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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 February 1954 as compared with January 1954 shows an increase in natural of 974,034 pounds, and increase in synthetic of 1,089,666 pounds and an increase in reclaim of 300,539 pounds, the total increase being 2,364,239 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 1,196,807 pounds, consumption in rubber footwear increased by 458,166 pounds, in wire and cable increased by 43,573 pounds and in other products increased by 665,693 pounds, making the total increase of 2,364,239 pounds mentioned above.

Prepared in General Manufactures 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, 1939-1953, and Actual Monthly Totals, January and February 1954.

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	6,700	385	3,124	2,709	1,216
1954 - January .	5,220	6,235	1,745	7,287	360	3,068	2,574	1,117
February.	5,388	5,785	1,647	6,739	383	3,503	3,060	1,251

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 February 1, 1954	Production	Inventory February 28, 1954
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	91	-	76
Total Natural Rubber .	91	-	76
<u>Synthetic Rubber</u>			
Buna-S	2,345	4,213	1,843
Butyl	1,124	1,320	900
Neoprene	21	-	24
All Other	580	1,206	898
Total Synthetic Rubber	4,070	6,739	3,665
<u>Reclaim Rubber</u>			
Dispersions	35	25	39
Other than Dispersions .	184	358	178
Total Reclaim Rubber .	219	383	217
GRAND TOTAL	4,380	7,122	3,958

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

Type of Rubber	Inventory February 1, 1954	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory February 28, 1954
<u>Natural Rubber</u>					
Crude Rubber	4,849	3,367	3,134	1	5,081
Natural Latex	280	340	369	20	231
Total Natural Rubber .	5,129	3,707	3,503	21	5,312
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,511	2,142	2,231	-	1,422
Buna-S, Latex	105	120	116	7	102
Buna-N	21	9	11	-	19
Butyl	246	352	436	-	162
Neoprene	210	353	203	4	356
All Other	72	57	63	7	59
Total Synthetic Rubber	2,165	3,033	3,060	18	2,120
<u>Reclaim Rubber</u>					
Dispersions	84	16	29	-	71
Other than Dispersions .	1,442	1,141	1,222	2	1,359
Total Reclaim Rubber .	1,526	1,157	1,251	2	1,430
GRAND TOTAL	8,820	7,897	7,814	41	8,862

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. Summary Data (Concluded)

Table 3(a) - Consumption of all Rubber, by Types and by End Product
Classification, January, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,731,106	3,796,825	1,466,267	9,994,198
2. Wire and cable	50,902	416,500	10,368	477,770
3. Footwear (including heels, soles, etc.)	475,185	608,351	109,911	1,193,447
4. Other products	1,615,389	946,298	915,993	3,477,680
TOTAL	6,872,582	5,767,974	2,502,539	15,143,095

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,126,804	4,430,174	1,634,027	11,191,005
2. Wire and cable	66,636	440,413	14,294	521,343
3. Footwear (including heels, soles, etc.)	683,146	805,638	162,829	1,651,613
4. Other products	1,970,030	1,181,415	991,928	4,143,373
TOTAL	7,846,616	6,857,640	2,803,078	17,507,334

Table 4 - Consumption of all Rubber in Total, by Types, showing
Percentages of Each Type to all Rubber Consumed, 1939 to 1953

	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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The February 1954 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, February 1953 to February 1954 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 Product Classification, February 1954.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,106,164	20,640	5,126,804
2. Wire and cable	66,636	-	66,636
3. Footwear (including heels, soles, etc.)	680,432	2,714	683,146
4. Other products	1,166,613	803,417	1,970,030
TOTAL	7,019,845	826,771	7,846,616

Table 6 - Consumption of Natural Rubber in Total, by End Products, February 1953 to February 1954, 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
1953 - February	7,346	41.0	4,650	77	768	1,851
March	7,302	40.7	4,504	95	798	1,905
April	6,921	39.8	4,417	81	745	1,678
May	6,945	41.3	4,463	68	727	1,687
June	7,204	40.3	4,694	74	716	1,720
July	6,070	41.3	4,236	41	537	1,256
August	5,489	43.9	3,327	58	822	1,282
September ...	7,249	45.3	4,592	86	843	1,728
October	7,574	46.4	5,186	86	877	1,425
November	7,658	46.0	5,249	72	649	1,688
December	7,608	45.6	5,409	61	360	1,778
1954 - January	6,872	45.4	4,731	51	475	1,615
February	7,847	44.8	5,127	67	683	1,970

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The February 1954 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 Product Classification, February 1954.

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials	3,461,624	100,288	80	850,170	18,012	-	4,430,174
2. Wire & Cable ..	172,326	-	-	12,937	255,150	-	440,413
3. Footwear (inc. heels, soles, etc.)	689,010	-	75	-	8,252	108,301	805,638
4. Other Products	674,170	158,902	25,783	114,513	174,333	33,714	1,181,415
TOTAL	4,997,130	259,190	25,938	977,620	455,747	142,015	6,857,640

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, February 1953 to February 1954, showing also Percentages of Synthetic to all Rubber Consumed.

Year and Month	Synthetic Rubber		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
1953 - February	7,617	42.6	4,981	391	959	1,286
March	7,633	42.5	5,050	391	895	1,297
April	7,614	43.8	5,055	447	862	1,250
May	7,124	42.4	4,918	356	669	1,181
June	7,716	43.2	5,247	425	792	1,252
July	6,264	42.5	4,481	166	670	947
August	5,026	40.1	2,888	491	647	1,000
September	5,976	37.3	3,888	423	629	1,036
October	6,082	37.2	3,966	383	651	1,082
November	6,311	38.0	4,169	482	584	1,076
December	6,115	36.6	3,968	434	601	1,112
1954 - January	5,768	38.1	3,797	417	608	946
February	6,857	39.2	4,430	440	806	1,181

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Table 9 - Consumption of Synthetic Rubber, by types, February 1953 to February 1954.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1953 - February .	6,147,469	983,260	315,225	170,816	7,616,770
March	6,026,536	1,115,227	323,919	168,224	7,633,906
April	6,116,766	954,018	374,056	169,544	7,614,384
May	5,670,984	949,100	359,394	144,432	7,123,910
June	6,228,278	957,342	365,846	165,183	7,716,649
July	5,165,202	755,811	202,335	140,188	6,263,536
August ...	3,923,915	558,862	424,353	118,340	5,025,470
September.	4,793,468	685,966	380,789	116,233	5,976,456
October ..	4,886,123	671,616	393,033	130,751	6,081,523
November .	5,033,705	751,808	394,419	131,513	6,311,445
December .	4,714,911	841,576	400,504	158,351	6,115,342
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification February 1953 to February 1954. Of the 2,803,078 pounds consumed in February 1954, 66,218 pounds were consumed in the form of dispersions and 2,736,860 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 February 1953 to February 1954, showing also Percentages of Reclaim to all Rubber Consumed.

Year and Month	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
1953 - February .	2,941	16.4	1,635	6	207	1,093
March	3,015	16.8	1,707	14	179	1,115
April	2,860	16.4	1,531	16	173	1,140
May	2,745	16.3	1,561	8	149	1,027
June	2,953	16.5	1,722	12	176	1,043
July	2,380	16.2	1,523	-	108	749
August ...	2,007	16.0	1,005	9	187	806
September.	2,790	17.4	1,586	7	161	1,036
October ..	2,683	16.4	1,614	10	206	853
November .	2,636	16.0	1,678	7	136	815
December .	2,964	17.8	1,776	9	136	1,043
1954 - January ..	2,502	16.5	1,466	10	110	916
February .	2,803	16.0	1,634	14	163	992

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