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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 November 1955 as compared with October 1955 shows an increase in natural of 799,810 pounds, and increase in synthetic of 1,785,858 pounds and an increase in reclaim of 592,196 pounds, the total being an increase of 3,177,864 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, increased by 2,303,452 pounds, consumption in rubber footwear increased by 77,860 pounds, in wire and cable increased by 141,252 pounds and in other products increased by 655,300 pounds, making the total increase of 3,177,864 pounds mentioned above.

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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 November 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
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

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Table 2(a) - NEW SUPPLY. Statement of Manufacturers Producing Synthetic and Reclaim
(Weight in Long Tons)

Type of Rubber	Inventory November 1, 1955	Production	Inventory November 30, 1955
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	84	-	92
Total Natural Rubber	84	-	92
<u>Synthetic Rubber</u>			
Buna-S	2,690	6,220	2,883
Butyl	519	1,838	571
Neoprene	37	-	34
All Other	663	1,173	594
Total Synthetic Rubber ..	3,909	9,231	4,082
<u>Reclaim Rubber</u>			
Dispersions	30	22	18
Other than Dispersions	43	408	84
Total Reclaim Rubber	73	430	102
GRAND TOTAL	4,066	9,661	4,276

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

Type of Rubber	Inventory November 1, 1955	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory November 30, 1955
<u>Natural Rubber</u>					
Crude Rubber	4,252	3,868	3,873	-	4,247
Natural Latex	273	390	349	17	297
Total Natural Rubber	4,525	4,258	4,222	17	4,544
<u>Synthetic Rubber</u>					
Buna-S, Solid	3,441	3,704	3,554	-	3,591
Buna-S, Latex	144	184	193	6	129
Buna-N	24	18	15	-	27
Butyl	188	291	277	-	202
Neoprene	258	305	232	-	331
All Other	70	93	77	20	66
Total Synthetic Rubber ..	4,125	4,595	4,348	26	4,346
<u>Reclaim Rubber</u>					
Dispersions	69	9	27	-	51
Other than Dispersions	1,241	1,507	1,479	-	1,269
Total Reclaim	1,310	1,516	1,506	-	1,320
GRAND TOTAL	9,960	10,369	10,076	43	10,210

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	897,847	271,811	1,969,754
4. Other products	2,163,961	1,935,699	985,286	5,084,946
TOTAL	9,457,136	9,739,297	3,373,804	22,570,237

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,802,491	5,216,617	1,682,926	12,702,034
2. Wire and cable	36,545	326,147	6,107	368,799
3. Footwear (including heels, soles, etc.)	820,844	809,148	261,902	1,891,894
4. Other products	1,997,446	1,601,527	830,673	4,429,646
TOTAL	8,657,326	7,953,439	2,781,608	19,392,373

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

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Section B. Natural Rubber

The November 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 November 1954 to November 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, November, 1955

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	6,413,593	17,718	6,431,311
2. Wire and cable	61,768	-	61,768
3. Footwear (including heels, soles, etc.)	789,006	11,090	800,096
4. Other products	1,412,055	751,906	2,163,961
TOTAL	8,676,422	780,714	9,457,136

Table 6 - Consumption of Natural Rubber in Total by End Products, November 1954 to November 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 - 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
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

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Section C. Synthetic Rubber

The November 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, November 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 ...	5,795,676	134,091	300	488,125	32,479	8,713	6,459,384
2. Wire & cable .	208,491	-	-	13,076	222,700	2,100	446,367
3. Footwear (including heels, soles, etc.).	743,698	1,538	1,653	14,015	19,297	117,646	897,847
4. Other products	1,212,348	296,784	32,583	104,258	246,190	43,536	1,935,699
TOTAL	7,960,213	432,413	34,536	619,474	520,666	171,995	9,739,297

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products November 1954 to November 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 - 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
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

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

	Buna-S pounds	Butyl pounds	Neoprene pounds	Other pounds	Total pounds
1954 - 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
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification November 1954 to November 1955. Of the 3,373,804 pounds consumed in November 1955, 61,084 pounds were consumed in the form of dispersions and 3,312,720 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 November 1954 to November 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 Pro- ducts
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1954 - 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
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

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