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RESEARCH DEPARTMENT

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 June as compared with May 1956 shows a decrease in natural of 18,889 pounds, a decrease in synthetic of 1,096,236 pounds and a decrease in reclaim of 269,851 pounds, the total being a decrease of 1,384,976 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, decreased by 1,441,713 pounds, consumption in rubber footwear decreased by 138,060 in wire and cable increased by 36,106 pounds and in other products increased by 158,691 pounds making the total decrease of 1,384,976 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 to June 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	1,168
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
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

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 June 1, 1956	Production	Inventory June 30, 1956
<u>Natural Rubber</u>			
Crude Rubber	-	-	-
Natural Latex	94	-	89
Total Natural Rubber .	94	-	89
<u>Synthetic Rubber</u>			
Buna-S	2,689	6,787	2,653
Butyl	836	1,945	1,010
Neoprene	27	-	24
All Other	984	1,650	1,228
	4,536	10,382	4,915
<u>Reclaim Rubber</u>			
Dispersions	18	36	14
Other than Dispersions .	194	420	188
Total Reclaim Rubber .	212	456	202
GRAND TOTAL	4,842	10,838	5,206

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

Type of Rubber	Inventory June 1, 1956	Receipts (Imports, etc.)	Con- sump- tion	Sales (Exports, etc.)	Inventory June 30, 1956
<u>Natural Rubber</u>					
Crude Rubber	3,971	3,416	3,369	10	4,008
Natural Latex	346	217	250	15	298
Total Natural Rubber	4,317	3,633	3,619	25	4,306
<u>Synthetic Rubber</u>					
Buna-S, Solid	2,504	3,539	3,150	-	2,893
Buna-S, Latex	194	164	148	3	207
Buna-N	34	14	18	-	30
Butyl	229	379	349	-	259
Neoprene	363	268	287	-	344
All Other	146	93	87	12	140
Total Synthetic Rubber	3,470	4,457	4,039	15	3,873
<u>Reclaim Rubber</u>					
Dispersions	65	25	19	-	71
Other than Dispersions .	1,513	1,409	1,480	-	1,442
Total Reclaim	1,578	1,434	1,499	-	1,513
GRAND TOTAL	9,365	9,524	9,157	40	9,692

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, May, 1956

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,632,093	6,898,750	2,275,285	14,806,128
2. Wire and cable	78,388	636,355	1,490	716,233
3. Footwear (including heels, soles, etc.)	714,712	875,503	258,158	1,848,373
4. Other products	1,701,085	1,733,637	1,093,676	4,528,398
TOTAL	8,126,278	10,144,245	3,628,609	21,899,132

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

End Products	Natural	Synthetic	Reclaim	Total All Rubber
	pounds	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,390,634	5,921,393	2,052,388	13,364,415
2. Wire and cable	82,758	666,755	2,826	752,339
3. Footwear (including heels, soles, etc.)	698,454	753,589	258,270	1,710,313
4. Other products	1,935,543	1,706,272	1,045,274	4,687,089
TOTAL	8,107,389	9,048,009	3,358,758	20,514,156

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	80.8	-	-	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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section B. Natural Rubber

The June 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 June 1955 to June 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, June 1956

End Products	Natural Rubber (excluding Latex)	Latex	Total Natural
	pounds	pounds	pounds
1. Tires, tubes and tire repair materials	5,376,834	13,800	5,390,634
2. Wire and cable	82,758	-	82,758
3. Footwear (including heels, soles, etc.)	690,926	7,528	698,454
4. Other products	1,396,618	538,925	1,935,543
TOTAL	7,547,136	560,256	8,107,389

Table 6 - Consumption of Natural Rubber in Total by End Products, June 1955 to June 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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

Section C. Synthetic Rubber

The June 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, June 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	5,153,601	114,673	375	610,811	21,517	20,416	5,921,393
2. Wire & Cable	280,531	-	-	21,894	364,330	-	666,755
3. Footwear (including heels, soles, etc.)	644,085	1,242	1,905	5,126	14,657	86,574	753,589
4. Other products	978,537	214,503	38,843	144,347	242,638	87,404	1,706,272
TOTAL	7,056,754	330,418	41,123	782,178	643,142	194,394	9,048,009

Table 8 - Consumption of Synthetic Rubber, in Total by End Products June 1955 to June 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 - 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
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

CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

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

	Buna-S pounds	Butyl pounds	Neoprene pounds	Other pounds	Total pounds
1955 - 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
March	7,658,037	694,922	556,842	210,480	9,120,281
April	8,174,893	881,925	578,229	226,180	9,861,227
May	8,482,593	882,478	577,581	201,593	10,144,245
June	7,387,172	782,178	643,142	235,517	9,048,009

Section D. Reclaim Rubber

Table 10 gives the consumption of Reclaim Rubber in total only, by end products classification June 1955 to June 1956. Of the 3,358,758 pounds consumed in June 1956, 42,757 pounds were consumed in the form of dispersions and 3,316,001 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 June 1955 to June 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 Pro- ducts
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds
1955 - 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
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

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