

He [unclear]

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. 5, No. 11

Price \$2.00 per year.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBERNOVEMBER, 1951

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 of rubber 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 November, 1951 as compared with October, 1951 shows a decrease in natural of 706,355 pounds, an increase in synthetic of 38,349 pounds, and a decrease in reclaim of 418,910 pounds, the total decrease being 1,086,916 pounds. Considering the situation in terms of end product use, it may be noted that the consumption of all rubber in the production of tires and tubes, including tire repair materials, decreased by 344,010 pounds, consumption in rubber footwear decreased by 431,157 pounds, in wire and cable increased by 46,977 pounds and in other products decreased by 358,726 pounds, making the total decrease of 1,086,916 pounds mentioned above.

Prepared in General Manufactures Section.

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 classifications, 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, Domestic Consumption showing Monthly Averages, 1939-1950, and Actual Monthly totals, November 1950 to November 1951.

Weights are given in Long Tons (2,240 pounds)

Period	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
1950 November	3,446	2,850	1,648	5,220	501	4,397	2,114	1,379
December	3,421	3,015	1,755	5,243	449	4,506	2,169	1,381
1951 January	4,120	3,164	1,819	5,288	479	4,323	2,227	1,463
February	4,153	2,676	1,965	4,726	460	4,339	2,225	1,487
March	4,990	3,011	2,045	5,276	486	4,626	2,263	1,609
April	4,890	3,069	2,002	4,632	486	4,769	2,417	1,669
May	4,580	3,051	2,177	3,779	525	4,538	2,140	1,638
June	5,471	3,285	2,444	4,504	515	3,334	1,828	1,239
July	5,379	3,673	2,345	5,434	202	3,284	1,862	1,155
August	6,499	3,637	2,360	5,036	477	2,832	1,944	1,093
September	6,485	4,412	2,548	5,568	401	3,180	2,280	1,105
October	5,518	4,587	2,353	6,036	369	3,264	2,369	1,264
November	3,688	4,404	2,261	5,874	339	2,948	2,388	1,077

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 2 (a). - NEW SUPPLY. Statement of Manufacturers Producing Synthetic and Reclaim (Weight in Long Tons)

Type of Rubber	Inventory November 1, 1951	Production	Inventory November 30, 1951
<u>Natural Rubber -</u>			
Crude Rubber	-	-	-
Natural Latex	106	-	87
Total Natural Rubber	106	-	87
<u>Synthetic Rubber -</u>			
Buna-S	1,040	3,681	1,181
Butyl	653	1,347	463
Neoprene	15	-	20
All other	448	846	325
Total Synthetic Rubber	2,156	5,874	1,989
<u>Reclaim Rubber -</u>			
Dispersions	28	21	31
Other than dispersions	232	318	190
Total Reclaim Rubber	260	339	221
GRAND TOTAL	2,522	6,213	2,297

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

Type of Rubber	Inventory November 1, 1951	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory November 30, 1951
<u>Natural Rubber -</u>					
Crude Rubber	5,077	1,065	2,823	21	3,298
Natural Latex	335	95	125	2	303
Total Natural Rubber.	5,412	1,160	2,948	23	3,601
<u>Synthetic Rubber -</u>					
Buna-S, Solid	1,858	1,729	1,843	-	1,744
Buna-S, Latex	62	64	34	-	92
Buna-N	21	3	6	-	18
Butyl	272	361	362	-	271
Neoprene	172	179	124	2	225
All other	46	44	19	6	65
Total Synthetic Rubber	2,431	2,380	2,388	8	2,415
<u>Reclaim Rubber -</u>					
Dispersions	98	38	40	-	96
Other than dispersions.	1,995	988	1,037	2	1,944
Total Reclaim Rubber.	2,093	1,026	1,077	2	2,040
GRAND TOTAL	9,936	4,566	6,413	33	8,056

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, October 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,223,455	3,537,114	1,613,343	10,373,912
2. Wire and cable	74,088	361,783	12,584	448,455
3. Footwear (including heels, soles, etc.)	823,210	580,792	227,623	1,631,625
4. Other products	1,190,946	829,440	978,209	2,998,595
TOTAL	7,311,699	5,309,129	2,831,759	15,452,587

Table 3 (b) - Consumption of all Rubber, by Types and by End Product
Classification, November 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,836,433	3,756,524	1,436,945	10,029,902
2. Wire and cable	63,824	416,252	15,356	495,432
3. Footwear (including heels, soles, etc.)	639,652	393,246	167,570	1,200,468
4. Other products	1,065,435	781,456	792,978	2,639,869
TOTAL	6,605,344	5,347,478	2,412,849	14,365,671

Table 4. - Consumption of all Rubber in Total, by Types, Showing
Percentages of Each Type to all Rubber Consumed, 1939 to 1950.

Year	Natural		Synthetic		Reclaim	
	Total	Percentage	Total	Percentage	Total	Percentage
	Pounds	%	Pounds	%	Pounds	%
1939	70,828,800	80.8	-	-	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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B, Natural Rubber

The November 1951 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, November 1950 to November 1951, 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, November 1951.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	4,795,759	40,674	4,836,433
2. Wire and cable	63,824	-	63,824
3. Footwear (including heels, soles, etc.)	637,503	2,149	639,652
4. Other products	827,619	237,816	1,065,435
TOTAL	6,324,705	280,639	6,605,344

Table 6. - Consumption of Natural Rubber in Total, by End Products, November 1950 to November 1951, 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
1950 - November	9,849	55.7	7,004	68	1,113	1,664
December	10,093	55.9	7,112	69	983	1,929
1951 - January	9,683	53.9	6,930	71	1,025	1,657
February	9,721	53.9	7,025	73	946	1,677
March	10,362	54.5	7,405	62	973	1,922
April	10,683	53.9	7,697	58	1,060	1,868
May	10,165	54.6	7,497	63	955	1,650
June	7,467	52.1	5,261	78	815	1,313
July	7,355	52.1	5,470	37	534	1,314
August	6,344	48.3	4,108	69	952	1,215
September ...	7,122	48.5	5,021	87	729	1,285
October	7,311	47.3	5,223	74	823	1,191
November	6,605	46.0	4,836	64	640	1,065

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The November 1951 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, November 1951.

	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	2,916,452	64,450	-	766,706	1,256	7,660	3,756,524
2. Wire and cable	236,936	-	-	6,116	173,200	-	416,252
3. Footwear (including heels, soles, etc.) ..	366,120	-	-	-	3,323	23,803	393,246
4. Other products	607,662	12,399	13,067	38,742	99,151	10,435	781,456
TOTAL	4,127,170	76,849	13,067	811,564	276,930	41,898	5,347,478

Table 8. - Consumption of Synthetic Rubber, in Total, by End Products, November 1950 to November 1951, showing also Percentage 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
1950 - November ...	4,740	26.8	2,774	389	744	833
December ...	4,862	26.9	3,050	314	495	1,003
1951 - January	4,991	27.8	2,877	382	690	1,042
February ...	4,982	27.6	2,838	304	730	1,110
March	5,071	26.7	2,842	335	854	1,040
April	5,415	27.3	2,974	350	867	1,224
May	4,795	25.7	2,613	356	797	1,029
June	4,096	28.6	2,108	354	634	1,000
July	4,171	29.6	2,692	181	480	818
August	4,354	33.1	2,292	387	753	922
September ..	5,109	34.7	3,194	352	635	928
October	5,309	34.4	3,537	362	581	829
November ...	5,347	37.2	3,757	416	393	781

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9. - Consumption of Synthetic Rubber, by Types, November 1950 to November 1951.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
1950 - November ...	3,508,092	841,037	288,979	101,836	4,739,944
December ...	3,637,670	886,508	231,835	106,032	4,862,045
1951 - January	3,692,732	907,982	283,850	106,581	4,991,145
February ...	3,573,387	1,010,066	282,233	116,616	4,982,302
March	3,718,127	995,594	251,662	105,623	5,071,066
April	4,009,232	1,020,335	287,359	98,657	5,415,583
May	3,571,331	873,327	246,971	103,618	4,795,247
June	3,038,744	674,548	292,715	89,927	4,095,934
July	3,141,642	812,429	156,591	60,228	4,170,890
August	3,336,624	661,984	298,568	56,870	4,354,046
September ..	4,032,990	727,844	295,604	52,943	5,109,381
October	4,206,488	738,013	278,092	86,536	5,309,129
November ...	4,204,019	811,564	276,930	54,965	5,347,478

Section D, Reclaim Rubber

Table 10 gives the consumption of Reclaim, in total only, by end product classification, November 1950 to November 1951. Of the 2,412,849 pounds consumed in November 1951, 89,610 pounds were consumed in the form of dispersions and 2,323,239 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, November 1950 to November 1951, showing also Percentage 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
1950 - November	3,090	17.5	1,427	21	303	1,339
December	3,094	17.2	1,545	15	298	1,236
1951 - January	3,278	18.3	1,913	16	316	1,033
February	3,332	18.5	1,765	16	390	1,161
March	3,604	18.9	1,828	18	377	1,381
April	3,739	18.8	2,010	16	343	1,370
May	3,667	19.7	1,970	14	306	1,377
June	2,776	19.3	1,438	13	230	1,094
July	2,587	18.3	1,474	6	160	947
August	2,448	18.6	1,292	9	236	911
September	2,476	16.8	1,444	15	155	862
October	2,832	18.3	1,613	13	228	978
November	2,413	16.8	1,437	15	168	793

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010529152