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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.E.S.) over a period of months.

Consumption of rubber in December 1955 as compared with November 1955 shows a decrease in natural of 1,079,112 pounds, a decrease in synthetic of 827,058 pounds and a decrease in reclaim of 357,881 pounds, the total being a decrease of 2,264,051 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 1,401,102 pounds, consumption in rubber footwear decreased by 154,770 pounds, in wire and cable decreased by 76,401 pounds and in other products decreased by 631,778 pounds, making the total decrease of 2,264,051 pounds mentioned above.

Prepared in Textiles and Miscellaneous Products Section,  
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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 December 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
<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.	4,506	-	-	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
September	4,325	6,863	1,442	9,294	493	3,996	3,700	1,356
October .	4,609	8,034	1,383	9,891	431	3,865	3,550	1,242
November	4,636	8,428	1,422	9,231	430	4,222	4,348	1,506
December	4,099	8,791	1,428	9,665	504	3,740	3,978	1,346

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 December 1, 1955	Production	Inventory December 31, 1955
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	92	-	119
Total Natural Rubber .....	92	-	119
<u>Synthetic Rubber</u>			
Buna-S .....	2,883	6,221	3,163
Butyl .....	571	2,029	864
Neoprene .....	34	-	39
All Other .....	594	1,415	420
	4,082	9,665	4,486
<u>Reclaim Rubber</u>			
Dispersions .....	18	8	17
Other than Dispersions .....	84	496	98
Total Reclaim Rubber .....	102	504	115
GRAND TOTAL .....	4,276	10,169	4,720

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

Type of Rubber	Inventory December 1, 1955	Receipts Con- (Imports, sump- etc.) tion	Sales (Exports, etc.)	Inventory December 31, 1955	
<u>Natural Rubber</u>					
Crude Rubber .....	4,247	2,840	3,413	20	3,654
Natural Latex .....	297	420	327	64	326
Total Natural Rubber .....	4,544	3,260	3,740	84	3,980
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	3,591	3,095	3,260	-	3,426
Buna-S, Latex .....	129	192	139	7	175
Buna-N .....	27	21	17	-	31
Butyl .....	202	289	290	-	201
Neoprene .....	331	221	203	3	346
All Other .....	66	147	69	18	126
Total Synthetic Rubber ...	4,346	3,965	3,978	28	4,305
<u>Reclaim Rubber</u>					
Dispersions .....	51	2	15	-	38
Other than Dispersions .....	1,269	1,337	1,331	-	1,275
Total Reclaim .....	1,320	1,339	1,346	-	1,313
GRAND TOTAL .....	10,210	8,564	9,064	112	9,598

**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, November, 1955

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	6,431,311	6,459,384	2,114,791	15,005,486
2. Wire and cable .....	61,768	446,367	1,916	510,051
3. Footwear (including heels, soles, etc.) .....	800,096	397,847	271,811	1,469,754
4. Other products .....	2,163,961	1,935,699	985,286	5,084,946
<b>TOTAL .....</b>	<b>9,457,136</b>	<b>9,739,297</b>	<b>3,373,804</b>	<b>22,570,237</b>

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	5,789,514	5,913,604	1,901,266	13,604,384
2. Wire and cable .....	47,874	385,108	668	433,650
3. Footwear (including heels, soles, etc.) .....	546,770	1,001,326	266,888	1,814,984
4. Other products .....	1,993,866	1,612,201	847,101	4,453,168
<b>TOTAL .....</b>	<b>8,378,024</b>	<b>8,912,239</b>	<b>3,015,923</b>	<b>20,306,186</b>

**Table 4 - Consumption of all Rubber in Total, by Types showing percentages of**  
Each Type to all Rubber Consumed, 1939 to 1955

	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
1955 .....	99,281,626	44.5	90,062,434	40.4	33,666,387	15.1

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Section B. Natural Rubber

The December 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 December 1954 to December 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, December, 1955

End Products	Natural Rubber (excluding Latex) pounds	Latex pounds	Total Natural pounds
1. Tires, tubes and tire repair materials .....	5,775,239	14,275	5,789,514
2. Wire and cable .....	47,874	-	47,874
3. Footwear (including heels, soles, etc.) .....	542,165	4,605	546,770
4. Other products .....	1,280,827	713,039	1,993,866
TOTAL .....	7,646,105	731,919	8,378,024

Table 6 - Consumption of Natural Rubber in Total by End Products, December 1954 to December 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 - 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
September .....	8,951	44.1	5,835	81	901	2,134
October .....	8,657	44.6	5,802	37	821	1,997
November .....	9,457	41.9	6,431	62	800	2,164
December .....	8,378	41.2	5,789	48	547	1,994

# CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

## Section C. Synthetic Rubber

The December 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, December 1955.

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials .....	5,241,355	114,078	-	528,614	29,418	139	5,913,604
2. Wire & cable ....	178,733	-	-	9,225	197,150	-	385,108
3. Footwear (including heels, soles, etc.)....	860,921	1,843	627	14,399	14,084	109,452	1,001,326
4. Other products ..	1,022,595	196,093	37,606	98,020	212,970	44,917	1,612,201
TOTAL .....	7,303,604	312,014	38,233	650,258	453,622	154,508	8,912,239

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products December 1954 to December 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 - 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
September ....	8,292	40.9	5,362	508	752	1,670
October .....	7,953	41.0	5,217	326	809	1,601
November .....	9,739	43.2	6,459	446	898	1,936
December .....	8,912	43.9	5,914	385	1,001	1,612

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954 - 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
September .....	6,986,345	603,847	524,632	176,928	8,291,752
October .....	6,697,930	638,312	449,913	167,284	7,953,439
November .....	8,392,626	619,474	520,666	206,531	9,739,297
December .....	7,615,618	650,258	453,622	192,741	8,912,239

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification December 1954 to December 1955. Of the 3,015,923 pounds consumed in December 1955, 34,148 pounds were consumed in the form of dispersions and 2,981,775 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 December 1954 to December 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 - 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
September .....	3,037	15.0	1,976	5	231	825
October .....	2,782	14.4	1,683	6	262	831
November .....	3,374	14.9	2,115	2	272	985
December .....	3,016	14.9	1,901	1	267	847

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