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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

SEPTEMBER, 1951

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 September, 1951 as compared with August, 1951 shows an increase in natural of 778,716 pounds, an increase in synthetic of 755,335 pounds, and an increase in reclaim of 27,918 pounds, the total increase being 1,561,969 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 1,967,075 pounds, consumption in rubber footwear decreased by 421,646 pounds, in wire and cable decreased by 10,293 pounds and in other products increased by 26,833 pounds, making the total increase of 1,561,969 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, September 1950 to September 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
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 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
April ...	4,890	3,069	2,002	4,632	486	4,769	2,417	1,669
May .....	4,580	3,051	2,177	3,779	525	4,538	2,140	1,638
June .....	5,471	3,285	2,444	4,504	515	3,334	1,828	1,239
July ....	5,379	3,673	2,345	5,434	202	3,284	1,862	1,155
August ...	6,499	3,637	2,360	5,036	477	2,832	1,944	1,093
September.	6,485	4,412	2,548	5,568	401	3,180	2,280	1,105



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 September 1, 1951	Production	Inventory September 30, 1951
<u>Natural Rubber -</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	132	-	121
Total Natural Rubber ....	132	-	121
<u>Synthetic Rubber -</u>			
Buna-S .....	493	2,773	990
Butyl .....	533	1,309	450
Neoprene .....	18	-	17
All other .....	213	1,486	663
Total Synthetic Rubber .	1,257	5,568	2,120
Total Natural and Synthetic .	1,389	5,568	2,241
<u>Reclaim Rubber -</u>			
Dispersions .....	48	25	43
Other than dispersions ....	253	376	265
Total Reclaim Rubber ...	301	401	308
GRAND TOTAL .....	1,690	5,969	2,549

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

Type of Rubber	Inventory September 1, 1951	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory September 30, 1951
<u>Natural Rubber -</u>					
Crude Rubber .....	6,019	3,057	3,037	18	6,021
Natural Latex .....	348	144	143	6	343
Total Natural Rubber .	6,367	3,201	3,180	24	6,364
<u>Synthetic Rubber -</u>					
Buna-S, Solid .....	1,562	1,814	1,766	17	1,593
Buna-S, Latex .....	60	31	34	15	42
Buna-N .....	24	6	6	-	24
Butyl .....	480	239	325	-	394
Neoprene .....	201	123	132	2	190
All other .....	53	14	17	1	49
Total Synthetic .....	2,380	2,227	2,280	35	2,292
Total Natural and Synthetic	8,747	5,428	5,460	59	8,656
<u>Reclaim Rubber -</u>					
Dispersions .....	105	52	46	-	111
Other than dispersions .	1,954	1,234	1,059	-	2,129
Total Reclaim Rubber ..	2,059	1,286	1,105	-	2,240
GRAND TOTAL .....	10,806	6,714	6,565	59	10,896

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 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	4,108,076	2,292,346	1,291,735	7,692,157
2. Wire and cable .....	69,060	386,414	9,294	464,768
3. Footwear (including heels, soles, etc.) .....	951,680	753,044	236,423	1,941,147
4. Other products .....	1,214,858	922,242	910,914	3,048,014
TOTAL .....	6,343,674	4,354,046	2,448,366	13,146,086

Table 3 (b) - Consumption of all Rubber, by Types and by End Product Classification, September 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials.....	5,021,157	3,193,991	1,444,084	9,659,232
2. Wire and cable .....	87,549	351,597	15,329	454,475
3. Footwear (including heels, soles, etc.) .....	728,754	635,914	154,833	1,519,501
4. Other products .....	1,284,930	927,879	862,038	3,074,847
TOTAL .....	7,122,390	5,109,381	2,476,284	14,708,055

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



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Section B, Natural Rubber

The September 1951 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 1950 to September 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, September 1951.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials.....	4,990,598	30,559	5,021,157
2. Wire and cable .....	87,549	-	87,549
3. Footwear (including heels, soles, etc.) .....	723,395	5,359	728,754
4. Other products .....	1,000,773	284,157	1,284,930
<b>TOTAL .....</b>	<b>6,802,315</b>	<b>320,075</b>	<b>7,122,390</b>

Table 6. - Consumption of Natural Rubber in Total, by End Products, September 1950  
to September 1951, 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
1950 - 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
May .....	10,165	54.6	7,497	63	955	1,650
June .....	7,467	52.1	5,261	78	815	1,313
July .....	7,355	52.1	5,470	37	534	1,314
August .....	6,344	48.3	4,108	69	952	1,215
September..	7,122	48.5	5,021	87	729	1,285

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Section C. Synthetic Rubber

The September 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, September 1951.

	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	2,459,666	60,482	-	671,735	2,108	-	3,193,991
2. Wire and cable	194,372	-	-	6,675	150,550	-	351,597
3. Footwear (including heels, soles, etc) ..	620,651	-	-	-	5,736	9,527	635,914
4. Other products	682,140	15,679	13,880	49,434	137,210	29,536	927,879
TOTAL .....	3,956,829	76,161	13,880	727,844	295,604	39,063	5,109,381

Table 8. - Consumption of Synthetic Rubber, in Total, by End Products, September 1950 to September 1951, showing also Percentage of Synthetic to all Rubber Consumed.

Year and Month	Synthetic Rubber		Used in 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 - September ...	5,088	31.4	3,215	339	654	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
May .....	4,795	25.7	2,613	356	797	1,029
June .....	4,096	28.6	2,108	354	634	1,000
July .....	4,171	29.6	2,692	181	480	818
August .....	4,354	33.1	2,292	387	753	922
September ...	5,109	34.7	3,194	352	635	928



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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1950 - 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	5,071,066
April .....	4,009,232	1,020,335	287,359	98,657	5,415,583
May .....	3,571,331	873,327	246,971	103,618	4,795,247
June .....	3,038,744	674,548	292,715	89,927	4,095,934
July .....	3,141,642	812,429	156,591	60,228	4,170,890
August .....	3,336,624	661,984	298,568	56,870	4,354,046
September ...	4,032,990	727,844	295,604	52,943	5,109,381

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim, in total only, by end product classification, September 1950 to September 1951. Of the 2,476,284 pounds consumed in September 1951, 103,106 pounds were consumed in the form of dispersions and 2,373,178 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 1950 to September 1951, showing also Percentage of Reclaim to all Rubber Consumed.

Year and Month	Reclaim		Used in the Manufacture of			
	Total	Percentage	Tires and Tubes	Wire and Cable	Foot wear	Other products
		of all Rubber				
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
1950 - 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
May .....	3,667	19.7	1,970	14	306	1,377
June .....	2,776	19.3	1,438	13	230	1,094
July .....	2,587	18.3	1,474	6	160	947
August .....	2,448	18.6	1,292	9	236	911
September .....	2,476	16.8	1,444	15	155	862

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