

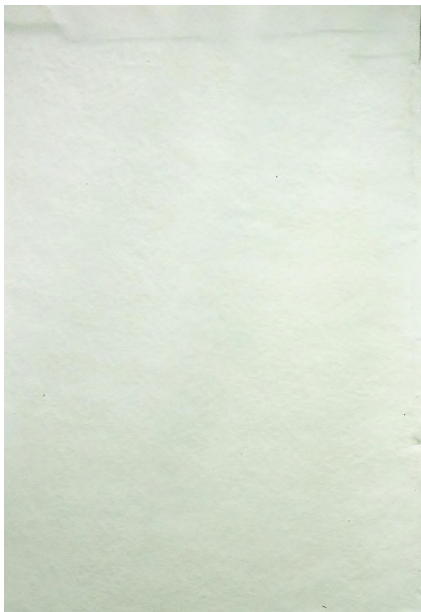


भारतीय रबड़
सांख्यिकी
भाग 39, 2018

INDIAN RUBBER
STATISTICS
VOL. 39, 2018



RUBBER BOARD, KOTTAYAM

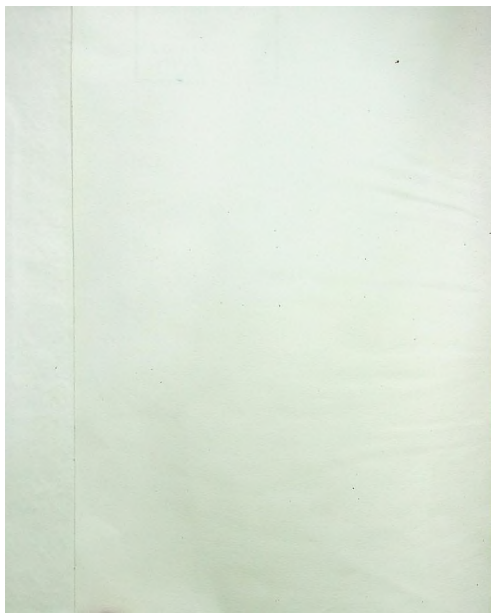


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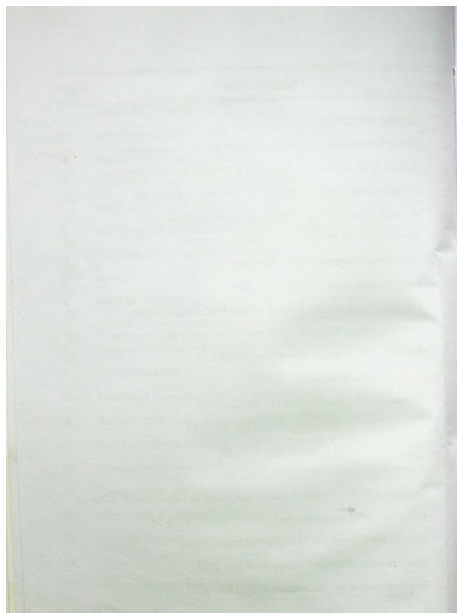


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1. NATURAL RUBBER IN INDIA

1.1 AREA AND PRODUCTION

TABLE - 1

AREA ANNUALLY PLANTED WITH RUBBER
(Hectares)

Year	Newplanted	Replanted	Total
2015-16	16000	15000	31000
2016-17	8000	10000	18000
2017-18p	4000	7500	11500

TABLE - 2

TOTAL RUBBER AREA, TAPPABLE AND TAPPED AREA
(Hectares)

Year	Total area	Tappable area	Tapped area
2015-16	810800	558900	391000
2016-17	818000	584600	445000
2017-18p	820900	612000	475900

TABLE - 3

TAPPED AREA, PRODUCTION & AVERAGE YIELD

Year	Tapped area (ha)	Production (Tonnes)	Yield (Kg/ha)
2015-16	391000	562000	1437
2016-17	445000	691000	1553
2017-18p	475900	694000	1458

TABLE - 4

STATE-WISE AREA UNDER RUBBER
(Hectares)

State / Union Territory	2015-16	2016-17p
Traditional Region		
Kerala	550840	551050
Tamil Nadu	21160	21250
Traditional Total	572000	572300
Non-Traditional (NT) Region		
a) North Eastern Region		
Tripura	81080	83380
Assam	55250	57050
Meghalaya	15420	16020
Nagaland	14545	14845
Manipur	4095	4145
Mizoram	3660	4060
Arunachal Pradesh	5500	5800
North East Total	179550	185300
b) Other Non-Traditional Region		
Karnataka	50510	51010
A&N Islands	805	805
Goa	1165	1165
Maharashtra	2493	2663
Odisha	2736	3136
West Bengal	888	918
Andhra Pradesh	653	703
Other NT Total	59250	60400
Total India	810800	818000

TABLE - 5

**TAPPED AREA, PRODUCTION AND AVERAGE YIELD PER HECTARE
IN DIFFERENT STATES**

State	Tapped Area (ha)		Production (Tonnes)		Yield (kg/ha)	
	2015-16	2016-17p	2015-16	2016-17p	2015-16	2016-17p
Kerala	296465	331800	438630	540400	1480	1629
Tamil Nadu	13335	13200	19495	21140	1462	1602
Tripura	35385	40545	44245	50985	1250	1257
Assam	11840	16215	14560	19970	1230	1232
Meghalaya	6035	7310	7360	8950	1220	1224
Karnataka	20380	26290	29400	38800	1443	1476
Other states	7560	9640	8310	10755	1099	1116
Total India	391000	445000	562000	691000	1437	1553

TABLE - 6

NUMBER OF UNITS AND AREA OCCUPIED BY HOLDINGS AND ESTATES

Year	Small holdings*		Estates	
	No. of Units (Million)	Area (ha)	No. of Units	Area (ha)
2014-15	1.29	723600	537	71535
2015-16	1.31	739285	537	71515
2016-17p	1.32	746785	536	71215

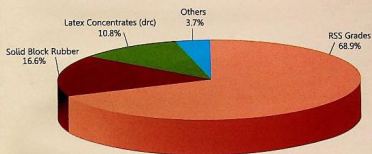
*: 'Small holdings' refer to rubber-growing units having area upto 10 ha and all others are referred to as 'Estates'.

TABLE - 7

DISTRICT-WISE AREA & PRODUCTION OF RUBBER IN KERALA STATE

District	2015-16		2016-17p	
	Total Area (ha)	Production (Tonnes)	Total Area (ha)	Production (Tonnes)
Thiruvananthapuram	32160	25080	32200	31000
Kollam	37240	31600	37260	37800
Pathanamthitta	50880	44510	50900	53800
Alappuzha	4500	3620	4500	4500
Kottayam	114400	88700	114410	110000
Idukki	40580	32050	40590	39300
Ernakulam	60140	48550	60170	60000
Thrissur	15660	12900	15660	15600
Palakkad	37860	29100	37870	36300
Malappuram	42750	32450	42770	40000
Kozhikode	21920	19000	21930	23000
Wynad	10790	6200	10800	7800
Kannur	48050	39020	48070	49000
Kasargod	33910	25850	33920	32300
KERALA	550840	438630	551050	540400

Chart 1
PRODUCTION OF DIFFERENT FORMS OF NR-2017-18



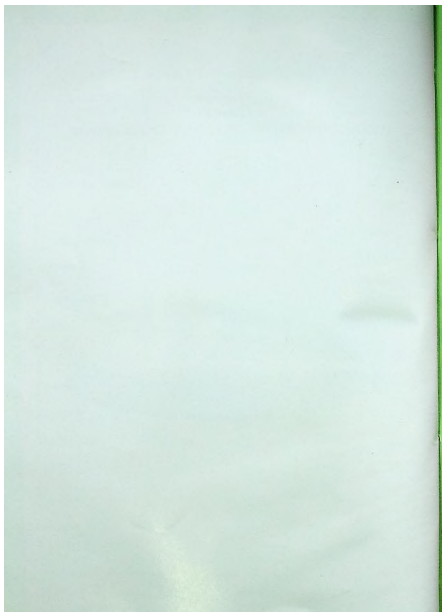


Chart 2
CONSUMPTION OF DIFFERENT FORMS OF NR-2017-18

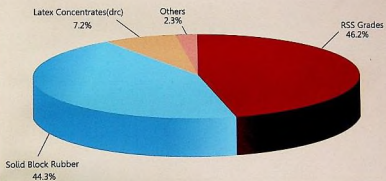




TABLE - 8

PRODUCTION OF DIFFERENT FORMS OF NR
(Tonnes)

Type	2015-16	2016-17	2017-18p	% share
RSS Grades	375495	473375	478445	68.9
Solid Block Rubber	92785	106560	114875	16.6
Latex Concentrates (drc)	71835	83200	75070	10.8
Others	21885	27865	25610	3.7
Total	562000	691000	694000	100

1.2 CONSUMPTION

TABLE - 9

CONSUMPTION OF DIFFERENT FORMS OF NR
(Tonnes)

Type	2015-16	2016-17	2017-18p	% share
RSS Grades	459570	486470	513710	46.2
Solid Block Rubber	426215	451240	493410	44.3
Latex Concentrates (drc)	86530	82100	79765	7.2
Others	22100	24265	25325	2.3
Total	994415	1044075	1112210	100

TABLE - 10

TYRE & NON-TYRE CONSUMPTION OF NR
(Tonnes)

Year	Auto tyres & tubes	Non-tyre	Total	% Growth
2015-16	663495	330920	994415	-2.6
2016-17	707335	336740	1044075	5.0
2017-18p	772162	340048	1112210	6.5

1.3 IMPORT

TABLE - 11

IMPORT OF DIFFERENT FORMS OF NR (Tonnes)

Type	2015-16	2016-17	2017-18p	% share
RSS Grades	105210	68485	79480	16.9
Solid Block Rubber	344150	350984	381690	81.3
Latex Concentrates (drc)	7530	6200	8190	1.7
Others	1484	519	400	0.1
Total	458374	426188	469760	100

TABLE - 12

CHANNEL-WISE IMPORT OF NR (Tonnes)

Type	2015-16	2016-17	2017-18p	% share
Duty Paid	357060	329767	332058	70.7
Duty Free	101314	96421	137702	29.3
Total	458374	426188	469760	100

Chart 3
IMPORT OF DIFFERENT FORMS OF NR-2017-18

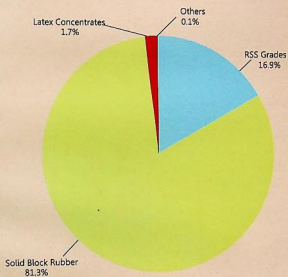




TABLE - 13

IMPORT OF NR THROUGH DIFFERENT PORTS
(Tonnes)

Port	2015-16	2016-17	2017-18p
Chennai sea	209405	229250	252674
Nhava Sheva sea	99339	196938	217086
Mundra	32429		
Cochin sea	25479		
Kolkata sea	8681		
Petrapole land	6033		
Delhi (ICD)	2043		
Tuticorin sea	120		
ICD Bangalore	16		
Other ports	74829		
Total	458374	426188	469760

Note: As per Gazette Notification of DGFT No: 32/2015-2020, dated 20.01.2016, import of NR is allowed only through sea ports of Chennai and Nhava Sheva.

TABLE - 14

IMPORT OF NR ACCORDING TO SOURCE COUNTRIES
(Quantity in Tonnes and Value in Million Rs)

Country	2015-16		2016-17		2017-18p	
	Quantity	Value	Quantity	Value	Quantity	Value
Indonesia	212293	20944	224408	23076	272003	30882
Thailand	112006	11091	79506	8403	86172	10393
Vietnam	89914	8565	76288	7532	66329	7198
Cote d'Ivoire	10362	954	19696	1873	18405	1982
Cambodia	3717	349	4937	518	9504	1059
Malaysia	16880	3512	11450	1363	6244	661
Bangladesh	6049	642	4091	400	2970	329
Philippines	2903	266	1251	122	2322	248
Nigeria	968	84	1916	186	1916	222
Sri Lanka	353	40	958	114	1338	188
Cameroon	605	54	101	9	101	11
Singapore	450	41	403	36	19	3
Others	1874	174	1183	114	2437	261
Total	458374	46716	426188	43746	469760	53437

Source: "Monthly Statistics of Foreign Trade of India", published by DGCI&S, Kolkata

1.4 EXPORT

TABLE - 15

QUANTITY AND VALUE OF EXPORT OF NR

Year	Quantity (Tonnes)	Value	
		Rs Crore	Million US\$
2015-16	865	8.3	1.3
2016-17	20920	220.9	32.9
2017-18p	5072	57.0	8.8

TABLE - 16

TYPE-WISE EXPORT OF NR (Tonnes)

Type	2015-16	2016-17	2017-18p
RSS Grades	152	385	461
Solid Block Rubber	486	6570	1477
Latex Concentrates	227	13789	3102
Others	0	176	32
Total	865	20920	5072

TABLE - 17

EXPORT OF NR ACCORDING TO DESTINATION COUNTRIES (Tonnes)

Country	2015-16	2016-17	2017-18p
Iran	480	1543	1333
China	0	4863	800
Italy	0	364	774
Netherlands	0	569	452
Sri Lanka	152	0	405
Nepal	164	219	292
Malaysia	0	6085	192
Brazil	0	2114	188
Germany	0	215	151
Belgium	0	1193	86
Turkey	0	384	83
UAE	66	109	48
USA	0	1774	0
Egypt	0	1036	0
Bulgaria	0	129	0
Others	3	323	268
Total	865	20920	5072

Chart 4
EXPORT OF DIFFERENT FORMS OF NR-2017-18

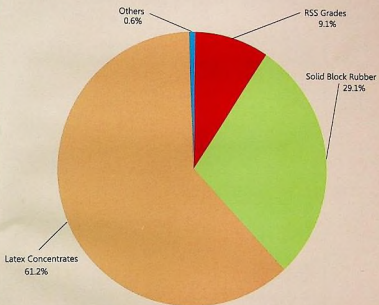




TABLE - 18

MONTHLY PRODUCTION AND CONSUMPTION OF NR
(Tonnes)

Month	Production			Consumption		
	2015-16	2016-17	2017-18p	2015-16	2016-17	2017-18p
April	40000	39000	48000	80815	83750	89000
May	45000	46000	50000	81765	86775	88700
June	47000	50000	45000	80955	88065	86680
July	47000	52000	58000	83400	88340	89500
August	48000	58000	58000	82725	87000	88400
September	50000	60000	61000	81600	84000	86680
October	52000	62000	62000	82650	85000	89000
November	53000	65000	64000	77880	87765	96500
December	58000	70000	78000	85250	85280	99600
January	52000	72000	73000	84875	84600	99350
February	37000	62000	52000	84320	87500	95800
March	33000	55000	45000	88180	96000	103000
Total	562000	691000	694000	994415	1044075	1112210

TABLE - 19

MONTHLY IMPORT AND EXPORT OF NR
(Tonnes)

Month	Import			Export		
	2015-16	2016-17	2017-18p	2015-16	2016-17	2017-18p
April	36957	34550	24289	8	91	2240
May	36964	35445	37256	0	98	1247
June	38923	37336	33437	6	44	134
July	41917	41258	35560	39	42	301
August	37413	48853	44787	155	28	262
September	42713	52974	49844	25	222	24
October	43276	44601	38048	113	125	479
November	35226	40831	33964	88	640	284
December	45586	25076	36136	23	2232	20
January	39512	24279	42018	214	6329	29
February	31864	15690	45722	161	6212	33
March	28023	25295	48699	33	4857	19
Total	458374	426188	469760	865	20920	5072

1.5 STOCK

TABLE - 20

STOCK OF NATURAL RUBBER WITH GROWERS, DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH

('000 Tonnes)

Month	2015-16			2016-17			2017-18p		
	G&D	M	T	G&D	M	T	G&D	M	T
April	162.3	79.7	242.0	128.2	84.8	213.0	144.0	106.0	250.0
May	153.7	83.3	237.0	123.8	83.2	207.0	140.6	99.4	240.0
June	151.0	83.0	234.0	129.0	79.0	208.0	134.0	91.0	225.0
July	146.2	83.8	230.0	136.6	74.4	211.0	142.0	81.0	223.0
August	154.1	80.9	235.0	145.0	76.0	221.0	144.0	88.0	232.0
September	159.0	81.0	240.0	158.4	86.6	245.0	158.0	92.0	250.0
October	162.1	87.9	250.0	160.5	99.5	260.0	165.0	97.0	262.0
November	168.8	86.2	255.0	172.0	98.0	270.0	169.0	95.0	264.0
December	169.0	91.0	260.0	165.0	107.0	272.0	178.0	93.0	271.0
January	167.0	97.0	264.0	168.0	109.0	277.0	179.0	101.0	280.0
February	148.7	99.3	248.0	161.0	119.0	280.0	175.0	113.0	288.0
March	134.0	90.0	224.0	148.0	116.0	264.0	171.0	121.0	292.0

Note: G - Growers, D - Dealers & Processors, M - Manufacturers, T - Total

Stock with manufacturers include stock in transit as well as imported rubber.

2. SYNTHETIC RUBBER

TABLE - 21

TYPE-WISE PRODUCTION OF SR (Tonnes)

Type	2015-16	2016-17	2017-18p
Styrene Butadiene Rubber (SBR)*	60457	85111	193335
Polybutadiene	111807	116557	113666
Latex(drc)*	17009	11909	16603
Others	10572	9167	7617
Total	199845	222744	331221

*: Including HSR

*: includes SBR Latex, VP Latex and Nitrile Latex

TABLE - 22

TYPE-WISE CONSUMPTION OF SR (Tonnes)

Type	2015-16	2016-17	2017-18p
Styrene Butadiene Rubber®	250610	278800	311555
Polybutadiene	172155	184720	184130
Butyl	79700	87465	89920
Others	50905	47595	48370
Total	553370	598580	633975

®: includes SBR Latex

TABLE - 23

PRODUCTION, IMPORT, CONSUMPTION & STOCK OF SR (Tonnes)

Year	Production	Import	Consumption	Stock at the end of the year
2015-16	199845	351301	553370	61095
2016-17	222744	379791	598580	65050
2017-18p	331221	338189	633975	90985

TABLE - 24

SR:NR COMPOSITION OF TYRE & NON TYRE CONSUMPTION

Year	INDIA			WORLD* (SR:NR)
	TYRE	NON-TYRE	TOTAL	
2015-16	36:64	35:65	36:64	55:45
2016-17	37:63	35:65	36:64	54:46
2017-18p	36:64	37:63	36:64	53:47

*: Calendar year

3. NATURAL, SYNTHETIC & RECLAIMED RUBBER

TABLE - 25

STATE-WISE CONSUMPTION OF ALL KINDS OF RUBBER (Tonnes)

State/Union Territory	2015-16			
	Natural	Synthetic	Reclaimed	Total
Andhra Pradesh	67960	49150	13250	130360
Goa	35750	14780	800	51330
Gujarat	92250	51300	4150	147700
Haryana	37270	22300	2780	62350
Karnataka	57150	20160	5400	82710
Kerala	127400	61240	13990	202630
Madhya Pradesh**	25150	26265	3400	54815
Maharashtra	105370	88260	15635	209265
Odisha	12750	6900	600	20250
Punjab*	65825	13585	16960	96370
Rajasthan	62890	34925	6250	104065
Tamil Nadu	214200	135180	21360	370740
Uttar Pradesh	35385	10850	5850	52085
Uttarakhand	28500	8250	4850	41600
West Bengal	11555	2050	550	14155
Others	15010	8175	2585	25770
Total	994415	553370	118410	1666195
State/Union Territory	2016-17p			
	Natural	Synthetic	Reclaimed	Total
Andhra Pradesh	63950	49685	13220	126855
Goa	43700	17650	1140	62490
Gujarat	107235	57040	4950	169225
Haryana	39450	26500	3050	69000
Karnataka	54320	20650	4650	79620
Kerala	132500	61250	14900	208650
Madhya Pradesh**	21900	23090	2290	47280
Maharashtra	113750	99870	17300	230920
Odisha	24875	9190	920	34985
Punjab*	63970	13050	16500	93520
Rajasthan	64300	38395	6380	109075
Tamil Nadu	220965	147750	23350	392065
Uttar Pradesh	35980	11250	4560	51790
Uttarakhand	27600	9900	4500	42000
West Bengal	10650	2800	525	13975
Others	18930	10510	2000	31440
Total	1044075	598580	120235	1762890

*: including Chandigarh

** : including Chattisgarh

TABLE - 26

**CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS
(Tonnes)**

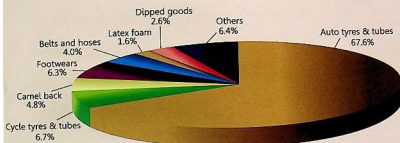
Products	2015-16				
	NR	SR	RR	Total	% share
Auto tyres & tubes*	670900	392950	49900	1113750	66.8
Cycle tyres & tubes	67295	32435	24800	124530	7.5
Camel back	45835	31340	4860	82035	4.9
Footwears	63690	36705	10380	110775	6.6
Belts and hoses	36670	17700	9945	64315	3.9
Latex foam	28500	0	0	28500	1.7
Dipped goods	42940	0	0	42940	2.6
Others	38585	42240	18525	99350	6.0
Total	994415	553370	118410	1666195	100

Products	2016-17p				
	NR	SR	RR	Total	% share
Auto tyres & tubes*	712790	427330	50800	1190920	67.6
Cycle tyres & tubes	63700	32780	22500	118980	6.7
Camel back	48750	30850	5350	84950	4.8
Footwears	67500	35720	8570	111790	6.3
Belts and hoses	37600	22100	10190	69890	4.0
Latex foam	28700	0	0	28700	1.6
Dipped goods	45170	0	0	45170	2.6
Others	39865	49800	22825	112490	6.4
Total	1044075	598580	120235	1762890	100

* : Includes Tractor, Aero, ADV and off-the-road

NR - Natural Rubber, SR - Synthetic Rubber, RR - Reclaimed Rubber

Chart 5
CONSUMPTION OF ALL KINDS OF RUBBER
ACCORDING TO END PRODUCTS - 2016-17



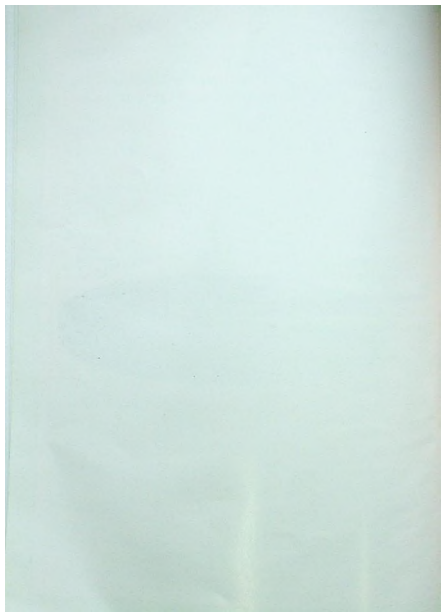
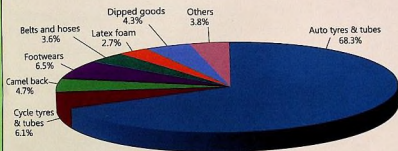


Chart 6
CONSUMPTION OF NR
ACCORDING TO END PRODUCTS -2016-17





4. PRICE OF RUBBER

TABLE - 27

PRICE OF DIFFERENT GRADES OF NATURAL RUBBER
(Rs per 100 kg in Kottayam Market)

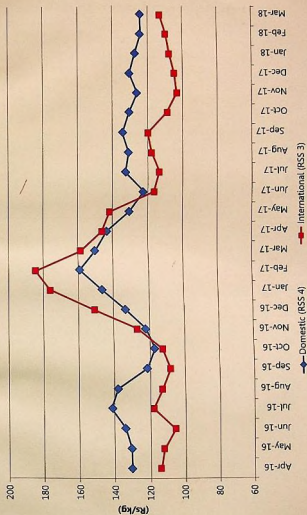
Year	RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	EBC 2X	LATEX 60% drc	ISNR 20
2015-16	13433	12111	11578	11306	10975	10044	14713	10042
2016-17	14407	14041	13787	13549	12995	11753	14851	11922
2017-18	14561	13529	13210	12980	12646	11518	14650	11517
2015	13777	12749	12371	12141	11349	10383	14816	10410
2016	13448	12859	12477	12242	11828	10713	14124	10754
2017	15154	14183	13893	13650	13190	12044	15031	12155

TABLE - 28

COMPARISON OF DOMESTIC AND INTERNATIONAL PRICES OF NR (Rs/100 kg)

Month/Year		RSS 4 Domestic (Kottayam)	RSS 3 International (Bangkok)	Latex (60% drc)		ISNR 20 Domestic	SMR 20 International (Kuala Lumpur)
				Domestic	International (Kuala Lumpur)		
April	2015	12058	10819	14020	12005	10405	8756
May	"	12510	11809	17048	13403	11270	9712
June	"	13098	11813	19415	14358	12045	10072
July	"	12537	10622	18302	12403	11326	9180
August	"	11665	9661	14098	11318	10270	8506
September	"	11218	8961	13635	10738	9902	8301
October	"	11410	8628	14443	10433	10264	8198
November	"	10954	8163	13770	9723	9129	7771
December	"	10279	8412	12708	9443	8482	7772
January	2016	9780	8305	13143	9103	8500	7321
February	"	9355	8668	12860	9835	8638	7534
March	"	10812	9776	13108	11398	10275	8651
Average	2015-16	11306	9636	14713	11180	10042	8481
April	2016	13062	11416	17163	13680	12225	9930
May	"	13076	11231	16978	13602	11714	9137
June	"	13375	10556	16485	12392	11500	8558
July	"	14177	11788	15653	12442	11936	8656
August	"	13850	11305	13587	12383	11477	8719
September	"	12142	10814	12153	12588	9728	9124
October	"	11692	11253	11963	13225	9848	9916
November	"	12214	12677	12575	14212	10964	11271
December	"	13370	15105	13817	15860	12243	12971
January	2017	14666	17654	14968	18370	13683	14843
February	"	15942	18451	16930	20372	14565	14804
March	"	15024	15889	15935	18407	13183	13025
Average	2016-17	13549	13178	14851	14794	11922	10913
April	2017	14339	14625	15688	15885	12522	10701
May	"	13073	14165	15595	15940	11916	9859
June	"	12238	11627	15410	14623	11089	9228
July	"	13300	11315	15290	13178	12495	9706
August	"	13063	11775	13685	13747	11414	9783
September	"	13424	11977	13993	14313	11743	10269
October	"	13060	10889	13807	12772	11200	9414
November	"	12587	10298	13788	12508	10689	9184
December	"	13082	10455	15283	12633	11365	9309
January	2018	12746	10755	14787	12937	11352	9602
February	"	12413	10963	14385	12733	10993	9421
March	"	12438	11286	14090	13297	11426	9389
Average	2017-18	12980	11678	14650	13714	11517	9655

Chart 7
PRICE OF NR IN DOMESTIC & INTERNATIONAL MARKETS





5. MISCELLANEOUS

TABLE - 29

NUMBER OF LICENSED DEALERS IN DIFFERENT STATES AT THE END OF EACH YEAR

State/Union Territory	2015-16	2016-17	2017-18
Kerala	7115	6686	6495
Tripura	521	529	749
Tamil Nadu	239	242	277
Punjab*	148	145	140
Karnataka	136	140	147
Delhi	108	101	103
Maharashtra	79	73	77
West Bengal	74	73	75
Uttar Pradesh	65	56	55
Assam	63	55	71
Others	162	152	164
Total	8710	8252	8353

* : Includes Chandigarh

TABLE - 30

NUMBER OF LICENSED DEALERS IN DIFFERENT DISTRICTS IN KERALA STATE AT THE END OF EACH YEAR

District	2015-16	2016-17	2017-18
Thiruvananthapuram	751	690	688
Kollam	1105	989	960
Pathanamthitta	826	759	704
Alappuzha	148	138	118
Kottayam	1456	1370	1314
Idukki	255	245	237
Ernakulam	732	652	625
Thrissur	142	133	121
Palakkad	398	393	371
Malappuram	407	404	390
Kozhikode	155	150	148
Wynad	60	56	57
Kannur	510	517	556
Kasargod	170	190	206
Total	7115	6686	6495

TABLE - 31

NUMBER OF LICENSED MANUFACTURERS IN DIFFERENT STATES AT THE END OF EACH YEAR

State/ Union Territory	2015-16	2016-17	2017-18
Kerala	744	734	668
Maharashtra	512	500	478
Tamil Nadu	496	469	455
Gujarat	421	427	411
Uttar Pradesh	404	393	394
Punjab*	395	396	385
Haryana	316	311	328
West Bengal	294	299	316
Karnataka	192	189	166
Rajasthan	131	132	136
Andhra Pradesh & Telungana	140	141	131
Delhi	105	104	108
Madhya Pradesh	66	61	61
Uttarakhand	25	24	26
Jharkhand	23	24	24
Goa	25	22	21
Himachal Pradesh	24	23	21
Odisha	9	9	13
Chattisgarh	9	9	11
Assam	8	7	5
Bihar	2	1	5
Others ^o	22	20	20
Total	4363	4295	4183

*: includes Chandigarh

^o : Others include Jammu & Kashmir, Pondicherry and Tripura

TABLE - 32

CATEGORY-WISE PRODUCTION OF TYRES ('000 numbers)

Category	2015-16	2016-17	2017-18p
Truck & Bus	16764	16257	18045
Tractor	5675	6111	6590
Passenger car / Jeep	38702	43743	42044
L.C.V. / S.C.V.	9728	10247	10257
Motor Cycles / Moped	57771	64020	68157
Scooter	22172	27428	30664
O.T.R.	498	700	638
Others*	722	657	600
Total	152032	169163	176995

* : includes A.D.V. and Industrial

L.C.V. : Light Commercial Vehicle

S.C.V. : Small Commercial Vehicle

O.T.R. : off - the - road

A.D.V. : Animal Drawn Vehicle

Source : Automotive Tyre Manufacturers' Association, New Delhi

TABLE - 33

CATEGORY-WISE PRODUCTION OF TUBES ('000 numbers)

Category	2015-16	2016-17	2017-18p
Truck & Bus	15946	14399	16389
Tractor	2380	2470	3081
Passenger car / Jeep	9674	8300	8657
L.C.V. / S.C.V.	8079	8479	8785
Motor Cycles / Moped	49265	53599	60148
Scooter	9738	9701	10942
O.T.R.	130	160	195
Others*	232	172	209
Total	95444	97280	108406

* : includes A.D.V. and Industrial

L.C.V. : Light Commercial Vehicle

S.C.V. : Small Commercial Vehicle

O.T.R. : off - the - road

A.D.V. : Animal Drawn Vehicle

Source : Automotive Tyre Manufacturers' Association, New Delhi

TABLE - 34

AUTOMOBILE PRODUCTION AND EXPORT
(‘000 numbers)

Category	Production		Export	
	2016-17	2017-18p	2016-17	2017-18p
Passenger Vehicles	3802	4010	759	747
Commercial Vehicles	810	895	108	97
Three Wheelers	784	1022	272	381
Two Wheelers	19933	23147	2340	2815
Total	25329	29074	3479	4040

Source: Society of Indian Automobile Manufacturers, New Delhi

TABLE - 35

PLANTING MATERIALS GENERATED IN BOARD'S NURSERIES

Year	Brown Budded Stumps	Green Budded Stumps	Root trainer plant	Polybags	Budwood
	(lakh numbers)				(lakh metres)
2015	2.91	0.90	4.21	0.48	1.00
2016	3.35	0.00	5.76	0.36	1.35
2017	1.09	0.00	4.82	0.30	1.37

TABLE - 36

VALUE OF RUBBER PRODUCTS EXPORTED
(Rs Crore)

Products	2015-16	2016-17	2017-18 ^p
a) Auto Tyres and Tubes Panel:			
Auto Tyres	8676.3	9588.9	11132.1
Auto Tubes	294.1	281.7	267.7
Tyre Flaps	116.4	148.0	112.5
Total (a)	9086.8	10018.6	11512.3
b) Rubber Products Panel:			
Automotive Components *	38.2	55.3	73.5
Bicycle Tubes	194.0	177.0	189.1
Bicycle Tyres	305.8	249.7	265.5
Conveyor, Transmission, V Belts	675.3	696.2	817.6
Floor Covering & Mats	415.5	439.3	467.3
Gaskets, Washers & Seals	508.7	799.1	959.1
Hoses	577.6	620.8	852.7
Latex, Dipped & Medical including Contraceptives	527.7	578.3	581.3
Reclaim Rubber & Waste Pairings & Scrap	476.6	472.0	512.3
Rubber Coats & Aprons	44.6	44.9	49.5
Rubber Products NES	87.7	71.6	101.0
Rubber Sheets	1732.2	1762.7	2049.7
Tyre Retread/Camel Back	451.6	479.7	570.8
Total (b)	6035.3	6446.7	7489.3
c) Footwear of rubber/canvas etc.	2008.2	2268.4	1913.8
Grand Total (a+b+c)	17130.4	18733.7	20915.3

* : Excluding suspension shock absorbers

Source : Export-Import Data Bank, Department of Commerce.

TABLE - 37

VALUE OF RUBBER PRODUCTS IMPORTED
(Rs Crore)

Products	2015-16	2016-17	2017-18p
Tyres	3295.5	3339.0	3168.3
Tubes	57.9	49.1	45.7
Flaps	28.7	29.5	13.4
Hygienic & Pharmaceuticals	45.3	41.2	74.7
Belting	479.2	491.0	574.0
Latex Foam Sponge	3.2	2.5	4.9
Ebonite	2.4	2.9	2.9
Vulcanised Rubber Thread & Cord	83.3	80.2	84.6
Other articles of rubber	4632.0	4604.5	5409.0
Total	8627.5	8639.9	9377.5

Source: Export-Import Data Bank, Department of Commerce.

6. WORLD STATISTICS

TABLE - 38

AREA PLANTED DURING EACH YEAR IN ANRPC MEMBER COUNTRIES
(‘000 Hectares)

COUNTRY	2015		2016		2017p	
	NP	RP	NP	RP	NP	RP
Cambodia	30.1	0.6	43.7	0.1	2.9	0.7
China	6.0	20.0	19.8	9.0	5.2	14.0
India	16.0	15.0	8.0	10.0	4.0	7.5
Indonesia	15.0	45.0	18.0	45.0	20.0	30.0
Malaysia	10.0	36.0	10.9	24.5	7.6	20.3
Philippines	23.4	1.7	11.7	1.0	10.0	1.0
Sri Lanka	0.8	1.9	0.6	1.6	1.5	2.0
Thailand	20.0	33.3	18.6	29.6	8.0	33.2
Vietnam	17.1	22.0	0.8	25.0	0.7	28.0

NP : 'Newplanted area' refers to the cultivation of rubber in virgin lands or lands previously occupied by other crops or land uses.

RP : 'Replanted area' refers to the cultivation of rubber after uprooting the rubber trees occupied in the same land.

Source : Natural Rubber Trends Statistics Annexures, August 2018 of Association of Natural Rubber Producing Countries (ANRPC), Malaysia.

TABLE - 39

TOTAL RUBBER AREA AND TAPPED AREA IN ANRPC MEMBER COUNTRIES
(’000 Hectares)

COUNTRY	2015		2016		2017p	
	Total Area	Tapped Area	Total Area	Tapped Area	Total Area	Tapped Area
Cambodia	388.9	111.2	432.7	127.0	436.3	170.2
China	1160.0	711.0	1177.8	720.0	1176.0	744.0
India	810.8	391.0	818.0	445.0	820.9	475.9
Indonesia	3621.1	3036.0	3639.0	3042.0	3659.0	3054.0
Malaysia	1074.4	512.0	1078.0	481.1	1081.9	521.0
Philippines	222.6	116.9	223.3	142.7	226.3	153.0
Sri Lanka	136.4	83.4	136.1	87.1	136.6	102.7
Thailand	3769.7	2994.7	3734.4	3117.6	3658.2	3075.5
Vietnam	985.6	604.3	973.5	621.4	969.7	653.2

Source: Natural Rubber Trends Statistics Annexures, August 2018 of Association of Natural Rubber Producing Countries (ANRPC), Malaysia.

TABLE - 40

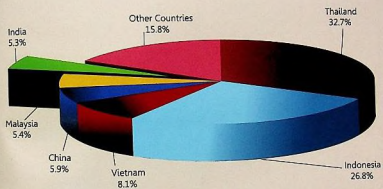
PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES
(’000 Tonnes)

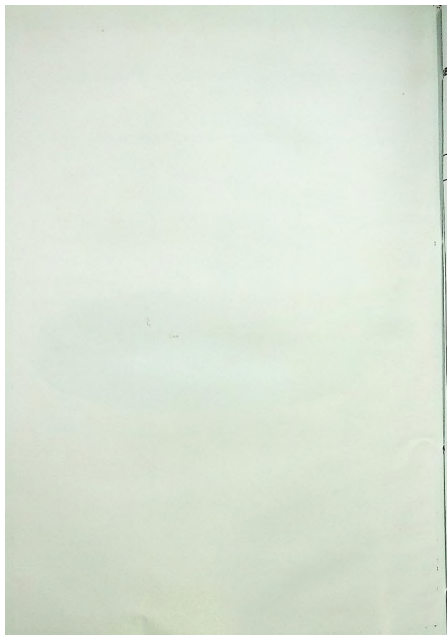
Country	2015	2016	2017p	% share
Thailand	4473	4347	4429	32.7
Indonesia	3145	3358	3629	26.8
Vietnam	1013	1035	1095	8.1
China	794	774	798	5.9
Malaysia	722	674	740	5.4
India	575	624	713	5.3
Côte d’Ivoire	351	468	604	4.4
Myanmar	212	230	249	1.8
Brazil	193	190	202	1.5
Cambodia	127	145	193	1.4
Philippines	100	91	102	0.7
Guatemala	91	87	100	0.7
Sri Lanka	89	79	83	0.6
Laos	66	71	78	0.6
Liberia	59	61	63	0.5
Nigeria	51	52	53	0.4
Others*	203	318	428	3.2
World	12264	12604	13559	100

*: Countries not reported separately

Source : Natural Rubber Trends Statistics Annexures, August 2018 of Association of Natural Rubber Producing Countries (ANRPC), Malaysia & Rubber Statistical Bulletin-July-September 2018 of International Rubber Study Group, Singapore.

Chart 8
SHARE OF INDIA IN WORLD PRODUCTION OF NR - 2017





AVERAGE ANNUAL YIELD IN ANRPC MEMBER COUNTRIES
(kg/hectare of Tapped area)

COUNTRY	2015	2016	2017p
Cambodia	1140	1143	1136
China	1117	1075	1118
India	1471	1402	1498
Indonesia	1036	1104	1188
Malaysia	1410	1400	1420
Philippines	851	694	700
Sri Lanka	1063	908	809
Thailand	1493	1394	1440
Vietnam	1676	1666	1676

Source: Natural Rubber Trends Statistics Annexures, August 2018 of Association of Natural Rubber Producing Countries (ANRPC), Malaysia.



TABLE - 41**AVERAGE ANNUAL YIELD IN ANRPC MEMBER COUNTRIES**
(kg/hectare of Tapped area)

COUNTRY	2015	2016	2017p
Cambodia	1140	1143	1136
China	1117	1075	1118
India	1471	1402	1498
Indonesia	1036	1104	1188
Malaysia	1410	1400	1420
Philippines	851	694	700
Sri Lanka	1063	908	809
Thailand	1493	1394	1440
Vietnam	1676	1666	1676

Source: Natural Rubber Trends Statistics Annexures, August 2018 of Association of Natural Rubber Producing Countries (ANRPC), Malaysia.

TABLE - 42

CONSUMPTION OF NR IN MAIN CONSUMING COUNTRIES
(‘000 Tonnes)

Country	2015	2016	2017p	% share
China	4680	4982	5301	40.1
India	993	1033	1082	8.2
U.S.A.	937	932	962	7.3
Thailand	601	650	685	5.2
Japan	691	676	679	5.1
Indonesia	509	583	608	4.6
Malaysia	475	486	489	3.7
Brazil	398	412	413	3.1
South Korea	388	381	384	2.9
Germany	219	226	239	1.8
Vietnam	172	194	216	1.6
Spain	168	163	184	1.4
Turkey	156	157	176	1.3
Italy	119	128	131	1.0
France	130	128	129	1.0
Sri Lanka	127	142	128	1.0
Canada	129	119	126	0.9
Taiwan	103	101	110	0.8
Poland	97	95	104	0.8
Mexico	98	101	103	0.8
Philippines	59	59	34	0.3
Others*	885	922	939	7.1
World	12134	12670	13222	100

*: Countries not reported separately.

Source : Rubber Statistical Bulletin, Vol. 73, No. 1-3, July-September 2018 of International Rubber Study Group, Singapore.

Chart 9
SHARE OF INDIA IN WORLD CONSUMPTION OF NR - 2017

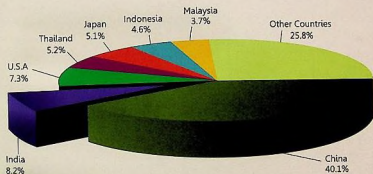




TABLE - 43

COUNTRY-WISE IMPORT OF NATURAL RUBBER
(‘000 Tonnes)

Country	2015	2016	2017p
China	3851	4131	5277
Malaysia	955	931	1096
U.S.A.	952	946	973
Japan	682	660	699
Vietnam	300	418	526
India	450	460	399
South Korea	388	383	387
Germany	365	328	303
Brazil	208	223	213
Spain	174	167	189
Turkey	156	158	176
Belgium & Luxembourg	184	195	173
France	164	163	170
Italy	128	130	136
Canada	133	121	127
Russian Federation	89	106	118
Taiwan	104	103	113
Poland	101	99	109
Mexico	86	89	87
Netherlands	41	71	85
Slovakia	68	78	80
Czech Republic	72	78	78
Singapore	74	62	58
Others*	615	656	665
World	10340	10756	12237

*: Countries not reported separately

Source : Rubber Statistical Bulletin, Vol. 73, No. 1-3, July-September 2018 of
International Rubber Study Group, Singapore.

TABLE - 44

COUNTRY-WISE EXPORT OF NATURAL RUBBER
('000 Tonnes)

Country	2015	2016	2017p
Thailand	3777	3925	4433
Indonesia	2680	2642	3250
Vietnam	1137	1254	1380
Malaysia	1119	1023	1189
Côte d'Ivoire	348	459	591
Cambodia	128	145	189
Philippines	80	69	133
Myanmar	86	110	123
Guatemala	86	81	95
Laos	66	71	78
Liberia	59	61	63
Cameroon	52	50	53
Nigeria	38	39	40
India	1	4	22
Sri Lanka	10	16	16
Others*	539	514	499
World	10206	10463	12154

*: Countries not reported separately.

Source : Rubber Statistical Bulletin, Vol. 73, No. 1-3, July-September 2018 of
International Rubber Study Group, Singapore.

TABLE - 45

PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES
(*'000 Tonnes)

Country	2015	2016	2017p
China	2851	2982	3022
U.S.A.	2392	2368	2319
Japan	1668	1566	1621
South Korea	1502	1546	1581
Russian Federation	1390	1517	1543
Germany	868	881	864
Taiwan	727	707	740
France	511	494	531
Brazil	421	378	375
India	194	216	293
Thailand	251	228	256
Italy	206	221	210
Poland	168	179	182
Mexico	161	153	160
Czech Republic	154	160	159
U.K.	107	129	146
Malaysia	101	122	140
Canada	79	104	116
Belgium	126	151	103
Netherlands	141	156	99
Spain	95	103	73
South Africa	59	68	49
Iran	65	46	47
Indonesia	44	50	47
Others*	226	320	377
World	14507	14845	15053

*: Countries not reported separately.

Source : Rubber Statistical Bulletin, Vol. 73, No. 1-3, July-September 2018 of
International Rubber Study Group, Singapore.

TABLE - 46

CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES
(‘000 Tonnes)

Country	2015	2016	2017p
China	4217	4303	4338
U.S.A	1969	1912	1874
Japan	896	866	881
Germany	606	587	624
India	549	589	616
Russian Federation	520	607	604
Thailand	472	502	574
Brazil	525	538	542
Malaysia	423	422	490
Taiwan	384	348	394
Indonesia	310	343	360
Vietnam	254	243	289
Turkey	267	266	278
Mexico	223	231	254
Poland	234	239	251
France	252	244	224
South Korea	243	270	209
Spain	207	201	204
Italy	178	183	188
Canada	180	184	179
U.K.	155	163	163
Others*	1599	1593	1642
World	14663	14834	15178

*: Countries not reported separately.

Source : Rubber Statistical Bulletin, Vol. 73, No. 1-3, July-September 2018 of International Rubber Study Group, Singapore.

TABLE - 47

ESTIMATED PER CAPITA CONSUMPTION OF NR & SR

Country	NR+SR Consumption ('000 Tonnes)		Per capita Consumption (Kilogram)	
	2016	2017p	2016	2017p
China	9285	9639	6.62	6.84
U.S.A.	2844	2836	8.83	8.74
India	1622	1698	1.22	1.27
Japan	1542	1560	12.07	12.23
Thailand	1152	1259	16.72	18.24
Malaysia	909	978	29.13	30.93
Indonesia	926	967	3.55	3.66
Brazil	949	955	4.57	4.56
Germany	813	863	9.92	10.51
Russian Federation	713	721	4.85	4.91
South Korea	651	593	12.82	11.64
Vietnam	437	505	4.62	5.28
Turkey	423	454	5.32	5.63
Spain	364	387	7.84	8.35
Mexico	332	357	2.60	2.76
Poland	335	354	8.75	9.28
France	371	353	5.73	5.43
Italy	312	319	5.25	5.38
Canada	302	305	8.33	8.32
U.K.	197	192	2.99	2.90
Sri Lanka	198	179	9.51	8.57
World	27503	28404	3.68	3.76

Source : Rubber Statistical Bulletin, Vol. 73, No. 1-3, July-September 2018 of International Rubber Study Group, Singapore and United Nations Department of Economic & Social Affairs.