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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 May 1955 as compared with April 1955 shows a decrease in natural of 134,822 pounds, an increase in synthetic of 758,519 pounds and a decrease in reclaim of 280,716 pounds, the total being an increase of 342,981 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 127,501 pounds, consumption in rubber footwear increased by 166,888 pounds, in wire and cable increased by 78,736 pounds and in other products decreased by 30,144 pounds, making the total increase of 342,981 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 May 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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory May 1, 1955	Production	Inventory May 31, 1955
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	32	-	17
Total Natural Rubber	32	-	17
<u>Synthetic Rubber</u>			
Buna-S	1,872	5,798	2,173
Butyl	603	1,824	527
Neoprene	13	-	24
All Other	199	1,245	212
Total Synthetic Rubber ...	2,687	8,867	2,936
<u>Reclaim Rubber</u>			
Dispersions	29	19	29
Other than Dispersions	106	419	117
Total Reclaim Rubber	135	438	146
GRAND TOTAL	2,854	9,305	3,099

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

Type of Rubber	Inventory May 1, 1955	Receipts (Imports, etc.)	Con sump- tion	Sales (Exports, etc.)	Inventory May 31, 1955
<u>Natural Rubber</u>					
Crude Rubber	3,458	4,526	3,461	-	4,523
Natural Latex	315	387	301	32	369
Total Natural Rubber ..	3,773	4,913	3,762	32	4,892
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,583	2,939	2,664	1	1,857
Buna-S, Latex	132	104	98	2	136
Buna-N	24	12	10	-	26
Butyl	328	190	324	-	194
Neoprene	268	229	196	1	300
All Other	54	73	52	7	68
Total Synthetic Rubber.	2,389	3,547	3,344	11	2,581
<u>Reclaim Rubber</u>					
Dispersions	46	10	11	-	45
Other than Dispersions ..	1,461	1,121	1,090	2	1,490
Total Reclaim	1,507	1,131	1,101	2	1,535
GRAND TOTAL	7,669	9,591	8,207	45	9,008

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, May, 1955

	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,614,039	4,949,604	1,476,193	12,039,836
2. Wire and cable	110,728	443,123	4,615	558,466
3. Footwear (including heels, soles, etc.)	847,893	696,891	203,952	1,748,736
4. Other products	1,853,496	1,404,281	783,416	4,041,193
TOTAL	8,426,156	7,493,899	2,468,176	18,388,231

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,824,538	4,347,138	1,740,659	11,912,335
2. Wire and cable	64,570	410,752	4,408	479,730
3. Footwear (including heels, soles, etc.)	781,221	594,112	206,515	1,581,848
4. Other products	1,890,649	1,383,378	797,310	4,071,337
TOTAL	8,560,978	6,735,380	2,748,892	18,045,250

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 May 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 May 1954 to May 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, May 1955.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,601,844	12,195	5,614,039
2. Wire and cable	110,728	-	110,728
3. Footwear (including heels, soles, etc.)	843,794	4,099	847,893
4. Other products	1,195,933	657,563	1,853,496
TOTAL	7,752,299	673,857	8,426,156

Table 6 - Consumption of Natural Rubber in Total. by End Products, May 1954 to May 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 - May	7,805	46.8	5,498	60	604	1,643
June	8,291	48.3	5,871	44	726	1,650
July	6,301	50.0	4,696	36	402	1,167
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The May 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, May 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	4,247,167	102,400	1,275	571,490	27,272	-	4,949,604
2. Wire & cable ...	204,645	-	-	23,268	215,210	-	443,123
3. Footwear (including heels, soles, etc.) ...	594,113	-	1,520	3,200	19,336	78,722	696,891
4. Other products .	920,666	117,802	21,371	129,096	178,340	37,006	1,404,281
TOTAL	5,966,591	220,202	24,166	727,054	440,158	115,728	7,493,899

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products May 1954 to May 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 - May	6,088	36.5	4,079	323	636	1,050
June	6,179	36.0	4,053	348	735	1,043
July	4,357	34.5	3,091	145	432	689
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

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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954 - May	4,791,801	842,834	311,407	141,591	6,087,633
June	4,686,088	960,393	369,743	163,138	6,179,362
July	3,453,247	563,062	222,504	118,062	4,356,875
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification May 1954 to May 1955. Of the 2,468,176 pounds consumed in May 1955, 25,426 pounds were consumed in the form of dispersions and 2,442,750 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 May 1954 to May 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 - May	2,777	16.7	1,725	6	156	891
June	2,690	15.7	1,773	4	165	748
July	1,951	15.5	1,395	2	103	451
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

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