



DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
OTTAWA

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

Vol. 7 No. 12

Price \$2.00 per year

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

DECEMBER, 1953

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 December 1953 as compared with November 1953 shows a decrease in natural of 50,124 pounds, a decrease in synthetic of 196,103 pounds and an increase in reclaim of 328,331 pounds, the total increase being 82,104 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 58,049 pounds, consumption in rubber footwear decreased by 273,651 pounds, in wire and cable decreased by 56,916 pounds and in other products increased by 354,622 pounds, making the total increase of 82,104 pounds mentioned above.

Prepared in General Manufactures Section.

6503-502

3-2-54



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, 1939-1952, and Actual Monthly Totals, January to December 1953.

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 - January .	3,887	4,636	1,488	6,779	378	2,942	3,111	1,217
February.	4,581	4,721	1,450	6,398	406	3,279	3,400	1,313
March ...	3,991	4,899	1,397	7,276	407	3,260	3,408	1,347
April ...	3,504	3,537	1,639	5,894	381	3,090	3,400	1,276
May	4,270	4,589	1,592	7,597	389	3,101	3,180	1,225
June	3,892	4,297	1,588	6,693	370	3,216	3,443	1,318
July	4,685	3,497	1,403	4,403	329	2,710	2,795	1,062
August ..	4,109	4,112	1,523	6,436	356	2,450	2,243	896
September	5,594	4,975	1,506	7,248	391	3,236	2,667	1,245
October .	5,292	5,902	1,539	7,374	435	3,382	2,714	1,197
November.	5,588	5,520	1,642	7,031	382	3,419	2,818	1,177
December.	5,600	6,209	1,690	7,266	398	3,397	2,731	1,323

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 December 1, 1953	Production	Inventory December 31, 1953
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	91	-	120
Total Natural Rubber ..	91	-	120
<u>Synthetic Rubber</u>			
Buna-S	1,529	4,585	1,936
Butyl	1,359	1,533	1,380
Neoprene	35	-	28
All Other	476	1,148	680
Total Synthetic Rubber	3,399	7,266	4,024
<u>Reclaim Rubber</u>			
Dispersions	35	21	31
Other than Dispersions ..	138	377	205
Total Reclaim Rubber .	173	398	236
GRAND TOTAL	3,663	7,664	4,380

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

Type of Rubber	Inventory December 1, 1953	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory December 31, 1953
<u>Natural Rubber</u>					
Crude Rubber	5,218	3,003	3,038	1	5,182
Natural Latex	279	393	359	15	298
Total Natural Rubber .	5,497	3,396	3,397	16	5,480
<u>Synthetic Rubber</u>					
Buna-S, Solid	1,484	2,065	2,007	7	1,535
Buna-S, Latex	122	96	98	-	120
Buna-N	26	6	13	-	19
Butyl	201	405	376	-	230
Neoprene	234	164	179	4	215
All Other	54	79	58	9	66
Total Synthetic Rubber	2,121	2,815	2,731	20	2,185
<u>Reclaim Rubber</u>					
Dispersions	58	24	21	-	61
Other than Dispersions ..	1,411	1,285	1,302	1	1,393
Total Reclaim Rubber ..	1,469	1,309	1,323	1	1,454
GRAND TOTAL	9,087	7,520	7,451	37	9,119

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, December, 1953

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,408,783	3,968,151	1,776,284	11,153,218
2. Wire and cable	61,296	434,343	9,449	505,088
3. Footwear (including heels, soles, etc.)	359,551	600,638	135,607	1,095,796
4. Other products	1,778,375	1,112,210	1,043,019	3,933,604
TOTAL	7,608,005	6,115,342	2,964,359	16,687,706

Table 3(b) - Consumption of all Rubber, by Types and by End Product
Classification, November, 1953.

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,248,787	4,168,779	1,677,603	11,095,169
2. Wire and cable	72,466	482,180	7,358	562,004
3. Footwear (including heels, soles, etc.)	648,662	584,522	136,263	1,369,447
4. Other products	1,688,214	1,075,964	814,804	3,578,982
TOTAL	7,658,129	6,311,445	2,636,028	16,605,602

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 December 1953 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, December 1952 to December 1953 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, December 1953.

End Products	Natural Rubber (excluding Latex) pounds	Latex pounds	Total Natural pounds
1. Tires, tubes and tire repair materials	5,391,049	17,734	5,408,783
2. Wire and cable	61,296	-	61,296
3. Footwear (including heels, soles, etc.)	358,893	658	359,551
4. Other products	993,059	785,316	1,778,375
TOTAL	6,804,297	803,708	7,608,005

Table 6 - Consumption of Natural Rubber in Total, by End Products, December 1952 to December 1953, 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
1952 - December	6,391	40.0	4,348	66	554	1,423
1953 - January	6,589	40.5	4,444	80	626	1,439
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The December 1953 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, December 1953.

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials ...	3,126,969	88,945	80	740,559	11,598	-	3,968,151
2. Wire & cable .	200,013	-	-	5,130	229,200	-	434,343
3. Footwear (including heels, soles, etc.) .	492,232	-	-	-	6,730	101,676	600,638
4. Other Products.	676,505	130,247	28,803	95,887	152,976	27,792	1,112,210
TOTAL	4,495,719	219,192	28,883	841,576	400,504	129,468	6,115,342

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products, December 1952 to December 1953, 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
1952 - December ...	6,882	43.0	4,541	357	835	1,149
1953 - January	6,968	42.8	4,673	385	797	1,113
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, December 1952 to December 1953.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1952 - December	5,538,899	851,779	312,717	178,677	6,882,072
1953 - January	5,537,097	950,077	311,717	169,346	6,968,237
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

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim in total only, by end product classification December 1952 to December 1953. Of the 2,964,359 pounds consumed in December 1953, 47,547 pounds were consumed in the form of dispersions and 2,916,812 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 December 1952 to December 1953, 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
1952 - December	2,723	17.0	1,502	10	203	1,008
1953 - January	2,726	16.7	1,632	6	195	893
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

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010529202