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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 March 1955 as compared with February 1955 shows an increase in natural of 753,906 pounds, an increase in synthetic of 526,734 pounds and an increase in reclaim of 88,458 pounds, the total being an increase of 1,369,098 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 666,249 pounds, consumption in rubber footwear increased by 113,685 pounds, in wire and cable increased by 102,508 pounds and in other products increased by 486,656 pounds, making the total increase of 1,369,098 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 March 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

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 March 1, 1955	Production	Inventory March 31, 1955
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	50	-	31
Total Natural Rubber	50	-	31
<u>Synthetic Rubber</u>			
Buna-S	2,193	5,672	2,014
Butyl	311	1,795	595
Neoprene	30	-	24
All Other	389	1,206	348
Total Synthetic Rubber	2,923	8,673	2,981
<u>Reclaim Rubber</u>			
Dispersions	24	19	30
Other than Dispersions	134	365	67
Total Reclaim Rubber	158	384	97
GRAND TOTAL	3,131	9,057	3,109

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

Type of Rubber	Inventory March 1, 1955	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory March 31, 1955
<u>Natural Rubber</u>					
Crude Rubber	3,689	3,557	3,778	27	3,441
Natural Latex	159	512	362	32	277
Total Natural Rubber ..	3,848	4,069	4,140	59	3,718
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,266	2,718	2,597	9	1,378
Buna-S, Latex	101	140	110	4	127
Buna-N	27	15	18	-	24
Butyl	297	293	361	1	228
Neoprene	215	178	201	-	192
All Other	58	89	79	13	55
Total Synthetic Rubber.	1,964	3,433	3,366	27	2,004
<u>Reclaim Rubber</u>					
Dispersions	46	8	16	-	38
Other than Dispersions ..	1,346	1,570	1,374	-	1,542
Total Reclaim	1,392	1,578	1,390	-	1,580
GRAND TOTAL	7,204	9,080	8,896	86	7,302

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, March, 1955

	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	6,196,078	4,795,864	1,929,214	12,921,156
2. Wire and cable	73,420	443,432	8,588	525,440
3. Footwear (including heels, soles, etc.)	798,103	838,696	229,736	1,866,535
4. Other products	2,207,055	1,466,458	946,222	4,619,735
TOTAL	9,274,656	7,544,450	3,113,760	19,932,866

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,685,555	4,585,664	1,983,688	12,254,907
2. Wire and cable	39,747	376,588	6,597	422,932
3. Footwear (including heels, soles, etc.)	743,738	826,814	182,298	1,752,850
4. Other products	2,051,710	1,228,650	852,719	4,133,079
TOTAL	8,520,750	7,017,716	3,025,302	18,563,768

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 March 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 March 1954 to March 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, March 1955.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	6,166,816	29,262	6,196,078
2. Wire and cable	73,420	-	73,420
3. Footwear (including heels, soles, etc.)	794,303	3,800	798,103
4. Other products	1,429,138	777,917	2,207,055
TOTAL	8,463,677	810,979	9,274,656

Table 6 - Consumption of Natural Rubber in Total, by End Products, March 1954 to March 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 - March	8,148	46.2	5,230	73	713	2,132
April	7,437	46.0	5,013	83	640	1,701
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

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Section C. Synthetic Rubber

The March 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, March 1955.

	<u>Buna-S</u>		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials	4,042,598	111,949	525	616,992	23,800	-	4,795,864
2. Wire & Cable ..	203,150	-	-	9,632	230,650	-	443,432
3. Footwear (including heels, soles, etc.) ..	698,384	-	2,329	706	17,969	119,308	838,696
4. Other products	873,672	134,755	38,301	182,228	179,586	57,916	1,466,458
TOTAL	5,817,804	246,704	41,155	809,558	452,004	177,224	7,544,450

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

	<u>Synthetic</u>		<u>Used in the Manufacture of</u>			
	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 - March	6,454	36.6	4,015	477	655	1,307
April	5,941	36.7	3,835	348	647	1,111
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

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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954 - March	4,913,936	874,564	481,195	184,062	6,453,757
April	4,537,600	872,621	368,781	162,287	5,941,289
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification March 1954 to March 1955. Of the 3,113,760 pounds consumed in March 1955, 35,719 pounds were consumed in the form of dispersions and 3,078,041 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 March 1954 to March 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 - March	3,027	17.2	1,769	4	194	1,060
April	2,807	17.3	1,723	7	171	906
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

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