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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBERJULY, 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 July, 1951 as compared with June, 1951 shows a decrease in natural of 112,123 pounds, an increase in synthetic of 74,956 pounds, and a decrease in reclaim of 188,613 pounds, the total decrease being 225,780 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 828,779 pounds, consumption in rubber footwear decreased by 506,034 pounds, in wire and cable decreased by 220,951 pounds and in other products decreased by 327,574 pounds, making the total decrease of 225,780 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, July 1950 to July 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 - 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
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

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 July 1, 1951	Production	Inventory July 31, 1951
<u>Natural Rubber -</u>			
Crude Rubber	-	-	-
Natural Latex	93	-	86
Total Natural Rubber	93	-	86
<u>Synthetic Rubber -</u>			
Buna-S	701	3,001	795
Butyl	427	1,471	477
Neoprene	18	-	21
All other	404	962	344
Total Synthetic Rubber ...	1,550	5,434	1,637
Total Natural and Synthetic ..	1,643	5,434	1,723
<u>Reclaim Rubber -</u>			
Dispersions	65	11	46
Other than dispersions	205	191	252
Total Reclaim Rubber	270	202	298
GRAND TOTAL	1,913	5,636	2,021

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

Type of Rubber	Inventory July 1, 1951	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory July 31, 1951
<u>Natural Rubber -</u>					
Crude Rubber	4,936	3,143	3,077	73	4,929
Natural Latex	442	129	207	-	364
Total Natural Rubber ...	5,378	3,272	3,284	73	5,293
<u>Synthetic Rubber -</u>					
Buna-S, Solid	1,154	1,561	1,371	-	1,344
Buna-S, Latex	69	45	31	12	71
Buna-N	27	2	4	-	25
Butyl	301	455	363	-	393
Neoprene	113	93	70	-	136
All other	71	23	23	4	67
Total Synthetic	1,735	2,179	1,862	16	2,036
Total Natural and Synthetic.	7,113	5,451	5,146	89	7,329
<u>Reclaim Rubber -</u>					
Dispersions	155	16	44	-	127
Other than dispersions ...	2,019	1,015	1,111	3	1,920
Total Reclaim Rubber ...	2,174	1,031	1,155	3	2,047
GRAND TOTAL	9,287	6,482	6,301	92	9,376

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. - Summary Data (Concluded)

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
1. Tires, Tubes and tire repair materials.....	5,470,175	2,691,635	1,473,712	9,635,522
2. Wire and cable	36,792	180,935	5,956	223,683
3. Footwear (including Heels, soles, etc.)	533,839	479,810	160,262	1,173,911
4. Other products	1,314,479	818,510	947,095	3,080,084
TOTAL	7,355,285	4,170,890	2,587,025	14,113,200

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	-	-	16,826,380	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	62.2	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 July 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, July 1950 to July 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, July 1951.

End Products	Natural Rubber (excluding latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	5,428,786	41,389	5,470,175
2. Wire and cable	36,792	-	36,792
3. Footwear (including heels, soles, etc.)	532,198	1,641	533,839
4. Other products	894,559	419,920	1,314,479
TOTAL	6,892,335	462,950	7,355,285

Table 6. - Consumption of Natural Rubber in Total, by End Products, July 1950 to July 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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The July 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, July 1951.

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	Pounds	Pounds					
1. Tires, tubes and tire repair materials	1,890,173	60,864	-	736,885	3,713	-	2,691,635
2. Wire and cable.	119,579	-	-	3,557	57,499	300	180,935
3. Footwear (including heels, soles, etc.) ..	434,664	-	570	-	3,896	40,680	479,810
4. Other products	627,204	9,158	8,242	71,987	91,483	10,436	818,510
TOTAL	3,071,620	70,022	8,812	812,429	156,591	51,416	4,170,890

Table 8. - Consumption of Synthetic Rubber, in Total, by End Products, July 1950 to July 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 - 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	26.3	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	23.6	2,108	354	634	1,000
July	4,171	29.6	2,692	181	480	818

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1950 - 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	251,945	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

Section D, Reclaim Rubber

Table 10 gives the consumption of Reclaim, in total only, by end product classification, July 1950 to July 1951. Of the 2,587,025 pounds consumed in July 1951, 99,218 pounds were consumed in the form of dispersions and 2,487,807 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, July 1950 to July 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 - July	2,330	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	18.9	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

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