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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 reclaimed rubber, and the inventories of firms reporting production and (b) the total consumption of all types of rubber, natural, synthetic and reclaimed 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 Section, D.B.S.) over a period of months.

Consumption of rubber in January, 1957 as compared with December, 1956 shows an increase in natural of 429,000 pounds, an increase in synthetic of 1,342,000 pounds and an increase in reclaimed of 513,000 pounds, the total being an increase of 2,284,000 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 1,375,000 pounds, consumption in rubber footwear increased by 273,000 pounds, in wire and cable increased by 231,000 pounds and in other products increased by 405,000 pounds making the total increase of 2,284,000 pounds mentioned above.

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

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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 1 - Summary Statement of All Rubber Stocks, Domestic Production and Domestic Consumption Showing Monthly Averages, 1939-1956 and Actual Monthly Totals, January 1956 to January 1957. Weights are given in long tons (2,240 pounds).

Monthly Averages	Stocks, End of Period			Domestic Production		Consumption		
	Natural	Syn- thetic	Re- claimed	Syn- thetic	Re- claimed	Natural	Syn- thetic	Re- claimed
(Long Tons)								
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	4,710	5,863	1,477	7,215	331	3,465	2,506	1,064
1955	4,375	6,231	1,569	8,658	386	3,693	3,350	1,252
1956	4,631	7,536	1,732	10,058	394	3,588	4,034	1,387
1956 - January .	5,624	8,238	1,725	9,736	400	3,292	4,037	1,338
February.	5,862	6,830	1,740	8,228	408	3,347	4,132	1,393
March ...	5,809	7,163	1,766	10,331	500	3,296	4,071	1,478
April ...	4,728	7,135	1,786	10,251	462	3,561	4,402	1,575
May	4,411	8,006	1,790	10,554	435	3,628	4,528	1,620
June	4,395	8,788	1,715	10,382	456	3,619	4,039	1,499
July	4,003	7,977	1,760	8,727	423	3,125	3,706	1,267
August ..	4,218	8,153	1,816	10,186	242	3,081	3,294	1,074
September	4,115	8,456	1,696	10,705	420	3,765	3,879	1,256
October .	3,686	7,085	1,723	10,695	283	4,384	4,219	1,442
November.	4,013	5,846	1,680	10,313	386	4,289	4,309	1,452
December.	4,713	6,755	1,589	10,593	312	3,663	3,789	1,248
1957 - January .	4,535	6,716	1,581	11,073	315	3,854	4,388	1,477

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

Type of Rubber	Inventory Jan. 1, 1957	Production	Inventory Jan. 31, 1957
Natural Rubber			
Solid	-	-	-
Latex	69	-	49
Total Natural Rubber .	69	-	49
Synthetic Rubber			
Buna-S	1,611	7,214	1,378
Butyl	871	2,210	733
Neoprene	43	-	41
All Other	1,308	1,649	1,314
Total Synthetic Rubber	3,833	11,073	3,466
Reclaimed Rubber			
Solid	158	309	186
Latex	25	6	24
Total Reclaimed Rubber	183	315	210
TOTAL ALL RUBBER ...	4,085	11,388	3,725

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

Type of Rubber	Inventory Jan. 1 1957	Receipts (Imports etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory Jan. 31, 1957
Natural Rubber					
Solid	4,360	3,370	3,548	10	4,172
Latex	284	340	306	4	314
Total Natural Rubber .	4,644	3,710	3,854	14	4,486
Synthetic Rubber					
Buna-S, solid*	2,006	3,897	3,515	1	2,387
Buna-S, latex	151	234	210	-	175
Buna-N*	93	34	30	15	82
Butyl	253	347	342	4	254
Neoprene*	406	216	284	-	338
All Other*	13	8	7	-	14
Total Synthetic Rubber	2,922	4,736	4,388	20	3,250
Reclaimed Rubber					
Solid	1,336	1,428	1,458	1	1,305
Latex	70	15	19	-	66
Total Reclaimed Rubber	1,406	1,443	1,477	1	1,371
TOTAL ALL RUBBER ...	8,972	9,889	9,719	35	9,107

* Adjustments were made in these figures because some firms have been including types under "other synthetic" which should have been shown under buna-S, buna-N and Neoprene.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 3(a) - Consumption of all Types of Rubber, by End Products, January 1957.

Type of Rubber	Total Consumption	Consumed in the Manufacture of:-				
		Tires and Tubes	Wire and Cable	Footwear	Foamed Rubber	Other Products.
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
Natural Rubber -						
Solid	7,948	5,927	98	675	-	1,248
Latex	687	11	-	3	568	105
Total Natural	8,635	5,938	98	678	568	1,353
Synthetic Rubber -						
Buna-S, solid	7,874	5,491	336	955	-	1,092
Buna-S, latex	470	108	-	-	328	34
Buna-N	67	5	-	12	-	50
Butyl	765	603	18	23	-	121
Neoprene	637	23	357	23	-	234
Other	17	9	-	-	-	8
Total Synthetic	9,830	6,239	711	1,013	328	1,539
Reclaimed Rubber -						
Solid	3,266	2,213	1	221	-	831
Latex	43	3	-	32	-	8
Total Reclaimed	3,309	2,216	1	253	-	839
GRAND TOTAL	21,774	14,393	810	1,944	896	3,731

Table 3(b) - Consumption of all Types of Rubber, by End Products, December 1956.

Type of Rubber	Total Consumption	Consumed in the Manufacture of:-			
		Tires and Tubes	Wire and Cable	Footwear	Other Products
	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds
Natural Rubber -					
Solid	7,529	5,744	57	566	1,162
Latex	677	13	-	1	663
Total Natural Rubber	8,206	5,757	57	567	1,825
Synthetic Rubber -					
Buna-S, solid	6,727	4,899	250	733	845
Buna-S, latex	394	103	-	2	289
Buna-N	40	8	-	2	30
Butyl	632	478	25	18	111
Neoprene	516	19	247	14	236
Other	179	9	-	103	67
Total Synthetic Rubber ..	8,488	5,516	522	872	1,578
Reclaimed Rubber -					
Solid	2,750	1,744	-	190	816
Latex	46	1	-	42	3
Total Reclaimed Rubber ..	2,796	1,745	-	232	819
GRAND TOTAL	19,490	13,018	579	1,671	4,222

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 4 - Consumption of Natural Rubber in Total by End Products, January 1956 to January 1957, showing also percentage of Natural to all Rubber Consumed.

	Natural		Consumed 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
1956 - January	7,374	38.0	5,134	60	549	1,631
February	7,497	37.7	5,046	49	669	1,733
March	7,382	37.3	4,782	95	683	1,822
April	7,976	37.3	5,321	130	735	1,790
May	8,126	37.1	5,632	78	715	1,701
June	8,107	39.5	5,391	83	698	1,935
July	7,000	38.6	5,200	33	427	1,340
August	6,903	41.4	4,299	66	895	1,643
September ...	8,433	42.3	5,779	86	677	1,891
October	9,821	43.6	7,037	99	854	1,831
November	9,608	42.7	6,801	113	804	1,890
December	8,206	42.0	5,757	57	567	1,825
1957 - January	8,635	39.7	5,938	98	678	1,921

Table 5 - Consumption of Synthetic Rubber, in Total by End Products, January 1956 to January 1957, showing also percentage of Synthetic to all Rubber Consumed.

	Synthetic		Consumed 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
1956 - January	9,046	46.6	6,087	511	878	1,570
February	9,257	46.6	6,133	597	981	1,546
March	9,120	46.0	6,014	557	757	1,792
April	9,861	46.2	6,644	580	821	1,816
May	10,144	46.3	6,899	636	875	1,734
June	9,048	44.1	5,921	667	754	1,706
July	8,300	45.8	6,234	370	537	1,159
August	7,376	44.2	4,563	667	827	1,319
September ...	8,692	43.6	5,870	667	682	1,473
October	9,450	42.0	6,112	688	901	1,749
November	9,653	42.9	6,187	863	869	1,734
December	8,488	43.5	5,516	522	872	1,578
1957 - January	9,830	45.1	6,239	711	1,013	1,867

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 6 - Consumption of Reclaimed Rubber in Total by End Products January 1956 to January 1957, showing also Percentage of Reclaimed to all Rubber Consumed.

	Reclaimed		Consumed 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
1956 - January	2,999	15.4	1,929	1	247	822
February	3,121	15.7	2,038	3	252	828
March	3,311	16.7	2,132	1	215	963
April	3,528	16.5	2,051	5	248	1,224
May	3,628	16.6	2,275	1	258	1,094
June	3,358	16.4	2,052	3	258	1,045
July	2,839	15.6	1,993	2	175	669
August	2,407	14.4	1,492	1	336	578
September	2,814	14.1	1,859	1	263	691
October	3,230	14.4	2,141	4	276	809
November	3,252	14.4	2,129	3	299	821
December	2,796	14.4	1,745	-	232	819
1957 - January	3,309	15.2	2,216	1	253	839

Table 7 - Consumption of Synthetic Rubber, by Types January 1956 to January 1957.

	Buna-S		Butyl	Neoprene	Buna-N	Other	Total
	Solid	Latex					
	pounds	pounds					
1956 - January ..	7,472,527	261,391	603,876	525,752	34,695	147,554	9,045,795
February .	7,524,276	278,461	732,015	532,057	33,648	156,879	9,257,336
March	7,342,598	315,439	694,922	556,842	35,562	174,918	9,120,281
April	7,838,506	336,387	881,925	578,229	24,602	201,578	9,861,227
May	8,161,162	321,431	882,478	577,581	31,811	169,782	10,144,245
June	7,056,754	330,418	782,178	643,142	41,123	194,394	9,048,009
July	6,760,342	296,468	671,411	371,241	19,333	181,177	8,299,972
August ...	5,805,168	280,084	479,646	628,957	33,090	149,510	7,376,455
September.	6,949,191	311,174	681,193	563,496	26,765	160,154	8,691,973
October ..	7,469,917	387,417	701,861	653,514	38,671	198,477	9,449,857
November .	7,580,210	390,573	740,285	704,789	37,519	199,282	9,652,658
December .	6,726,709	393,765	631,951	516,224	39,879	179,368	8,487,896
1957 - January ..	7,874,412	470,138	765,576	637,290	66,597	16,818	9,830,831

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 8 - Consumption of all Rubber in Total, by Types, showing percentages of Each Type to all Rubber Consumed, 1939 to 1956

	Natural		Synthetic		Reclaimed	
	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
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
1954	93,129,151	49.3	67,379,304	35.6	28,603,823	15.1
1955	99,281,626	44.5	90,062,434	40.4	33,666,387	15.1
1956	96,433,000	39.8	108,435,000	44.8	37,283,000	15.4

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