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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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 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 August 1955 as compared with July 1955 shows an increase in natural of 254,524 pounds, a decrease in synthetic of 9,508 pounds and a decrease in reclaim of 293,872 pounds, the total being a decrease of 48,856 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, decreased by 2,400,621 pounds, consumption in rubber footwear increased by 1,090,206 pounds, in wire and cable increased by 351,924 pounds and in other products increased by 909,635 pounds, making the total decrease of 48,856 pounds mentioned above.

Prepared in Textiles and Miscellaneous Products Section,
Industry and Merchandising Division.

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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, 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 and Domestic Consumption Showing Monthly Averages, 1939-1954 and Actual Monthly Totals, January to August 1955.

Weights are given in long tons (2,240 pounds)

	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
1952	4,255	6,925	1,567	6,189	382	2,792	2,799	1,133
1953	4,583	4,741	1,538	6,744	385	3,124	2,993	1,216
1954	4,710	5,863	1,477	7,215	331	3,465	2,506	1,064
1955 - January .	3,444	5,267	1,583	8,124	309	3,511	2,615	1,062
February	3,898	4,887	1,550	7,646	419	3,804	3,132	1,350
March ...	3,749	4,985	1,677	8,673	384	4,140	3,366	1,390
April ...	3,805	5,076	1,642	7,631	345	3,822	3,006	1,227
May	4,909	5,517	1,681	8,867	438	3,762	3,344	1,101
June	5,448	5,388	1,613	8,587	371	3,836	3,783	1,488
July	4,754	5,697	1,641	8,183	154	2,755	2,688	1,046
August ..	4,823	5,834	1,768	8,104	355	2,868	2,686	914

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 August 1, 1955	Production	Inventory August 31, 1955
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	90	-	76
Total Natural Rubber	90	-	76
<u>Synthetic Rubber</u>			
Buna-S	1,896	5,465	1,602
Butyl	448	1,572	284
Neoprene	23	-	25
All Other	497	1,067	552
Total Synthetic Rubber	2,864	8,104	2,463
<u>Reclaim Rubber</u>			
Dispersions	18	18	15
Other than Dispersions	112	337	117
Total Reclaim Rubber	130	355	132
GRAND TOTAL	3,084	8,459	2,671

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

Type of Rubber	Inventory August 1, 1955	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports etc.)	Inventory August 31, 1955
<u>Natural Rubber</u>					
Crude Rubber	4,281	2,814	2,603	39	4,453
Natural Latex	383	214	265	38	294
Total Natural Rubber	4,664	3,028	2,868	77	4,747
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,978	2,698	2,120	-	2,556
Buna-S, Latex	130	141	115	2	154
Buna-N	30	12	15	-	27
Butyl	245	156	170	-	231
Neoprene	344	170	204	20	290
All Other	106	78	62	9	113
Total Synthetic Rubber	2,833	3,255	2,686	31	3,371
<u>Reclaim Rubber</u>					
Dispersions	45	19	18	-	46
Other than Dispersions	1,466	1,020	896	-	1,590
Total Reclaim	1,511	1,039	914	-	1,636
GRAND TOTAL	9,008	7,322	6,468	108	9,754

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. Summary Data (Concluded)

Table 3(a) - Consumption of all Rubber, by Types and by End Products
Classification, July, 1955

	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,511,667	4,439,527	1,640,472	10,591,666
2. Wire and cable	39,681	159,887	3,226	202,794
3. Footwear (including heels, soles, etc.)	361,604	407,856	142,381	911,841
4. Other products	1,259,145	1,015,911	555,960	2,831,016
TOTAL	6,172,097	6,023,181	2,342,039	14,537,317

Table 3(b) - Consumption of all Rubber by Types and by End Products
Classification, August, 1955

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,754,059	3,324,330	1,112,656	8,191,045
2. Wire and cable	74,304	469,230	11,184	554,718
3. Footwear (including heels, soles, etc.)	954,740	816,453	230,854	2,002,047
4. Other products	1,643,518	1,403,660	693,473	3,740,651
TOTAL	6,426,621	6,013,673	2,048,167	14,488,461

Table 4 - Consumption of all Rubber in Total, by Types showing percentages of
Each Type to all Rubber Consumed, 1939 to 1954

	Natural		Synthetic		Reclaim	
	pounds	%	pounds	%	pounds	%
1939	70,828,800	80.4	-	-	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
1952	75,042,843	41.5	75,260,578	41.6	30,468,040	16.9
1953	83,955,609	42.6	80,447,628	40.8	32,701,851	16.6
1954	93,129,151	49.3	67,379,304	35.6	28,603,823	15.1

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The August 1955 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 August 1954 to August 1955 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 Products Classification, August 1955

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	3,745,003	9,056	3,754,059
2. Wire and cable	74,304	-	74,304
3. Footwear (including heels, soles, etc.)	951,736	3,004	954,740
4. Other products	1,060,862	582,656	1,643,518
TOTAL	5,831,905	594,716	6,426,621

Table 6 - Consumption of Natural Rubber in Total by End Products, August 1954 to August 1955, 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
1954 - August ...	6,271	51.8	4,181	38	899	1,153
September.	8,584	52.9	5,938	65	814	1,767
October ..	8,103	54.2	5,559	64	851	1,629
November .	8,848	52.8	6,034	67	871	1,876
December .	8,621	53.4	5,899	61	695	1,966
1955 - January ..	7,865	48.8	5,421	50	721	1,673
February .	8,521	45.9	5,685	40	744	2,052
March	9,275	46.5	6,196	74	798	2,207
April	8,561	47.5	5,824	65	781	1,891
May	8,426	45.8	5,614	111	848	1,853
June	8,592	42.1	5,496	61	848	2,187
July	6,172	42.5	4,512	40	361	1,259
August ...	6,427	44.4	3,754	74	955	1,644

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The August 1955 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 Products Classification, August 1955.

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials	2,966,261	65,640	745	276,148	15,536	-	3,324,330
2. Wire & cable ...	197,353	-	-	20,567	251,310	-	469,230
3. Footwear (including heels, soles, etc.) ...	703,711	210	585	1,750	12,968	97,229	816,453
4. Other products .	880,569	190,862	31,902	81,687	178,097	40,543	1,403,660
TOTAL	4,747,894	256,712	33,232	380,152	457,911	137,772	6,013,673

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products August 1954 to August 1955, showing also percentages of Synthetic to all Rubber Consumed.

	Synthetic		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
1954 - August	4,421	36.6	2,572	383	617	849
September .	5,459	33.6	3,441	353	660	1,005
October ...	4,786	32.0	2,866	386	599	935
November ..	5,720	34.1	3,456	442	688	1,134
December ..	5,349	33.1	3,138	358	713	1,140
1955 - January ...	5,861	36.4	3,568	355	731	1,207
February ..	7,018	37.8	4,586	376	827	1,229
March	7,544	37.9	4,796	443	839	1,466
April	6,735	37.3	4,347	411	594	1,383
May	7,494	40.8	4,950	443	697	1,404
June	8,476	41.6	5,724	447	753	1,552
July	6,023	41.4	4,439	160	408	1,016
August	6,013	41.5	3,324	469	816	1,404

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, August 1954 to August 1955

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954 - August	3,493,064	465,466	352,857	109,406	4,420,793
September	4,370,322	574,109	381,614	133,365	5,459,410
October	3,856,414	468,294	339,760	121,658	4,786,126
November	4,657,800	502,454	431,558	127,803	5,719,615
December	4,327,112	439,009	430,152	152,557	5,348,830
1955 - January	4,829,792	514,297	366,435	150,515	5,861,039
February	5,852,577	610,502	388,316	166,321	7,017,716
March	6,064,508	809,558	452,005	218,379	7,544,450
April	5,510,556	642,993	436,143	145,688	6,735,380
May	6,186,793	727,054	440,158	139,894	7,493,899
June	7,133,999	696,116	503,596	142,658	8,476,369
July	5,176,428	468,172	234,491	144,090	6,023,181
August	5,004,606	380,152	457,911	171,004	6,013,673

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification August 1954 to August 1955. Of the 2,048,167 pounds consumed in August 1955, 40,423 pounds were consumed in the form of dispersions and 2,007,744 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 August 1954 to August 1955, showing also Percentage 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
1954 - August	1,404	11.6	791	2	209	402
September	2,199	13.5	1,399	5	189	606
October	2,066	13.8	1,306	7	181	572
November	2,204	13.1	1,236	5	236	727
December	2,171	13.5	1,193	6	225	747
1955 - January	2,378	14.8	1,502	8	186	682
February	3,025	16.3	1,984	6	182	853
March	3,114	15.6	1,929	9	230	946
April	2,749	15.2	1,741	4	207	797
May	2,468	13.4	1,476	5	204	783
June	3,334	16.3	2,240	8	194	892
July	2,342	16.1	1,641	3	142	556
August	2,048	14.1	1,113	11	231	693

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