds, consumption in rubber footwear increased by 65,378 pounds, in wire and cable increased by 8,787 pounds and in other products increased by 119,899 pounds, making the total increase of 800,369 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, April 1950 to April 1951.

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.	4,560	-	-	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	<b>2,902</b>	263	799	<b>2,061</b>	<b>1,052</b>
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	<b>2,672</b>	3,533	344	2,690	<b>2,432</b>	1,360
1948 .....	6,002	4,448	2,019	3,371	360	<b>3,464</b>	<b>1,713</b>	1,141
1949 .....	6,138	4,678	<b>1,715</b>	3,887	290	<b>3,192</b>	1,505	983
1950 .....	4,423	3,511	1,635	4,870	371	3,843	1,881	1,163
1950 - 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	<b>4,397</b>	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
April ....	4,890	3,069	2,002	4,632	486	4,769	2,417	1,669

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 April 1, 1951	Production	Inventory April 30, 1951
<u>Natural Rubber -</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	58	-	61
Total Natural Rubber .....	58	-	61
<u>Synthetic Rubber -</u>			
Buna-S .....	796	3,186	1,010
Butyl .....	336	579	63
Neoprene .....	21	-	31
All other .....	222	867	303
Total Synthetic Rubber ....	1,375	4,632	1,407
Total Natural and Synthetic ....	1,433	4,632	1,468
<u>Reclaim Rubber -</u>			
Dispersions .....	12	60	47
Other than dispersions .....	155	426	171
Total Reclaim Rubber .....	167	486	218
GRAND TOTAL .....	1,600	5,118	1,686

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

Type of Rubber	Inventory Apr. 1, 1951	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Apr. 30, 1951
<u>Natural Rubber -</u>					
Crude Rubber .....	4,671	4,422	4,523	7	4,563
Natural Latex .....	261	262	246	11	266
Total Natural Rubber ..	4,932	4,684	4,769	18	4,829
<u>Synthetic Rubber -</u>					
Buna-S, Solid .....	1,081	1,778	1,742	-	1,117
Buna-S, Latex .....	84	67	48	47	56
Buna-N .....	29	4	11	-	22
Butyl .....	262	476	456	-	282
Neoprene .....	124	138	128	-	134
All other .....	56	32	32	5	51
Total Synthetic .....	1,636	2,495	2,417	52	1,662
Total Natural and Synthetic.	6,568	7,179	7,186	70	6,491
<u>Reclaim Rubber -</u>					
Dispersions .....	121	94	57	-	158
Other than dispersions ...	1,757	1,486	1,612	5	1,626
Total Reclaim Rubber ..	1,878	1,580	1,669	5	1,784
GRAND TOTAL .....	8,446	8,759	8,855	75	8,275



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. - Summary Data (Concluded)

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials .....	7,697,284	2,974,226	2,010,274	12,681,784
2. Wire and cable .....	57,873	350,087	15,535	423,495
3. Footwear (including heels, soles, etc.) .....	1,059,622	867,179	342,789	2,269,590
4. Other products .....	1,868,122	1,224,091	1,370,499	4,462,712
TOTAL .....	10,682,901	5,415,583	3,739,097	19,837,581

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 April 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, April 1950 to April 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, April 1951.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials .....	7,653,288	43,996	7,697,284
2. Wire and cable .....	57,873	-	57,873
3. Footwear (including heels, soles, etc.) .....	1,056,821	2,801	1,059,622
4. Other products .....	1,362,796	505,326	1,868,122
<b>TOTAL .....</b>	<b>10,130,778</b>	<b>552,123</b>	<b>10,682,901</b>

Table 6. - Consumption of Natural Rubber in Total, by End Products, April 1950 to April 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 - 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
April .....	10,683	53.9	7,697	58	1,060	1,868

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The April 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, April 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	1,984,694	79,589	310	905,494	4,139	-	2,974,226
2. Wire and cable	214,182	-	-	931	134,974	-	350,087
3. Footwear (including heels, soles, etc.)	806,029	285	275	-	6,847	53,743	867,179
4. Other products	896,458	27,995	25,160	113,910	141,399	19,169	1,224,091
TOTAL	3,901,363	107,869	25,745	1,020,335	287,359	72,912	5,415,583

Table 8. - Consumption of Synthetic Rubber, in Total, by End Products, April 1950 to April 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	Foot-wear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1950 - 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
April .....	5,415	27.3	2,974	350	867	1,224



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1950 - 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 .....	3,637,670	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
April .....	4,009,232	1,020,335	287,359	98,657	5,415,583

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim, in total only, by end product classification, April 1950 to April 1951. Of the 3,739,097 pounds consumed in April 1951, 128,346 pounds were consumed in the form of dispersions and 3,610,751 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, April 1950 to April 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 - 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
April .....	3,739	18.8	2,010	16	343	1,370

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