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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 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 February 1956 as compared with January 1956 shows an increase in natural of 123,226 pounds, an increase in synthetic of 211,541 pounds and an increase in reclaim of 121,947 pounds, the total being an increase of 456,714 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 67,963 pounds, consumption in rubber footwear increased by 227,481 pounds, in wire and cable increased by 76,651 pounds and in other products increased by 84,619 pounds making the total increase of 456,714 pounds mentioned above.

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

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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, 1939-1955 and Actual Monthly Totals, January and February 1956.

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	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-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

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 February 1, 1956	Production	Inventory February 29, 1956
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	164	-	123
Total Natural Rubber	164	-	123
<u>Synthetic Rubber</u>			
Buna-S	3,213	5,016	2,286
Butyl	870	1,733	617
Neoprene	30	-	28
All Other	509	1,479	323
	4,622	8,228	3,254
<u>Reclaim Rubber</u>			
Dispersions	18	28	40
Other than Dispersions	199	380	207
Total Reclaim Rubber	217	408	247
GRAND TOTAL	5,003	8,636	3,624

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

Type of Rubber	Inventory February 1, 1956	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory February 29, 1956
<u>Natural Rubber</u>					
Crude Rubber	5,098	3,468	3,088	16	5,462
Natural Latex	362	182	259	8	277
Total Natural Rubber	5,460	3,650	3,347	24	5,739
<u>Synthetic Rubber</u>					
Buna-S, Solid	2,769	3,310	3,359	-	2,720
Buna-S, Latex	223	84	124	6	177
Buna-N	24	24	15	-	33
Butyl	245	283	327	-	201
Neoprene	272	286	237	-	321
All Other	83	123	70	12	124
Total Synthetic Rubber ..	3,616	4,110	4,132	18	3,576
<u>Reclaim Rubber</u>					
Dispersions	65	13	18	-	60
Other than Dispersions	1,443	1,365	1,375	-	1,433
Total Reclaim	1,508	1,378	1,393	-	1,493
GRAND TOTAL	10,584	9,138	8,872	42	10,808

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section A. Summary Data (Concluded)

Table 3(a) - Consumption of all Rubber, by Types and by End Products
Classification, January, 1956

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,133,735*	6,087,019*	1,929,229	13,149,983*
2. Wire and cable	59,899*	511,131*	665	571,695*
3. Footwear (including heels, soles, etc.)	549,354	878,273	246,806	1,674,433
4. Other products	1,631,250*	1,569,372*	822,339	4,022,961*
TOTAL	7,374,238	9,045,795	2,999,039	19,419,072

Table 3(b) - Consumption of all Rubber by Types and by End Products
Classification, February, 1956

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,046,501	6,133,578	2,037,867	13,217,946
2. Wire and cable	48,506	596,947	2,893	648,346
3. Footwear (including heels, soles, etc.)	669,189	980,908	251,817	1,901,914
4. Other products	1,733,268	1,545,903	828,409	4,107,580
TOTAL	7,497,464	9,257,336	3,120,986	19,875,786

Table 4 - Consumption of all Rubber in Total, by Types, showing percentages of
Each Type to all Rubber Consumed, 1939 to 1955

	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
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

* Revised figures.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The February 1956 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 February 1955 to February 1956 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 Products Classification, February 1956

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,033,279	13,222	5,046,501
2. Wire and cable	48,506	-	48,506
3. Footwear (including heels, soles, etc.)	662,936	6,253	669,189
4. Other products	1,172,967	560,301	1,733,268
TOTAL	6,917,688	579,776	7,497,464

Table 6 - Consumption of Natural Rubber in Total by End Products, February 1955 to February 1956, 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
1955 - February	8,521	45.9	5,685	40	744	2,052
March	9,275	46.5	6,196	74	798	2,207
April	8,561	47.5	5,824	65	781	1,891
May	8,426	45.8	5,614	111	848	1,853
June	8,592	42.1	5,496	61	848	2,187
July	6,172	42.5	4,512	40	361	1,259
August	6,427	44.4	3,754	74	955	1,644
September	8,951	44.1	5,835	81	901	2,134
October	8,657	44.6	5,802	37	821	1,997
November	9,457	41.9	6,431	62	800	2,164
December	8,378	41.2	5,789	48	547	1,994
1956 - January	7,374	38.0	5,134*	60*	549	1,631*
February	7,497	37.7	5,046	49	669	1,733

* Revised figures.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The February 1956 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 Products Classification, February 1956.

End Products	Buna-S		Buna-N	Butyl	Neoprene	Other	Total Synthetic
	Solid	Latex					
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1. Tires, tubes & tire repair materials	5,385,085	102,387	98	597,733	28,931	19,344	6,133,578
2. Wire & cable	304,842	1,629	-	22,393	260,295	7,788	596,947
3. Footwear (including heels, soles, etc.)	839,339	155	257	11,016	41,295	88,846	980,908
4. Other products	995,010	174,290	33,293	100,873	201,536	40,901	1,545,903
TOTAL	7,524,276	278,461	33,648	732,015	532,057	156,879	9,257,336

Table 8 - Consumption of Synthetic Rubber, in Total, by End Products February 1955 to February 1956, showing also percentages of Synthetic to all Rubber Consumed.

	Synthetic		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
1955 - February	7,018	37.8	4,586	376	827	1,229
March	7,544	37.9	4,796	443	839	1,466
April	6,735	37.3	4,347	411	594	1,383
May	7,494	40.8	4,950	443	697	1,404
June	8,476	41.6	5,724	447	753	1,552
July	6,023	41.4	4,439	160	408	1,016
August	6,013	41.5	3,324	469	816	1,404
September	8,292	40.9	5,362	508	752	1,670
October	7,953	41.0	5,217	326	809	1,601
November	9,739	43.2	6,459	446	898	1,936
December	8,912	43.9	5,914	385	1,001	1,612
1956 - January	9,046	46.6	6,087*	511*	878	1,570*
February	9,257	46.6	6,133	597	981	1,546

* Revised figures.

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Table 9 - Consumption of Synthetic Rubber, by Types, February 1955 to February 1956

	Buna-S	Butyl	Neoprene	Other	Total
	pounds	pounds	pounds	pounds	pounds
1955 - February	5,852,577	610,502	388,316	166,321	7,017,716
March	6,064,508	809,558	452,005	218,379	7,544,450
April	5,510,556	642,993	436,143	145,688	6,735,380
May	6,186,793	727,054	440,158	139,894	7,493,899
June	7,133,999	696,116	503,596	142,658	8,476,369
July	5,176,428	468,172	234,491	144,090	6,023,181
August	5,004,606	380,152	457,911	171,004	6,013,673
September	6,986,345	603,847	524,632	176,928	8,291,752
October	6,697,930	638,312	449,913	167,284	7,953,439
November	8,392,626	619,474	520,666	206,531	9,739,297
December	7,615,618	650,258	453,622	192,741	8,912,239
1956 - January	7,733,918	603,876	525,752	182,249	9,045,795
February	7,802,737	732,015	532,057	190,527	9,257,336

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification February 1955 to February 1956. Of the 3,120,986 pounds consumed in February 1956, 39,536 pounds were consumed in the form of dispersions and 3,081,450 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 February 1955 to February 1956, showing also Percentage of Reclaim to all Rubber Consumed.

	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
1955 - February	3,025	16.3	1,984	6	182	853
March	3,114	15.6	1,929	9	230	946
April	2,749	15.2	1,741	4	207	797
May	2,468	13.4	1,476	5	204	783
June	3,334	16.3	2,240	8	194	892
July	2,342	16.1	1,641	3	142	556
August	2,048	14.1	1,113	11	231	693
September	3,037	15.0	1,976	5	231	825
October	2,782	14.4	1,683	6	262	831
November	3,374	14.9	2,115	2	272	985
December	3,016	14.9	1,901	1	267	847
1956 - January	2,999	15.4	1,929	1	247	822
February	3,121	15.7	2,038	3	252	828

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