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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

JANUARY, 1952

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 January, 1952 as compared with December, 1951 shows a decrease in natural of 5,125 pounds, an increase in synthetic of 87,285 pounds, and an increase in reclaim of 227,945 pounds, the total increase being 310,105 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 365,481 pounds, consumption in rubber footwear increased by 433,010 pounds, in wire and cable increased by 92,525 pounds and in other products increased by 150,051 pounds, making the total increase of 310,105 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, 1939-1951, and Actual Monthly totals, January 1951 to January 1952.

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
1951	5,016	3,671	2,219	5,191	423	3,698	2,203	1,319
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
December ..	4,421	5,085	2,304	6,140	338	2,940	2,488	1,024
1952-January ...	4,929	5,542	2,020	6,810	319	2,937	2,526	1,126

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 January 1, 1952	Production	Inventory January 31, 1952
<u>Natural Rubber -</u>			
Crude Rubber	-	-	-
Natural Latex	77	-	59
Total Natural Rubber	77	-	59
<u>Synthetic Rubber -</u>			
Buna-S	1,429	4,763	1,353
Butyl	490	1,306	593
Neoprene	31	-	23
All other	422	741	403
Total Synthetic Rubber ..	2,372	6,810	2,372
<u>Reclaim Rubber -</u>			
Dispersions	21	21	14
Other than dispersions	181	298	142
Total Reclaim Rubber	202	319	156
GRAND TOTAL	2,651	7,129	2,587

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

Type of Rubber	Inventory January 1, 1952	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory January 31, 1952
<u>Natural Rubber -</u>					
Crude Rubber	4,114	3,352	2,801	-	4,665
Natural Latex	230	114	136	3	205
Total Natural Rubber .	4,344	3,466	2,937	3	4,870
<u>Synthetic Rubber -</u>					
Buna-S, Solid	1,997	2,423	1,985	11	2,424
Buna-S, Latex	75	55	59	10	61
Buna-N	18	7	7	-	18
Butyl	319	341	316	-	344
Neoprene	236	176	137	-	275
All other	68	4	22	2	48
Total Synthetic Rubber	2,713	3,006	2,526	23	3,170
<u>Reclaim Rubber -</u>					
Dispersions	107	28	41	-	94
Other than dispersions ..	1,995	870	1,085	10	1,770
Total Reclaim Rubber .	2,102	898	1,126	10	1,864
GRAND TOTAL	9,159	7,370	6,589	36	9,904

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 1951

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,026,387	4,049,906	1,407,878	10,484,171
2. Wire and cable	60,407	312,903	12,589	385,899
3. Footwear (including heels, soles, etc.)	385,383	418,133	129,543	933,059
4. Other products	1,112,376	794,027	744,175	2,650,578
TOTAL	6,584,553	5,574,969	2,294,185	14,453,707

Table 3 (b) - Consumption of all Rubber, by Types and by End Product
Classification, January 1952

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	4,808,943	3,854,799	1,454,948	10,118,690
2. Wire and cable	67,484	398,397	12,543	478,424
3. Footwear (including heels, soles, etc.)	609,725	564,264	192,080	1,366,069
4. Other products	1,093,276	844,794	862,559	2,800,629
TOTAL	6,579,428	5,662,254	2,522,130	14,763,812

Table 4. - Consumption of all Rubber in Total, by Types, Showing
Percentages of Each Type to all Rubber Consumed, 1939 to 1951

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
1951	99,404,429	51.2	59,217,110	30.5	35,447,251	18.3

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B, Natural Rubber

The January 1952 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 1951 to January 1952 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, January 1952.

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	4,776,609	32,334	4,808,943
2. Wire and cable	67,484	-	67,484
3. Footwear (including heels, soles, etc.)	606,190	3,535	609,725
4. Other products	825,010	268,266	1,093,276
TOTAL	6,275,293	304,135	6,579,428

Table 6. - Consumption of Natural Rubber in Total, by End Products, January 1951
to January 1952, showing also percentage of Natural to all Rubber Con-
sumed.

	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
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	5,344	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
December ..	6,584	45.5	5,026	61	385	1,112
1952 - January ...	6,579	44.6	4,809	67	610	1,093

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C, Synthetic Rubber

The January 1952 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, January 1952.

	Buna-S		Buna-N	Butyl	Neoprene	Other Synthetic	Total
	Solid	Latex					
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1. Tires, tubes and tire repair materials	3,129,556	79,687	339	638,306	6,911	-	3,854,799
2. Wire and cable.	220,200	-	-	11,517	166,680	-	398,397
3. Footwear (including heels, soles, etc.) ..	518,477	-	-	-	8,914	36,873	564,264
4. Other Products	578,495	53,256	16,736	58,032	125,717	12,558	844,794
TOTAL	4,446,728	132,943	17,075	707,855	308,222	49,431	5,662,254

Table 8. - Consumption of Synthetic Rubber, in Total, by End Products, January 1951 to January 1952, 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
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
December ...	5,575	38.6	4,050	313	418	794
1952 - January	5,662	38.3	3,855	398	564	845

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9. - Consumption of Synthetic Rubber, by Types, January 1951 to January 1952.

Year and Month	Buna-S	Butyl	Neoprene	Other	Total
	Pounds	Pounds	Pounds	Pounds	Pounds
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
December	4,521,691	759,846	234,611	58,821	5,574,969
1952 - January	4,579,671	707,855	308,222	66,506	5,662,254

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim, in total only, by end product classification, January 1951 to January 1952. Of the 2,522,130 pounds consumed in January 1952, 92,327 pounds were consumed in the form of dispersions and 2,429,803 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 1951 to January 1952, showing also Percentage 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 Products
		of all Rubber				
	000's pounds	Per Cent	000's pounds	000's pounds	000's pounds	000's pounds
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	16.3	1,437	15	168	793
December	2,294	15.9	1,408	13	129	744
1952 - January	2,522	17.1	1,455	13	192	862

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