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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 January 1955 as compared with December 1954 shows a decrease in natural of 756,088 pounds, an increase in synthetic of 512,209 pounds and an increase in reclaim of 206,552 pounds, the total being a decrease of 37,327 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 261,163 pounds, consumption in rubber footwear increased by 4,243 pounds, in wire and cable decreased by 11,980 pounds and in other products decreased by 290,753 pounds, making the total decrease of 37,327 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 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

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 January 1, 1955	Production	Inventory January 31, 1955
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	32	-	41
Total Natural Rubber	32	-	41
<u>Synthetic Rubber</u>			
Buna-S	1,791	5,571	2,082
Butyl	601	1,797	472
Neoprene	22	-	24
All Other	743	756	548
Total Synthetic Rubber	3,157	8,124	3,126
<u>Reclaim Rubber</u>			
Dispersions	23	16	26
Other than Dispersions	163	293	109
Total Reclaim Rubber	186	309	135
GRAND TOTAL	3,375	8,433	3,302

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

Type of Rubber	Inventory Jan. 1, 1955	Receipts (Imports, etc.)	Con sump- tion	Sales (Exports, etc.)	Inventory Jan. 31, 1955
<u>Natural Rubber</u>					
Crude Rubber	3,116	3,231	3,232	2	3,113
Natural Latex	268	312	279	11	290
Total Natural Rubber	3,384	3,543	3,511	13	3,403
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,470	2,058	2,063	-	1,465
Buna-S, Latex	95	90	93	3	89
Buna-N	19	14	10	-	23
Butyl	210	289	229	-	270
Neoprene	230	176	163	1	242
All Other	87	34	57	12	52
Total Synthetic Rubber	2,111	2,661	2,615	16	2,141
<u>Reclaim Rubber</u>					
Dispersions	60	-	16	-	44
Other than Dispersions	1,373	1,083	1,046	6	1,404
Total Reclaim	1,433	1,083	1,062	6	1,448
GRAND TOTAL	6,928	7,287	7,188	35	6,992

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, January, 1955.

	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,421,414	3,568,210	1,501,672	10,491,296
2. Wire and cable	49,803	355,318	8,195	413,316
3. Footwear (including heels, soles, etc.)	720,563	731,185	185,969	1,637,717
4. Other products	1,673,045	1,206,326	682,391	3,561,762
TOTAL	7,864,825	5,861,039	2,378,227	16,104,091

Table 3(b) - Consumption of all Rubber by Types and by End Products
Classification, December, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,898,951	3,137,959	1,193,223	10,230,133
2. Wire and cable	60,949	357,952	6,395	425,296
3. Footwear (including heels, soles, etc.)	695,282	713,048	225,144	1,633,474
4. Other products	1,965,731	1,139,871	746,913	3,852,515
TOTAL	8,620,913	5,348,830	2,171,675	16,141,418

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 January 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 January 1954 to January 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, January 1955.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,406,439	14,975	5,421,414
2. Wire and cable	49,803	-	49,803
3. Footwear (including heels, soles, etc.)	717,915	2,648	720,563
4. Other products	1,065,673	607,372	1,673,045
TOTAL	7,239,830	624,995	7,864,825

Table 6 - Consumption of Natural Rubber in Total, by End Products, January 1954 to January 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 - January	6,872	45.4	4,731	51	475	1,615
February	7,847	44.8	5,127	67	683	1,970
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

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Section C. Synthetic Rubber

The January 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, January, 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	3,042,269	85,485	135	418,543	20,929	849	3,568,210
2. Wire & Cable ...	154,755	-	-	11,698	188,865	-	355,318
3. Footwear (including heels, soles, etc.) ...	603,737	-	1,130	2,260	22,756	101,302	731,185
4. Other products .	820,395	123,151	20,747	81,796	133,885	26,352	1,206,326
TOTAL	4,621,156	208,636	22,012	514,297	366,435	128,503	5,861,039

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products January 1954 to January 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	Footwear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1954 - January	5,768	38.1	3,797	417	608	946
February	6,857	39.2	4,430	440	806	1,181
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

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

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1954 - January	4,273,646	947,855	406,959	139,514	5,767,974
February	5,256,320	977,620	455,747	167,953	6,857,640
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end products classification January 1954 to January 1955. Of the 2,378,227 pounds consumed in January 1955, 36,168 pounds were consumed in the form of dispersions and 2,342,059 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 January 1954 to January 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	Footwear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1954 - January	2,502	16.5	1,466	10	110	916
February	2,803	16.0	1,634	14	163	992
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

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