

33-003 C12

DOMINION BUREAU OF STATISTICS  
OTTAWA - CANADA

*Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce*



Vol. 8, No. 6. June, 1954

Price: \$2.00 per year.

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 June 1954 as compared with May 1954 shows an increase in natural of 484,883 pounds, an increase in synthetic of 91,729 pounds and a decrease in reclaim of 87,406 pounds, the total increase being 489,206 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 394,931 pounds, consumption in rubber footwear increased by 230,358 pounds, in wire and cable increased by 6,833 pounds and in other products decreased by 142,916 pounds, making the total increase of 489,206 pounds mentioned above.

Prepared in Textiles and Miscellaneous Products Section  
Industry and Merchandising Division.

6503-502  
5-8-54



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 to June, 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
<b>Monthly Averages</b>								
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 - 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
March ...	4,875	5,818	1,483	7,382	368	3,637	2,880	1,351
April ...	5,162	5,161	1,375	7,100	336	3,320	2,651	1,253
May .....	5,043	6,041	1,422	7,331	353	3,484	2,717	1,240
June .....	5,210	5,987	1,504	5,868	346	3,701	2,757	1,200

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 June 1, 1954	Production	Inventory June 30, 1954
<u>Natural Rubber</u>			
Crude Rubber .....	-	-	-
Natural Latex .....	182	-	140
Total Natural Rubber .	182	-	140
<u>Synthetic Rubber</u>			
Buna-S .....	2,354	4,369	2,419
Butyl .....	463	694	133
Neoprene .....	25	-	23
All Other .....	952	805	1,007
Total Synthetic Rubber	3,794	5,868	3,582
<u>Reclaim Rubber</u>			
Dispersions .....	33	16	31
Other than Dispersions .	123	330	40
Total Reclaim Rubber .	156	346	71
GRAND TOTAL .....	4,132	6,214	3,793

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

Type of Rubber	Inventory June 1, 1954	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory June 30, 1954
<u>Natural Rubber</u>					
Crude Rubber .....	4,582	3,637	3,417	-	4,802
Natural Latex .....	279	290	284	17	268
Total Natural Rubber .	4,861	3,927	3,701	17	5,070
<u>Synthetic Rubber</u>					
Buna-S, Solid .....	1,273	2,132	1,999	-	1,406
Buna-S, Latex .....	125	89	93	5	116
Buna-N .....	21	6	10	-	17
Butyl .....	447	488	428	-	507
Neoprene .....	319	140	165	-	294
All Other .....	62	74	62	9	65
Total Synthetic Rubber	2,247	2,929	2,757	14	2,405
<u>Reclaim Rubber</u>					
Dispersions .....	80	10	27	-	63
Other than Dispersions .	1,186	1,357	1,173	-	1,370
Total Reclaim Rubber .	1,266	1,367	1,200	-	1,433
GRAND TOTAL .....	8,374	8,223	7,658	31	8,908



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, May, 1954

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	5,498,029	4,078,855	1,725,105	11,301,989
2. Wire and cable .....	60,250	322,607	6,197	389,054
3. Footwear (including heels, soles, etc.) .....	604,296	635,886	156,242	1,396,424
4. Other products .....	1,643,170	1,050,285	890,338	3,583,793
TOTAL .....	7,805,745	6,087,633	2,777,882	16,671,260

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials .....	5,870,783	4,052,890	1,773,247	11,696,920
2. Wire and cable .....	44,265	347,930	3,692	395,887
3. Footwear (including heels, soles, etc.) .....	725,961	735,146	165,675	1,626,782
4. Other products .....	1,649,619	1,043,396	747,862	3,440,877
TOTAL .....	8,290,628	6,179,362	2,690,476	17,160,466

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 June 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, June 1953 to June 1954 are shown in Table 6. For summary data on Natural and other rubber stocks, domestic production and domestic consumption, expressed on long tons, see Table 1.

Table 5 - Consumption of Natural Rubber, by Types and by End Product Classification, June, 1954.

End Products	Natural Rubber (excluding Latex) pounds	Latex pounds	Total Natural pounds
1. Tires, tubes and tire repair materials .....	5,841,545	29,238	5,870,783
2. Wire and cable .....	44,265	-	44,265
3. Footwear (including heels, soles, etc.) .....	723,953	2,008	725,961
4. Other products .....	1,043,652	605,967	1,649,619
TOTAL .....	7,653,415	637,213	8,290,628

Table 6 - Consumption of Natural Rubber in Total, by End Products, June 1953 to June 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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The June 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, June, 1954

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tire, tubes & tire repair materials .	3,050,767	120,998	390	862,261	18,474	-	4,052,890
2. Wire & Cable	130,219	-	-	20,991	196,720	-	347,930
3. Footwear (Including heels soles, etc.)	619,099	-	-	-	7,896	108,151	735,146
4. Other Products	678,199	86,806	22,959	77,141	146,653	31,638	1,043,396
TOTAL .....	4,478,284	207,804	23,349	960,393	369,743	139,789	6,179,362

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, June 1953 to June 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	Foot-wear	Other Products
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1953 - 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
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



CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, June 1953 to June 1954.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1953 - 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	625,966	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
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification June 1953 to June 1954. Of the 2,690,476 pounds consumed in June 1954, 61,474 pounds were consumed in the form of dispersions and 2,629,002 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 June 1953 to June 1954, showing also Percentages of Reclaim to all Rubber Consumed.

Year and Month	Reclaim		Used in the Manufacture of			
	Total	Percentage	Tires and Tubes	Wire and Cable	Foot- wear	Other pro- ducts
		of all Rubber				
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1953 - 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
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

STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010529214