

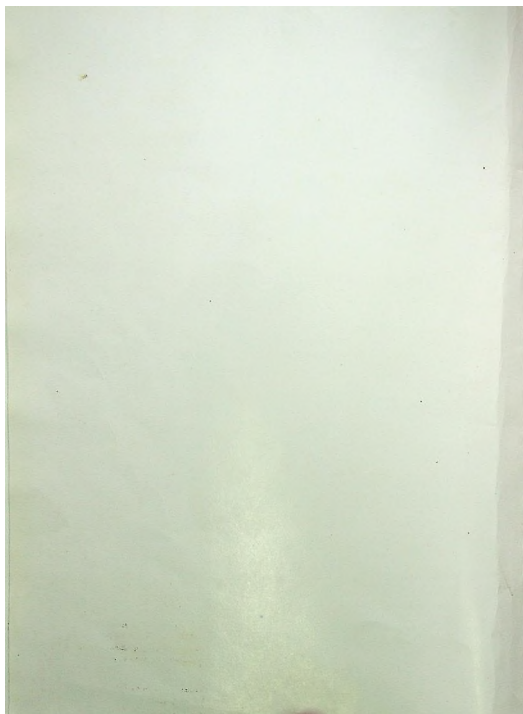


भारतीय  
रबड़ सांख्यिकी  
भाग 33, 2010

Indian  
Rubber  
Statistics

Vol. 33, 2010







**भारतीय रबड़ सांख्यिकी**  
भाग 33, 2010

**Indian Rubber Statistics**  
Volume 33, 2010

सांख्यिकी एवं योजना विभाग  
द्वारा संकलित

Compiled by:  
The Statistics & Planning Department

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## ABOUT THE RUBBER BOARD

The Rubber Board was constituted by the Government of India as a body corporate under the Rubber Act 1947 with the primary objective of overall development of rubber industry in the country.

The functions of the Board as defined under the Act are: (1) It shall be the duty of the Board to promote by such measures as it thinks fit the development of the rubber industry; (2) Without prejudice to the generality of the foregoing provision, the measures referred to therein may provide for:- (a) undertaking, assisting or encouraging scientific, technological and economic research; (b) training students in improved methods of planting, cultivation, manuring and spraying; (c) the supply of technical advice to rubber growers; (d) improving the marketing of rubber; (e) the collection of statistics from owners of estates, dealers and manufacturers; (f) securing better working conditions and the provisions and improvement of amenities and incentives for workers; (g) carrying out any other duties which may be vested in the Board under the rules made under this Act.

It shall also be the duty of the Board – (a) to advise the Central Government on all matters relating to the development of the rubber industry, including the import and export of rubber; (b) to advise the Central Government with regard to participation in any international conference or scheme relating to rubber; (c) to submit to the Central Government and such other authorities as may be prescribed half yearly reports on its activities and the working of this Act; (d) to prepare and furnish such other reports relating to the rubber industry as may be required by the Central Government from time to time.





## PREFACE

"*Indian Rubber Statistics*" is a comprehensive database on rubber statistics in India, well appreciated by the stakeholders in the rubber sector. This volume is the 33<sup>rd</sup> in the series compiled by the Statistics & Planning Department of the Board. Board's own records and data collected from various secondary sources form the basis for the statistics published in this annual publication.

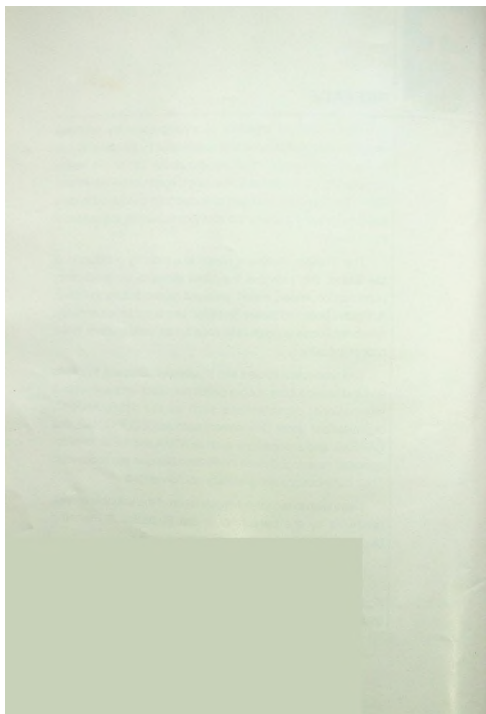
The "*Rubber Statistical News*" is a monthly publication of the Board, that provides the latest statistics on production, consumption, import, export, price and related factors on rubber. A "*Pocket Book on Rubber Statistics*" also is published annually, which facilitates a quick reference for all stakeholders in the rubber industry.

The producers, traders and processors of natural, synthetic and reclaimed rubber, rubber goods manufacturers and various international organisations such as the IRSG, ANRPC, organisations under Government such as CSO, DGC&S, and CAPEXIL and associations such as ATMA and AIRIA have co-operated meaningfully with the Rubber Board in this endeavour. Their contributions are gratefully acknowledged.

I also wish to record my appreciation of the valuable service rendered by the personnel in the Statistics & Planning Department in making this publication a reality.

Kottayam  
6<sup>th</sup> September 2010.

  
Sajen Peter, IAS  
CHAIRMAN



## IN RETROSPECT

### Introduction

A salient feature of the rubber plantation industry in the country is the dominance enjoyed by the small holding sector. Currently 90% of the area and 93% of the production of rubber is contributed by the small holding sector which is composed of 1.16 million units. The average size of the rubber holding in the country is around 0.53 hectare. The production performance of the Indian rubber plantation industry during the year 2009-10 was not so impressive.

According to "The Rubber (Amendment) Act 2009" dated 22<sup>nd</sup> January 2010, the rubber growers possessing an area of 10 hectares and above are classified as large rubber growers instead of 50 acres prior to the amendment.

### Area, production and productivity of Natural Rubber (NR)

Rubber is successfully grown in the states of Kerala, Tamilnadu, Karnataka, Tripura, Assam, Meghalaya etc. However, Kerala enjoys a monopoly position by sharing 76% of the area occupied by the crop in the country. The area under rubber in the north-eastern region increased substantially with a share of 15% during the year 2009-10.

The area under rubber cultivation in India increased from 661,980 ha in 2008-09 to 687,000 ha (provisional) in 2009-10 registering a growth rate of 3.8%. Continuation of subsidy schemes for new planting as well as replanting, efficiency in grass root level extension work, release of new high yielding 400 series clones and favourable market for NR supported the process of area expansion.

India continued to be the 4<sup>th</sup> largest producer of NR in the world during the year 2009 also after Thailand, Indonesia and Malaysia with a share of 8.5% of the world output.

The production of NR in the country, which was 864,500 tonnes in 2008-09, decreased to 831,400 tonnes with a negative growth of 3.8%. The decrease in production was mainly due to adverse weather conditions. The productivity of NR in

the country was 1867 kg/ha in 2008-09 which declined to 1784 kg/ha in 2009-10. The average productivity realized in India is the highest among the major NR producing countries, though India has not attained saturation level in productivity, our national average productivity is high even in the midst of unfavourable weather conditions. The estimated production during 2010-11 is 893,000 tonnes at an anticipated growth of 7.4%.

### **Consumption of NR**

India is the 2<sup>nd</sup> largest consumer of NR in 2009 after China, mainly due to a notable decline in NR consumption in the US to the extent of 34% on account of economic recession.

Unlike NR production, which is characterized by a high degree of regional concentration, the consumption of NR takes place in a rather disbursed manner throughout the country. The total consumption of NR in 2009-10 was 930,565 tonnes with a growth of 6.8% as against 871,720 tonnes during 2008-09. The consumption of NR, which had been adversely affected by economic recession, began to recover from February 2009. Consumption of NR in the automotive tyre sector recorded a growth of 13.4% in 2009-10 as compared to 2.5% in 2008-09. However, consumption of NR in the non-tyre sector in 2009-10 decreased by 2.5% as against a marginal decline of 0.6%. According to Automotive Tyre Manufacturers Association (ATMA), production of truck & bus tyres and passenger car tyres recorded 15% and 21% growth respectively in 2009-10, however, export of tyres have not picked up notably. Dumping of tyres in the Indian market continues to be major concern for the rubber sector. Anti-dumping duty on import of radial truck & bus tyres from China and Thailand was imposed on 2010.

The tyre & tube sector of automobiles including retreads and cycle tyres together account for about 72% of consumption of NR during 2008-09. Auto tyres & tubes alone share as much as 55% of the total consumption. Consumption of NR during the year 2010-11 is estimated at 978,000 tonnes with a growth of 5%.

### **Production and Consumption of Synthetic Rubber (SR)**

Production of SR increased to 106,743 tonnes during 2009-10 from 96,739 tonnes during 2008-09, registering a growth of 10.3% as against a negative growth of 9.0%

during 2008-09. The share of poly-butadiene rubber reduced to 68% during 2009-10 compared to 74% of the previous year.

SR consumption increased to 347,710 tonnes during 2009-10 registering a growth of 18.7% as against a negative growth of 1.4% attained last year. The automotive tyre sector consumed 238,153 tonnes of SR during 2009-10 as against 185,094 tonnes during 2008-09, recording a growth of 28.7%. The relative share of consumption of NR and SR in India changed to 73:27 during 2009-10 from 75:25 during 2008-09, as a result of decrease in SR price.

Details of Consumption of NR and SR during 2009-10 & 2008-09 are summarized in Table 1.

Table 1		CONSUMPTION OF NR AND SR	
	2009-10	2008-09	Growth (%)
	(Tonnes)		
Natural Rubber			
Auto Tyres & Tubes	576210	508121	13.4
General Rubber Goods	354355	363599	-2.5
Total NR	930565	871720	6.8
Synthetic Rubber			
Auto Tyres & Tubes	238153	185094	28.7
General Rubber Goods	109557	107856	1.6
Total SR	347710	292950	18.7
NR & SR			
Auto Tyres & Tubes	814363	693215	17.5
General Rubber Goods	463912	471455	-1.6
Total NR & SR	1278275	1164670	9.8

Import of SR by the rubber goods manufacturing industry during 2009-10 increased to 250,210 tonnes compared to 190,630 tonnes during 2008-09.

#### **Import and Export of Natural Rubber**

As per figures collected from the Directorate General of Commercial Intelligence and Statistics, Kolkata, total import of NR during 2009-10 was 176,756 tonnes as against 77,762 tonnes in 2008-09. Major portion of the import took place in the first



half of the current financial year. From October onwards, as a result of increase in the international price the import softened. The value of NR imported during the year 2009-10 was Rs.1602.11 crore (US\$ 337.3 million) as against Rs.937.20 crore (US\$ 203.9 million) in 2008-09. Almost 79% of the import was through Duty Entitlement Exemption Certificate (DEEC) scheme. It is noticed that 15% of the import was through open channel during the year 2009-10 as against 1% during 2008-09. The basic customs duty of dry NR forms remained unchanged at 20% and for latex at 70% since 2004.

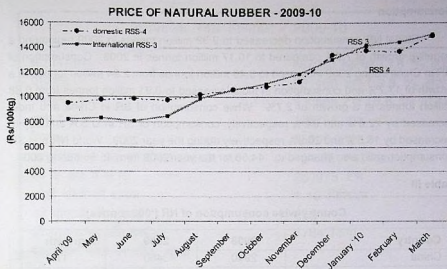
The country exported 25,090 tonnes of NR during the year 2009-10 compared to 46,926 tonnes in 2008-09. The decrease in export was mainly due to the decrease in the international price for the first half of 2009-10. The foreign exchange earnings from export of NR during the year 2009-10 was Rs.250.60 crore (US\$ 52.76 million) as against Rs.450.20 crore (US\$ 97.95 million) during 2008-09.

Stock of NR in the country was 253,975 tonnes at the end of 2009-10 as against 196,230 tonnes at the end of 2008-09, out of which the share of manufacturing sector was 27% compared to 19% during the end of 2008-09.

#### **Price of Natural Rubber**

Annual average price for domestic RSS-4 grade rubber for the year 2009-10 was Rs11,498/100kg (US\$ 242.06 per quintal) compared to Rs.10,112/100kg (US\$ 220.00 per quintal) in 2008-09. The corresponding international RSS-3 price was Rs.11,113/100kg (US\$ 233.96 per quintal) and Rs.10,379/100kg (US\$ 225.81 per quintal) respectively.

The domestic RSS-4 price was ruling above the international RSS-3 grade during the first half of the year 2009-10. But the trend reversed and since then, except for December'09 international price of RSS-3 grade was higher than domestic RSS-4 grade. The increase in domestic rubber prices is attributed to various factors such as increase in growth of the tyre sector which consumes about 69% of the total NR production in the country, shortage in NR production, increase in international NR prices etc.



#### World Rubber Situation – 2009

##### Production

According to the International Rubber Study Group (IRSG), the world NR production decreased to 9.62 million tonnes in 2009, compared to 10.04 million tonnes in 2008, registering a negative growth of 4.2% mainly due to the effect of global warming. While production in Thailand, Vietnam and China increased, the output in Indonesia, Malaysia and India declined. Global synthetic rubber (SR) production during 2009 was 12.09 million tonnes as against 12.74 million tonnes produced in 2008 registering a negative growth of 5.1 %

**Table II**

**Country-wise production of NR ('000 tonnes)**

Country	2008	2009	% growth
Thailand	3090	3164	2.4
Indonesia	2751	2440	-11.3
Malaysia	1072	856	-20.1
India	881	820	-6.9
Vietnam	660	724	9.7
China	560	637	13.8
Others	1022	976	-4.5
<b>World Total</b>	<b>10036</b>	<b>9617</b>	<b>-4.2</b>

### Consumption

Global NR consumption decreased to 9.39 million tonnes in 2009 registering a negative growth of 7.7% compared to 10.17 million tonnes in 2008. Consumption of NR in China during 2009 increased to 3.46 million tonnes from 2.94 million tonnes at a growth of 17.7% and consumption in India increased to 0.91 million tonnes from 0.88 million tonnes at a growth of 2.7%. While consumption of SR in China and India increased by 22.6% and 9.2% respectively, consumption of SR in U.S.A and Japan decreased by 16.5% and 26.9% respectively during the year 2009. World NR and SR consumption ratio also changed to 44:56 for the year 2009 from 45:55 during 2008.

**Table III**


#### Country-wise consumption of NR ('000 tonnes)

Country	2008	2009	% growth
China	2940	3460	17.7
India	881	905	2.7
U.S.A.	1041	687	-34.0
Japan	878	636	-27.6
Malaysia	469	470	0.2
Indonesia	414	422	1.9
Thailand	398	399	0.3
Rep.of Korea	358	330	-7.8
Others	2794	2081	-25.5
<b>World Total</b>	<b>10173</b>	<b>9390</b>	<b>-7.7</b>

According to IRSG, the world NR production exceeded consumption by 227 thousand tonnes in 2009.

Source: Rubber Industry Report, IRSG (April - June 2010)

Kottayam  
6<sup>th</sup> September 2010



G Mohanachandran  
Joint Director  
Statistics & Planning Dept

**स्वाभाविक रबड़ निष्पादन - 2009-10**

क्षेत्र विस्तार	687000 हेक्टेयर (3.8 % वृद्धि)
उत्पादन	831400 टण (-3.8 % वृद्धि)
उपभोग	930565 टण (6.8 % वृद्धि)
आयात	176756 टण
निर्यात	25090 टण
आरएसएस 4 ग्रेड का औसतन बाजार भाव	114.98 रु./किग्रा
वर्ष के अंत में स्टॉक	253975 टण
छोटी जोतों की संख्या	1.16 मिलियन
बड़े बागानों की संख्या	265
औसतन उपज प्रति हेक्टेयर	1784 किग्रा
स्वाभाविक रबड़ पर सीमा शुल्क	
ठोस रूप में	20%
लैटेक्स	70%
आयातित स्वाभाविक रबड़ का मूल्य	1602.11 करोड़ रु.
निर्यातित स्वाभाविक रबड़ का मूल्य	250.60 करोड़ रु.
आयातित रबड़ उत्पादों का मूल्य	3307.69 करोड़ रु. (2008-09)
निर्यातित रबड़ उत्पादों का मूल्य	6993.38 करोड़ रु.
कृषकों को स्वाभाविक रबड़ से आय	9559 करोड़ रु.
स्वाभाविक रबड़ पर उपकर	100.18 करोड़ रु.
अनुज्ञापत्रित व्यापारियों की संख्या	9741
अनुज्ञापत्रित विनिर्माताओं की संख्या	4528
टायर और टायर इतर उपभोग का अनुपात	62:38
स्वाभाविक रबड़ और कृत्रिम रबड़ में उपभोग का अनुपात	73:27
इलास्टमर का प्रति व्यक्ति उपभोग	1.05 किग्रा
टायर उद्योग की कुल बिक्री	25000 करोड़ रु.
टायर उत्पादन	97.14 मिलियन नं.
टायर निर्यात का मूल्य	3000 करोड़ रु.
टायर पर सीमा शुल्क	10%
विश्व उत्पादन	9.62 मिलियन टण
विश्व उपभोग	9.39 मिलियन टण
विश्व स्वाभाविक एवं कृत्रिम रबड़ उपभोग अनुपात	44:56
आरएसएस 3 का अंतर्राष्ट्रीय भाव	111.13 रु./किग्रा



## PERFORMANCE OF NATURAL RUBBER - 2009-10

Area	687000 Hectares ( 3.8% Growth)
Production	831400 Tonnes (-3.8% Growth)
Consumption	930565 Tonnes (6.8% Growth)
Import	176756 Tonnes
Export	25090 Tonnes
Average Market Price for RSS-4 grade	Rs.114.98/ kg
Stock at the end of the year	253975 Tonnes
Number of small holdings	1.16 Million
Number of large estates	265
Average yield per hectare	1784 kg.
Customs duty on natural rubber	
Solid form	20%
Latex	70%
Value of Natural rubber imported	Rs.1602.11 Crore
Value of Natural rubber exported	Rs.250.60 Crore
Value of rubber products imported	Rs.3307.69 Crore (2008-09)
Value of rubber products exported	Rs.6993.38 Crore
Income from NR to the growers	Rs.9559 Crore
Cess on Natural Rubber	Rs.100.18 Crore
Number of licensed dealers	9741
Number of licensed manufacturers	4528
Tyre and Non-tyre consumption ratio	62:38
NR and SR consumption ratio	73:27
Per capita consumption of elastomer	1.05 kg
Tyre industry turnover	Rs.25000 Crore
Tyre production	97.14 Million Numbers
Value of tyre exports	Rs.3000 Crore
Customs duty on tyres	10%
World production	9.62 Million Tonnes
World consumption	9.39 Million Tonnes
World NR & SR consumption ratio	44: 56
International price of RSS-3 grade	Rs.111.13/kg

## CONNOTATIONS

Holding	Unless the contrary is stated, the word means a rubber area contiguous or non-contiguous aggregating 10 ha or less under a single ownership.
Estate	Land contiguous or non-contiguous aggregating more than 10 ha planted with rubber under a single ownership is treated as "Estate". However, estates/holdings situated in different taluks even if they are under a single ownership are considered separately. In this context, the word owner includes any agent of an owner and a mortgage in possession and a lessee of the area.
Newplanted area	Land planted with rubber for the first time.
Replanted area	Land planted with rubber by removing the rubber trees planted earlier.
Tapped area	Area, which is being tapped.
Yield per hectare	Average yield per ha of tapped area.
Manufacturer	A manufacturer of rubber goods who has taken out a licence from the Board for acquiring natural rubber.
Dealer	One who has taken out a licence from the Board for dealing in natural rubber, holding natural rubber stock. Under the Rubber Act all dealers and all consumers (manufacturers of rubber goods) of natural rubber should take out licence from the Rubber Board.
Natural Rubber	Includes the Dry Rubber Content (drc) of all grades and qualities of natural rubber. Quantity under latex also refers to weight of drc.
Synthetic Rubber	Includes oil content of oil extended rubber and total solid contents of lattices.
Reclaimed Rubber	Comprises of both natural and synthetic reclaimed rubber.

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P Provisional



## CONTENTS

Table	Subject	Page
<b>I</b>	<b>Area under Rubber and Average Yield per hectare</b>	
1	Area Newplanted and Replanted with Rubber	1
2	State-wise Area under Rubber at the end of each year	2
3	District/State-wise Area of Rubber under holdings and estates	3
4	Classification of Holdings and Estates according to size	5
5	Tapped area, Production and Average Yield per hectare in different States	7
<b>II</b>	<b>Production, Import, Export, Consumption and Stock of Rubber</b>	
	<b>a) Natural Rubber</b>	
6	Month-wise Production of Natural Rubber	8
7	Type-wise Production of Natural Rubber	9
8	Production of Holdings and Estates	10
9	District-wise Production of Natural Rubber	11
10	Month-wise Import of Natural Rubber	12
11	Type-wise Import of Natural Rubber	13
12	Type-wise Export of Natural Rubber	13
13	Country-wise Export of Natural Rubber	14
14	Month-wise Export of Natural Rubber	15
15	Month-wise Consumption of Natural Rubber	16
16	Type-wise Consumption of Natural Rubber	17
17	Stock of Natural Rubber	18
	<b>b) Synthetic Rubber</b>	
18	Month-wise Production of Synthetic Rubber	19
19	Type-wise Production of Synthetic Rubber	20
20	Type-wise Consumption of Synthetic Rubber	21
21	Stock of Synthetic Rubber	22
	<b>c) Reclaimed Rubber</b>	
22	Production, Consumption & Export of Reclaimed Rubber	23



**d) Natural, Synthetic & Reclaimed Rubber**

23	Production, Import, Export & Consumption of NR and SR	24
24	Total Stock of Natural and Synthetic Rubber	25
25	Production, Import, Export, Consumption and Stock of NR	26
26	Production, Import, Consumption and Stock of SR	27
27	State-wise Consumption of All Kinds of Rubber	28
28	Value of NR imported from various countries	30
29	Value of SR and RR imported from various countries	31

**III Price of Rubber**

30	Price of Different Grades of Natural Rubber	32
30(a)	Comparison of domestic & international price(in Rs.)	33
30(b)	Comparison of domestic & international price(in US\$)	34
31	Price of indigenous Synthetic Rubber	35

**IV Manufacturers, Rubber Products, Exports, Dealers, etc.**

32	Distribution of Manufacturers according to their Total Consumption	36
33	Number of Manufacturers in Different States	38
34	Production of Tyres	39
35	Production of Tubes	40
36	Automobile Production and Export	41
37	Consumption of Rubber according to End Products	42
38	Value of Rubber Products exported	44
39	Quantity and Value of Rubber Products imported	45
40	State-wise Distribution of Dealers	47
41	District-wise Distribution of Dealers in Kerala State	48
42	Average Daily Employment in Rubber Plantations	49
43	Collection of Excise Duty and Receipts of the Rubber Board	50
44	Scheme-wise Expenditure of the Rubber Board	51
45	Progress in Distribution of Planting Materials	52
46	Rubber Marketed by the Co-operative Societies	53
47	Index Numbers of Agricultural Production	54
48	Index Numbers of Productivity	55
49	Gross Domestic Product & Consumer Price Index	56
50	Index Numbers of Wholesale Prices of Selected Commodities	57

### **World Rubber Statistics**

51	Area under Rubber in Main Producing Countries	58
52	Production of Natural Rubber in Main Producing Countries	59
53	Consumption of Natural Rubber in Main Consuming Countries	60
54	Country-wise import of Natural Rubber	61
55	Country-wise export of Natural Rubber	62
56	Production of Synthetic Rubber in Main Producing Countries	63
57	Consumption of Synthetic Rubber in Main Consuming Countries	64
58	Production, Consumption & Stock of Natural and Synthetic Rubber	65
59	Per Capita Consumption of Natural and Synthetic Rubber	66
60	International Price of Different Grades of Natural Rubber	67

### **CHARTS AND DIAGRAMS**

1	Area under Holdings and Estates
2	Average Yield per hectare
3	Type-wise Production of NR - 2009-10
4	Production of Holdings and Estates
5	Import of Natural Rubber
6	Export of Natural Rubber
7	Type-wise Consumption of NR - 2009-10
8	Production and Consumption of NR
9	Price of Indigenous RSS 4 grade Rubber
10	Number of Rubber Goods Manufacturers
11	Total Consumption of Rubber according to End Products - 2008-09
12	Consumption of NR according to End Products - 2008-09
13	Value of Rubber Products exported
14	Movement of Production Indices
15	Share of India in World Production of NR - 2009
16	Share of India in World Consumption of NR - 2009
17	World Consumption of NR and SR
18	Price of Natural Rubber in Indian and International markets

1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
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92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

TABLE - 11

## TYPE-WISE IMPORT OF NATURAL RUBBER

(Tonnes)

Type	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
RSS grades	11143	3088	27403	11755	11758	20919	6992	33111	26349	27220	73392
Solid Block Rubber	6012	2647	19516	12751	30539	50720	37433	55075	58595	49130	98574
Latex Concentrates (drc)	2849	3075	2515	1243	1757	979	783	1401	855	1412	4439
Pale Latex Crepe	209	160	297	378	100	152	77	76	129	—	51
Others	—	—	38	90	13	45	65	—	136	466	300
Total	20213	8970	49769	26217	44199	72835	45285	89799	86394	77762	176756

TABLE - 12

## TYPE-WISE EXPORT OF NATURAL RUBBER

(Tonnes)

Type	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
RSS grades	5282	12805	6199	43688	38951	24028	35187	31786	28675	14209	2827
Solid Block Rubber	657	684	714	4637	19807	11558	13396	8454	8240	9283	7999
Latex Concentrates (drc)	49	65	82	6927	17125	10496	24153	16056	22639	20836	13106
Others	—	—	—	59	22	68	1084	249	799	2598	1158
Total	5988	13354	6995	55311	75905	46150	73830	56545	60353	46926	25090

TABLE-13

# COUNTRY-WISE EXPORT OF NATURAL RUBBER

(Quantity in Tonnes and Value in '000 Rs.)

COUNTRY	2004-05		2005-06		2006-07		2007-08		2008-09		2009-10p	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
China	16485	828886	26521	1691729	16582	1654157	20222	1807846	5518	608156	1747	182549
Sri Lanka	10246	515956	7556	496359	4760	418513	2789	227446	1982	226020	1182	140372
Malaysia	4388	224289	6363	481289	10412	1097676	12082	1117024	13510	1588812	6925	715632
Germany	2779	103511	5680	258628	2658	179704	2480	157526	1296	96202	1276	116776
Belgium	212	7844	2501	194920	2324	148944	2873	182442	2046	150472	876	72091
Turkey	1858	85344	2355	127893	1751	103398	1178	85213	902	89687	502	38790
U.K.	331	12338	2098	121510	1238	79527	1177	71048	749	59248	183	13774
U.S.A.	...	...	1954	97795	1567	125413	4888	307633	8289	579655	3076	306340
Spain	2153	82615	1634	91101	1204	95540	1052	65774	1106	81263	384	35045
Korea	301	16336	1360	83006	608	68451	776	77131	1101	114652	75	4835
Nepal	1585	83481	1201	91819	656	67489	685	60570	983	104909	309	25211
Others	5812	292800	14607	846863	12775	1100565	10141	783426	9444	802969	8555	854797
Total	46150	2253400	73830	4582912	56545	5137377	60353	4943079	46926	4502045	25090	2506012

Others include Indonesia, U.A.E, Egypt, Netherlands, Singapore, Iran, Ukraine, Italy, Poland, Brazil, Bulgaria, Vietnam etc.

TABLE - 14

# MONTH-WISE EXPORT OF NATURAL RUBBER (Tonnes)

MONTH	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
April	3928	1180	1278	301	5989	2164	3690	726
May	2697	1244	2023	476	6722	4141	3159	124
June	2917	1898	1714	732	9901	4105	9451	46
July	3738	3046	897	3590	8497	4408	9299	30
August	1200	5461	972	6311	10226	1416	3047	91
September	6159	7197	6451	10028	6386	1166	2314	574
October	6814	8232	10534	11372	1981	811	3040	2274
November	5872	10814	9879	12440	973	1246	4101	4165
December	4740	6346	7317	9613	941	5126	3131	2563
January	4264	6337	992	4670	656	8053	1475	2906
February	4676	10410	1735	5850	721	14643	2257	5556
March	8306	13740	2358	8447	3552	13076	1962	6035
Total	55311	75905	46150	73830	56545	60353	46926	25090

TABLE-15

## MONTH-WISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2008-10p
April	45180	49705	51040	52875	54510	54130	59020	62560	63850	65350	70025	73470
May	46020	51290	51675	54505	56505	58095	60695	64950	65005	65895	71215	71250
June	48250	50315	53225	55010	56740	60275	62840	64745	65585	69495	74060	74220
July	47710	52115	53950	52855	58920	61450	64265	68490	68645	72070	77540	78810
August	47550	49775	52415	50820	57835	61205	64210	70240	71315	75105	75850	79750
September	49910	53460	51565	51010	57380	60310	64525	66135	69580	74590	75860	78765
October	48590	50315	51060	51335	57750	58325	62455	66725	69305	74430	75825	77950
November	52400	53670	55450	53150	58470	61405	61115	66550	70490	72525	73290	80500
December	53900	56505	56245	54425	59455	63205	65150	67545	68225	73110	68290	80250
January	51155	54310	52440	54950	60210	61175	63515	67945	69300	71010	64045	80500
February	48535	53195	50475	53045	59525	59825	63505	66670	68715	73870	71520	76350
March	52335	53455	51935	54430	58125	60200	64310	68555	70290	74005	74200	78650
Fin. Year Total	591545	628110	631475	638210	695425	719600	755405	801110	820305	861455	871720	930565
Growth(%)	3.45	6.18	0.54	1.07	8.96	3.48	4.98	6.05	2.40	5.02	1.19	6.75
Cal. year Total	580355	619175	637585	630635	679990	716260	745275	789270	815170	850875	880840	904830
Growth(%)	1.53	6.69	2.97	-1.09	7.83	5.33	4.05	5.90	3.28	4.38	3.52	2.72

TABLE - 4

**CLASSIFICATION OF HOLDINGS AND ESTATES ACCORDING TO SIZE AT THE END OF EACH YEAR**  
(Area in hectares)

Year	HOLDINGS							
	2 ha. & below		Above 2 ha. & upto & including 4 ha.		Above 4 ha. & upto & including 20 ha.		Total	
	Units	Area	Units	Area	Units	Area		
1990-91	763022	332401	13100	33149	4465	31915	780587 397465	
1991-92	797429	342010	13556	35569	4562	33044	815547 410623	
1992-93	824298	351571	13627	36450	4575	33138	842500 421159	
1993-94	845402	359451	13714	37205	4584	33437	863700 430093	
1994-95	862728	365654	13994	37849	4678	34016	881400 437519	
1995-96	892094	375957	14474	39079	4721	34463	911289 449499	
1996-97	912112	384008	14724	40145	4801	35284	931637 459437	
1997-98	935456	394412	17210	44104	5058	36364	957724 474880	
1998-99	948553	402336	17317	44515	5108	36850	970978 483701	
1999-00	963613	407601	17627	45031	5249	37645	986489 490277	
2000-01	988656	412574	17647	45088	5257	37696	991560 495358	
2001-02	990511	414146	18141	45803	5530	39012	1004182 498961	
2002-03	991042	428753	11377	34281	4810	39860	1007229 502894	
2003-04	1000254	435198	11400	34350	4890	40104	1018544 509652	
2004-05	1012557	443077	11500	34640	4945	40440	1029002 518157	
2005-06	1032728	455483	11685	35280	4995	41295	1049388 532058	
2006-07	1055885	471590	11925	36280	5050	41845	1072860 549715	
2007-08p	1079950	488300	12200	37530	5160	43325	1097310 569155	
2008-09p	1114540	511218	12580	38790	5310	45370	1132430 595378	



TABLE - 4 (Contn.)

Year	ESTATES												Grand Total (Holdings & Estates)	
	Above 20 ha & Above 40 ha & Above 200 ha & Above 400 ha & Above 600 ha			Total										
	Units	Area	ha	Units	Area	ha								
1990-91	120	3407	130	11348	22	6262	22	11051	38	45550	332	77618	780919	475083
1991-92	123	3478	130	11533	22	6217	21	10822	38	46041	334	77891	815881	488514
1992-93	126	3543	132	11555	22	6285	21	10649	38	46183	339	78215	842839	499374
1993-94	129	3628	132	11406	22	6280	21	10679	38	46334	342	78327	864042	508420
1994-95	130	3659	132	11377	22	6266	21	10638	38	46088	343	78028	881743	515547
1995-96	114	3286	134	12291	25	7589	19	9835	34	41575	326	74576	911615	524075
1996-97	112	3214	134	12262	25	7610	20	10303	32	40420	323	73809	931960	533246
1997-98	111	3165	136	11732	23	6821	22	11396	30	36540	322	69654	958046	544534
1998-99	111	3171	136	11743	23	7059	21	10775	30	36592	321	69340	971299	553041
1999-00	111	3188	137	11680	23	7159	20	10301	30	35979	321	68307	968610	558584
2000-01	108	3118	135	11591	24	7487	21	10720	28	34396	316	67312	991876	562670
2001-02	98	2917	136	11547	24	7548	21	10721	28	34861	307	67594	1004489	566555
2002-03	90	2649	136	11494	23	7171	22	11119	28	34340	299	68773	1007528	568667
2003-04	76	2218	137	11744	18	5541	20	10047	30	36778	281	66328	1016825	575980
2004-05	68	2014	136	11616	18	5543	21	10526	29	36234	273	65933	1029275	584090
2005-06	69	2009	132	11167	19	6011	20	10436	28	35929	267	65552	1049655	597610
2006-07	66	1973	126	10950	20	6023	20	10456	28	36083	260	65485	1073120	615200
2007-08p	68	2011	121	10556	22	6470	20	10446	28	36702	259	68245	1097569	635400
2008-09p	88	2579	112	9444	22	6681	16	8271	30	39627	268	66602	1132698	661980

Chart 1  
AREA UNDER HOLDINGS AND ESTATES





Chart 2  
AVERAGE YIELD PER HECTARE  
(Kilograms)

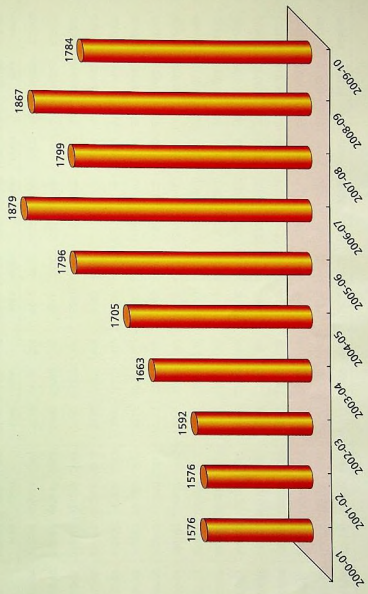




TABLE - 5

**TAPPED AREA, PRODUCTION AND AVERAGE YIELD PER HECTARE IN DIFFERENT STATES**  
(Area in hectares, Production in tonnes and Yield per hectare in kilograms)

Year	KERALA			TAMIL NADU			KARNATAKA			OTHERS			TOTAL	
	Tapped area	Production	Yield	Tapped area	Production	Yield	Tapped area	Production	Yield	Tapped area	Production	Yield	Tapped area	Production
1993-94	313416	408311	1304	12215	14720	1205	8410	8626	1026	4509	3503	777	338550	435160
1994-95	318865	442830	1389	12550	15065	1200	9175	9700	1057	5580	4220	756	346270	471815
1995-96	328812	474555	1443	12420	17335	1396	9530	10275	1078	5682	4745	835	356444	506910
1996-97	335400	512756	1529	12730	18505	1454	9760	11160	1143	7690	7004	911	365580	549425
1997-98	342420	541935	1583	13000	19175	1475	10365	12150	1172	11185	10570	945	376870	583830
1998-99	349683	559099	1599	13215	20263	1533	10685	12549	1174	13517	13134	972	387100	605045
1999-00	355342	572820	1612	13377	21134	1580	10980	13115	1194	15101	15196	1006	394800	622265
2000-01	359780	579666	1612	13651	21611	1583	11043	13368	1211	15427	15580	1009	399901	630405
2001-02	360006	580350	1612	13677	21631	1582	11110	13465	1212	15920	15954	1002	400713	631400
2002-03	363791	594917	1635	14065	22253	1582	11278	13659	1211	18819	18606	989	407953	649435
2003-04	381970	655135	1715	14170	22520	1589	11488	14070	1225	20307	19925	981	427935	711650
2004-05	391397	690768	1765	14325	22680	1584	11560	14440	1249	22438	21767	970	439720	749665
2005-06	396385	739225	1865	14505	23555	1624	11755	14940	1271	24370	24905	1022	447015	802625
2006-07	399635	783275	1960	14650	24020	1640	12414	16125	1299	27331	29475	1079	454020	852895
2007-08p	401420	751335	1876	14730	23820	1617	12850	16450	1280	29830	31940	1071	458630	825345
2008-09p	402006	783485	1949	15113	24355	1612	12435	18175	1462	33576	38485	1146	463130	864500

TABLE - 6

# MONTH-WISE PRODUCTION OF NATURAL RUBBER ( Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
April	41735	43355	44105	40035	39800	45580	47550	48490	54555	53665	57250	51520
May	47640	37665	47345	43350	42410	49960	47300	53010	56500	46485	60115	53550
June	41220	38990	40400	39175	43635	47035	49205	49625	57610	43480	62200	54255
July	38580	40220	42750	43490	45835	49485	53110	53455	65500	39590	62550	50250
August	46790	50870	45320	51485	51475	56950	63590	65210	74495	60950	73250	64750
September	48470	58250	56550	56450	58480	64815	73130	70895	73550	85275	80500	74300
October	57130	60555	64825	62450	63215	71290	75395	81405	82970	89505	84365	88775
November	71065	76225	72090	75525	75410	85325	89065	93505	95525	109480	95550	93500
December	75750	77430	76850	79410	80495	88450	91455	96125	101680	111730	100225	100850
January	69710	70365	70550	73030	75525	77545	80110	93510	96450	103515	91900	97500
February	31560	32190	32515	31855	35050	36455	38205	51505	51455	54520	48295	51500
March	35395	36150	37105	35145	38105	38760	41550	45890	42805	47250	48300	50650
Fin. Year Total	605045	622265	630405	631400	649435	711650	749865	802625	852895	825345	864500	831400
Growth(%)	3.63	2.85	1.31	0.16	2.86	9.58	5.34	7.06	6.26	-3.23	4.74	-3.83
Cal. year Total	591085	620225	628940	631540	640785	707570	742560	771585	853290	810570	881290	820245
Growth(%)	1.84	4.93	1.41	0.41	1.46	10.42	4.95	3.91	10.59	-5.01	8.72	-6.93

Chart 3  
TYPE-WISE PRODUCTION OF NR 2009-10

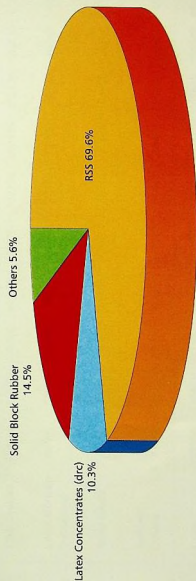






TABLE - 7

# TYPE-WISE PRODUCTION OF NATURAL RUBBER (Tonnes)

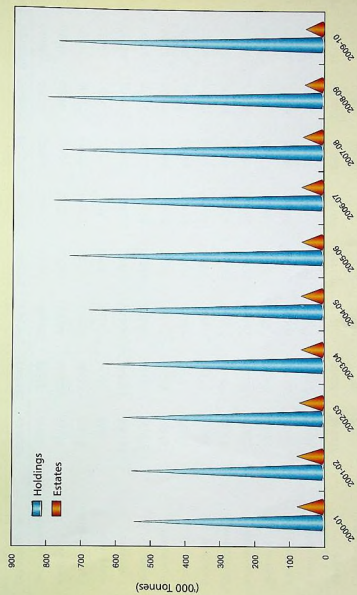
Type	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
RSS Grades	454180	455175	453465	441875	490070	532155	566445	612735	583875	617125	578650
Latex Concentrates(drc)	60640	65975	62990	76205	81860	78795	90850	86780	88305	88070	85760
Solid Block	60095	60225	65650	81405	87665	84275	92540	98500	100705	110275	120780
Rubber Others	47350	49030	48295	49950	52055	54440	52690	54880	52460	49030	46210
Total	622265	630405	631400	649435	711650	749665	802625	852895	825345	864500	831400

TABLE - 8

# PRODUCTION OF HOLDINGS AND ESTATES (Tonnes)

Year	Holdings	Estates	Total	Year	Holdings	Estates	Total
1986-87	168195	51325	219520	1988-89	527000	78045	605045
1987-88	181710	53487	235197	1989-90	544600	77665	622265
1988-89	204000	55172	259172	2000-01	553770	76635	630405
1989-90	239400	57900	297300	2001-02	555320	76080	631400
1990-91	268500	61115	329615	2002-03	580080	69355	649435
1991-92	302700	64045	366745	2003-04	647095	64555	711650
1992-93	327500	65990	393490	2004-05	685595	64070	749665
1993-94	367950	67210	435160	2005-06	739530	63095	802625
1994-95	405900	65915	471815	2006-07	789805	63090	852895
1995-96	436500	70410	506910	2007-08p	764675	60670	825345
1996-97	475000	74425	549425	2008-09p	804950	59550	864500
1997-98	507000	76830	583830	2009-10p	773250	58150	831400

**Chart 4**  
**PRODUCTION OF HOLDINGS AND ESTATES**



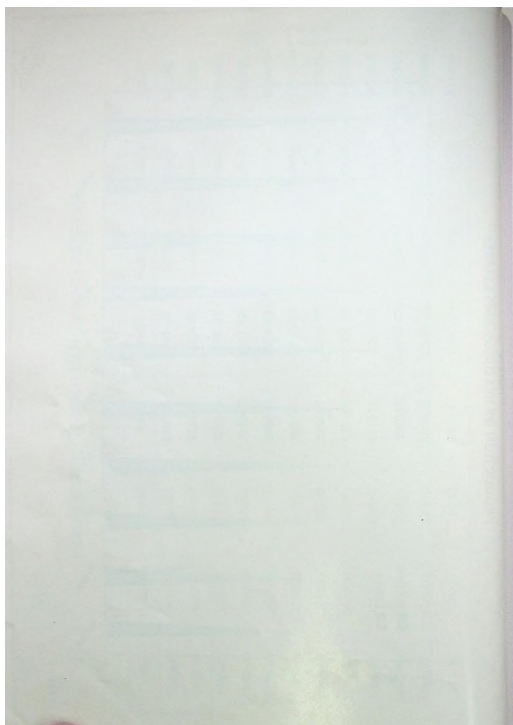


TABLE - 9

# **DISTRICT-WISE PRODUCTION OF NATURAL RUBBER**

(Tonnes)

District/State	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08p	2008-09p
Thiruvananthapuram	33318	33586	34206	36026	37915	43660	47280	44950	45890
Kollam	46289	46854	48386	50035	53233	55440	59360	55655	54380
Pathanamthitta	62423	62502	62833	67985	69094	70865	77440	73690	79640
Alappuzha	4003	4114	4356	5093	5577	6790	7400	6750	6860
Kottayam	141266	140543	143244	152682	162409	166940	173600	166180	176905
Idukki	45405	45260	45295	49486	52441	55830	57115	54800	59035
Ernakulam	73557	73219	73752	79647	82603	84900	88435	87595	94270
Thiruv	19670	19762	19932	21383	22488	25090	27200	25375	23595
Palakkad	31619	31759	34334	40916	43353	51185	52575	50720	49680
Malappuram	33007	32904	33883	39959	42548	48110	56105	54390	53400
Kozhikode	22871	22884	23490	25544	26258	29940	31835	29445	29625
Wynad	3955	4038	4753	6230	6695	7620	8245	8085	8600
Kannur	38459	38800	40658	50381	54960	59495	61575	60350	60795
Kasar	24024	24125	25795	29758	31184	33360	35110	35150	40820
Kerala	579866	580350	594917	655135	690768	739225	793275	753135	783485
Outside Kerala	50539	51050	54518	56515	58897	63400	69620	72210	81015
Grand Total	630405	631400	649435	711650	749665	802625	852895	825345	864500

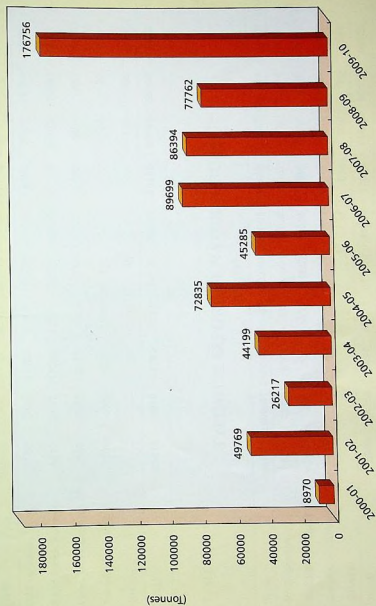
TABLE - 10

# MONTH-WISE IMPORT OF NATURAL RUBBER

(Tonnes)

Month	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
April	1021	2347	2959	1751	255	162	2015	815	4720	7408	3615	8624	4745	9743
May	1619	1737	1085	889	708	843	1282	6095	6682	4844	6578	8115	9690	17976
June	1584	3518	905	1284	1367	1299	894	4519	7788	9299	6518	7336	7167	23422
July	3156	3378	3493	2125	1939	3064	2098	5377	7245	4667	5906	4240	2867	29702
August	1531	2518	3942	4573	567	7432	5067	8186	5447	3864	4031	8839	3799	22640
September	1057	2190	4712	2206	968	8766	688	3651	7889	2521	883	9093	10205	18612
October	876	2115	1807	1843	918	3938	817	2295	4169	2161	1351	8373	16010	10011
November	727	1368	1376	1580	749	5398	336	1129	4668	4862	5465	8026	5743	7211
December	1927	3168	1813	724	278	6441	161	1056	3309	1520	10920	8180	3426	6131
January	1573	2741	4573	580	334	6230	3187	2457	7196	294	10216	8552	5153	7051
February	1819	3457	1587	1728	232	3900	6114	2848	8949	1470	18853	4738	2420	12278
March	2880	3533	1282	930	655	2296	3558	5771	4773	2575	15463	4278	6737	11968
Total	19770	32070	29534	20213	8970	49769	26217	44199	72835	45285	89799	86394	77762	176756

Chart 5  
IMPORT OF NATURAL RUBBER





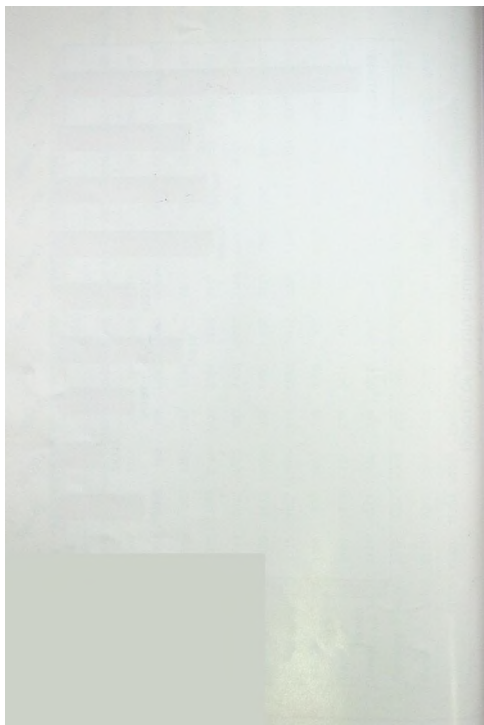


TABLE - 11

## TYPE-WISE IMPORT OF NATURAL RUBBER

(Tonnes)

Type	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
RSS grades	11143	3088	27403	11755	11758	20919	6992	33111	26349	27220	73392
Solid Block Rubber	6012	2647	19516	12751	30539	50720	37433	55075	58595	49130	98574
Latex Concentrates (drc)	2849	3075	2515	1243	1757	979	783	1401	855	1412	4439
Pale Latex Crepe	209	160	287	378	100	152	77	76	129	—	51
Others	—	—	38	90	45	65	—	136	466	—	300
Total	20213	8970	49769	26217	44199	72835	45285	89799	86394	77762	176756

TABLE - 12

## TYPE-WISE EXPORT OF NATURAL RUBBER

(Tonnes)

Type	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
RSS grades	5282	12805	6199	43688	38951	24028	35187	31786	28675	14209	2827
Solid Block Rubber	657	684	714	4637	19807	11558	13396	8454	8240	9283	7999
Latex Concentrates (drc)	49	65	82	6927	17125	10496	24153	16056	22639	20836	13106
Others	—	—	—	59	22	68	1094	249	799	2598	1158
Total	5988	13354	6995	55311	75905	46150	73830	56545	60353	46926	25090

TABLE-13

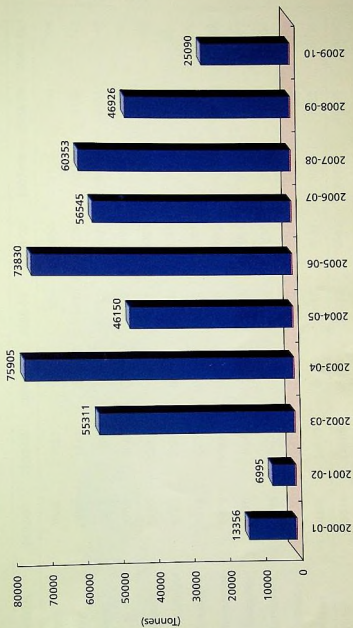
## COUNTRY-WISE EXPORT OF NATURAL RUBBER

(Quantity in Tonnes and Value in '000 Rs.)

COUNTRY	2004-05		2005-06		2006-07		2007-08		2008-09		2009-10p	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
China	16485	828886	26521	1691729	16592	1654157	20222	1807846	5518	608156	1747	182549
Sri Lanka	10246	515956	7556	496359	4760	418513	2789	227446	1982	226020	1182	140372
Malaysia	4388	224289	6363	481289	10412	1097676	12092	1117024	13510	1588812	6925	715632
Germany	2779	103511	5680	258628	2658	179704	2480	157526	1296	96202	1276	116776
Belgium	212	7844	2501	194920	2324	148944	2873	182442	2046	150472	876	72091
Turkey	1858	85344	2355	127893	1751	103398	1178	85213	902	89687	502	38790
U.K.	331	12338	2098	121510	1238	79527	1177	71048	749	59248	183	13774
U.S.A.	..	..	1954	97795	1567	125413	4888	307633	8289	579655	3076	306340
Spain	2153	82615	1634	91101	1204	95540	1052	65774	1106	81263	384	35045
Korea	301	16336	1360	83006	608	66451	776	77131	1101	114652	75	4635
Nepal	1585	83481	1201	91819	656	67489	685	60570	983	104909	309	25211
Others	5812	292800	14607	846863	12775	1100565	10141	783426	9444	802969	8555	854797
Total	46150	2253400	73830	4582912	56545	5137377	60353	4943079	46926	4502045	25090	2506012

Others include Indonesia, U.A.E, Egypt, Netherlands, Singapore, Iran, Ukraine, Italy, Poland, Brazil, Bulgaria, Vietnam etc.

**Chart 6**  
**EXPORT OF NATURAL RUBBER**



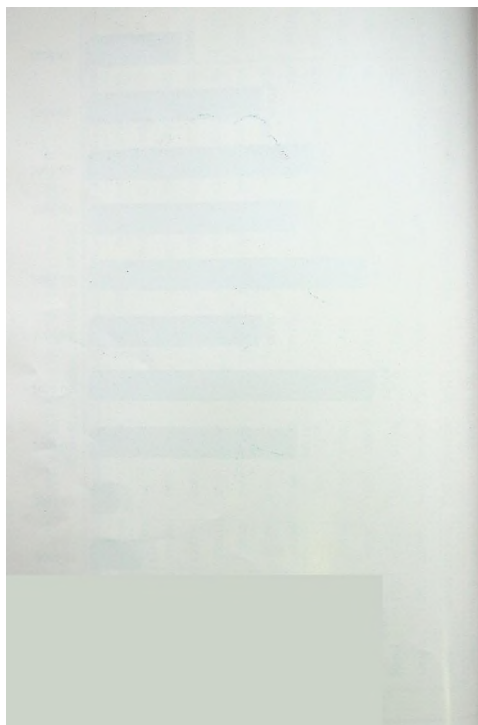


TABLE - 14

# MONTH-WISE EXPORT OF NATURAL RUBBER (Tonnes)

MONTH	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
April	3928	1180	1278	301	5989	2164	3690	726
May	2697	1244	2023	476	6722	4141	3159	124
June	2917	1898	1714	732	9901	4105	9451	46
July	3738	3046	897	3590	8497	4406	9299	30
August	1200	5461	972	6311	10228	1416	3047	91
September	6159	7197	6451	10028	6386	1166	2314	574
October	6814	8232	10534	11372	1981	811	3040	2274
November	5872	10814	9879	12440	973	1246	4101	4165
December	4740	6346	7317	9613	941	5126	3131	2563
January	4264	6337	992	4670	656	8053	1475	2906
February	4676	10410	1735	5850	721	14643	2257	5556
March	8306	13740	2358	8447	3552	13076	1962	6035
Total	55311	75905	46150	73830	55545	60353	46926	25090

TABLE-15

## MONTH-WISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
April	45190	49705	51040	52875	54510	54130	59020	62560	63850	65350	70025	73470
May	46020	51290	51675	54505	56505	58095	60895	64950	65005	65895	71215	71250
June	48250	50315	53225	55010	56740	60275	62640	64745	65585	69495	74060	74220
July	47710	52115	53950	52655	58920	61450	64265	68490	68645	72070	77540	78910
August	47550	49775	52415	50820	57835	61205	64210	70240	71315	75105	75850	79750
September	49910	53460	51565	51010	57380	60310	64525	66135	69580	74590	75860	78765
October	48590	50315	51060	51335	57750	58325	62455	66725	69305	74430	75825	77950
November	52400	53670	55450	53150	58470	61405	61115	66550	70490	72525	73290	80500
December	53900	56505	56245	54425	59455	63205	65150	67545	68225	73110	68290	80250
January	51155	54310	52440	54950	60210	61175	63515	67945	69300	71010	64045	80500
February	48535	53195	50475	53045	59525	59825	63505	66670	68715	73870	71520	76350
March	52335	53455	51935	54430	58125	60200	64310	68555	70290	74005	74200	78650
Fin. Year Total	591545	628110	631475	638210	695425	719600	755405	801110	820305	861455	871720	930560
Growth(%)	3.45	6.18	0.54	1.07	8.96	3.48	4.98	6.05	2.40	5.02	1.19	6.75
Cal. year Total	580355	619175	637585	630635	679990	716260	745275	789270	815170	850875	880840	904830
Growth(%)	1.53	6.69	2.97	-1.09	7.83	5.33	4.05	5.90	3.28	4.38	3.52	2.72

Chart 7  
TYPE-WISE CONSUMPTION OF NR 2009-10

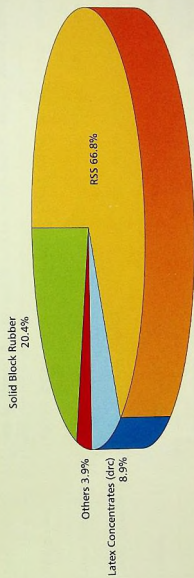






TABLE - 16

# TYPE-WISE CONSUMPTION OF NATURAL RUBBER (Tonnes)

Type	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
RSS grades	462120	463280	446150	492980	501625	519855	561655	561580	577635	597440	621435
Solid Block Rubber	64385	61680	82850	87305	98205	117130	115840	132755	155670	146060	190545
Latex Concentrate(drc)	66775	70870	72595	77540	78660	71880	74670	76190	77715	80520	82515
Others	34830	35645	36615	37600	41110	46540	48945	49780	50435	47700	36070
Total	628110	631475	638210	695425	719600	755405	801110	820305	861455	871720	930565

TABLE - 17

**STOCK OF NATURAL RUBBER WITH GROWERS, DEALERS  
AND MANUFACTURERS AT THE END OF EACH MONTH**  
(Tonnes)

Month	2007-08			2008-09p			2009-10p		
	G & D	M	T	G & D	M	T	G & D	M	T
April	91425	69175	160600	84680	68710	153390	142350	41115	183465
May	81315	64540	145855	82990	66360	149350	139175	44465	183640
June	61295	62415	123710	80800	55315	136115	137925	49145	187070
July	43040	48195	91235	70875	44660	115535	138805	49290	188095
August	40790	41820	82610	78060	36270	114330	142692	52958	195650
September	40405	41005	81410	93420	34055	127475	155982	53258	209240
October	63815	40445	104260	110015	39495	149510	172505	55760	228265
November	98580	49770	148350	130005	44555	174560	191275	53595	244870
December	128740	62115	190855	168730	39960	207690	214075	55665	269740
January	149415	75925	225340	199360	40220	239580	228312	63218	291530
February	118695	79365	198060	174295	42485	216780	209615	64965	274580
March	88485	75795	164280	157845	38385	196230	185244	68731	253975

Note: G - Growers, D - Dealers & Processors, M - Manufacturers, T - Total.  
Stock with manufacturers includes stock in transit as well as imported rubber.

TABLE - 18

# MONTH-WISE PRODUCTION OF SYNTHETIC RUBBER (Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10P
April	4695	4861	4401	5296	5880	6105	7834	7816	8772	7991	8669	8169
May	5964	5453	2913	5218	6497	6611	7512	7296	8899	9193	9390	7810
June	5632	5528	6136	5478	6791	5752	7892	7909	8429	7965	8763	8776
July	5793	5943	5751	5199	5904	7948	8006	7170	8639	8540	9133	9637
August	6761	5540	5819	5568	7505	7092	7858	8720	7630	8803	7781	9645
September	4592	5321	5443	5536	6715	8462	7608	7796	8065	8750	7500	8951
October	4953	4390	5308	6660	6247	7017	7368	8724	7926	8816	7690	8405
November	5827	5067	5083	5846	6370	7860	7840	8187	8219	9149	6128	8958
December	5745	5362	6563	6267	7209	7843	8173	8560	8482	9851	7059	8912
January	5558	4001	6504	5880	7800	8614	7526	8300	8163	9353	8063	10249
February	5461	3995	5597	5975	6642	7749	7242	7984	7830	8479	7055	8768
March	6619	4832	5942	6730	7041	8187	8995	9176	8459	9396	9488	8463
Fin. Year Total	67590	60293	65460	69653	80401	89240	93854	97638	99513	106286	96739	106743
Growth(%)	-6.12	-10.80	8.57	6.41	15.43	10.99	5.17	4.03	1.92	6.81	-8.98	10.34
Cal. year Total	66667	65103	60245	69111	77503	86173	94641	95941	100521	103510	99361	103869
Growth(%)	-9.99	-2.35	-7.46	14.72	12.14	11.19	9.83	1.37	4.77	2.97	-4.01	4.54

TABLE - 19

# TYPE-WISE PRODUCTION OF SYNTHETIC RUBBER (Tonnes)

Type	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
SBR 1502	3035	239	—	—	—	—	—	—	—	—	—	—
SBR 1712	1183	—	—	—	—	—	—	—	—	—	—	—
SBR 1958 <sup>a</sup>	15139	12322	12482	15197	15363	17100	16402	11503	8407	12638	8762	10704
Latex(drc)*	1984	1411	1422	1642	1490	2651	3143	3923	4679	5471	4780	9123
Nitrile	4445	5280	5151	6275	6781	6960	6535	10006	10913	14131	11439	14250
Polybutadiene	36760	35750	40670	41994	50877	55652	63762	67286	71730	74046	71758	72666
EPDM	4619	4811	4304	3835	5010	6126	3668	4920	3784	—	—	—
Others	425	480	1431	710	780	751	344	—	—	—	—	—
<b>Total</b>	<b>67590</b>	<b>60293</b>	<b>65460</b>	<b>69653</b>	<b>80401</b>	<b>89240</b>	<b>93854</b>	<b>97638</b>	<b>99513</b>	<b>106286</b>	<b>96739</b>	<b>106743</b>
<b>Annual growth rate</b>	<b>-6.12</b>	<b>-10.80</b>	<b>8.57</b>	<b>6.41</b>	<b>15.43</b>	<b>10.99</b>	<b>5.17</b>	<b>4.03</b>	<b>1.92</b>	<b>6.81</b>	<b>-8.98</b>	<b>10.34</b>

@ : including HSR

\* : Includes SBR Latex, VP Latex and Nitrile Latex.

TABLE - 20

# TYPE-WISE CONSUMPTION OF SYNTHETIC RUBBER (Tonnes)

Type	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 <sup>p</sup>
<b>Styrene butadiene rubber @</b>	51245	53790	54935	55945	65110	71030	75610	80885	98170	110965	111745	138905
<b>Polybutadiene</b>	44040	49245	49810	49995	55170	61120	64620	69080	79900	88205	82740	104465
<b>Butyl</b>	35910	37925	39940	40385	44850	47400	51900	53090	55825	59260	58960	66080
<b>Polychloroprene</b>	4680	5115	5310	5655	5450	5775	6220	6510	6640	6850	6775	6890
<b>Nitrile</b>	6455	6605	5875	6405	7055	7280	7935	8115	9195	9135	9430	8260
<b>Latex(drc)</b>	5050	5025	5030	5180	5605	5970	6190	6460	6550	6420	6900	7135
<b>EPDM</b>	5965	6190	5920	6430	6730	7040	7195	7515	7830	8450	8305	8020
<b>Others*</b>	3050	3325	3850	4535	4880	4575	4980	5840	6720	7870	8095	7955
<b>Total</b>	<b>156395</b>	<b>167220</b>	<b>170670</b>	<b>174530</b>	<b>194850</b>	<b>210190</b>	<b>224650</b>	<b>237495</b>	<b>270830</b>	<b>297155</b>	<b>292950</b>	<b>347710</b>
<b>Annual growth rate</b>	<b>-2.81</b>	<b>6.92</b>	<b>2.06</b>	<b>2.26</b>	<b>11.64</b>	<b>7.87</b>	<b>6.88</b>	<b>5.72</b>	<b>14.04</b>	<b>9.72</b>	<b>-1.42</b>	<b>18.88</b>

@ : Include SBR latex.

\* : Include unclassified rubber also.

TABLE-21

# STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH (Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
April	29420	41020	44500	45180	51395	68840	50120	30770	24620	25770	33030	2459
May	31980	39350	44180	43440	52900	64870	47560	27720	24615	26980	37550	2670
June	31630	39980	46875	42070	54445	60780	44775	25940	25180	27155	42970	2910
July	33895	40920	47900	44435	57125	58890	43905	22840	23480	26345	44070	3010
August	36390	40530	47210	46255	60995	55930	43290	22860	22000	27570	43650	3260
September	34675	40820	47530	46245	63320	55510	42570	23590	24950	27550	40240	3310
October	34240	37805	47010	46710	67410	53820	41490	23960	26440	27195	38480	3480
November	36640	37920	46180	47775	68665	51580	40330	24780	27670	25780	35420	3610
December	37960	40495	45655	48225	68520	52210	39340	23980	27010	26435	37725	3740
January	38150	39690	47040	49010	68995	52470	38110	24360	25460	28190	35020	3650
February	40440	39785	46240	49840	65625	52570	34230	24685	25700	28220	27630	3540
March	42410	43505	45220	51930	67385	51170	33470	25730	26410	31250	25670	3490

TABLE - 22

# PRODUCTION, CONSUMPTION AND EXPORT OF RECLAIMED RUBBER

(Tonnes)

Year	Production*	Consumption	Export
1990-91	53629	52500	985
1991-92	54185	54015	573
1992-93	61490	62470	379
1993-94	62780	63110	810
1994-95	64425	64655	1928
1995-96	65780	65775	2078
1996-97	66670	66585	3306
1997-98	69840	70085	2271
1998-99	63980	63095	1252
1999-00	64080	63450	2184
2000-01	62120	62260	3349
2001-02	63550	63875	5766
2002-03	67385	67320	7625
2003-04	70990	70460	9462
2004-05	73060	72905	12313
2005-06	76645	76535	18270
2006-07	78495	78435	19100
2007-08	89250	83165	29675
2008-09p	91350	86030	32710
2009-10p	100767	92250	36477

\* : Indigenous purchase by manufacturers.



TABLE - 23

**PRODUCTION, IMPORT, EXPORT AND CONSUMPTION  
OF NATURAL AND SYNTHETIC RUBBER**  
(Tonnes)

Year	PRODUCTION			IMPORT			EXPORT		CONSUMPTION		
	Natural	Synthetic	Total	Natural	Synthetic	Total	Natural	Synthetic	Natural	Synthetic	Total
1995-96	506910	68223	575133	51635	71735	123370	1130		525465	134085	659550
1996-97	549425	64563	613988	19770	91050	110820	1598		561765	142810	704575
1997-98	583830	71993	655823	32070	86389	118459	1415		571820	160915	732735
1998-99	605045	67590	672635	29534	97548	127082	1840		591545	156395	747940
1999-00	622265	60293	682558	20213	104842	125055	5989		628110	167220	795330
2000-01	630405	65460	695865	8970	106923	115893	13356		631475	170670	802145
2001-02	631400	69653	701053	49769	111572	161341	6995		638210	174530	812740
2002-03	649435	80401	729836	26217	129902	156119	55311		695425	194850	890275
2003-04	711650	88240	800890	44199	104733	148932	75905		719600	210190	929790
2004-05	749665	93854	843519	72835	113095	185930	46150		755405	224650	980055
2005-06	802625	97638	900263	45285	132118	177403	73830		801110	237495	1038605
2006-07	852895	99513	952408	89799	171998	261797	56545		820305	270830	1091135
2007-08	825345	106286	931631	86394	195705	282099	60353		861455	297155	1158610
2008-09	864500	96739	961239	77762	190630	268392	46926		871720	292950	1164670
2009-10p	831400	106743	938143	176756	250210	426966	25090		930565	347710	1278275

TABLE - 24

**TOTAL STOCK OF NATURAL AND SYNTHETIC RUBBER WITH PRODUCERS,  
DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH**  
(Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
April	175885	223180	229380	216370	227885	176240	127700	134280	107080	186370	186420	208055
May	180910	208620	224655	204270	213880	171160	116515	123760	99170	172835	186900	210340
June	174220	199175	214895	185385	200295	156800	106550	115635	89020	150865	179085	216200
July	169840	189955	205440	180975	188335	145710	101085	99285	82010	117580	159605	218290
August	174790	194340	197605	187970	189715	141725	104590	92750	78055	110180	157980	228250
September	175005	201055	203620	199280	187670	142920	114695	91805	79945	108960	167715	242410
October	185450	209605	216200	214300	189740	148950	120955	98700	94750	131455	187990	263085
November	207860	232855	231000	242635	203860	161650	143275	120175	125745	174130	209980	281035
December	232035	255585	248985	273725	220160	182920	164970	141095	168800	217290	245415	307155
January	254260	270730	268740	297000	234885	196160	186740	163440	204200	253530	274600	328085
February	240825	250055	249315	278875	206985	165840	164875	145015	205500	226280	244410	310070
March	230375	238075	229120	245000	185380	136360	143855	118750	191700	195530	221900	288885

TABLE - 25

# PRODUCTION, IMPORT, EXPORT, CONSUMPTION AND STOCK OF NATURAL RUBBER (Tonnes)

Year	Production	Annual growth rate	Import	Total Supply	Export	Consumption	Annual growth rate	Total Demand	Excess(+) / Deficiency(-) compared with demand	Stock at the end of the period*
1996-97	549425	8.39	19770	569195	1598	561765	6.91	563363	+ 5832	107310
1997-98	583830	6.26	32070	615900	1415	571820	1.79	573235	+ 42665	147300
1998-99	605045	3.63	29534	634579	1840	591545	3.45	593385	+ 41194	187965
1999-00	622265	2.85	20213	642478	5989	628110	6.18	634099	+ 8379	192570
2000-01	630405	1.31	8970	639375	13356	631475	0.54	644831	- 5456	183900
2001-02	631400	0.16	43769	681169	6995	638210	1.07	645205	+35964	193070
2002-03	649435	2.86	26217	675652	55311	695425	8.96	750736	-75084	117995
2003-04	711650	9.58	44199	755849	75905	719600	3.48	795505	-39656	85190
2004-05	749665	5.34	72835	822500	46150	755405	4.98	801555	+20945	110385
2005-06	802625	7.06	45285	847910	73830	801110	6.05	874940	-27030	93020
2006-07	852895	6.26	89799	942694	58545	820305	2.40	876850	+65844	165290
2007-08	825345	-3.23	86394	911739	60353	861455	5.02	921808	-10069	164280
2008-09	864500	4.74	77762	942262	46926	871720	1.19	918646	+23616	196230
2009-10p	831400	-3.83	176756	1008156	25090	930565	6.75	955655	+52501	253975

\* : Including year end adjustment

Chart 8  
PRODUCTION AND CONSUMPTION OF NR

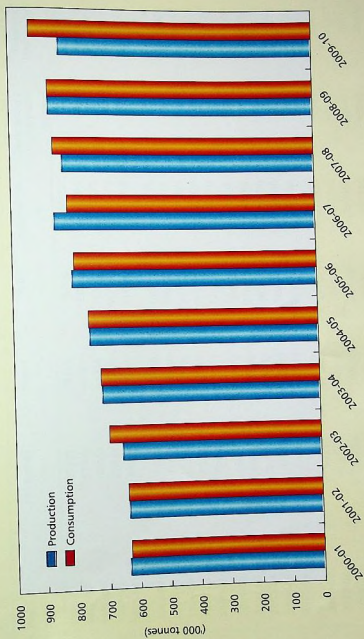


TABLE - 25

# PRODUCTION, IMPORT, EXPORT, CONSUMPTION AND STOCK OF NATURAL RUBBER (Tonnes)

Year	Production	Annual growth rate	Import	Total Supply	Export	Consumption	Annual growth rate	Total Demand	Excess(+) / Deficiency(-) compared with demand	Stock at the end of the period*
1996-97	549425	8.39	19770	569195	1598	561765	6.91	563363	+ 5832	107310
1997-98	583830	6.26	32070	615900	1415	571820	1.79	573235	+ 42665	147300
1998-99	605045	3.63	29534	634579	1840	591545	3.45	593385	+ 41194	187965
1999-00	622265	2.85	20213	642478	5989	628110	6.18	634099	+ 8379	192570
2000-01	630405	1.31	8970	639375	13356	631475	0.54	644831	- 5456	183900
2001-02	631400	0.16	49769	681169	6995	638210	1.07	645205	+35964	193070
2002-03	649435	2.86	26217	675652	55311	695425	8.96	750736	-75084	117995
2003-04	711650	9.58	44199	755849	75905	719600	3.48	795505	-39656	85190
2004-05	749665	5.34	72835	822500	46150	755405	4.98	801555	+20945	110385
2005-06	802625	7.06	45285	847910	73830	801110	6.05	874940	-27030	93020
2006-07	852895	6.26	89799	942694	56545	820305	2.40	876850	+65844	165290
2007-08	825345	-3.23	86394	911739	60353	861455	5.02	921808	-10069	164280
2008-09	864500	4.74	77762	942262	46926	871720	1.19	918646	+23616	196230
2009-10p	831400	-3.83	176756	1008156	25090	930565	6.75	955655	+52501	253975

Chart 8  
PRODUCTION AND CONSUMPTION OF NR

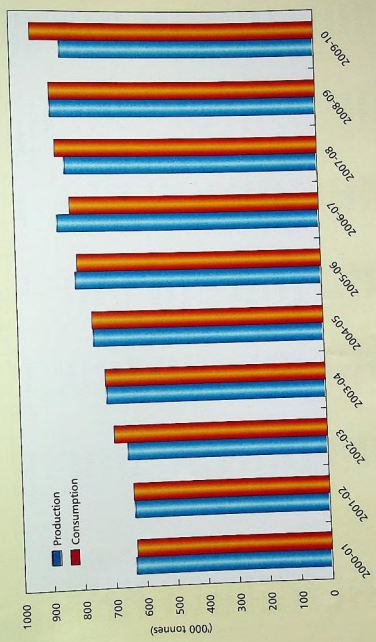




TABLE - 26

# PRODUCTION, IMPORT, CONSUMPTION AND STOCK OF SYNTHETIC RUBBER

(Tonnes)

Year	Production	Import	Total	Consumption	Excess(+) / Deficiency(-) compared with demand	Stock at the end of the period
1991-92	57726	39210	96936	105650	- 8714	11470
1992-93	57892	47362	105254	108690	- 3436	12390
1993-94	49633	64338	113971	113395	+ 576	14665
1994-95	63681	73860	137541	122710	+ 14831	20285
1995-96	68223	71735	139958	134085	+ 5873	18760
1996-97	64563	91050	155613	142810	+ 12803	31560
1997-98	71993	86389	158382	160915	- 2533	29030
1998-99	67590	97548	165138	156395	+ 8743	42410
1999-00	60283	104842	165135	167220	- 2085	43505
2000-01	65460	106923	172383	170670	+ 1713	45220
2001-02	69653	111572	181225	174530	+ 6695	51930
2002-03	80401	129602	210303	194850	+ 15453	67385
2003-04	89240	104733	193973	210190	- 16217	51170
2004-05	93854	113095	206949	224650	- 17701	33470
2005-06	97638	132118	229756	237495	- 7739	25730
2006-07	99513	171998	271511	270630	+ 881	26410
2007-08	106286	195705	301991	297155	+4836	31250
2008-09	96739	190630	287369	292950	-5581	25670
2009-10p	106743	250210	356953	347710	+9243	34910



TABLE - 27

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

State/Union Territory	2005-06			Total	2006-07			Total
	Natural	Synthetic	Reclaimed		Natural	Synthetic	Reclaimed	
Andhra Pradesh	37209	15274	5419	57902	33792	17163	6440	57395
Delhi	15778	1949	1156	18883	16643	1896	1164	19703
Goa & Daman	35192	5751	1010	41953	34606	7267	1078	42951
Gujarat	48336	12869	1986	63191	60193	16762	2337	79292
Haryana	48572	8875	1420	58867	48297	10297	1645	60239
Jharkhand*	1197	284	160	1641	1203	286	155	1644
Karnataka	55404	16400	6499	78303	57202	19523	7143	83868
Kerala	135792	48666	8995	193453	126809	50572	8440	185821
Madhya Pradesh**	30685	18914	3485	53084	33901	20055	3071	57027
Maharashtra	106096	38698	12288	157082	106654	39998	12689	159341
Orissa	31300	5969	249	37518	33981	8369	262	42612
Pondicherry	2714	1956	115	4785	1884	1859	105	3848
Punjab*	82813	10165	17723	110701	78794	12760	15588	107142
Rajasthan	54013	11540	1624	67177	55294	15263	1952	72509
Tamil Nadu	49485	21868	6450	77803	64731	30060	8717	103508
Uttar Pradesh**	32485	7578	4461	44524	30588	7769	4036	42393
West Bengal	31087	10558	3435	45080	31955	10737	3542	46234
Others	2952	181	60	3193	3778	194	71	4043
Total	801110	237495	76535	1115140	820305	270830	78435	1169570

TABLE - 27(Contn.)

State/Union Territory	2007-08			Total	2008-09p			Total
	Natural	Synthetic	Reclaimed		Natural	Synthetic	Reclaimed	
Andhra Pradesh	36185	17323	6233	59741	50939	19632	7492	78063
Delhi	16267	1822	1150	19239	16137	1890	1116	19143
Goa & Daman	34733	8760	1043	44536	31950	8323	825	41098
Gujarat	66697	18875	2324	87896	65741	18866	2437	87044
Haryana	49719	9975	1831	61525	49982	9185	1944	61111
Jharkhand*	1186	301	161	1648	1071	332	176	1579
Karnataka	55812	22640	6394	84846	56331	19960	7034	83325
Kerala	142234	53998	9215	205447	139288	48504	9222	197014
Madhya Pradesh**	32419	23815	2566	58900	29615	23136	2660	55411
Maharashtra	111671	41897	13426	166994	109601	42033	15039	166673
Orissa	40038	10595	195	50828	33855	8524	186	42565
Pondicherry	2593	1794	105	4492	2963	2361	125	5449
Punjab*	83566	11696	17316	112578	81779	13200	16891	111870
Rajasthan	59385	18669	2523	80577	53046	18450	1334	72830
Tamil Nadu	60607	34205	9807	104619	64360	34723	10854	109837
Uttar Pradesh**	31224	8137	4653	44014	51197	11360	4445	67002
West Bengal	33701	12427	4092	50220	30081	12254	4088	46423
Others	3418	226	131	3775	3784	217	162	4163
Total	861455	297155	83165	1241775	871720	292950	86030	1250700

\*: including Chandigarh, \*\*: including Chattisgarh, \*\*\*: including Uttarakhand and @: including Bihar.

TABLE - 28

**VALUE OF NATURAL RUBBER IMPORTED FROM VARIOUS COUNTRIES**  
(Million Rs)

Country	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
<b>Thailand</b>	402	633	1716	551	2718	3134	5224	6072
<b>Indonesia</b>	167	331	700	1028	3462	3319	2466	7135
<b>Malaysia</b>	277	1062	1548	540	412	369	715	506
<b>Sri Lanka</b>	18	20	146	121	706	666	639	1347
<b>Vietnam</b>	65	85	103	246	297	265	168	411
<b>Myanmar</b>	2	10	29	177	91	21	15	24
<b>Singapore</b>	35	13	28	65	60	29	10	3
<b>Others</b>	27	47	21	17	59	86	135	523
<b>Total</b>	<b>993</b>	<b>2201</b>	<b>4291</b>	<b>2745</b>	<b>7805</b>	<b>7889</b>	<b>9372</b>	<b>16021</b>

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

TABLE - 29

# VALUE OF SYNTHETIC AND RECLAIMED RUBBER IMPORTED FROM VARIOUS COUNTRIES (Million Rs)

Country	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
Russia	1815	2523	2960	3572	4961	4999	7671	5629
Korea RP	701	1344	1830	2022	2985	4998	6795	7256
U.S.A	383	663	951	1421	2480	3052	3491	3391
France	727	781	1439	1253	1749	1621	1926	1590
Japan	1067	1298	1299	1221	1109	1285	1734	3467
Germany(FR)	415	493	938	865	1412	1957	1716	1104
U. K	307	486	611	571	758	1250	1277	1706
Taiwan	-	556	722	620	1055	740	1199	1605
Netherlands	154	216	340	319	341	547	828	786
Thailand	354	605	750	830	676	682	616	1193
Canada	112	10	15	194	130	202	493	223
China P RP	382	441	609	859	451	560	460	615
Iran	58	199	63	262	370	220	416	291
Belgium	198	184	232	207	199	274	323	794
Brazil	368	445	588	671	896	483	84	507
Others	755	471	749	678	1145	864	1178	1939
<b>Total</b>	<b>7797</b>	<b>10715</b>	<b>14096</b>	<b>15565</b>	<b>20717</b>	<b>23744</b>	<b>30217</b>	<b>32096</b>

Note: Reclaimed rubber includes waste and scrap of unhardened rubber

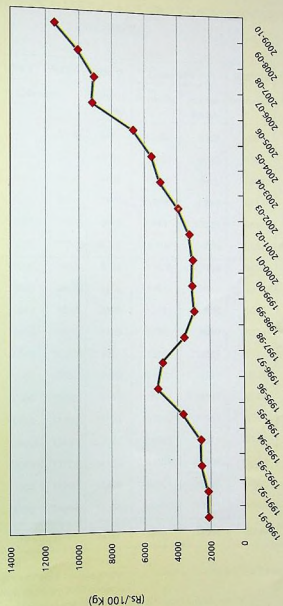
Source: "Monthly Statistics of Foreign Trade of India", published by DGCI&S, Kolkata.

TABLE - 30

**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
1997-98	4115	3927	3734	3580	3445	3245	5386	3387
1998-99	3553	3362	3136	2994	2856	2648	4443	2759
1999-2000	3538	3415	3272	3099	2955	2845	4091	2920
2000-01	3513	3353	3205	3036	2909	2801	4560	2840
2001-02	3558	3455	3343	3228	3081	2658	4371	2819
2002-03	4283	4183	4083	3919	3693	3513	5293	3706
2003-04	5393	5295	5195	5040	4883	4819	6482	4901
2004-05	5938	5838	5738	5571	5398	5275	7057	5301
2005-06	7036	6932	6831	6699	6494	6318	7879	6432
2006-07	9776	9646	9544	9204	8920	8672	11190	8787
2007-08	9549	9430	9330	9085	8891	8651	10491	8817
2008-09	10502	10402	10302	10112	9897	9388	11604	9692
2009-10	12045	11911	11809	11498	11164	10579	13163	10786
1997	4548	4411	4091	3988	3846	3583	5416	3769
1998	3519	3352	3127	3013	2867	2665	4879	2775
1999	3496	3346	3176	2997	2872	2731	3810	2823
2000	3599	3438	3289	3125	2994	2890	4788	2927
2001	3472	3369	3247	3109	2961	2643	4105	2756
2002	3958	3859	3761	3621	3402	3122	5039	3339
2003	5170	5072	4972	4814	4649	4576	6202	4670
2004	5942	5842	5742	5571	5401	5272	7064	5310
2005	6404	6303	6203	6068	5865	5717	7163	5808
2006	9324	9191	9089	8783	8551	8338	10868	8454
2007	9509	9390	9290	9006	8772	8514	10460	8654
2008	11146	11046	10946	10775	10547	10076	11977	10387
2009	10318	10183	10081	9756	9473	8889	11756	9080

**Chart 9**  
**PRICE OF INDIGENOUS RSS4 GRADE RUBBER**  
**(At Kottayam Market)**



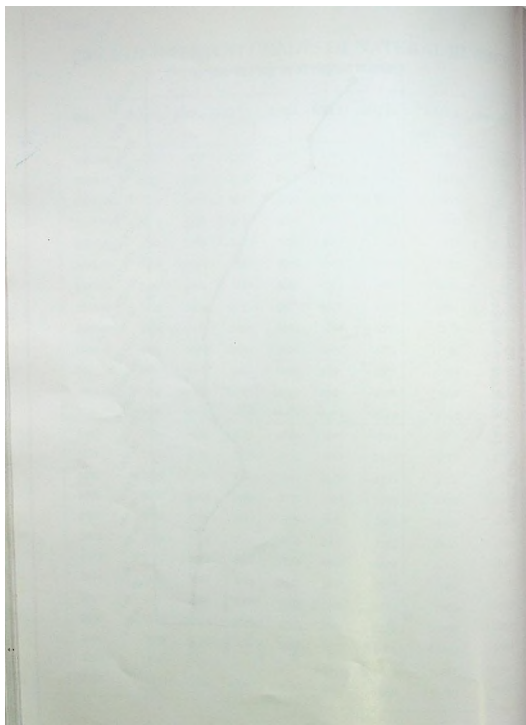


TABLE - 30(a)

**COMPARISON OF DOMESTIC AND INTERNATIONAL PRICE**  
( Rs./100 Kg )

		RSS 5	RSS 4	RSS 3	Latex(60% drc)		ISNR 20	SMR 20
		Domestic		International	Domestic	International	Domestic	International
2003-04		4883	5040	5278	6482	6252	4901	4992
2004-05		5398	5571	5751	7057	6542	5301	5490
2005-06		6494	6699	7432	7879	8491	6432	6868
2006-07		8920	9204	9779	11190	10883	8787	9041
2007-08		8891	9085	9675	10491	10622	8817	9308
2008-09		9897	10112	10379	11604	11749	9692	9972
April	2009	9309	9488	8189	11528	9948	9066	7740
May	"	9546	9805	8300	11877	9640	9218	7855
June	"	9676	9913	8109	13744	8856	9076	7683
July	"	9619	9819	8505	13763	8999	8824	8046
August	"	10049	10250	9925	13004	10660	9425	9168
September	"	10266	10651	10569	11632	11021	9651	9953
October	"	10389	10898	11103	11759	11197	9749	10506
November	"	10816	11302	11893	11642	11961	10557	11353
December	"	12900	13430	13048	13383	13515	12712	12793
January	2010	13217	13772	14163	14803	15066	13213	13677
February	"	13404	13700	14465	14864	16038	13285	13840
March	"	14782	14948	15084	15956	16949	14661	14374
2009-10		11164	11498	11113	13163	11988	10786	10582

Note: (i) International price for RSS 3 refers to Bangkok market upto January 2009 and SICOM prices from February 2009 onwards.

(ii) International price for latex and SMR 20 refers to Kuala Lumpur market.



TABLE - 30(b)

**COMPARISON OF DOMESTIC AND INTERNATIONAL PRICE**  
( US\$/100 Kg )

		RSS 4	RSS 3	Latex(60% drc)		ISNR 20	SMR 20
		Domestic	International	Domestic	International	Domestic	International
<b>April</b>	<b>2009</b>	189.23	163.32	229.92	198.40	180.81	154.37
<b>May</b>	"	201.42	170.50	243.98	198.03	189.36	161.36
<b>June</b>	"	207.60	169.82	287.83	185.47	190.07	160.90
<b>July</b>	"	202.62	175.51	284.01	185.70	182.09	166.03
<b>August</b>	"	212.13	205.40	269.12	220.61	195.05	189.74
<b>September</b>	"	219.93	218.23	240.18	227.57	199.28	205.51
<b>October</b>	"	232.96	237.35	251.37	239.35	208.40	224.58
<b>November</b>	"	241.44	254.07	248.71	255.52	225.53	242.53
<b>December</b>	"	288.07	279.88	287.07	289.90	272.67	274.41
<b>January</b>	<b>2010</b>	299.26	307.76	321.66	327.38	287.11	297.20
<b>February</b>	"	295.51	312.01	320.62	345.94	286.56	298.53
<b>March</b>	"	328.02	331.01	350.14	371.93	321.72	315.43
<b>2009-10</b>		<b>242.06</b>	<b>233.96</b>	<b>277.12</b>	<b>252.38</b>	<b>227.07</b>	<b>222.78</b>

Note: (i) International price for RSS 3 refers to SICOM prices

(ii) International price for latex and SMR 20 refers to Kuala Lumpur market.

TABLE - 31

**AVERAGE PRICE OF INDIGENOUS SYNTHETIC RUBBER**  
(Rs. per 100 kg)

Year	Styrene butadiene (Ex-Bareilly price)			Poly butadiene (Ex-Baroda Price)
	1500/1502	1712	1958	1203/1220
1985-86	2350	2110	2736	1928
1990-91	4010	3700	4340	2903
1991-92	4899	4536	5177	3632
1992-93	5184	4824	5463	4000
1993-94	5181	4770	5389	4200
1994-95	4764	4269	5494	4200
1995-96	6212	5629	7105	6048
1996-97	5967	5375	7000	6071
1997-98	4734	4279	6623	5200
1998-99	5076	4569	6543	4525
1999-00	5400	4800	6400	4460
2000-01	—	—	—	5403
2001-02	—	—	—	4925
2002-03	—	—	—	5250
2003-04	—	—	—	6056
2004-05	—	—	—	7413
2005-06	—	—	—	8600
2006-07	—	—	—	8705
2007-08	—	—	—	8813
2008-09	—	—	—	13396
2009-10	—	—	—	10324

Note: The prices are exclusive of excise duty and other taxes.

No production of Styrene Butadiene rubber(1500/1502/1712/1958 grades) since July 1999.

Source: M/s. Synthetics & Chemicals Ltd. and M/s Reliance Industries Ltd.

TABLE - 32

# **DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION OF RUBBER** (Consumption in Tonnes)

Consumption Group	2001-02				2002-03				
	No. of Manufacturers	CONSUMPTION				No. of Manufacturers	CONSUMPTION		
		Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed
A	1991	11494	2637	926	15057	1894	11892	2652	15280
B	1996	65875	14797	4901	85573	1939	70874	15167	90252
C	596	40522	10900	5133	56555	613	42040	11393	4668
D	374	88017	34027	18362	140406	375	86124	37355	20089
E	45	26317	3917	1607	31841	44	24684	3720	1636
F	64	405985	108252	32946	547183	66	459811	124563	35980
Total	5066	638210	174530	63875	876615	4931	695425	194850	67320
Consumption Group	2003-04				2004-05				
	No. of Manufacturers	CONSUMPTION				No. of Manufacturers	CONSUMPTION		
		Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed
A	1861	11935	2649	704	15288	1868	12603	3501	16817
B	1842	69139	16124	4223	89486	1822	67846	16542	88751
C	602	41206	11191	4666	57063	621	43496	11421	4929
D	369	84197	38155	20578	142930	381	95318	40949	21278
E	52	27731	4743	3079	35553	46	25267	5059	2500
F	65	485392	137328	37210	659930	62	510875	147178	39122
Total	4791	719600	210190	70460	1000250	4957	205908	62361	29322
									297591

Note: Regarding Consumption Group, see page 37.

TABLE - 32(Contin.)

Consumption Group	2005-06				No. of Manufacturers	2006-07			
	CONSUMPTION					CONSUMPTION			
	Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed	Total
A	1838	10573	2638	13892	1627	10464	1384	488	12314
B	1861	66825	16077	87037	1827	68815	14587	3363	86765
C	641	42439	11805	59168	667	46169	11505	4785	62459
D	388	98940	41680	20523	417	107804	39460	21424	168688
E	50	31129	4269	37819	48	28326	3312	2126	33764
F	62	551204	161026	43651	64	558727	200582	46271	805580
Total	4840	801110	237495	1115140	4650	820305	270830	78435	1169570

Consumption Group	2007-08				No. of Manufacturers	2008-09p			
	CONSUMPTION					CONSUMPTION			
	Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed	Total
A	1616	10519	1605	12559	1661	10120	1408	385	11913
B	1798	64910	11696	80460	1759	59884	11481	3300	74665
C	679	49712	9652	63798	645	43640	10475	3973	58088
D	425	104610	41020	22661	422	105566	43584	22124	171274
E	57	31423	4169	39534	59	32922	5792	4153	42867
F	66	600281	229013	877133	71	619588	220210	52095	891893
Total	4641	861455	297155	1241775	4617	871720	292950	86030	1250700

Note:- A: 10 tonnes and below; B: above 10 tonnes and upto and including 50; C: above 50 tonnes and upto and including 100;

D: above 100 tonnes and upto and including 500; E: above 500 tonnes and upto and including 1000; F: above 1000 tonnes.

TABLE - 33

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

State/ Union Territory	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Kerala	1026	974	891	906	854	851	896	875	784	778	746	748
Maharashtra	617	623	612	624	578	563	542	546	547	541	540	522
Tamil Nadu	523	506	502	503	486	483	483	514	495	522	523	497
Punjab*	593	552	554	539	522	488	478	478	436	413	411	392
Uttar Pradesh	464	450	438	439	439	430	426	424	407	413	423	406
West Bengal	506	484	447	437	435	409	403	406	376	381	353	35
Gujarat	422	395	378	377	381	368	374	383	396	375	384	393
Haryana	315	311	289	307	324	324	332	337	338	359	368	362
Karnataka	249	249	229	219	203	194	199	206	202	218	225	210
Delhi	306	297	276	242	220	206	195	186	171	152	144	137
Andhra Pradesh	157	140	139	155	160	160	160	160	157	160	156	157
Rajasthan	93	92	87	98	111	109	111	115	120	128	139	136
Madhya Pradesh	91	91	88	86	82	77	61	67	71	68	70	65
Goa	24	28	25	31	33	33	25	25	25	24	23	22
Jharkhand**							13	14	15	14	11	10
Chattisgarh*	16	16	14	13	13	12	10	11	13	13	14	10
Orissa	6	5	6	7	8	9	9	7	9	9	7	7
Assam							9	10	11	17	16	17
Uttarakhand@	7	8	6	10	8	8	8	7	12	17	5	25
Himachal Pradesh	33	33	34	28	27	27	3	2	2	1	1	1
Bihar	46	49	47	44	47	40	37	43	38	36	36	38
Others												
<b>Total</b>	<b>5494</b>	<b>5303</b>	<b>5062</b>	<b>5066</b>	<b>4931</b>	<b>4791</b>	<b>4800</b>	<b>4840</b>	<b>4650</b>	<b>4641</b>	<b>4617</b>	<b>4528</b>

\*. includes Chandigarh, \*\*, upto 2003-04 included in Bihar, +: in Madhya Pradesh and @: upto 2003-04 included in Uttar Pradesh.

Chart 10  
NUMBER OF RUBBER GOODS MANUFACTURERS

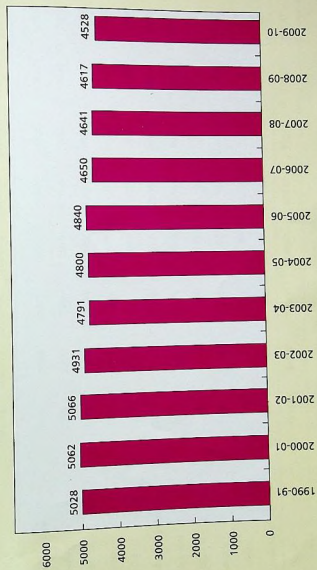




TABLE-34

# PRODUCTION OF TYRES (‘000 numbers)

Year	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
Truck & Bus	8474	9863	10821	11092	11941	12367	13137	12839	14811
Tractor	2255	2420	2405	2815	3113	3873	3934	3915	4923
Car	7481	8544	9959	11862	13605	14263	16437	16570	20047
Jeep	1247	1384	1440	1462	1272	1368	1467	1469	1402
LCV	2352	2844	3271	3945	4529	4820	5320	5298	5739
Motor Cycles	12275	15655	16888	18127	21053	28079	27921	30148	35664
Scooter	8547	9875	9274	9992	9519	9643*	11604*	10883*	13557*
Moped	135	185	188	124	55	-	-	-	-
A.D.V.	488	456	295	197	324	381	409	281	294
OTR	46	51	74	89	106	115	141	136	161
Industrial	214	309	295	377	515	635	733	568	538
Total	43514	51586	54690	60082	66032	73544	81103	82107	97136

Source: Automotive Tyre Manufacturers' Association, New Delhi. \* : including Moped.



TABLE-35

# **PRODUCTION OF TUBES** (‘000 numbers)

Year	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
<b>Truck &amp; Bus</b>	7291	7852	8851	9439	10522	11257	12016	11911	14142
<b>Tractor</b>	925	824	906	1053	1232	1425	1443	1333	1970
<b>Car</b>	4277	4728	5331	5947	6990	8509	11490	10773	9822
<b>Jeep</b>	972	1036	1056	1040	1066	1132	1416	1411	1430
<b>LCV</b>	1835	2133	2633	3100	3775	4156	4147	4213	4912
<b>Motor Cycles</b>	11372	13978	15415	18871	22263	28067	30817	31527	37095
<b>Scooter</b>	5122	5750	5624	6439	7044	7461*	9128*	8242*	11610*
<b>Moped</b>	151	176	270	347	227	-	-	-	-
<b>A.D.V.</b>	216	231	187	140	165	213	181	184	235
<b>OTR</b>	13	15	19	26	38	48	60	60	68
<b>Industrial</b>	61	65	50	71	99	108	112	79	64
<b>Total</b>	<b>32235</b>	<b>36788</b>	<b>40342</b>	<b>46273</b>	<b>53421</b>	<b>62376</b>	<b>70810</b>	<b>69733</b>	<b>81448</b>

Source: Automotive Tyre Manufacturers' Association, New Delhi. \* : including Moped.

TABLE - 36

# **AUTOMOBILE PRODUCTION AND EXPORT** (‘000 numbers)

Category	Production					Export				
	2005-06	2006-07	2007-08	2008-09	2009-10p	2005-06	2006-07	2007-08	2008-09	2009-10p
M&HCVs	219	294	295	192	250	14	19	22	17	20
LCVs	172	226	254	225	317	27	31	37	26	25
<b>Total CVs</b>	<b>391</b>	<b>520</b>	<b>549</b>	<b>417</b>	<b>567</b>	<b>41</b>	<b>50</b>	<b>59</b>	<b>43</b>	<b>45</b>
Passenger Cars	1046	1238	1426	1517	1926	170	193	211	332	442
Utility Vehicles	196	222	246	219	273	4	4	6	3	3
MPVs	67	85	105	102	152	1	1	1	1	1
<b>Total Passenger Vehicles</b>	<b>1309</b>	<b>1545</b>	<b>1777</b>	<b>1838</b>	<b>2351</b>	<b>175</b>	<b>198</b>	<b>218</b>	<b>336</b>	<b>446</b>
Scooters	1021	944	1075	1162	1484	84	35	25	26	30
Motorcycles	6208	7112	6504	6798	8445	386	546	776	971	1103
Mopeds	380	380	431	436	571	43	39	18	7	7
Electric Two Wheelers	-	31	17	24	3	-	-	-	0.04	0.05
<b>Total Two Wheelers</b>	<b>7609</b>	<b>8467</b>	<b>8027</b>	<b>8420</b>	<b>10513</b>	<b>513</b>	<b>620</b>	<b>819</b>	<b>1004</b>	<b>1140</b>
Three Wheelers	435	556	501	497	619	77	144	141	148	174
<b>Grand Total</b>	<b>9744</b>	<b>11088</b>	<b>10854</b>	<b>11172</b>	<b>14050</b>	<b>806</b>	<b>1012</b>	<b>1237</b>	<b>1531</b>	<b>1805</b>

M&HCVs: Medium and Heavy Commercial Vehicles, LCVs: Light Commercial Vehicles, MPVs: Multi Purpose Vehicles.  
Source: Society of Indian Automobile Manufacturers, New Delhi

TABLE - 37

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

Products	2003-04			2004-05			2005-06					
	NR	SR	RR	NR	SR	RR	NR	SR	RR	Total		
1. Auto tyres & tubes*	353131	114299	14052	481482	379260	124146	15618	519024	422508	134243	16983	573734
2. Cycle tyres & tubes	86154	15798	20349	122301	88827	17341	20927	127095	91700	18153	21789	131642
3. Camel back	39449	10862	4132	54443	40739	11138	4324	56201	42227	11494	4442	58163
4. Footwears	73470	36053	8009	117532	74736	38042	7301	120079	67471	37689	6910	112070
5. Belts and hoses	40662	9941	4546	55149	41443	10497	4743	56683	41956	10747	5288	57991
6. Latex foam	33452	—	—	33452	32973	—	—	32973	34466	—	—	34466
7. Cables and wires	1756	1685	810	4251	1830	1842	876	4548	1453	1971	960	4384
8. Battery boxes	1852	2726	9826	14404	1828	2738	10198	14764	1801	2709	10223	14733
9. Dipped goods	34441	—	—	34441	33899	—	—	33899	34947	—	—	34947
10. Others	55233	18826	8736	82795	59870	18906	8918	87694	62581	20489	9940	93010
Total	719600	210190	70460	1000250	755405	224650	72905	1052960	801110	237495	76535	1151540

\* Includes Tractor, Aero, ADV and Off-the-road.

NR - Natural Rubber, SR - Synthetic Rubber &amp; RR - Reclaimed Rubber.

Chart 11  
TOTAL CONSUMPTION OF RUBBER  
ACCORDING TO END PRODUCTS 2008-09

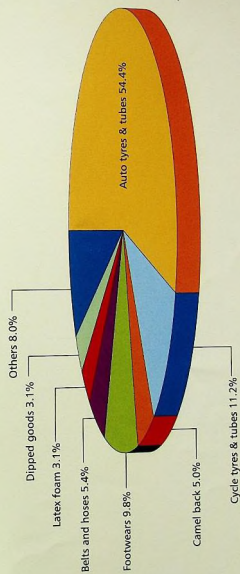




Chart 12  
CONSUMPTION OF NR ACCORDING TO END PRODUCTS 2008-09

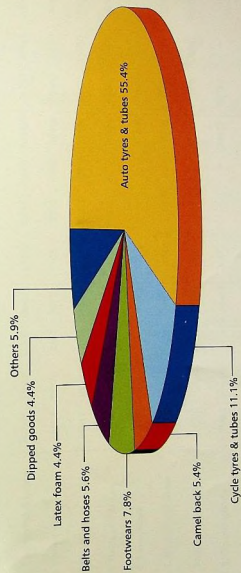




TABLE - 37(Contn.)

Products	2006-07				2007-08p				2008-09p			
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	444828	150216	18431	622575	470619	179620	20513	670752	482575	175809	21955	680339
2. Cycle tyres & tubes	92587	21588	22849	136824	97680	20942	24689	143311	96282	20845	23705	140832
3. Camel back	40514	13370	4837	58721	41057	13320	4682	59059	48953	11150	4498	62601
4. Footwears	65617	40760	7025	113402	69817	45383	6905	122105	68325	45950	8325	122600
5. Belts and hoses	43136	12095	5534	60765	46045	13005	6328	65378	48863	11455	6960	67278
6. Latex foam	36410	—	—	36410	38522	—	—	38522	38445	—	—	38445
7. Cables and wires	1589	2074	988	4651	1640	2188	940	4768	1550	1984	955	4489
8. Battery boxes	1750	2855	10463	15068	1731	2949	10552	15232	1665	2819	9885	14369
9. Dipped goods	36495	—	—	36495	38417	—	—	38417	38720	—	—	38720
10. Others	57279	18872	8508	84659	55927	19748	8556	84231	48342	22838	9747	81027
Total	820305	270830	78435	1169570	861455	297155	83165	1241775	871720	292950	86030	1250700



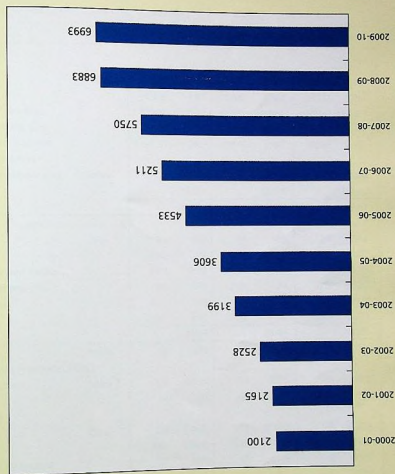
TABLE - 38

# VALUE OF RUBBER PRODUCTS EXPORTED (Rs. Crore)

Products	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09p	2009-10p
1. Automobile tyres and tubes including tyre retreading materials	1165.54	1242.04	1475.84	1752.69	2383.15	2832.31	3483.06	3584.93	3642.30
2. Beltings	108.34	139.40	223.62	259.95	271.59	247.73	209.96	335.18	369.20
3. Cycle tyres and tubes	207.21	267.33	292.83	217.12	229.26	272.67	202.96	400.48	349.80
4. Hoses	40.27	54.17	76.55	110.00	123.52	148.39	145.00	162.13	170.00
5. Hygienic, medical & surgical articles including gloves	149.00	211.90	220.43	206.10	262.17	261.28	263.79	590.55	425.50
6. Rubber footwear with canvas upper	124.41	131.49	317.06	331.50	242.88	220.34	184.81	200.22	203.88
7. Rubber coats & aprons for textile industry	15.85	21.15	23.81	31.97	23.69	45.81	20.67	17.89	21.50
8. Rubber sheetings	58.79	94.57	132.29	166.11	233.66	318.37	352.38	404.56	460.00
9. Others	295.59	366.26	436.64	530.79	763.23	863.62	887.44	1186.95	1351.20
Total	2165.00	2528.31	3199.07	3606.23	4533.15	5210.52	5750.07	6882.89	6993.38

Source : CAPEXIL, Kolkata and Council for Leather Exports, Chennai.

Chart 13  
VALUE OF RUBBER PRODUCTS EXPORTED  
(Rs. Crore)



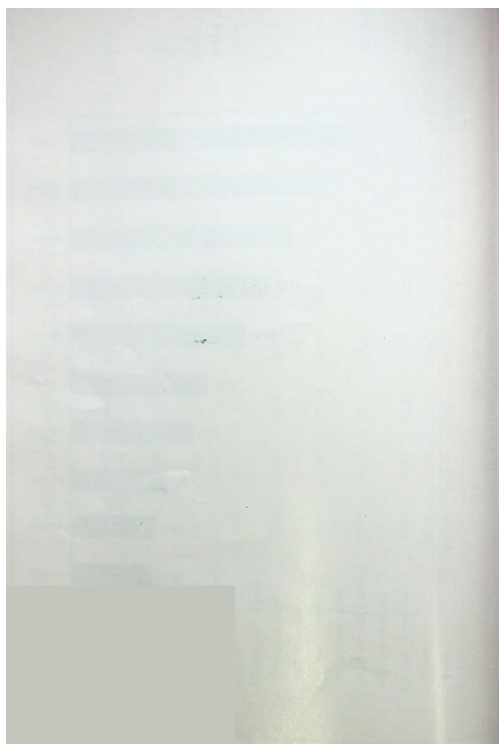


TABLE - 39

# **QUANTITY AND VALUE OF RUBBER PRODUCTS IMPORTED** (Value in '000 Rs)

Products	Unit	2003-04		2004-05		2005-06	
		Quantity	Value	Quantity	Value	Quantity	Value
<b>1. TYRES</b>							
Aircraft	Nos.	2561	52914	4108	93690	6874	211197
Cycle	"	42495	4167	230344	20959	135753	8761
Motor car, Truck & Bus	"	533633	635181	990531	1415319	1200847	1822611
Tractor and other OTR	"	21532	34993	18124	43395	10262	123786
Motor cycles & Scooters	"	146728	102065	109516	60682	193368	107495
Solid/Cushion tyres							
Interchangeable tyre treads	Tonnes	72	20074	15	4028	32	14459
Others			574551		406578		704302
<b>Total</b>			<b>1423945</b>		<b>2044651</b>		<b>2992611</b>
<b>2. TUBES</b>							
Aircraft	Nos.	404	1076	154	930	265	2413
Cycle	"	15140	309	8372	1706	87737	1423
Motor car, Truck and Bus	"	8379	14182	37280	19882	33649	18088
Tractor and other OTR	"	987	666	2180	4674	3156	10937
Motor cycle	"	6162	1155	1821	259	9934	2494
Others	"	21007	4137	60247	11993	83451	10672
<b>Total</b>			<b>21525</b>		<b>39444</b>		<b>46027</b>
<b>3. FLAPS</b>	Tonnes	45	10593	314	51346	105	33375
<b>4. HYGIENIC &amp; PHARMACEUTICALS</b>							
Contraceptives	Tonnes	278	126909	100	46725	301	123425
Others	"	56	27586	168	54456	168	89834
<b>5. BELTING</b>							
Conveyor	Tonnes	559	254561	1010	337393	956	409925
Others	"	1008	529498	1266	777786	2136	972803
<b>6. LATEX FOAM SPONGE</b>	"	122	8219	42	4788	96	17586
<b>7. EBONITE</b>	"	276	11249	220	11892	1680	22012
<b>8. VULCANISED RUBBER</b>							
THREAD & CORD	"	1147	102144	1439	139564	1327	113438
<b>9. OTHER ARTICLES OF RUBBER</b>			6742863		7783956		9055572
<b>Grand Total</b>			<b>9259094</b>		<b>11291981</b>		<b>13876608</b>

TABLE-39(Contn.)

Products	Unit	2006-07		2007-08		2008-09p	
		Quantity	Value	Quantity	Value	Quantity	Value
<b>1. TYRES</b>							
Aircraft	Nos.	14005	349986	17655	546252	18844	593888
Bicycles	-	185014	17358	148237	16278	215335	19130
Motor car, Truck & Bus	-	2375008	4796434	2954782	7044976	3884903	8503201
Tractor and other OTR	-	45246	293947	45884	261303	35851	639813
Motor cycles & Scooters	-	103896	59577	172556	97594	43201	38330
Solid/Cushion tyres							
Interchangeable tyre treads	Tonnes	16	7925	30	11841	28	13605
Others			1009303		2329090		2475184
<b>Total</b>			<b>6534530</b>		<b>10307334</b>		<b>12283262</b>
<b>2. TUBES</b>							
Aircraft	Nos.	52	188	394	961	582	2866
Bicycles	-	88530	4469	110323	2049	64998	4525
Motor car, Truck and Bus	-	91460	42964	176282	64621	168144	70055
Tractor and other OTR	-	8808	7406	1641	2925	82660	3211
Motor cycle	-	69127	5241	131607	5442	135946	10570
Others	-	9176	10345	58277	8740	10638	8809
<b>Total</b>			<b>70613</b>		<b>84738</b>		<b>100837</b>
<b>3. FLAPS</b>	Tonnes	190	31635	137	46013	150	38400
<b>4. HYGIENIC &amp; PHARMACEUTICALS</b>							
Contraceptives	Tonnes	271	105546	430	138720	3665	107902
Others	-	236	98991	919	186593	382	156249
<b>5. BELTING</b>							
Conveyor	-	5161	1192447	1425	693801	2147	838247
Others	-	2598	1251972	3820	1527796	3621	1607312
<b>6. LATEX FOAM SPONGE</b>	-	52	8998	89	15645	86	18705
<b>7. EBONITE</b>	-	1442	31395	1506	30590	637	35273
<b>8. VULCANISED RUBBER</b>							
THREAD & CORD	-	2146	170222	2610	196137	2472	243997
<b>9. OTHER ARTICLES OF RUBBER</b>			11551515		13832748		17647562
<b>Grand Total</b>			<b>21047864</b>		<b>27060115</b>		<b>33076945</b>

Source: "Monthly Statistics of Foreign Trade of India (Annual number)", Published by DGCI&S, Kolkata.

TABLE - 40

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

State/Territory	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Kerala	9290	8417	8620	8737	9051	9224	8930	8779	8559	8515
Tamil Nadu	213	192	195	195	200	211	203	212	233	245
Tripura	120	105	113	119	130	149	165	185	197	217
Karnataka	118	106	115	118	126	119	117	117	121	118
Punjab*	176	153	157	156	147	137	130	124	119	124
Delhi	144	126	120	112	117	117	111	112	113	110
Maharashtra	90	93	95	105	92	89	80	86	85	80
West Bengal	86	75	76	71	75	75	72	72	66	75
Uttar Pradesh	83	72	67	65	67	68	63	63	66	71
Haryana	42	39	38	42	42	46	42	46	53	58
Gujarat	36	36	42	40	41	41	41	38	34	35
Assam	26	23	24	24	28	35	33	29	34	31
Rajasthan	18	19	22	21	23	20	20	20	24	22
Meghalaya	13	12	14	15	14	11	9	14	14	13
Andhra Pradesh	3	4	6	6	7	9	6	7	6	6
Jharkhand**					3	5	4	5	5	5
Uttarakhand	2	3	3	4	3	3	1	1	1	1
Pondicherry	5	5	4	3	2	3	4	6	7	7
Madhya Pradesh	1	1	2	3	3	2	2	1	1	1
Nagaland	6	5	4	3	1	1	1	0	0	0
Bihar	1	2	1	2	1	1	0	0	0	0
Goa Daman & Diu	7	3	3	1	1	1	4	4	4	4
Andaman & Nicobar	1	1	1	0	1	1	1	1	2	2
Orissa	1	0	0	0	0	0	0	0	0	1
Others*	10481	9462	9722	9842	10175	10373	10044	9927	9749	9741
Grand Total										

\*. Including Chandigarh, \*\*. Upto 2003-04 included in Bihar, @. including Chattisgarh, #. includes Jammu & Kashmir and Arunachal Pradesh.

TABLE -41

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

District	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Thiruvananthapuram	758	768	796	864	909	904	885	888	898
Kollam	1062	1134	1256	1349	1411	1405	1412	1435	1377
Pathanamthitta	1022	1069	1081	1132	1197	1168	1149	1115	1091
Alappuzha	132	151	168	210	217	226	211	210	198
Kottayam	2308	2304	2205	2206	2202	2076	2014	1877	1856
Idukki	418	409	394	391	379	354	343	331	327
Ernakulam	1124	1105	1093	1112	1108	1026	985	951	961
Thrissur	159	163	167	175	175	163	161	154	147
Palakkad	315	350	368	392	410	433	429	419	438
Malappuram	385	408	431	435	442	430	429	416	424
Kozhikode	188	191	190	182	171	160	159	146	154
Wynad	59	57	57	58	56	60	62	66	63
Kannur	395	423	445	464	460	431	437	439	457
Kasaragod	92	88	86	81	87	94	103	112	124
Total	8417	8620	8737	9051	9224	8930	8779	8559	8515

TABLE - 42

# AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS

Year	Numbers	Year	Numbers
1976	162661	1993	310800
1977	168475	1994	315900
1978	176925	1995	322300
1979	184320	1996	328900
1980	192578	1997	335450
1981	199775	1998	341320
1982	206790	1999	345200
1983	212613	2000	347700
1984	220434	2001	348700
1985	227780	2002	354300
1986	235351	2003	372770
1987	244477	2004	380320
1988	257742	2005	388050
1989	271601	2006	397000
1990	282674	2007	420000
1991	293108	2008p	433000
1992	304618	2009p	445000

Source: Ministry of Food and Agriculture (Govt. of India),  
Govt. of Kerala and Rubber Board.



TABLE - 43

# COLLECTION OF EXCISE DUTY AND MISCELLANEOUS RECEIPTS OF THE RUBBER BOARD

(Million Rs.)

Year	Excise Duty on Rubber Collected	Sale of rubber from experiment stations	Sale of planting materials from nurseries	Others*	Total
1993-94	198.18	8.40	3.41	14.01	224.00
1994-95	262.34	9.22	5.28	65.26	342.10
1995-96	435.77	10.74	6.74	87.00	540.25
1996-97	469.97	6.50	7.36	99.10	582.93
1997-98	482.03	5.74	8.04	113.50	609.31
1998-99	500.47	5.29	6.72	114.50	626.98
1999-00	755.63	12.30	6.70	126.63	901.26
2000-01	821.91	7.38	5.93	133.56	968.78
2001-02	811.37	7.81	5.27	66.20	890.65
2002-03	820.49	13.41	6.56	123.65	964.11
2003-04	850.07	18.54	6.51	83.52	958.64
2004-05	957.52	18.93	7.27	65.82	1049.54
2005-06	962.58	28.18	9.05	130.04	1129.85
2006-07	1012.20	37.14	9.81	129.40	1188.55
2007-08	975.50	38.52	12.75	133.54	1160.31
2008-09p	1039.06	41.15	13.28	198.78	1292.27
2009-10p	1001.80	19.44	13.36	149.97	1184.57

\* : Figures from 1994-95 include recovery of the cost of plantation inputs distributed through RPSs.

TABLE - 44

# **SCHEME-WISE EXPENDITURE OF THE RUBBER BOARD** ( Rs.Crore)

Scheme	X Plan		XI Plan			
	Total Outlay	Expenditure	Total Outlay	Expenditure		
				2007-08	2008-09	2009-10
Rubber Plantation Development	132.73	150.89	240.00	39.17	57.74	68.08
Research	47.75	45.70	60.00	11.97	18.05	15.48
Processing, Quality Upgradation & Product Diversification	57.65	55.98	44.00	7.87	5.56	3.40
Export Promotion of Rubber	63.77	63.47	42.00*	6.71*	6.12*	5.81*
Market Development	13.50	17.58				
Human Resource Development	15.60	25.33	44.00	8.01	9.73	9.05
Rubber Development in NE region	84.00	78.01	150.00	20.12	23.92	31.26
<b>Total</b>	<b>415.00</b>	<b>436.96</b>	<b>580.00</b>	<b>93.85</b>	<b>121.12</b>	<b>133.08</b>

\* : Market Development and export promotion of rubber.

TABLE - 47

# INDEX NUMBERS OF AGRICULTURAL PRODUCTION (Base: Triennium ending 1981-82=100)

Year	Rubber	Tea	Coffee	Plantation Crops	Rice	Wheat	Food Grains	Non-food Grains	All Crops
1994-95	311.5	134.4	129.6	163.6	164.5	186.8	155.9	180.9	165.2
1995-96	334.6	139.1	160.5	176.5	154.8	176.4	146.1	185.4	160.7
1996-97	362.7	144.5	148.2	182.4	164.4	197.0	160.9	200.9	175.7
1997-98	385.4	144.5	148.2	186.2	166.0	188.5	155.7	181.6	165.3
1998-99	399.4	144.5	148.2	188.6	173.0	202.5	165.2	199.4	177.9
1999-00	410.8	149.0	210.1	205.3	180.3	217.0	169.7	189.0	176.9
2000-01	416.2	151.3	216.8	209.0	170.9	198.0	158.4	178.2	165.7
2001-02	416.8	151.1	216.3	208.9	187.7	206.7	172.5	189.5	178.8
2002-03	428.7	151.1	216.3	208.9	144.4	186.8	140.4	166.4	150.1
2003-04	469.8	156.6	192.3	216.8	178.0	205.0	172.0	201.5	182.9
2004-05	494.9	159.2	206.2	225.4	167.2	195.0	159.9	206.7	177.3
2005-06	529.9	168.7	200.8	236.3	184.6	197.0	169.2	230.3	191.9
2006-07	563.0	175.1	186.2	243.3	187.7	215.4	175.9	242.9	200.7
2007-08	544.9	168.4	186.2	238.9	194.4	223.2	186.8	247.3	207.1
2008-09	570.7	168.4	186.2	238.9	199.4	229.2	189.8	220.7	192.8
2009-10p	548.9	168.4	186.2	238.9	179.2	229.3	176.6	206.2	179.9

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation and Rubber Board.

Chart 14  
MOVEMENT OF PRODUCTION INDICES  
(BASE 1981-82=100)

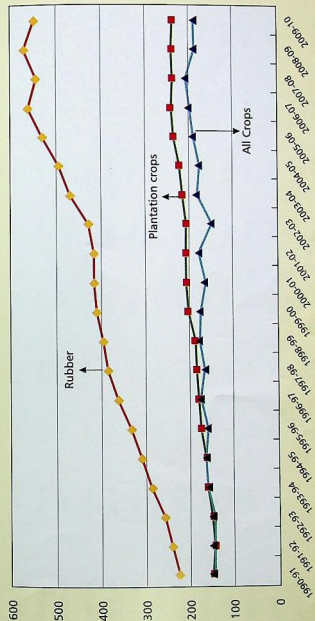




TABLE - 48

# INDEX NUMBERS OF PRODUCTIVITY (Base: Triennium ending 1981-82 = 100)

Year	Rubber	Tea	Coffee	Plantation Crops	Rice	Wheat	Food Grains	Non-food Grains	All Crops
1994-95	174.8	121.0	92.4	127.6	154.0	161.3	150.4	138.9	145.5
1995-96	182.6	122.4	114.4	136.1	144.8	156.5	143.1	135.8	139.9
1996-97	192.9	127.0	101.9	137.5	151.7	168.9	154.5	143.8	149.8
1997-98	198.8	127.0	101.2	139.2	153.1	156.7	148.4	132.3	141.4
1998-99	200.6	125.8	121.1	129.4	154.8	163.3	154.0	141.3	148.4
1999-00	202.3	115.3	129.1	138.4	160.0	175.2	159.8	136.4	149.6
2000-01	202.3	113.3	130.7	137.3	153.2	170.7	152.8	133.2	144.4
2001-02	202.3	112.7	129.5	136.7	167.5	174.1	164.1	139.1	153.3
2002-03	204.4	112.7	129.5	136.7	140.6	164.5	143.2	124.7	135.0
2003-04	213.5	114.5	125.6	140.5	167.5	171.0	165.3	151.2	159.2
2004-05	218.9	116.0	134.7	144.6	159.9	164.0	156.5	147.9	152.5
2005-06	230.6	115.3	124.4	137.9	169.4	165.1	176.7	163.5	180.6
2006-07	241.2	117.1	114.7	139.7	171.7	170.7	180.4	169.9	185.8
2007-08	230.9	112.7	114.7	137.2	177.4	176.7	191.1	170.9	190.6
2008-09	239.7	112.7	114.7	137.2	175.9	183.3	196.1	149.4	177.6
2009-10p	229.0	112.7	114.7	137.2	171.6	178.4	184.7	142.9	168.3

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation and Rubber Board

TABLE - 49

# GROSS DOMESTIC PRODUCT AND CONSUMER PRICE INDEX

Year	Gross Domestic Product at factor cost (Rs.Crore)	Annual growth rate (%)	Year	All India Consumer Price Index* (Base 1986-87=100)
At 1999-2000 prices			1986-87	97
1986-87	850217	4.3	1987-88	107
1987-88	880267	3.5	1988-89	120
1988-89	969702	10.2	1989-90	127
1989-90	1029178	6.1	1990-91	136
1990-91	1083572	5.3	1991-92	163
1991-92	1099072	1.4	1992-93	183
1992-93	1158025	5.4	1993-94	189
1993-94	1223816	5.7	1994-95	212
1994-95	1302076	6.4	1995-96	237
1995-96	1396974	7.3	1996-97	256
1996-97	1508378	8.0	1997-98	264
1997-98	1573263	4.3	1998-99	293
1998-99	1678410	6.7	1999-00	306
1999-00	1786526	6.4	2000-01	305
2000-01	1864301	4.4	2001-02	309
2001-02	1972606	5.8	2002-03	319
2002-03	2048286	3.8	2003-04	331
2003-04	2222758	8.5	2004-05	340
New Series at 2004-05 prices			2005-06	353
2004-05	2967599	7.5	2006-07	380
2005-06	3249130	9.5	2007-08	409
2006-07	3564627	9.7	2008-09p	450
2007-08	3893457	9.2	2009-10p	NA
2008-09p	4154973	6.7	NA: Not Available.	
2009-10p	4453064	7.2	*: For Agricultural Labourers.	

Source: Economic Survey, Govt. of India.

TABLE - 50

## INDEX NUMBERS OF WHOLESALE PRICES OF SELECTED COMMODITIES

(Base: 1993-94=100)

Commodities	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09p	2009-10p
<b>All Commodities</b>	155.7	161.3	166.8	175.9	187.3	195.6	206.2	215.7	233.9	242.9
Food - grains	173.8	172.4	174.3	176.3	177.5	187.0	206.0	215.5	234.1	270.6
Fruits & Vegetables	160.0	188.9	190.2	195.6	204.2	218.9	228.2	236.2	255.5	287.2
Condiments & Spices	202.5	188.1	194.0	205.0	188.1	176.6	228.2	239.6	267.7	319.8
Oil seeds	129.3	137.6	160.2	177.8	180.8	187.1	175.7	217.7	245.9	254.9
Minerals	113.5	119.3	118.8	121.6	255.1	322.8	413.6	460.4	631.6	608.4
Electricity	200.0	224.8	238.0	248.8	253.0	263.4	271.7	273.0	275.9	277.7
Edible Oils	103.3	112.9	138.0	157.9	156.4	146.0	154.6	175.1	188.1	176.8
Tea & Coffee processing	189.1	177.2	143.7	177.2	185.6	196.8	179.1	193.8	201.0	225.6
Textiles	119.9	119.3	122.2	131.6	135.7	129.5	132.3	130.9	138.8	147.5
Leather & Leather Products	149.6	141.0	130.1	146.9	155.7	166.8	159.5	166.1	187.9	165.9
<b>Natural Rubber</b>	<b>118.2</b>	<b>125.7</b>	<b>152.5</b>	<b>196.2</b>	<b>216.9</b>	<b>260.8</b>	<b>358.3</b>	<b>353.6</b>	<b>393.6</b>	<b>447.6</b>
Rubber & Plastic Products	125.5	126.0	132.6	135.0	134.5	139.1	148.2	158.9	166.3	170.2
Tyres & Tubes	130.7	127.2	132.0	130.0	128.5	131.2	141.5	156.7	167.1	177.1
Plastic Products	112.1	117.9	125.7	132.2	135.0	139.0	146.7	154.2	158.7	153.7
Other Rubber & Plastic Products	161.0	163.7	177.0	189.6	178.7	201.5	206.8	203.0	202.8	209.3
Chemicals & Chemical Products	164.4	169.0	173.9	177.2	181.7	188.2	193.9	204.6	219.5	229.1
Fertilisers & Pesticides	153.8	157.7	163.9	164.7	166.3	171.6	171.6	173.3	188.3	186.6
Motor Vehicles	146.1	149.2	149.4	149.9	157.4	162.7	165.3	169.6	178.2	178.3

Source: "Index number of wholesale prices in India", Published by the Office of Economic Advisor, Ministry of Commerce &amp; Industry, Govt. of India.



# WORLD RUBBER STATISTICS

TABLE - 51

## AREA UNDER RUBBER IN MAIN PRODUCING COUNTRIES (In Thousand Hectares)

Country	End of	Holdings	Estates	Total
Indonesia	2009	NA	NA	3435
Thailand	2009	NA	NA	2756
Malaysia	2009	1177	60	1237
China	2008	NA	NA	932
India	2009	620	67	687
Vietnam	2009	325	349	674
Myanmar	2006	NA	NA	295
Nigeria	2009	112	61	173
Brazil	2009	NA	NA	159
Cote d'Ivoire	2009	112	50	162
Sri Lanka	2009	NA	NA	124
Liberia	1999	49	60	109
Philippines	2008	NA	NA	123
Cameroon	2005	4	36	40
D.R. of Congo	1999	10	25	35

Note : Estate area refers to holdings of 40 ha. and over except for India where it refers to holdings of over 20 ha.

NA : Not available.

Source : Rubber Statistical Bulletin of the International Rubber Study Group.

Chart 15  
SHARE OF INDIA IN WORLD PRODUCTION OF NR 2009

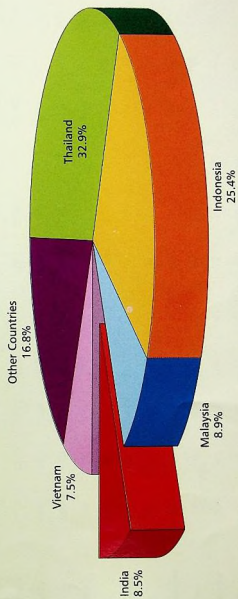




TABLE-52

# PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES (In Thousand Tonnes)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008p	2009p
Thailand	2076	2155	2346	2320	2615	2876	2984	2837	3137	3056	3090	3164
Indonesia	1714	1599	1501	1607	1630	1792	2066	2271	2637	2755	2751	2440
Malaysia	886	769	928	882	890	986	1169	1126	1284	1200	1072	856
India	591	620	629	632	641	708	743	772	853	811	881	820
Vietnam	218	262	291	313	331	364	419	482	555	606	660	724
China	450	460	445	478	527	565	573	510	533	590	560	637
Sri Lanka	96	97	88	86	91	92	95	104	109	118	129	137
Brazil	70	87	88	88	89	94	101	107	108	116	123	104
Philippines	68	65	67	71	76	84	80	79	75	93	95	87
Liberia	75	100	105	107	109	107	115	111	101	106	81	77
Cambodia	39	46	42	42	43	32	34	30	32	33	37	45
Nigeria	65	58	55	45	42	38	45	40	41	42	49	45
Others*	472	552	179	581	253	282	322	335	326	275	508	481
World	6620	6870	6764	7252	7337	8020	8746	8904	9791	9801	10036	9617

Italics: estimated, \*: countries not reported separately.

Source: "Rubber Statistical Bulletin" of the International Rubber Study Group.

TABLE-53

# CONSUMPTION OF NATURAL RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Tonnes)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008p	2009p
China	839	852	1080	1330	1395	1538	2000	2266	2743	2812	2940	3460
U.S.A.	1157	1116	1195	974	1111	1079	1144	1159	1003	1018	1041	687
India	580	619	638	631	680	717	745	789	815	851	881	905
Japan	707	734	752	729	749	784	815	857	874	887	878	636
Malaysia	334	344	364	401	408	421	403	387	383	450	469	470
Indonesia	97	116	139	142	145	156	196	221	355	391	414	422
Thailand	186	227	243	253	278	289	319	335	321	374	398	399
Rep. of Korea	283	333	332	332	326	333	352	370	364	377	358	330
Brazil	185	184	227	216	233	256	285	302	294	345	357	254
Germany	247	226	250	246	247	258	242	259	269	282	247	171
France	223	240	270	282	226	218	230	230	220	220	200	109
Spain	157	153	163	176	181	188	192	186	189	195	178	124
Canada	148	140	148	131	155	146	146	156	145	138	138	103
Italy	146	134	139	137	134	138	151	154	148	144	134	90
Taiwan	97	105	92	90	107	115	120	114	100	115	97	90
U.K.	139	127	123	98	76	91	86	82	68	91	77	43
Russian Fed.	6	15	36	36	19	32	29	34	41	42	39	25
Others*	1029	975	1122	1129	1084	1183	1263	1299	1345	1412	1327	1072
World	6560	6640	7313	7333	7554	7952	8718	9200	9677	10144	10173	9390

Italics : estimated, \* : countries not reported separately.

Source : "Rubber Statistical Bulletin" of the International Rubber Study Group.

Chart 16  
SHARE OF INDIA IN WORLD CONSUMPTION OF NR 2009

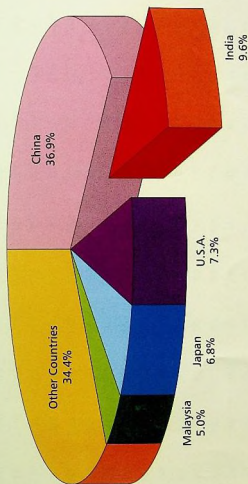




TABLE - 54

# COUNTRY-WISE IMPORT OF NATURAL RUBBER

(In Thousand Tonnes)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008p	2009p
China	411	402	820	943	915	1150	1206	1445	1885	1889	1948	2463
U.S.A	1177	1116	1192	972	1126	1120	1156	1170	1012	1029	1052	705
Japan	678	755	802	713	772	792	801	849	886	850	849	596
Rep.of Korea	282	332	331	330	326	342	352	371	365	378	359	332
Germany	247	226	250	245	266	283	270	282	296	330	282	230
Brazil	115	98	139	128	144	162	184	195	179	221	235	152
France	223	240	270	282	254	236	244	246	236	243	223	137
Spain	159	161	171	184	186	191	194	193	195	203	185	130
Canada	148	141	150	132	155	148	152	160	150	144	143	106
Italy	148	131	136	135	146	149	159	159	162	160	145	95
Turkey	84	69	86	79	95	109	120	130	133	145	138	106
Taiwan	97	105	92	90	106	115	120	115	102	116	99	90
U.K.	139	127	123	98	94	99	100	96	80	103	90	53
India	29	20	11	35	26	46	63	62	50	113	81	160
Mexico	82	82	90	67	67	74	76	79	75	72	70	59
Argentina	42	22	27	23	26	34	36	41	41	39	34	34
Others*	656	620	752	823	671	723	898	933	968	1017	995	862
World	4717	4647	5442	5279	5375	5773	6131	6526	6835	7052	6928	6310

\* : countries not reported separately.

Source : "Rubber Statistical Bulletin" of the International Rubber Study Group.



TABLE - 55

# COUNTRY-WISE EXPORT OF NATURAL RUBBER

(In Thousand Tonnes)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008p	2009p
<b>Thailand</b>	1839	1886	2166	2042	2354	2574	2637	2632	2772	2704	2675	2728
<b>Indonesia</b>	1641	1495	1380	1497	1502	1661	1875	2025	2287	2407	2296	1981
<b>Malaysia</b>	425	436	430	345	887	947	1106	1128	1131	1018	917	704
<b>Vietnam</b>	191	218	254	270	455	432	513	554	704	716	659	731
<b>Liberia</b>	75	100	105	107	109	107	115	111	101	106	81	77
<b>India</b>	2	3	13	4	44	63	72	60	71	30	77	16
<b>Cambodia</b>	33	39	39	38	40	36	32	28	25	25	15	36
<b>Sri Lanka</b>	41	43	33	32	36	35	40	32	46	50	46	54
<b>Nigeria</b>	47	38	36	30	24	22	29	25	24	25	26	32

Italics : estimated.

Source : "Rubber Statistical Bulletin" of the International Rubber Study Group.

TABLE - 56

# PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES (In Thousand Tonnes)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007p	2008p	2009p
U.S.A.	2600	2354	2397	2062	2164	2270	2325	2366	2606	2697	2314	1962
China	589	754	836	1052	1133	1272	1478	1632	1845	2215	2325	2856
Japan	1520	1577	1592	1466	1522	1577	1616	1627	1807	1655	1651	1303
Russian Federation	621	737	837	919	919	1070	1116	1146	1219	1210	1173	971
Rep. of Korea	547	655	678	663	695	710	720	770	848	1010	970	1149
Germany	619	720	849	828	869	888	905	855	865	803	791	655
France	606	592	669	672	681	718	776	655	664	655	566	465
Taiwan	472	495	465	480	523	529	545	575	600	600	552	520
Brazil	310	363	373	342	384	407	429	416	418	425	392	385
U.K.	252	283	286	333	337	327	351	344	305	318	302	248
Italy	290	279	285	274	250	244	235	233	235	235	220	200
Mexico	173	171	187	173	182	180	188	182	186	204	198	164
Netherlands	184	185	200	189	176	176	180	186	192	194	177	166
Poland	94	97	102	83	82	85	104	104	120	123	114	112
India	66	66	60	69	78	86	95	96	101	104	99	104
Canada	191	195	186	146	136	74	84	64	79	93	96	74
Belgium	95	100	104	104	104	104	108	108	107	107	94	104
Others*	651	717	713	629	652	624	706	743	656	740	709	649
<b>World</b>	<b>9880</b>	<b>10340</b>	<b>10819</b>	<b>10483</b>	<b>10877</b>	<b>11341</b>	<b>11961</b>	<b>12100</b>	<b>12653</b>	<b>13388</b>	<b>12743</b>	<b>12087</b>

Italics: estimated, \* : countries not reported separately.

Source : "Rubber Statistical Bulletin" of the International Rubber Study Group.

TABLE - 57

# CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES

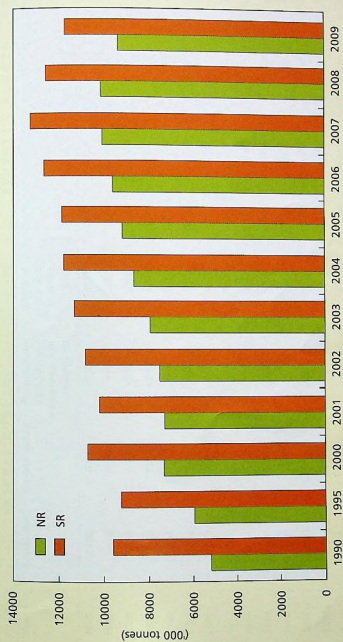
(In Thousand Tonnes)

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007p	2008p	2009p
<i>China</i>	1000	1285	1455	1575	1941	2193	2467	2597	3064	3587	3479	4266
<i>U.S.A</i>	2354	2218	2190	1840	1895	1926	1907	2002	2001	1929	1734	1448
<i>Japan</i>	1116	1133	1138	1085	1086	1111	1146	1156	1171	1162	1138	832
<i>Brazil</i>	300	309	357	334	344	352	431	405	425	477	481	445
<i>Germany</i>	582	565	632	613	612	615	625	635	635	599	586	450
<i>Russian Federation</i>	358	436	539	575	551	619	597	568	572	597	533	374
<i>Rep. of Korea</i>	277	394	382	373	365	352	349	344	364	347	329	278
<i>France</i>	451	434	482	465	468	493	420	355	311	316	316	237
<i>India</i>	155	164	171	172	192	203	223	233	264	290	294	321
<i>Spain</i>	229	242	269	262	285	294	303	254	262	258	259	182
<i>Italy</i>	275	287	291	275	261	251	255	242	252	255	238	170
<i>Taiwan</i>	272	263	262	232	262	290	294	280	303	282	212	175
<i>Canada</i>	238	239	233	228	228	225	232	226	216	200	164	158
<i>Mexico</i>	165	169	160	142	132	140	146	145	154	162	149	132
<i>U.K.</i>	177	189	188	167	210	204	214	222	201	169	149	133
<i>Others*</i>	1921	1873	2015	1915	2004	2080	2231	2236	2496	2634	2542	2153
<b>World</b>	<b>9870</b>	<b>10200</b>	<b>10764</b>	<b>10253</b>	<b>10877</b>	<b>11348</b>	<b>11840</b>	<b>11900</b>	<b>12691</b>	<b>13264</b>	<b>12603</b>	<b>11754</b>

Italics: estimated, \* : countries not reported separately.

Source: "Rubber Statistical Bulletin" of the International Rubber Study Group.

Chart 17  
WORLD CONSUMPTION OF NR AND SR



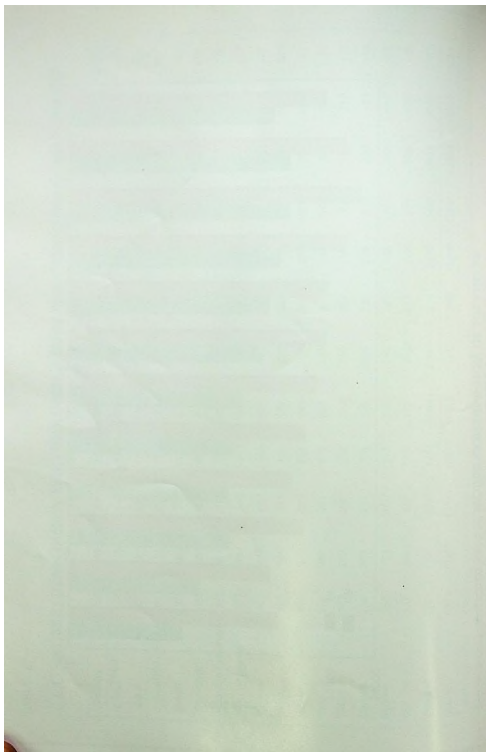




TABLE- 59

# ESTIMATED PERCAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER (Kilograms)

Country	1990	2000	2001	2002	2003	2004	2005	2006	2007	2008p	2009p
Japan	14.65	14.89	14.27	14.48	14.80	15.32	15.77	16.04	16.14	15.75	11.51
Germany	9.07	10.84	10.61	10.42	10.56	10.29	10.88	10.97	10.76	10.16	7.57
U.S.A.	10.52	11.84	9.88	10.46	10.22	10.37	10.50	9.42	9.86	9.04	6.95
Canada	10.12	12.46	11.52	12.24	11.61	11.65	11.88	11.15	10.24	8.88	7.73
France	9.34	13.42	12.61	11.76	13.22	10.84	9.64	8.71	8.79	7.94	5.32
Italy	7.63	7.39	7.11	6.80	6.82	6.96	6.55	6.86	6.80	6.20	4.31
Brazil	2.76	3.34	3.13	3.32	3.40	3.76	3.81	3.79	4.35	4.37	3.65
China	0.83	1.99	2.17	2.39	2.79	3.12	3.38	4.02	4.57	4.82	5.80
U.K.	6.24	5.45	4.59	4.75	5.00	4.97	4.81	4.43	4.26	3.63	2.86
Australia	5.39	4.91	3.75	3.50	3.68	3.68	3.42	3.38	3.29	3.14	2.15
India	0.55	0.81	0.79	0.83	0.86	0.91	0.93	0.99	0.99	1.01	1.05
World	2.82	2.99	2.84	2.95	3.07	3.18	3.20	3.28	3.52	3.36	3.12

Source: Up to 1995, 'Key Rubber Indicators' published by IRSG, London. From 1996 onwards, compiled by the Rubber Board.

TABLE -60

INTERNATIONAL PRICE OF DIFFERENT  
GRADES OF NATURAL RUBBER

(F.O.B.price)

(Rs. per 100 Kg. )

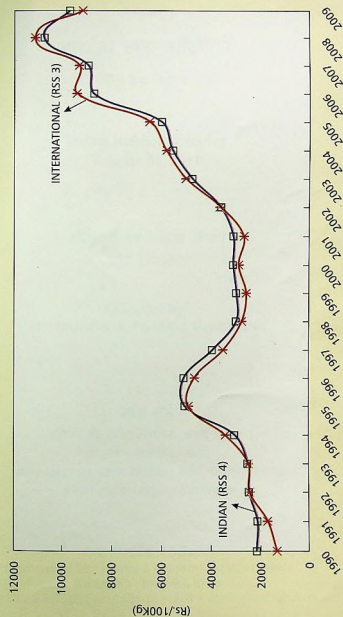
Month	RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
1997-98	3308	3227	3221	3094	3033	3250
1998-99	2961	2893	2885	2770	2716	2626
1999-2000	2790	2721	2704	2583	2525	2761
2000-01	3089	2976	2958	2831	2770	2798
2001-02	2880	2812	2793	2660	2597	2623
2002-03	4143	3934	3915	3779	3715	4055
2003-04	5408	5340	5278	5244	5193	4992
2004-05	5880	5813	5751	5717	5667	5490
2005-06	7558	7490	7432	7399	7350	6868
2006-07	9920	9846	9779	9742	9687	9041
2007-08	9812	9740	9675	9639	9585	9308
2008-09	10544	10441	10379	10328	10253	9972
2009-10	-	11121	11113	11005	10855	10582
1997	3764	3620	3614	3476	3409	3592
1998	2969	2890	2884	2774	2721	2742
1999	2744	2661	2644	2523	2466	2599
2000	3123	3025	3007	2882	2822	2897
2001	2842	2750	2732	2600	2537	2574
2002	3767	3716	3696	3561	3497	3672
2003	5231	5163	5101	5067	5017	4688
2004	5963	5895	5833	5799	5749	5557
2005	6699	6632	6573	6540	6491	6148
2006	9647	9575	9510	9474	9420	8862
2007	9587	9515	9449	9413	9359	8939
2008	11405	11327	11255	11216	11158	10862
2009	-	9331	9317	9215	9072	8823

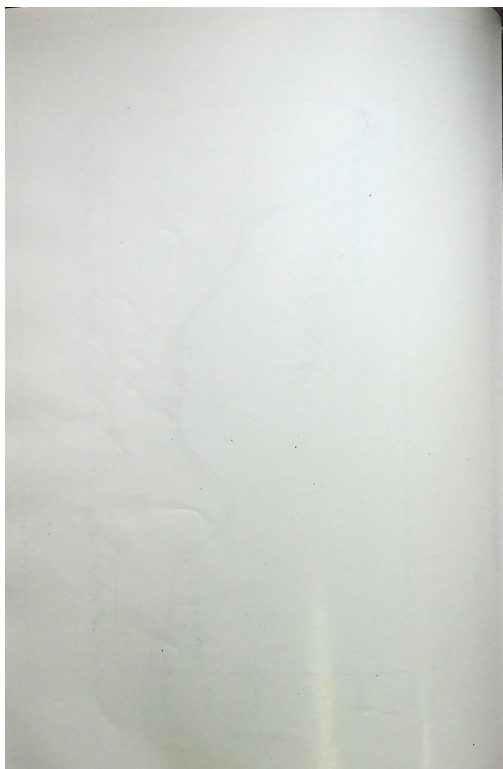
Note: Price of RSS grades upto 2002-03 is of Kuala Lumpur market and from 2003-04 onwards Bangkok market. SICOM prices from February 2009.





Chart 18  
PRICE OF NR IN INDIAN & INTERNATIONAL MARKETS







## भारतीय रबड़ सांख्यिकी

भाग 34, 2011

**Indian Rubber Statistics  
Volume 34, 2011**

सांख्यिकी एवं योजना विभाग  
द्वारा संकलित

Compiled by:  
The Statistics & Planning Department

### रबड़ बोर्ड

(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार)

कोट्टायम - 686 002, भारत

दूरभाष: 0481-2301231, 2574903 फैक्स: 0481-2571380

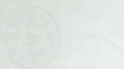
ई-मेल: [stat@rubberboard.org.in](mailto:stat@rubberboard.org.in)

### THE RUBBER BOARD

(Ministry of Commerce & Industry, Govt. of India)

Kottayam - 686 002, India

Tel: 0481-2301231, 2574903 Fax: 0481-2571380 E-mail: [stat@rubberboard.org.in](mailto:stat@rubberboard.org.in)



MINISTRY OF COMMERCE AND INDUSTRY

GOVERNMENT OF INDIA

Letter Number: 100/11  
Dated: 11.11.11

Subject: **REPLY TO THE MEMORANDUM**  
**OF THE MEMBER**

(Amendment)  
To the Securities & Planning Department

Page 111

(Subject to the order of the Board)

Page 111 of 111

For and on behalf of the Board

(Signature of the Member)

**THE MEMBER**

(Ministry of Commerce & Industry, Government of India)  
New Delhi - 110001

11.11.2011, 11:11 AM. 11.11.2011, 11:11 AM. 11.11.2011, 11:11 AM.

## ABOUT THE RUBBER BOARD

The Rubber Board was constituted by the Government of India as a body corporate under the Rubber Act 1947 with the primary objective of overall development of rubber industry in the country.

The functions of the Board as defined under the Act are: (1) It shall be the duty of the Board to promote by such measures as it thinks fit the development of the rubber industry; (2) Without prejudice to the generality of the foregoing provision, the measures referred to therein may provide for:- (a) undertaking, assisting or encouraging scientific, technological and economic research; (b) training students in improved methods of planting, cultivation, manuring and spraying; (c) the supply of technical advice to rubber growers; (d) improving the marketing of rubber; (e) the collection of statistics from owners of estates, dealers and manufacturers; (f) securing better working conditions and the provisions and improvement of amenities and incentives for workers; (g) carrying out any other duties which may be vested in the Board under the rules made under this Act.

It shall also be the duty of the Board – (a) to advise the Central Government on all matters relating to the development of the rubber industry, including the import and export of rubber; (b) to advise the Central Government with regard to participation in any international conference or scheme relating to rubber; (c) to submit to the Central Government and such other authorities as may be prescribed half yearly reports on its activities and the working of this Act; (d) to prepare and furnish such other reports relating to the rubber industry as may be required by the Central Government from time to time.

1889-1890

1889

The first of the year was a very dry one, and the crops were much injured by the drought. The weather was very hot, and the crops were much injured by the drought.

The second of the year was a very wet one, and the crops were much injured by the drought. The weather was very hot, and the crops were much injured by the drought. The third of the year was a very dry one, and the crops were much injured by the drought. The weather was very hot, and the crops were much injured by the drought.

The fourth of the year was a very wet one, and the crops were much injured by the drought. The weather was very hot, and the crops were much injured by the drought. The fifth of the year was a very dry one, and the crops were much injured by the drought. The weather was very hot, and the crops were much injured by the drought.



## PREFACE

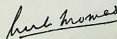
The Rubber Board has an internationally accepted, systematically built up database on all sectors of the natural rubber industry. This reliable and timely information on cropped area, production, consumption and storage etc., generated by the Statistics & Planning Department has helped the Rubber Board and other stakeholders in planning and policy making and also in taking right decisions on procurement, storage, import and export etc. It is appreciable to see that the Statistics & Planning Department is taking sincere efforts to keep the database updated through integrated surveys and other advanced measures. Recently Board conducted a designed sample survey covering the entire rubber-growing region in Kerala. The data is under compilation.

The Board publishes "*Indian Rubber Statistics*" every year with comprehensive and recent statistical data for the benefit of people associated with natural rubber industry. This publication compiled by the Statistics & Planning Department of the Board is the 34<sup>th</sup> in its series and contains data as on 31<sup>st</sup> March 2011. To facilitate quick reference, the Board is also publishing "*Pocket Book on Rubber Statistics*", a ready reckoner unique in its contents and presentation. Board also publishes a monthly newsletter "*Rubber Statistical News*" providing latest statistics on production, consumption, import, export, price and related factors on rubber.

Producers, traders and processors of natural, synthetic and reclaimed rubber, rubber goods manufacturers and various international organisations such as IRSG, ANRPC etc., Government Departments like CSO, DGC&S, and CAPEXIL etc. and related organisations such as ATMA, AIRIA etc. have provided data required for this publication. Their contributions are gratefully acknowledged.

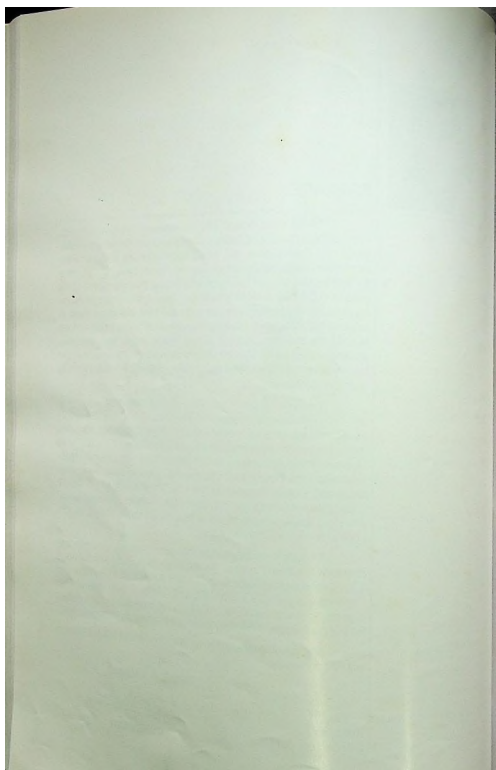
Any valuable suggestion for improvement of this publication will be appreciated.

SHEELA THOMAS, IAS

  
CHAIRMAN

Kottayam  
24<sup>th</sup> October 2011.





## IN RETROSPECT

### *Introduction*

India has been continuously holding the first position in productivity since 2006. The highest ever productivity achieved was 1879 kg/ha during 2006-07. Subsequently the productivity decreased due to climatic variations. The productivity during the year 2010-11 was 1806 kg/ha. This achievement is remarkable in view of the less favourable weather conditions prevailing in most of the rubber growing regions of the country. The hallmark of the Indian natural rubber sector is the predominance of small and marginal growers. Currently 90% of the area and 93% of the production of rubber are contributed by the smallholding sector comprising 1.19 million units. The average size of the rubber holding in the country is around 0.54 hectare.

### **Area, production and productivity of Natural Rubber (NR)**

Rubber is successfully grown in the states of Kerala, Tamil Nadu, Karnataka, Tripura, Assam, Meghalaya etc. However, Kerala alone accounts for 75% of the area occupied by the crop in the country. The area under rubber in the north-eastern region increased substantially in the recent years, with a share of 16% during the year 2010-11.

The area under rubber cultivation in India increased from 686,515 ha in 2009-10 to 712,000 ha (provisional) in 2010-11 registering a growth rate of 3.7%.

Continuation of subsidy schemes for new planting as well as replanting, efficiency at grass root level extension work, release of the new high yielding 400 series clones and favourable market for NR have contributed to area expansion.

India continued to be the 4<sup>th</sup> largest producer of NR in the world during the year 2010 with a share of 8.2% of the global output. Production of NR in the country, which was 831,400 tonnes in 2009-10, increased to 861,950 tonnes in 2010-11 with a growth of 3.7%. The productivity of NR in the country was 1775 kg/ha in 2009-10, which increased to 1806 kg/ha in 2010-11. The estimated production during 2011-12 is 902,000 tonnes.

### **Consumption of NR**

India was the 2<sup>nd</sup> largest consumer of NR in 2010 after China. Unlike NR production, which is characterized by a high degree of regional concentration, consumption of NR takes place in a rather disbursed manner throughout the country. The total consumption of NR in 2010-11 was 947,715 tonnes with a growth of 1.8% as against 930,565 tonnes during 2009-10. The auto tyre sector registered a growth of 3.7% as against 13.4% achieved during 2009-10. The general rubber goods sector recorded a negative growth of 1.2% during 2010-11 compared to a negative growth of 2.5% registered during the previous year. According to the Automotive Tyre Manufacturers Association, the average growth in tyre production during the year 2010-11 was 22% compared to 18% in 2009-10. Truck & bus tyre production registered a growth of only 3% during 2010-11 compared to 15% achieved during 2009-10. Production of tyres of passenger car segments recorded 31% growth in 2010-11 as against 21% attained during 2009-10. Export of tyres also increased by 22% even though truck & bus tyre exports declined by 2%.

The tyre & tube sector of the industry, including retreads and cycle tyres together, accounted for about 75% of consumption of NR during 2009-10. Auto tyres & tubes alone shared as much as 60% of the total consumption. Consumption of NR during the year 2011-12 is estimated at 977,000 tonnes with a growth of 3.1%.

### **Production and consumption of Synthetic Rubber (SR)**

Synthetic rubber production increased to 110,340 tonnes during 2010-11 from 106,743 tonnes during 2009-10, registering a growth of 3.4% as against a growth of 10.3% during 2009-10. The share of poly-butadiene rubber was 69% during 2010-11.

SR consumption significantly increased to 411,830 tonnes during 2010-11 registering a growth of 18.4% as against 347,710 tonnes consumed during 2009-10. The automotive tyre sector consumed 298,414 tonnes of SR during 2010-11 as against 238,153 tonnes during 2009-10, recording a notable growth of 25.3%. The relative share of SR in total elastomer consumption in India has been steadily increasing in recent years and had reached 30% during 2010-11 from 27% during 2009-10.

Details of consumption of NR and SR during 2010-11 and 2009-10 are summarized in Table 1

**Table 1**

**CONSUMPTION OF NR AND SR**

	2010-11	2009-10	Growth (%)
	(Tonnes)		
<b>Natural Rubber</b>			
Auto tyres & tubes	597623	576210	3.7
General rubber goods	350092	354355	-1.2
<b>Total NR</b>	<b>947715</b>	<b>930565</b>	<b>1.8</b>
<b>Synthetic Rubber</b>			
Auto tyres & tubes	298414	238153	25.3
General rubber goods	113416	109557	3.5
<b>Total SR</b>	<b>411830</b>	<b>347710</b>	<b>18.4</b>
<b>NR &amp; SR</b>			
Auto tyres & tubes	896037	814363	10.0
General rubber goods	463508	463912	-0.1
<b>Total NR &amp; SR</b>	<b>1359545</b>	<b>1278275</b>	<b>6.4</b>

Import of SR by the rubber goods manufacturing industry during 2010-11 increased to 302,030 tonnes compared to 250,210 tonnes during 2009-10.

**Import and Export of Natural Rubber**

As per the import figures collected from various ports up to 31<sup>st</sup> March 2011 the country imported 188,337 tonnes during 2010-11. The total import of NR was 177,130 tonnes during 2009-10 as per the statistics published by the Directorate General of Commercial Intelligence & Statistics (DGCI&S). A major portion of the import took place in the first half of 2010-11. From October '10 onwards, as a result of increase in the international price, import got softened. The value of NR imported during the year 2010-11 was Rs 2906.79 crore (US\$ 637.9 million) as against Rs1602.15 crore (US\$ 337.3 million) in 2009-10. Almost 61% of the import was through the Duty Entitlement Exemption Certificate scheme. It is noticed that 28% of the import was through open channel during the year 2010-11 as against 15% during 2009-10.

The Department of Revenue, vide Notification No. 128/2010-Customs dated 22<sup>nd</sup> December 2010, made amendments to import duty on NR by allowing Tariff Rate Quota (TRQ) import of 40,000 tonnes of dry forms of NR at 7.5 % duty before 31-3-2011. The normal import duty for dry forms of NR is 20% or Rs.20/kg, whichever is lower. Norms of TRQ import were fixed in consultation with the Rubber Board. Subsequently, the Directorate General of Foreign Trade allotted 40,000 tonnes of import on the basis of consumption of NR in 2009-10 to 31 applicants. Despite 40,000 tonnes allowed for import by the Government, actual import of NR under TRQ was only 3360 tonnes up to 31<sup>st</sup> March 2011.

Exporters of NR have utilized the advantage of price differential between domestic and international markets during the initial and terminal months and exported 29,851 tonnes of NR during 2010-11 compared to 25,090 tonnes during the previous year. The foreign exchange earnings from export of NR during the year 2010-11 was Rs 552.2 crore (US\$ 121.18 million) as against Rs 250.60 crore (US\$ 52.76 million) during 2009-10. Branding of Indian NR for export got initiated in February 2011.

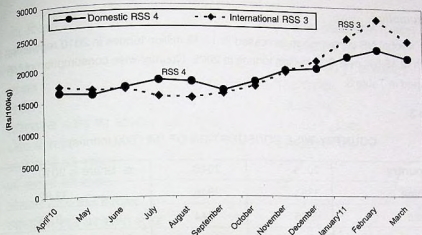
The stock of NR in the country at the end of March 2011 was 288,300 tonnes as against 253,975 tonnes at the end of 2009-10.

#### **Price of Natural Rubber**

During the year 2010-11, natural rubber prices in the domestic and international markets have been ruling high. Domestic RSS 4 price peaked at Rs 24050/- per 100 kg on 18.2.2011 and international price of RSS 3 peaked at Rs 29298/- per 100 kg on 21.2.2011. Annual average price of domestic RSS 4 for the year 2010-11 was Rs 19,003/- (US\$ 417.01) per 100 kg compared to Rs 11,498/- (US\$ 242.06) per 100 kg in 2009-10. The corresponding international RSS 3 prices were Rs 19,555/- (US\$ 429.12) per 100 kg and Rs. 11,113/- (US\$ 233.96) per 100 kg, respectively. Domestic RSS 4 price was ruling above the international RSS 3 price except for the initial two months and terminal four months of 2010-11. The surge in prices was predominantly due to tight supply, increased demand, rise in crude oil price, climatic factors, currency movements, futures market movements etc. There was a sudden slump in rubber prices in the domestic and international markets towards mid-March 2011 immediately after the earthquakes in Japan and recovered soon as the fundamentals were very strong.

Monthly average price of NR during the year 2010-11 of the comparable grades RSS 4 and RSS 3 in the domestic and international markets respectively are presented in the following chart.

# PRICE OF NATURAL RUBBER 2010-11



## World rubber situation – 2010

### Production

According to the International Rubber Study Group (IRSG), Singapore, the world NR production increased by 7.3% to 10.4 million tonnes in 2010 from 9.7 million tonnes in 2009.

Country-wise production of NR is furnished in Table 2.

Table 2

### COUNTRY-WISE PRODUCTION OF NR ('000 tonnes)

Country	2009	2010	% Share in 2010
Thailand	3164	3252	31.27
Indonesia	2440	2736	26.30
Malaysia	856	939	9.03
India	820	851	8.18
Vietnam	711	755	7.26
China	644	665	6.39
Others	1055	1203	11.57
<b>World Total</b>	<b>9690</b>	<b>10401</b>	<b>100</b>

Global SR production during 2010 was 14.21 million tonnes as against 12.42 million tonnes in 2009, registering a growth of 14.4%

### **Consumption**

Global NR consumption increased to 10.78 million tonnes in 2010 registering a growth of 15.5% over 9.33 million tonnes in 2009. Country-wise consumption of NR is furnished in Table 3.

**Table 3**

#### **COUNTRY-WISE CONSUMPTION OF NR ('000 tonnes)**

Country	2009	2010	% Share in 2010
China	3384	3646	33.82
India	905	944	8.76
U.S.A.	687	926	8.59
Japan	636	750	6.96
Malaysia	470	458	4.25
Thailand	399	459	4.26
Indonesia	352	421	3.91
Others	2496	3174	29.45
<b>World Total</b>	<b>9329</b>	<b>10778</b>	<b>100</b>

There was a deficit of 377 thousand tonnes of NR in the world in 2010.

Global SR consumption during 2010 was 14.07 million tonnes in 2010 as against 12.16 million tonnes in 2009, registering a growth of 15.7%. World NR and SR consumption ratio remained the same as 43:57 for both the years 2009 and 2010.

*R. B. Nair*

Ramesh B Nair

Joint Director

Statistics & Planning Dept

Kottayam

24<sup>th</sup> October 2011



### स्वाभाविक रबड़ निष्पादन - 2010-11

क्षेत्र विस्तार	711560 हेक्टेयर (3.6 % वृद्धि)
उत्पादन	861950 टण (3.7 % वृद्धि)
उपभोग	947715 टण (1.8 % वृद्धि)
आयात	188337 टण
निर्यात	29851 टण
आरएसएस 4 ग्रेड का औसतन बाजार मूल्य	190.03 रु./किग्रा
वर्षात में स्टोक	288300 टण
छोटी जोतों की संख्या	1.19 मिलियन
बड़े बागानों की संख्या	550
औसतन उपज प्रति हेक्टेयर	1806 किग्रा
स्वाभाविक रबड़ पर सीमा शुल्क	
ठोस रूप में	20% या प्रति कि ग्रा 20 रु. जो भी कम हो
लैटेक्स	70%
आयातित स्वाभाविक रबड़ का मूल्य	2906.79 करोड़ रु.
निर्यातित स्वाभाविक रबड़ का मूल्य	552.20 करोड़ रु.
आयातित रबड़ उत्पादों का मूल्य	3687.90 करोड़ रु. (2009-10)
निर्यातित रबड़ उत्पादों का मूल्य	7926.66 करोड़ रु.
कृषकों को स्वाभाविक रबड़ से आय	16380 करोड़ रु.
स्वाभाविक रबड़ पर उपकर	103.25 करोड़ रु.
अनुज्ञापत्रित व्यापारियों की संख्या	9643
अनुज्ञापत्रित विनिर्माताओं की संख्या	4356
टायर और टायर इतर उपभोग का अनुपात	63:37
स्वाभाविक रबड़ और कृत्रिम रबड़ के उपभोग का अनुपात	70:30
इलास्टमर का प्रतिव्यक्ति उपभोग	1.12 किग्रा
टायर उद्योग की कुल बिक्री	30000 करोड़ रु.
टायर उत्पादन	119.20 मिलियन नं.
टायर निर्यात का मूल्य	3600 करोड़ रु.
विश्व उत्पादन	10.401 मिलियन टण
विश्व उपभोग	10.778 मिलियन टण
विश्व स्वाभाविक एवं कृत्रिम रबड़ उपभोग अनुपात	43:57
आरएसएस 3 श्रेणी का अंतर्राष्ट्रीय भाव	195.55 रु./किग्रा



Global SR production during 2010 was 14.21 million tonnes as against 12.42 million tonnes in 2009, registering a growth of 14.4%

### **Consumption**

Global NR consumption increased to 10.78 million tonnes in 2010 registering a growth of 15.5% over 9.33 million tonnes in 2009. Country-wise consumption of NR is furnished in Table 3.

**Table 3**

#### **COUNTRY-WISE CONSUMPTION OF NR ('000 tonnes)**

<b>Country</b>	<b>2009</b>	<b>2010</b>	<b>% Share in 2010</b>
China	3384	3646	33.82
India	905	944	8.76
U.S.A.	687	926	8.59
Japan	636	750	6.96
Malaysia	470	458	4.25
Thailand	399	459	4.26
Indonesia	352	421	3.91
Others	2496	3174	29.45
<b>World Total</b>	<b>9329</b>	<b>10778</b>	<b>100</b>

There was a deficit of 377 thousand tonnes of NR in the world in 2010.

Global SR consumption during 2010 was 14.07 million tonnes in 2010 as against 12.16 million tonnes in 2009, registering a growth of 15.7%. World NR and SR consumption ratio remained the same as 43:57 for both the years 2009 and 2010.

Kottayam

24<sup>th</sup> October 2011

R. B. Nair

Ramesh B Nair

Joint Director

**Statistics & Planning Dept**

### स्वाभाविक रबड़ निष्पादन - 2010-11

क्षेत्र विस्तार	711560 हेक्टेयर (3.6 % वृद्धि)
उत्पादन	861950 टण (3.7 % वृद्धि)
उपभोग	947715 टण (1.8 % वृद्धि)
आयात	188337 टण
निर्यात	29851 टण
आरएसएस 4 ग्रेड का औसतन बाजार मूल्य	190.03 रु./किग्रा
वर्षात में स्टोक	288300 टण
छोटी जोतों की संख्या	1.19 मिलियन
बड़े बागानों की संख्या	550
औसतन उपज प्रति हेक्टेयर	1806 किग्रा
स्वाभाविक रबड़ पर सीमा शुल्क	
ठोस रूप में	20% या प्रति कि ग्रा 20 रु.
	जो भी कम हो
लैटेक्स	70%
आयातित स्वाभाविक रबड़ का मूल्य	2906.79 करोड़ रु.
निर्यातित स्वाभाविक रबड़ का मूल्य	552.20 करोड़ रु.
आयातित रबड़ उत्पादों का मूल्य	3687.90 करोड़ रु. (2009-10)
निर्यातित रबड़ उत्पादों का मूल्य	7926.66 करोड़ रु.
कृषकों को स्वाभाविक रबड़ से आय	16380 करोड़ रु.
स्वाभाविक रबड़ पर उपकर	103.25 करोड़ रु.
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आरएसएस 3 श्रेणी का अंतर्राष्ट्रीय भाव	195.55 रु./किग्रा



## PERFORMANCE OF NATURAL RUBBER - 2010-11

Area	711560 Hectares (3.6% Growth)
Production	861950 Tonnes (3.7% Growth)
Consumption	947715 Tonnes (1.8% Growth)
Import	188337 Tonnes
Export	29851 Tonnes
Average Market Price for RSS 4 grade	Rs190.03 /kg
Stock at the end of the year	288300 Tonnes
Number of small holdings	1.19 Million
Number of large estates	550
Average yield per hectare	1806 kg
Customs duty on natural rubber	
Solid form	20% or Rs 20/kg whichever is lower, TRQ-40,000 Tonnes at 7.5%
Latex	70%
Value of Natural rubber imported	Rs 2906.79 Crore
Value of Natural rubber exported	Rs 552.20 Crore
Value of rubber products imported	Rs 3687.90 Crore (2009-10)
Value of rubber products exported	Rs 7926.66 Crore
Income from NR to the growers	Rs 16380 Crore
Cess on Natural Rubber	Rs 103.25 Crore
Number of licensed dealers	9643
Number of licensed manufacturers	4356
Tyre and Non-tyre consumption ratio	63:37
NR and SR consumption ratio	70:30
Per capita consumption of elastomer	1.12 kg
Tyre industry turnover	Rs 30000 Crores
Tyre production	119.20 Million Numbers
Value of tyre exports	Rs 3600 Crores
World production	10.401 Million Tonnes
World consumption	10.778 Million Tonnes
World NR & SR consumption ratio	43: 57
International price of RSS 3 grade	Rs 195.55/kg

## CONNOTATIONS

Holding	Unless the contrary is stated, the word means a rubber area contiguous or non-contiguous aggregating 10 ha or less under a single ownership.
Estate	Land contiguous or non-contiguous aggregating more than 10 ha planted with rubber under a single ownership is treated as "Estate". However, estates/holdings situated in different taluks even if they are under a single ownership are considered separately. In this context, the word owner includes any agent of an owner and a mortgage in possession and a lessee of the area.
Newplanted area	Land planted with rubber for the first time.
Replanted area	Land planted with rubber by removing the rubber trees planted earlier.
Tapped area	Area, which is being tapped.
Yield per hectare	Average yield per ha of tapped area.
Manufacturer	A manufacturer of rubber goods who has taken out a licence from the Board for acquiring natural rubber.
Dealer	One who has taken out a licence from the Board for dealing in natural rubber, holding natural rubber stock. Under the Rubber Act all dealers and all consumers (manufacturers of rubber goods) of natural rubber should take out licence from the Rubber Board.
Natural Rubber	Includes the Dry Rubber Content (drc) of all grades and qualities of natural rubber. Quantity under latex also refers to weight of drc.
Synthetic Rubber	Includes oil content of oil extended rubber and total solid contents of lattices.
Reclaimed Rubber	Comprises of both natural and synthetic reclaimed rubber.
p	Provisional

## CONTENTS

Table	Subject	Page
<b>I Area under Rubber and Average Yield per hectare</b>		
1	Area Newplanted and Replanted with Rubber	1
2	State-wise Area under Rubber at the end of each year	2
3	District/State-wise Area of Rubber under holdings and estates	3
4	Classification of Holdings and Estates according to size	5
5	Tapped area, Production and Average Yield per hectare in different States	7
<b>II Production, Import, Export, Consumption and Stock of Rubber</b>		
<b>a) Natural Rubber</b>		
6	Month-wise Production of Natural Rubber	8
7	Type-wise Production of Natural Rubber	9
8	Production of Holdings and Estates	10
9	District-wise Production of Natural Rubber	11
10	Month-wise Import of Natural Rubber	12
11	Type-wise Import of Natural Rubber	13
12	Type-wise Export of Natural Rubber	13
13	Country-wise Export of Natural Rubber	14
14	Month-wise Export of Natural Rubber	15
15	Month-wise Consumption of Natural Rubber	16
16	Type-wise Consumption of Natural Rubber	17
17	Stock of Natural Rubber	18
<b>b) Synthetic Rubber</b>		
18	Month-wise Production of Synthetic Rubber	19
19	Type-wise Production of Synthetic Rubber	20
20	Type-wise Consumption of Synthetic Rubber	21
21	Stock of Synthetic Rubber	22
<b>c) Reclaimed Rubber</b>		
22	Production, Consumption & Export of Reclaimed Rubber	23

**d) Natural, Synthetic & Reclaimed Rubber**

23	Production, Import, Export & Consumption of NR and SR	24
24	Total Stock of Natural and Synthetic Rubber	25
25	Production, Import, Export, Consumption and Stock of NR	26
26	Production, Import, Consumption and Stock of SR	27
27	State-wise Consumption of all kinds of Rubber	28
28	Value of NR imported from various countries	30
29	Value of SR and RR imported from various countries	31

**III Price of Rubber**

30	Price of Different Grades of Natural Rubber	32
30(a)	Comparison of domestic & International price(in Rs.)	33
30(b)	Comparison of domestic & international price(in US\$)	34
31	Average price of indigenous Synthetic Rubber	35

**IV Manufacturers, Rubber Products, Exports, Dealers, etc.**

32	Distribution of Manufacturers according to their Total Consumption	36
33	Number of Manufacturers in Different States	38
34	Production of Tyres	39
35	Production of Tubes	40
36	Automobile Production and Export	41
37	Consumption of Rubber according to End Products	42
38	Value of Rubber Products exported	44
39	Quantity and Value of Rubber Products imported	45
40	State-wise Distribution of Dealers	47
41	District-wise Distribution of Dealers in Kerala State	48
42	Average Daily Employment in Rubber Plantations	49
43	Collection of Excise Duty and Receipts of the Rubber Board	50
44	Scheme-wise Expenditure of the Rubber Board	51
45	Progress in Distribution of Planting Materials	52
46	Rubber Marketed by the Co-operative Societies	53
47	Index Numbers of Agricultural Production	54
48	Index Numbers of Productivity	55
49	Gross Domestic Product & Consumer Price Index	56
50	Index Numbers of Wholesale Prices of Selected Commodities	57



## v World Rubber Statistics

51	Area under Rubber in Main Producing Countries	58
52	Production of Natural Rubber in Main Producing Countries	59
53	Consumption of Natural Rubber in Main Consuming Countries	60
54	Country-wise import of Natural Rubber	61
55	Country-wise export of Natural Rubber	62
56	Production of Synthetic Rubber in Main Producing Countries	63
57	Consumption of Synthetic Rubber in Main Consuming Countries	64
58	Production, Consumption & Stock of Natural and Synthetic Rubber	65
59	Per Capita Consumption of Natural and Synthetic Rubber	66
60	International Price of Different Grades of Natural Rubber	67

## CHARTS AND DIAGRAMS

1	Area under Holdings and Estates
2	Average Yield per hectare
3	Type-wise Production of NR 2010-11
4	Production of Holdings and Estates
5	Import of Natural Rubber
6	Export of Natural Rubber
7	Type-wise Consumption of NR 2010-11
8	Production and Consumption of NR
9	Price of Indigenous RSS 4 grade Rubber
10	Number of Rubber Goods Manufacturers
11	Total Consumption of Rubber according to End Products 2009-10
12	Consumption of NR according to End Products 2009-10
13	Value of Rubber Products exported
14	Movement of Production Indices
15	Share of India in World Production of NR 2010
16	Share of India in World Consumption of NR 2010
17	World Consumption of NR and SR
18	Price of Natural Rubber in Indian and International markets



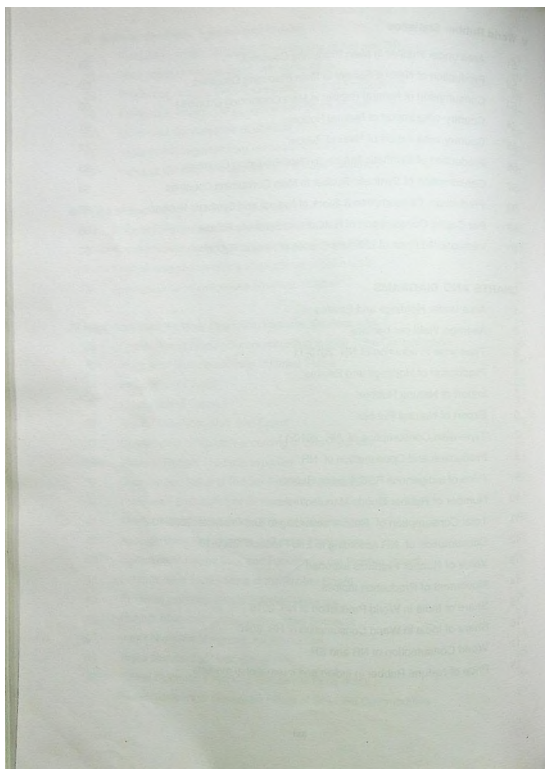


TABLE - 1

## AREA NEWPLANTED AND REPLANTED WITH RUBBER

(Hectares)

Year	Newplanted	Replanted	Total	Year	Newplanted	Replanted	Total
1993-94	9200	6000	15200	2002-03	5390	7890	13280
1994-95	7500	7000	14500	2003-04	6980	7350	14330
1995-96	7900	7500	15300	2004-05	12500	7130	19630
1996-97	10400	7000	17400	2005-06	16750	7520	24270
1997-98	13300	7500	20800	2006-07	21500	8380	29880
1998-99	8800	6500	15300	2007-08	22750	8500	31250
1999-00	6100	5200	11300	2008-09	30200	10000	40200
2000-01	6780	6640	13420	2009-10p	25500	11000	36500
2001-02	6380	5930	12310	2010-11p	25000	11000	36000

TABLE - 2

## STATE-WISE AREA UNDER RUBBER AT THE END OF EACH YEAR

(Hectares)

State	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p
Kerala	475039	476047	479802	485610	493900	502740	512045	517475	525408
Tamil Nadu	18704	18633	18633	18642	18815	19233	19410	19355	19545
<b>Traditional Total</b>	<b>483743</b>	<b>494678</b>	<b>498235</b>	<b>504252</b>	<b>512615</b>	<b>521973</b>	<b>531455</b>	<b>536630</b>	<b>544953</b>
Tripura	27947	28853	30770	32065	34189	37846	41165	50070	55415
Assam	12806	13208	13841	14057	14848	15690	16225	23705	28102
Meghalaya	4354	4586	4758	4834	5060	5331	6830	7740	9196
Nagaland	2024	2087	2091	2184	2274	2486	2697	3515	4141
Manipur	1698	1708	1773	1786	1829	1859	1914	2380	2723
Mizoram	619	696	709	498	507	525	551	735	908
Andhra Pradesh	323	372	379	416	425	446	458	720	1200
<b>North East Total</b>	<b>49771</b>	<b>51510</b>	<b>54321</b>	<b>55840</b>	<b>59132</b>	<b>64383</b>	<b>71840</b>	<b>88865</b>	<b>101685</b>
Karnataka	20017	20294	20460	21189	23153	26035	28830	32415	34777
And Islands	960	960	962	843	762	729	729	880	878
Goa	843	870	755	761	704	772	966	1010	1017
Maharashtra	165	200	182	152	149	171	373	650	858
Orissa	517	552	480	456	465	500	528	570	657
West Bengal	430	494	461	473	523	526	546	580	587
Andhra Pradesh	109	109	124	124	107	111	111	180	1103
<b>Others Total</b>	<b>23041</b>	<b>23479</b>	<b>23424</b>	<b>23998</b>	<b>25863</b>	<b>28844</b>	<b>32105</b>	<b>36285</b>	<b>39877</b>
<b>Non Traditional Total</b>	<b>72812</b>	<b>74989</b>	<b>77745</b>	<b>79838</b>	<b>84995</b>	<b>93227</b>	<b>103945</b>	<b>125150</b>	<b>141562</b>
<b>Grand Total</b>	<b>566555</b>	<b>569667</b>	<b>575980</b>	<b>594090</b>	<b>597610</b>	<b>615200</b>	<b>635400</b>	<b>661980</b>	<b>696515</b>
Annual growth rate	0.69	0.55	1.11	1.41	2.31	2.94	3.28	4.18	3.71

**TABLE - 3**  
**DISTRICT/STATE/UNION TERRITORY-WISE AREA OF RUBBER UNDER HOLDINGS & ESTATES**  
(-Hectares)

District/ State/ Union Territory	2004-05			2005-06			2006-07		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	28001	715	28716	28197	723	28920	28537	723	29260
2. Kollam	27877	6097	36974	28007	7268	36275	28324	7246	35570
3. Pathanamthitta	41958	6040	47998	42001	7550	49551	42160	7491	49651
4. Alappuzha	3887	0	3887	3934	0	3934	4080	0	4080
5. Kottayam	108062	4039	112101	107575	4060	111635	107794	4056	111850
6. Idukki	34434	4165	38599	34671	4173	38844	34900	4110	39010
7. Ernakulam	54301	2769	57070	54483	2806	57289	54794	2796	57590
8. Thrissur	9535	4141	13676	9848	4210	14058	10282	4228	14510
9. Palakkad	29642	947	30589	31050	902	31952	32286	878	33164
10. Malappuram	28466	2557	31023	30065	2523	32588	31783	2372	34155
11. Kozhikode	14595	3367	17962	14892	3245	18237	15702	3238	18940
12. Wynad	7135	0	7135	7777	0	7777	8340	0	8340
13. Kannur	34913	1204	36117	37159	1207	38366	38768	1107	39875
14. Kasargod	23227	526	23753	24856	518	25374	26285	460	26740
<b>KERALA</b>	<b>446043</b>	<b>39567</b>	<b>485610</b>	<b>454615</b>	<b>39185</b>	<b>493800</b>	<b>464035</b>	<b>38705</b>	<b>502740</b>
TAMIL NADU	12367	6275	18642	12495	6320	18815	12643	6590	19233
TRIPURA	22860	9205	32065	24884	9305	34189	28166	9680	37846
ASSAM	12380	1677	14057	13152	1696	14848	14160	1730	15890
MEGHALAYA	3757	1077	4834	4202	858	5060	4721	610	5331
NAGALAND	2028	156	2184	2117	157	2274	2329	157	2486
MANIPUR	1309	477	1786	1352	477	1829	1382	477	1859
MIZORAM	415	83	498	426	81	507	445	80	525
ARUNACHAL PRADESH	379	37	416	388	37	425	409	37	446
KARNATAKA	15177	6012	21189	17100	6053	23153	19955	6080	26035
A & N ISLANDS	127	716	843	44	718	762	44	685	729
GOA	349	412	761	316	388	704	324	388	712
MAHARASHTRA	94	58	152	91	68	159	113	58	171
ORISSA	368	66	434	377	66	443	412	66	500
WEST BENGAL	380	53	433	382	131	523	406	120	526
ANDHRA PRADESH	124	0	124	107	0	107	111	0	111
<b>Grand Total</b>	<b>518157</b>	<b>65933</b>	<b>584090</b>	<b>520858</b>	<b>65552</b>	<b>587610</b>	<b>549715</b>	<b>65485</b>	<b>615200</b>
<b>Percentage share</b>	<b>88.71</b>	<b>11.29</b>	<b>100.00</b>	<b>89.03</b>	<b>10.97</b>	<b>100.00</b>	<b>89.36</b>	<b>10.64</b>	<b>100.00</b>



TABLE - 4

## CLASSIFICATION OF HOLDINGS AND ESTATES ACCORDING TO SIZE AT THE END OF EACH YEAR

(Area in hectares)

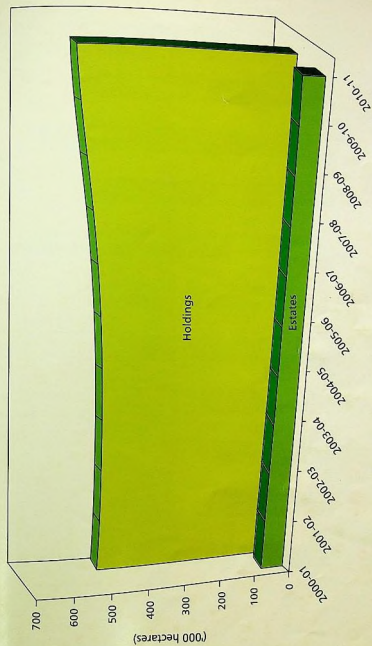
Year	HOLDINGS (Area in Hectares)							
	2 ha & below		Above 2 ha & upto & including 4 ha		Above 4 ha & upto & including 20 ha		Total	
	Units	Area	Units	Area	Units	Area	Units	Area
1991-92	797429	342010	13556	35569	4562	33044	815547	410623
1992-93	824298	351571	13627	36450	4575	33138	842500	421159
1993-94	845402	359451	13714	37205	4584	33437	863700	430093
1994-95	862728	365654	13994	37849	4678	34016	881400	437519
1995-96	892094	375957	14474	39079	4721	34463	911289	449499
1996-97	912112	384008	14724	40145	4801	35284	931637	459437
1997-98	935456	394412	17210	44104	5058	36364	957724	474880
1998-99	948553	402336	17317	44515	5108	36850	970978	483701
1999-00	963613	407601	17627	45031	5249	37645	986489	490277
2000-01	968656	412574	17647	45088	5257	37696	991560	495358
2001-02	980511	414146	18141	45803	5530	39012	1004182	498961
2002-03	991042	428753	11377	34281	4810	39860	1007229	502894
2003-04	1000254	435198	11400	34350	4890	40104	1016544	509652
2004-05	1012557	443077	11500	34640	4945	40440	1029002	518157
2005-06	1032728	455483	11665	35280	4985	41295	1049388	532058
2006-07	1055885	471590	11925	36280	5050	41845	1072860	549715
2007-08	1079950	488300	12200	37530	5160	43325	1097310	569155
2008-09p	1114540	511218	12580	38790	5310	45370	1132430	595378
2009-10p	1144740	532205	13482	41889	5346	45371	1163568	619465

TABLE -4 (Cont.)

Year	ESTATES														Total		Grand Total (Holdings & Estates)	
	Above 20 ha & upto 40 ha		Above 40 ha & upto 200 ha		Above 200 ha& upto 400 ha		Above 400 ha & upto 600 ha		Above 600 ha									
	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area				
1991-92	123	3478	130	11533	22	6217	21	10622	38	46041	334	77891	815881	488514				
1992-93	126	3543	132	11555	22	6285	21	10649	38	46183	339	78215	842839	498374				
1993-94	129	3628	132	11406	22	6280	21	10679	38	46334	342	78327	864042	508420				
1994-95	130	3659	132	11377	22	6266	21	10638	38	46088	343	78028	881743	515547				
1995-96	114	3286	134	12291	25	7589	19	9835	34	41575	326	74576	911615	524075				
1996-97	112	3214	134	12262	25	7610	20	10303	32	40420	323	73809	931960	533246				
1997-98	111	3165	136	11732	23	6821	22	11396	30	36540	322	69654	958046	544534				
1998-99	111	3171	136	11743	23	7059	21	10775	30	36592	321	69340	971299	553041				
1999-00	111	3188	137	11680	23	7159	20	10301	30	35979	321	68307	966810	558584				
2000-01	108	3118	135	11591	24	7487	21	10720	28	34396	316	67312	991876	562570				
2001-02	98	2917	136	11547	24	7548	21	10721	28	34861	307	67594	1004489	566555				
2002-03	90	2649	136	11494	23	7171	22	11119	28	34340	299	66773	1007528	569667				
2003-04	76	2218	137	11744	18	5541	20	10047	30	36778	281	66328	1016825	575980				
2004-05	69	2014	136	11616	18	5543	21	10526	29	36234	273	65933	1029275	584090				
2005-06	68	2009	132	11167	19	6011	20	10436	28	35929	267	65552	1049655	597610				
2006-07	66	1973	126	10950	20	6023	20	10456	28	36083	260	65485	1073120	615200				
2007-08	68	2011	121	10556	22	6470	20	10446	28	36762	259	66245	1097569	635400				
2008-09p	88	2579	112	9444	22	6681	16	8271	30	39627	268	66602	1132698	661980				
2009-10p	92	2677	112	9430	21	6440	17	8635	30	39668	272	67050	1163840	686515				



Chart 1  
AREA UNDER HOLDINGS AND ESTATES





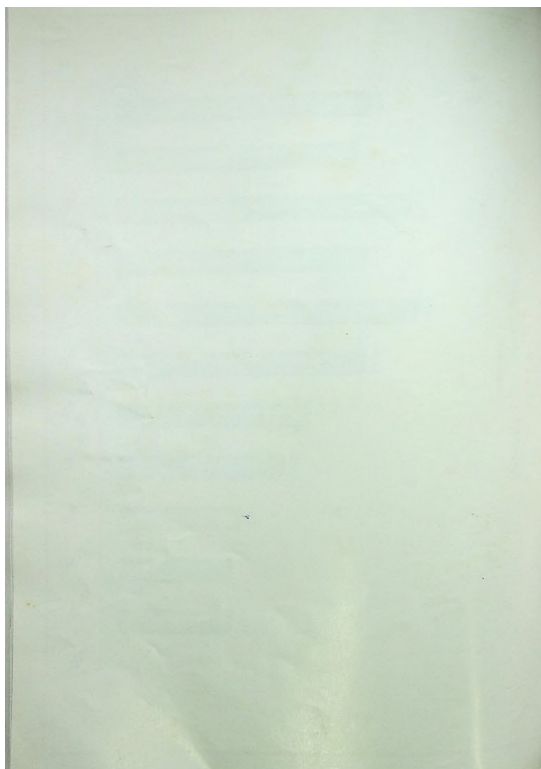


TABLE - 5

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

(Area in hectares, Production in tonnes and Yield per hectare in kilograms)

Year	KERALA			TAMIL NADU			KARNATAKA			OTHERS			TOTAL	
	Tapped area	Production	Yield	Tapped area	Production	Yield	Tapped area	Production	Yield	Tapped area	Production	Yield	Tapped area	Production
1994-95	318965	442830	1389	12550	15065	1200	9175	9700	1057	5580	4220	756	346270	471815
1995-96	328812	474555	1443	12420	17335	1396	9530	10275	1078	5682	4745	835	356444	506910
1996-97	335400	512756	1529	12730	18505	1454	9760	11160	1143	7690	7004	911	365580	549425
1997-98	342420	541935	1583	13000	19175	1475	10365	12150	1172	11185	10570	945	376970	583830
1998-99	349683	559099	1599	13215	20263	1533	10685	12549	1174	13517	13134	972	387100	605045
1999-00	355342	572820	1612	13377	21134	1580	10980	13115	1194	15101	15196	1006	394800	622265
2000-01	359780	579866	1612	13651	21611	1583	11043	13368	1211	15427	15580	1009	399901	630405
2001-02	360006	580350	1612	13677	21631	1582	11110	13465	1212	15920	15954	1002	400713	631400
2002-03	363791	594917	1635	14065	22253	1582	11278	13659	1211	18819	18606	989	407953	649435
2003-04	381970	655135	1715	14170	22520	1589	11488	14070	1225	20307	19925	981	427935	711650
2004-05	391397	690768	1765	14325	22680	1584	11560	14440	1249	22438	21767	970	439720	749665
2005-06	396385	739225	1865	14505	23555	1624	11755	14940	1271	24370	24905	1022	447015	802625
2006-07	399635	783275	1960	14650	24020	1640	12414	16125	1299	27321	29475	1079	454020	852895
2007-08	401420	753135	1876	14730	23820	1617	12850	16450	1280	29630	31940	1071	458830	825345
2008-09	401706	782885	1948	15113	24355	1612	13635	19175	1406	32676	38285	1172	463130	864500
2009-10p	402740	745510	1851	15125	24695	1633	14610	21331	1460	36005	39864	1107	469480	831400

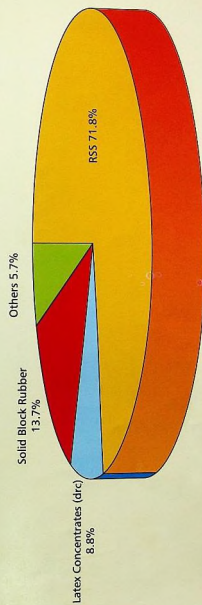
TABLE - 6

## MONTH-WISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

Month	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
April	43355	44105	40035	39800	45580	47550	48490	54555	53665	57250	51520	53500
May	37665	47345	43350	42410	49960	47300	53010	56500	46485	60115	53550	56400
June	38990	40400	39175	43635	47035	49205	49625	57610	43480	62200	54255	56850
July	40220	42750	43490	45835	49485	53110	53455	65500	39590	62550	50250	58500
August	50870	45320	51485	51475	56950	63590	65210	74495	60850	73250	64750	72500
September	58250	56550	56450	58480	64815	73130	70895	73550	65275	80500	74300	77500
October	60555	64825	62450	63215	71290	75395	81405	82970	89505	84365	88775	82400
November	76225	72090	75525	75410	85325	89065	93505	95525	109480	95550	93500	90500
December	77430	76850	79410	80495	88450	91455	96125	101680	111730	100225	100850	103000
January	70365	70550	73030	75525	77545	80110	93510	96450	103515	91900	97500	98800
February	32190	32515	31855	35050	36455	38205	51505	51455	54520	48295	51500	57600
March	36150	37105	35145	38105	38760	41550	45890	42605	47250	48300	50650	54400
Total	622265	630405	631400	649435	711650	749665	802625	852895	825345	864500	831400	861950
Growth(%)	2.85	1.31	0.16	2.86	9.58	5.34	7.06	6.26	-3.23	4.74	-3.83	3.67
Cal. year Total	620225	628940	631540	640785	707570	742560	771585	853290	810570	861290	820245	850800
Growth(%)	4.93	1.41	0.41	1.46	10.42	4.95	3.91	10.59	-5.01	8.72	-6.93	3.73

Chart 3  
TYPE-WISE PRODUCTION OF NR 2010-11



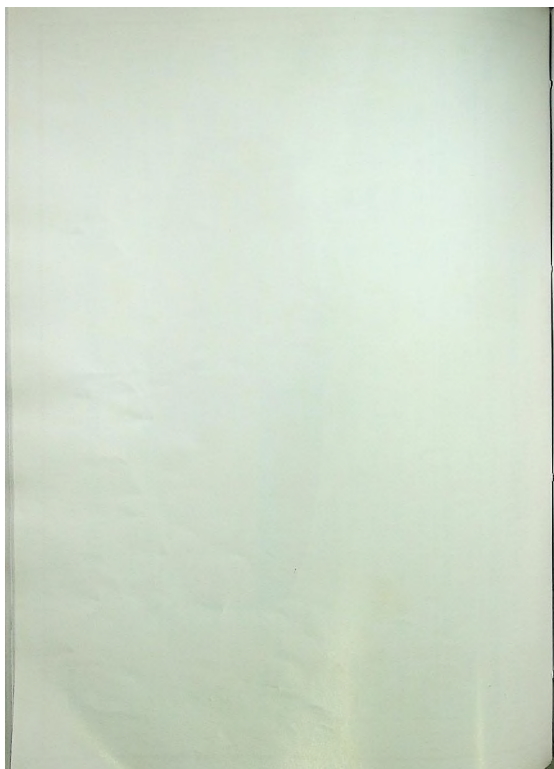


TABLE - 7

# TYPE-WISE PRODUCTION OF NATURAL RUBBER (Tonnes)

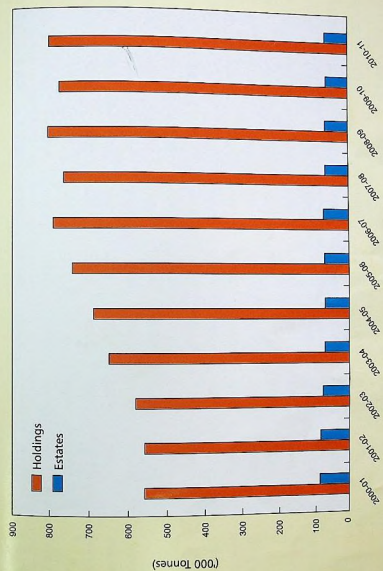
Type	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
RSS Grades	455175	453465	441875	490070	532155	566445	612735	583875	617125	578650	618960
Latex Concentrates(drc)	65975	62990	76205	81860	78795	90950	86780	88305	88070	85760	76065
Solid Block Rubber	60225	65650	81405	87685	84275	92540	98500	100705	110275	120780	117830
Others	49030	49295	49950	52055	54440	52690	54880	52460	49030	46210	49095
Total	630405	631400	649435	711650	749665	802625	852895	825345	864500	831400	861950

TABLE - 8

# **PRODUCTION OF HOLDINGS AND ESTATES** (Tonnes)

Year	Holdings	Estates	Total	Year	Holdings	Estates	Total
1986-87	168195	51325	219520	1998-99	527000	78045	605045
1987-88	181710	53487	235197	1999-00	544600	77665	622265
1988-89	204000	55172	259172	2000-01	553770	76635	630405
1989-90	239400	57900	297300	2001-02	555320	76080	631400
1990-91	268500	61115	329615	2002-03	580080	69355	649435
1991-92	302700	64045	366745	2003-04	647095	64555	711650
1992-93	327500	65990	393490	2004-05	685595	64070	749665
1993-94	367950	67210	435160	2005-06	739530	63095	802625
1994-95	405900	65915	471815	2006-07	789805	63090	852895
1995-96	436500	70410	506910	2007-08	764675	60670	825345
1996-97	475000	74425	549425	2008-09	804950	59550	864500
1997-98	507000	76830	583830	2009-10p	774640	56760	831400

Chart 4  
PRODUCTION OF HOLDINGS AND ESTATES





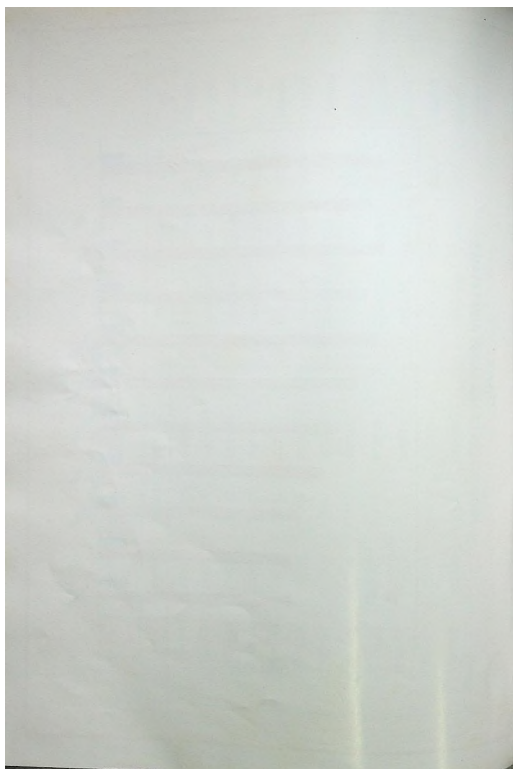


TABLE - 9

# **DISTRICT-WISE PRODUCTION OF NATURAL RUBBER** (Tonnes)

District/State	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09p	2009-10p
<b>Thiruvananthapuram</b>	33586	34206	36026	37915	43680	47280	44950	45880	42900
<b>Kollam</b>	46854	48386	50035	53233	55440	59360	55655	54380	50830
<b>Pathanamthitta</b>	62502	62833	67985	69094	70865	77440	73690	79640	77400
<b>Alappuzha</b>	4114	4356	5093	5577	6790	7400	6750	6860	6580
<b>Kottayam</b>	140543	143244	152682	162409	166940	173600	166180	176905	170800
<b>Idukki</b>	45260	45295	49496	52441	55830	57115	54800	59035	54600
<b>Ernakulam</b>	73219	73752	79647	82603	84900	88435	87595	94270	90770
<b>Thrissur</b>	19762	19932	21383	22488	25090	27200	25375	23595	21800
<b>Palakkad</b>	31759	34334	40916	43353	51185	52575	50720	49680	47930
<b>Malappuram</b>	32904	33883	39959	42548	48110	56105	54390	52600	48080
<b>Kozhikode</b>	22864	23490	25544	26258	29940	31835	29445	29625	28275
<b>Wynad</b>	4038	4753	6230	6885	7620	8245	8085	8600	8400
<b>Kannur</b>	38800	40658	50381	54980	59495	61575	60350	60795	58125
<b>Kasaragod</b>	24125	25795	29758	31184	33360	35110	35150	40820	39020
<b>Kerala</b>	<b>580350</b>	<b>594917</b>	<b>655135</b>	<b>690768</b>	<b>739225</b>	<b>783275</b>	<b>753135</b>	<b>782685</b>	<b>745510</b>
<b>Outside Kerala</b>	51050	54518	58515	58897	63400	69620	72210	81815	85890
<b>Grand Total</b>	<b>631400</b>	<b>649435</b>	<b>711650</b>	<b>749665</b>	<b>802625</b>	<b>852895</b>	<b>825345</b>	<b>864500</b>	<b>831400</b>

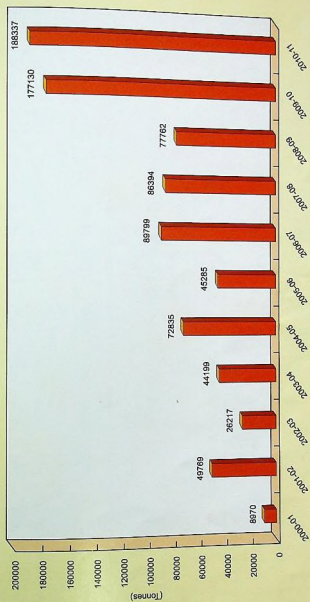
TABLE - 10

## MONTH-WISE IMPORT OF NATURAL RUBBER

(Tonnes)

Month	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11P
April	2959	1751	255	162	2015	815	4720	7408	3615	8624	4745	9784	10186
May	1085	889	708	843	1282	6095	6682	4844	6578	8115	9690	18018	16495
June	905	1284	1367	1299	894	4519	7788	9299	6518	7336	7167	23642	13909
July	3493	2125	1939	3064	2098	5377	7245	4667	5906	4240	2667	29477	20259
August	3942	4573	567	7432	5067	8186	5447	3664	4031	6839	3799	22957	24209
September	4712	2206	968	8766	688	3651	7889	2521	883	9093	10205	18729	33477
October	1807	1843	918	3938	817	2295	4169	2161	1351	8373	16010	10011	19710
November	1376	1580	749	5398	336	1129	4668	4862	5465	8026	5743	7215	14413
December	1813	724	278	6441	161	1056	3309	1520	10920	8180	3426	6139	13805
January	4573	580	334	6230	3187	2457	7196	294	10216	8552	5153	7170	8163
February	1587	1728	232	3900	6114	2848	8949	1470	18853	4738	2420	11998	8458
March	1282	930	655	2296	3558	5771	4773	2575	15463	4278	6737	11990	5253
Total	29534	20213	8970	49769	26217	44199	72835	45285	89799	86394	77762	177130	188337

Chart 5  
IMPORT OF NATURAL RUBBER



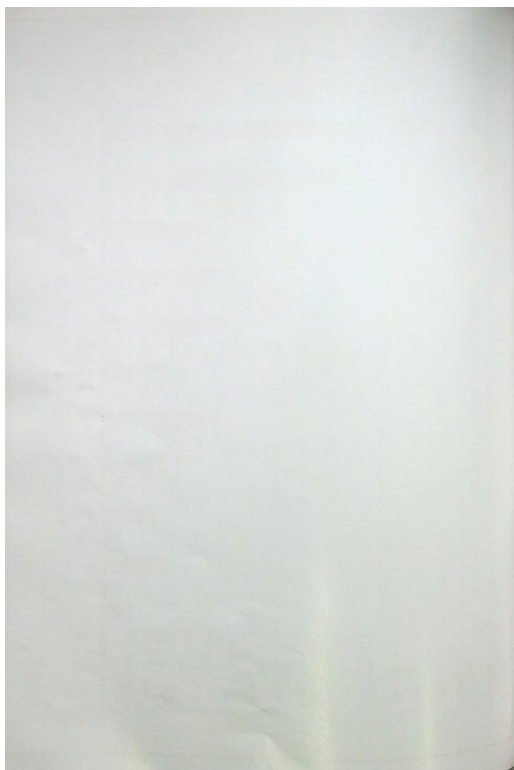


TABLE - 11

## TYPE-WISE IMPORT OF NATURAL RUBBER

(Tonnes)

Type	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
RSS grades	3088	27403	11755	11758	20819	6992	33111	26349	27220	73766	59157
Solid Block Rubber	2647	19516	12751	30539	50720	37433	55075	58595	49130	98574	125465
Latex Concentrates (drc)	3075	2515	1243	1757	979	783	1401	855	1412	4439	3500
Others	160	335	468	145	217	77	212	595	—	351	215
Total	8970	49769	26217	44199	72835	45285	89799	86394	77762	177130	188337

TABLE - 12

## TYPE-WISE EXPORT OF NATURAL RUBBER

(Tonnes)

Type	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
RSS grades	12605	6199	43688	38951	24028	35187	31786	28675	14209	2827	13150
Solid Block Rubber	684	714	4637	19807	11558	13396	8454	8240	9283	7999	4993
Latex Concentrates (drc)	65	82	6927	17125	10496	24153	16056	22639	20836	13106	10717
Others	2	—	59	22	68	1094	249	799	2598	1158	991
Total	13356	6995	55311	75905	46150	73830	56545	60353	46926	25090	29851

TABLE-13

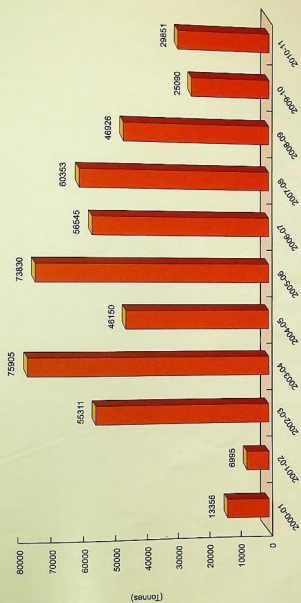
**COUNTRY-WISE EXPORT OF NATURAL RUBBER**

(Quantity in Tonnes and Value in Million Rs)

COUNTRY	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11p	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
China	26521	1692	16592	1654	20222	1808	5518	608	1747	182	8463	1819
Malaysia	6363	481	10412	1098	12092	1117	13510	1589	6925	716	6555	1216
Sri Lanka	7556	496	4760	418	2789	227	1982	226	1182	140	2619	601
Germany	5680	259	2658	180	2480	158	1296	96	1276	117	1375	168
U.S.A.	1954	98	1567	125	4888	308	8289	580	3076	306	1075	141
Belgium	2501	195	2324	149	2873	182	2046	150	876	72	950	124
Spain	1634	91	1204	96	1052	66	1106	81	384	35	644	81
Nepal	1201	92	656	67	685	61	983	105	309	25	409	67
Turkey	2355	128	1751	103	1178	85	902	90	502	39	348	76
U.K.	2098	122	1238	80	1177	71	749	59	183	14	195	25
Korea	1360	83	608	66	776	77	1101	115	75	5	52	9
Others	14607	847	12775	1101	10141	783	9444	803	8555	855	7166	1195
<b>Total</b>	<b>73830</b>	<b>4584</b>	<b>56545</b>	<b>5137</b>	<b>60353</b>	<b>4943</b>	<b>46926</b>	<b>4502</b>	<b>25090</b>	<b>2506</b>	<b>29851</b>	<b>5522</b>

Others include Pakistan, Brazil, Italy, Israel, Egypt, Indonesia, Syria, Australia, Thailand, S.Africa, Bulgaria, U.A.E, Singapore, Russia, Netherlands etc.

Chart 6  
EXPORT OF NATURAL RUBBER





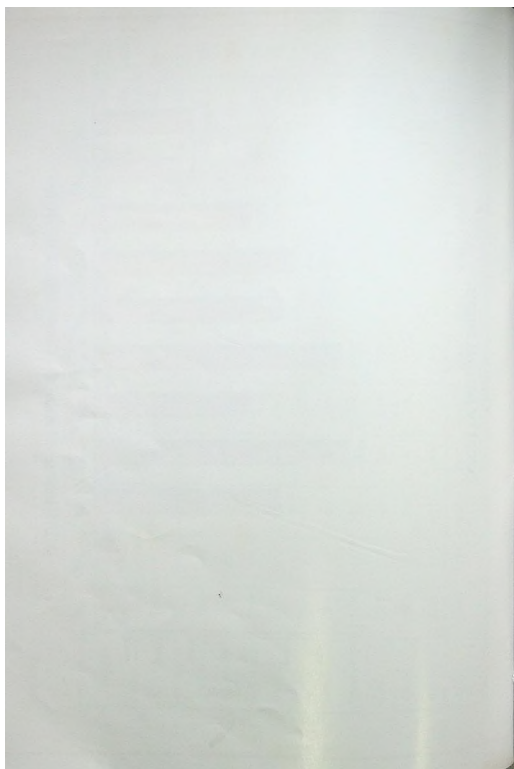


TABLE - 14

## MONTH-WISE EXPORT OF NATURAL RUBBER

(Tonnes)

MONTH	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
April	1180	1278	301	5989	2164	3690	726	2227
May	1244	2023	476	6722	4141	3159	124	1478
June	1898	1714	732	9901	4105	9451	46	618
July	3046	897	3590	8497	4406	9299	30	24
August	5461	972	6311	10226	1416	3047	91	17
September	7197	6451	10028	6386	1166	2314	574	194
October	8232	10534	11372	1981	811	3040	2274	180
November	10814	9879	12440	973	1246	4101	4165	60
December	6346	7317	9613	941	5126	3131	2563	2495
January	6337	992	4670	656	8053	1475	2906	6684
February	10410	1735	5850	721	14643	2257	5556	7951
March	13740	2358	8447	3552	13076	1962	6035	7943
Total	75905	46150	73830	56545	60353	46926	25090	29851

TABLE-15

## MONTH-WISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Month	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
April	49705	51040	52875	54510	54130	59020	62560	63850	66350	70025	73470	78250
May	51290	51675	54505	56505	58095	60695	64950	65005	65895	71215	71250	79150
June	50315	53225	55010	56740	60275	62640	64745	65585	69495	74060	74220	75450
July	52115	53950	52655	58920	61450	64265	68490	68645	72070	77540	78910	76200
August	49775	52415	50820	57835	61205	64210	70240	71315	75105	75850	79750	79500
September	53460	51585	51010	57380	60310	64525	66135	69580	74590	75860	78765	80500
October	50315	51060	51335	57750	58325	62455	66725	69305	74430	75825	77950	81180
November	53670	55450	53150	58470	61405	61115	66550	70490	72525	73290	80500	78010
December	56505	56245	54425	59455	63205	65150	67545	68225	73110	68290	80250	80465
January	54310	52440	54950	60210	61175	63515	67945	69300	71010	64045	80500	81000
February	53195	50475	53045	59525	59825	63505	66670	68715	73870	71520	76350	78000
March	53455	51935	54430	58125	60200	64310	68555	70290	74005	74200	78650	80010
Total	628110	631475	638210	695425	719600	755405	801110	820305	861455	871720	930565	947715
Growth(%)	6.18	0.54	1.07	8.96	3.48	4.98	6.05	2.40	5.02	1.19	6.75	1.84
Cal. year Total	619175	637585	630635	679990	716260	745275	789270	815170	850875	880840	904830	944205
Growth(%)	6.69	2.97	-1.09	7.83	5.33	4.05	5.90	3.28	4.38	3.52	2.72	4.35

Chart 7  
TYPE-WISE CONSUMPTION OF NR 2010-11

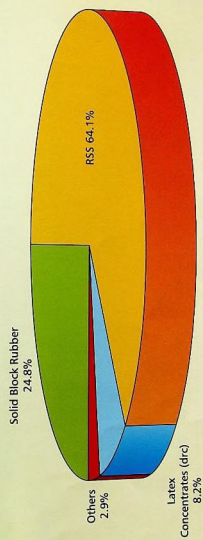




TABLE - 16

# TYPE-WISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Type	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
RSS grades	463280	446150	492980	501625	519855	561655	561580	577635	597440	621435	607455
Solid Block Rubber	61680	82850	87305	98205	117130	115840	132755	155670	146060	190545	235130
Latex Concentrates (drc)	70870	72595	77540	78660	71880	74670	76190	77715	80520	82515	77380
Others	35645	36615	37600	41110	46540	48945	49780	50435	47700	36070	27750
Total	631475	638210	695425	719600	755405	801110	820305	861455	871720	930565	947715

TABLE - 17

**STOCK OF NATURAL RUBBER WITH GROWERS, DEALERS AND MANUFACTURERS  
AT THE END OF EACH MONTH**  
(Tonnes)

Month	2008-09			2009-10p			2010-11p		
	G & D	M	T	G & D	M	T	G & D	M	T
April	84680	68710	153390	142390	41115	183505	132315	63010	195325
May	82990	66360	149350	139260	44465	183725	130290	57890	188180
June	80800	55315	136115	138225	49145	187370	128935	54120	183055
July	70875	44860	115535	138890	49290	188170	136095	49505	185600
August	78060	36270	114330	143082	52958	196040	153110	49690	202800
September	93420	34055	127475	156492	53258	209750	179390	53705	233095
October	110015	39495	149510	173015	55760	228775	188090	65790	253880
November	130005	44555	174560	191785	53595	245380	210205	70525	280730
December	168730	38960	207690	214585	55665	270250	246180	68710	314890
January	199360	40220	239580	228947	63218	292165	258605	76060	334665
February	174295	42485	216780	209965	64965	274930	239375	75965	315340
March	157845	38385	196230	142560	68730	211290 <sup>a</sup>	215955	72345	288300

Note: G - Growers, D - Dealers & Processors, M - Manufacturers, T - Total, R - Revised.  
Stock with manufacturers includes stock in transit as well as imported rubber.

TABLE - 18

## MONTH-WISE PRODUCTION OF SYNTHETIC RUBBER

(Tonnes)

Month	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
April	4861	4401	5296	5680	6105	7834	7816	8772	7991	8689	8169	8180
May	5453	2913	5218	6497	6611	7512	7296	8899	9193	9390	7810	9522
June	5528	6136	5478	6791	5752	7892	7909	8429	7965	8763	8776	9254
July	5943	5751	5199	5904	7948	8006	7170	8639	8540	9133	9637	8188
August	5540	5819	5568	7505	7092	7858	8720	7630	8903	7781	9645	8767
September	5321	5443	5536	6715	8462	7608	7796	8065	8750	7500	8951	9320
October	4390	5308	6660	6247	7017	7368	8724	7926	8816	7690	8405	8726
November	5067	5083	5846	6370	7860	7840	8187	8219	9149	8128	8958	10084
December	5362	6563	6267	7209	7843	8173	8560	8482	9851	7059	8912	9463
January	4001	6504	5880	7800	8614	7526	8300	8163	9353	8063	10249	9859
February	3995	5597	5975	6642	7749	7242	7984	7830	8479	7055	8768	9634
March	4832	5942	6730	7041	8187	8995	9176	8459	9396	9488	8463	9343
Total	60293	65460	69653	80401	89240	93854	97638	99513	106286	96739	106743	110340
Growth(%)	-10.80	8.57	6.41	15.43	10.99	5.17	4.03	1.92	6.81	-8.98	10.34	3.37
Cal. year Total	65103	60245	69111	77503	86173	94641	95941	100521	103510	99361	103869	108984
Growth(%)	-2.35	-7.46	14.72	12.14	11.19	9.83	1.37	4.77	2.97	-4.01	4.54	4.92



TABLE - 19

# TYPE-WISE PRODUCTION OF SYNTHETIC RUBBER

(Tonnes)

Type	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11 <sup>p</sup>
<b>SBR 159<sup>8</sup>*</b>	12482	15197	15363	17100	16402	11503	8407	12638	8762	10704	10787
<b>Latex(drc)*</b>	1422	1642	1490	2651	3143	3923	4679	5471	4780	9123	10628
<b>Nitrile</b>	5151	6275	6781	6960	6535	10006	10913	14131	11439	14250	13020
<b>Polybutadiene</b>	40670	41994	50977	55652	63762	67286	71730	74046	71758	72866	75905
<b>EPDM</b>	4304	3835	5010	6126	3668	4920	3784	—	—	—	—
<b>Others</b>	1431	710	780	751	344	—	—	—	—	—	—
<b>Total</b>	<b>65460</b>	<b>69653</b>	<b>80401</b>	<b>89240</b>	<b>93854</b>	<b>97638</b>	<b>99513</b>	<b>106286</b>	<b>96739</b>	<b>106743</b>	<b>110340</b>
<b>Growth rate</b>	<b>8.57</b>	<b>6.41</b>	<b>15.43</b>	<b>10.99</b>	<b>5.17</b>	<b>4.03</b>	<b>1.92</b>	<b>6.81</b>	<b>-8.98</b>	<b>10.34</b>	<b>3.37</b>

@ : including HSR

\* : includes SBR Latex, VP Latex and Nitrile Latex.

TABLE - 20

## TYPE-WISE CONSUMPTION OF SYNTHETIC RUBBER

(Tonnes)

Type	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11 <sup>p</sup>
Styrene butadiene rubber <sup>a</sup>	54935	55945	65110	71030	75610	80885	98170	110965	111745	138905	174855
Polybutadiene	49810	49995	55170	61120	64620	69080	79900	88205	82740	104465	125305
Butyl	39940	40385	44850	47400	51900	53090	55825	59260	58960	66080	67420
Polychloroprene	5310	5655	5450	5775	6220	6510	6640	6850	6775	6890	7960
Nitrile	5875	6405	7055	7280	7935	8115	9195	9135	9430	8260	7440
Latex(drc)	5030	5180	5605	5970	6190	6460	6550	6420	6900	7135	8465
EPDM	5920	6430	6730	7040	7195	7515	7830	8450	8305	8020	10480
Others*	3850	4535	4880	4575	4980	5840	6720	7870	8095	7955	9905
<b>Total</b>	<b>170670</b>	<b>174530</b>	<b>194850</b>	<b>210190</b>	<b>224650</b>	<b>237495</b>	<b>270830</b>	<b>297155</b>	<b>292950</b>	<b>347710</b>	<b>411830</b>
<b>Growth rate</b>	<b>2.06</b>	<b>2.28</b>	<b>11.64</b>	<b>7.87</b>	<b>6.88</b>	<b>5.72</b>	<b>14.04</b>	<b>9.72</b>	<b>-1.42</b>	<b>18.69</b>	<b>18.44</b>

<sup>a</sup> : Include SBR latex.

\* : Include unclassified rubber also.

TABLE-21

# STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH

(Tonnes)

Month	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
April	44500	45180	51395	68840	50120	30770	24820	25770	33030	24590	36160
May	44180	43440	52900	64870	47560	27720	24615	26980	37550	26700	38840
June	46875	42070	54445	60780	44775	25940	25180	27155	42970	29130	39655
July	47900	44435	57125	58890	43905	22840	23480	26345	44070	30195	41910
August	47210	46255	60995	55930	43290	22860	22000	27570	43650	32600	38085
September	47530	46245	63320	55510	42570	23590	24950	27550	40240	33170	37950
October	47010	46710	67410	53820	41490	23960	26440	27195	38480	34820	37490
November	46180	47775	68665	51580	40330	24780	27670	25780	35420	36165	40250
December	45655	48225	68520	52210	39340	23980	27010	26435	37725	37415	38940
January	47040	49010	68995	52470	38110	24360	25460	28190	35020	36555	36370
February	46240	49840	65625	52570	34230	24665	25700	28220	27630	35490	35860
March	45220	51930	67385	51170	33470	25730	26410	31250	25670	34910	35450

TABLE - 22

# **PRODUCTION, CONSUMPTION AND EXPORT OF RECLAIMED RUBBER**

(Tonnes)

Year	Production	Consumption	Export
1991-92	54185	54015	573
1992-93	61490	62470	379
1993-94	62780	63110	810
1994-95	64425	64655	1928
1995-96	65780	65775	2078
1996-97	66670	66585	3306
1997-98	69840	70085	2271
1998-99	63980	63095	1252
1999-00	64080	63450	2184
2000-01	62120	62260	3349
2001-02	63550	63875	5766
2002-03	67385	67320	7625
2003-04	70990	70460	9462
2004-05	73060	72905	12313
2005-06	76645	76535	18270
2006-07	78495	78435	19100
2007-08	89250	83165	29675
2008-09	91350	86030	32710
2009-10p	100770	92250	36480
2010-11p	115000	100290	52335

TABLE - 23

**PRODUCTION, IMPORT, EXPORT AND CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER**  
(Tonnes)

Year	PRODUCTION			IMPORT			EXPORT		CONSUMPTION		
	Natural	Synthetic	Total	Natural	Synthetic	Total	Natural	Total	Natural	Synthetic	Total
1996-97	549425	64563	613988	19770	91050	110820	1598		561765	142810	704575
1997-98	583830	71993	655823	32070	86389	118459	1415		571820	160915	732735
1998-99	605045	67590	672635	29534	97548	127082	1840		591545	156395	747940
1999-00	622265	60293	682558	20213	104842	125055	5989		628110	167220	795330
2000-01	630405	65460	695865	8970	106923	115893	13356		631475	170670	802145
2001-02	631400	69653	701053	49769	111572	161341	6995		638210	174530	812740
2002-03	649435	80401	729836	26217	129902	156119	55311		695425	194850	890275
2003-04	711650	89240	800890	44199	104733	148932	75905		719600	210190	929790
2004-05	749665	93854	843519	72835	113095	185930	46150		755405	224650	980055
2005-06	802625	97638	900263	45285	132118	177403	73830		801110	237495	1038605
2006-07	852895	99513	952408	89799	171998	261797	56545		820305	270830	1091135
2007-08	825345	106286	931631	86394	195705	282099	60353		861455	297155	1158610
2008-09	864500	96739	961239	77762	190630	268392	46926		871720	292950	1164670
2009-10	831400	106743	938143	177130	250210	427340	25090		930565	347710	1278275
2010-11P	861950	110340	972290	188337	302030	490367	29851		947715	411830	1359545

TABLE-24

**TOTAL STOCK OF NATURAL AND SYNTHETIC RUBBER WITH PRODUCERS,  
DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH**  
(Tonnes)

Month	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p	2010-11p
April	229380	216370	227885	176240	127700	134260	107080	186370	186420	208085	231485
May	224655	204270	213880	171160	116515	123760	99170	172835	186900	210425	227020
June	214895	185385	200295	156800	106550	115635	89020	150865	179085	216500	222710
July	205440	180975	188335	145710	101085	99285	82010	117580	159605	218365	227510
August	197605	187970	189715	141725	104590	92750	78055	110180	157980	228640	240885
September	203620	199280	187670	142920	114695	91805	79945	108960	167715	242920	271045
October	216200	214300	189740	148950	120955	96700	94750	131455	187990	263595	291370
November	231000	242635	203860	161650	143275	120175	125745	174130	209980	281545	320980
December	248985	273725	220160	182920	164970	141095	168800	217290	245415	307665	353930
January	268740	297000	234865	196160	186740	163440	204200	253530	274600	328720	371035
February	249315	276875	206985	165840	164875	145015	205500	226280	244410	310420	351200
March	229120	245000	185380	136360	143855	118750	191700	195530	221900	246200	323750

TABLE - 25

# PRODUCTION, IMPORT, EXPORT, CONSUMPTION AND STOCK OF NATURAL RUBBER

(Tonnes)

Year	Production	Annual growth rate	Import	Total Supply	Export	Consumption	Annual growth rate	Total Demand	Excess(+) / Deficiency(-) compared with the demand	Stock at the end of the period*
1997-98	583830	6.26	32070	615900	1415	571820	1.79	573235	+ 42665	147300
1998-99	605045	3.63	29534	634579	1840	591545	3.45	593385	+ 41194	187965
1999-00	622265	2.85	20213	642478	5989	628110	6.18	634099	+ 8379	192570
2000-01	630405	1.31	8970	639375	13356	631475	0.54	644831	- 5456	183900
2001-02	631400	0.16	49769	681169	6995	638210	1.07	645205	+35964	193070
2002-03	649435	2.86	26217	675652	55311	695425	8.96	750736	-75084	117995
2003-04	711650	9.59	44199	755849	75905	719600	3.48	795505	-39656	85190
2004-05	749665	5.34	72835	822500	46150	755405	4.98	801555	+20945	110385
2005-06	802625	7.06	45285	847910	73830	801110	6.05	874940	-27030	93020
2006-07	852895	6.26	89799	942694	56545	820305	2.40	878850	+65844	165290
2007-08	825345	-3.23	86394	911739	60353	861455	5.02	921808	-10089	164280
2008-09	864500	4.74	77762	942262	46926	871720	1.19	918646	+23616	196230
2009-10	831400	-3.83	177130	1008530	25090	930565	6.75	955655	+52875	211290
2010-11p	861950	3.67	188337	1050287	29851	947715	1.84	977566	+72721	288300

\*: including year end adjustment



Chart 8  
PRODUCTION AND CONSUMPTION OF NR





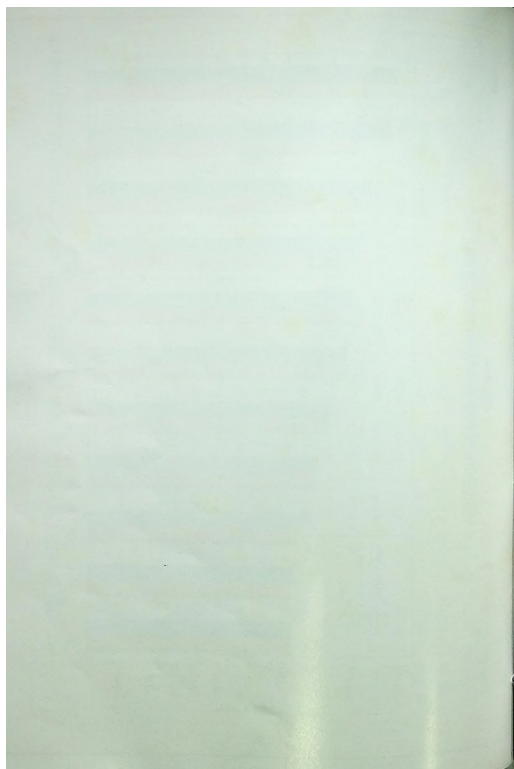


TABLE - 26

**PRODUCTION, IMPORT, CONSUMPTION AND STOCK OF SYNTHETIC RUBBER**  
(Tonnes)

Year	Production	Import	Total	Consumption	Excess(+) / Deficiency(-) compared with demand	Stock at the end of the period
1992-93	57892	47362	105254	108690	- 3436	12390
1993-94	49633	64338	113971	113395	+ 576	14665
1994-95	63681	73860	137541	122710	+ 14831	20285
1995-96	68223	71735	139958	134085	+ 5873	18760
1996-97	64563	91050	155613	142810	+ 12803	31560
1997-98	71993	86389	158382	160915	- 2533	29030
1998-99	67590	97548	165138	156395	+ 8743	42410
1999-00	60293	104842	165135	167220	- 2085	43505
2000-01	65460	106923	172383	170670	+ 1713	45220
2001-02	69653	111572	181225	174530	+ 6695	51930
2002-03	80401	129902	210303	194850	+ 15453	67385
2003-04	89240	104733	193973	210190	- 16217	51170
2004-05	93854	113095	206949	224650	- 17701	33470
2005-06	97638	132118	229756	237495	- 7739	25730
2006-07	99513	171988	271511	270830	+ 681	26410
2007-08	106286	195705	301991	297155	+4836	31250
2008-09	96739	190630	287369	292950	-5581	29670
2009-10	106743	250210	356953	347710	+9243	34910
2010-11p	110340	302030	412370	411830	+540	35450

TABLE - 27

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

State/Union Territory	2006-07			2007-08		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic
Andhra Pradesh	33792	17163	6440	57395	36185	17323
Delhi	16643	1896	1164	19703	16267	1822
Goa, Daman & Diu	34606	7267	1078	42951	34733	8760
Gujarat	60193	16762	2337	79292	66697	18875
Haryana	48297	10297	1645	60239	49719	9975
Jharkhand*	1203	286	155	1644	1186	301
Karnataka	57202	19523	7143	83868	55812	22640
Kerala	126809	50572	8440	185821	142234	53998
Madhya Pradesh**	33901	20055	3071	57027	32419	23815
Maharashtra	106654	39998	12689	159341	111671	41897
Orissa	33981	8369	262	42612	40038	10595
Pondicherry	1884	1859	105	3848	2593	1794
Punjab*	78794	12760	15588	107142	83566	11696
Rajasthan	55294	15263	1952	72509	59385	18669
Tamil Nadu	64731	30060	8717	103508	60607	34205
Uttar Pradesh**	30588	7769	4036	42393	31224	8137
West Bengal	31955	10737	3542	46234	33701	12427
Others	3778	194	71	4043	3418	226
Total	820305	270830	76435	1169570	861455	297155
					83165	1241775

TABLE - 27 (Cont.)

State/Union Territory	2008-09			2009-10*		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic
<b>Andhra Pradesh</b>	50939	19632	7492	<b>78063</b>	52860	21925
<b>Delhi</b>	16137	1890	1116	<b>19143</b>	13140	1360
<b>Goa, Daman &amp; Diu</b>	31950	8323	825	<b>41098</b>	28475	10280
<b>Gujarat</b>	65741	18866	2437	<b>87044</b>	68245	26380
<b>Haryana</b>	49982	9185	1944	<b>61111</b>	50515	9835
<b>Jharkhand@</b>	1071	332	176	<b>1579</b>	895	305
<b>Karnataka</b>	56331	19960	7034	<b>83325</b>	64210	25890
<b>Kerala</b>	139288	48504	9222	<b>197014</b>	147085	61135
<b>Madhya Pradesh**</b>	29615	23136	2660	<b>55411</b>	33010	26210
<b>Maharashtra</b>	109601	42033	15039	<b>166673</b>	116390	46755
<b>Orissa</b>	33955	8524	186	<b>42565</b>	38630	11630
<b>Pondicherry</b>	2963	2361	125	<b>5449</b>	2085	2680
<b>Punjab*</b>	81779	13200	16891	<b>111870</b>	75850	13780
<b>Rajasthan</b>	53046	18450	1334	<b>72830</b>	49560	20320
<b>Tamil Nadu</b>	64360	34723	10654	<b>109937</b>	68380	38970
<b>Uttar Pradesh**</b>	51197	11360	4445	<b>67002</b>	83905	19510
<b>West Bengal</b>	30081	12254	4088	<b>46423</b>	30710	10550
<b>Others</b>	3784	217	162	<b>4163</b>	6620	415
<b>Total</b>	<b>871720</b>	<b>292950</b>	<b>86030</b>	<b>1250700</b>	<b>930565</b>	<b>347710</b>
					<b>92250</b>	<b>1370525</b>

\*, including Chandigarh; \*\*, including Chattisgarh, +, including Uttarakhand, @: including Bihar.

TABLE - 28

# **VALUE OF NATURAL RUBBER IMPORTED FROM VARIOUS COUNTRIES** (Million Rs)

Country	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p	2010-11p
Thailand	633	1716	551	2718	3134	5224	6072	7683
Indonesia	331	700	1028	3462	3319	2466	7135	12955
Malaysia	1062	1548	540	412	369	715	506	1639
Sri Lanka	20	146	121	706	666	639	1347	1142
Vietnam	85	103	246	297	265	168	411	3221
Myanmar	10	29	177	91	21	15	24	117
Singapore	13	28	65	60	29	10	3	39
Others	47	21	17	59	86	135	523	2272
<b>Total</b>	<b>2201</b>	<b>4291</b>	<b>2745</b>	<b>7805</b>	<b>7889</b>	<b>9372</b>	<b>16021</b>	<b>29068</b>

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

TABLE - 29

# VALUE OF SYNTHETIC AND RECLAIMED RUBBER IMPORTED FROM VARIOUS COUNTRIES

(Million Rs)

Country	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10p	2010-11p
Russia	2523	2960	3572	4961	4999	7671	5829	9786
Korea RP	1344	1830	2022	2985	4998	6795	7261	12315
U.S.A	663	951	1421	2480	3052	3491	3391	6120
France	781	1439	1253	1749	1621	1926	1590	2040
Japan	1298	1299	1221	1109	1285	1734	3467	4297
Germany(FR)	493	938	865	1412	1957	1716	1105	1797
U. K.	486	611	571	758	1250	1277	1706	1713
Taiwan	556	722	620	1055	740	1199	1605	3377
Netherlands	216	340	319	341	547	828	786	958
Thailand	605	750	830	676	692	616	1192	1857
Canada	10	15	194	130	202	493	224	189
China P RP	441	609	859	451	560	460	614	1958
Iran	199	63	262	370	220	416	291	411
Belgium	184	232	207	199	274	323	795	906
Brazil	445	588	671	896	483	94	508	137
Others	471	749	678	1145	864	1178	1930	3327
<b>Total</b>	<b>10715</b>	<b>14096</b>	<b>15565</b>	<b>20717</b>	<b>23744</b>	<b>30217</b>	<b>32094</b>	<b>51188</b>

Note: Reclaimed rubber includes waste and scrap of unhardened rubber

Source: "Monthly Statistics of Foreign Trade of India", published by DGC&amp;S, Kolkata.

TABLE - 30

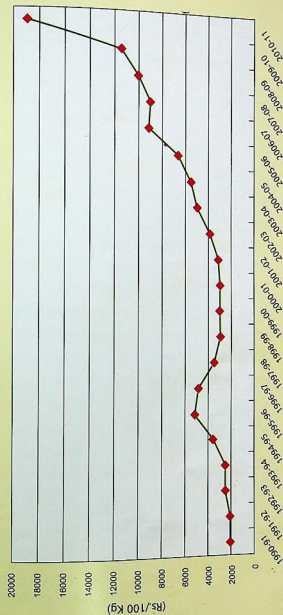
**PRICE OF DIFFERENT GRADES OF NATURAL RUBBER**

(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
1998-99	3553	3362	3136	2994	2856	2648	4443	2759
1999-2000	3538	3415	3272	3099	2955	2845	4091	2920
2000-01	3513	3353	3205	3036	2909	2801	4560	2840
2001-02	3558	3455	3343	3228	3081	2658	4371	2819
2002-03	4283	4183	4083	3919	3693	3513	5293	3706
2003-04	5393	5295	5195	5040	4883	4819	6482	4901
2004-05	5938	5838	5738	5571	5398	5275	7057	5301
2005-06	7036	6932	6831	6699	6494	6318	7879	6432
2006-07	9776	9646	9544	9204	8920	8672	11190	8787
2007-08	9549	9430	9330	9085	8891	8651	10491	8817
2008-09	10502	10402	10302	10112	9897	9388	11604	9692
2009-10	12045	11911	11809	11498	11164	10579	13163	10786
2010-11	19954	19753	19581	19003	18419	17551	20500	17976
1998	3519	3352	3127	3013	2867	2665	4879	2775
1999	3496	3346	3176	2997	2872	2731	3810	2823
2000	3599	3438	3289	3125	2994	2890	4788	2927
2001	3472	3369	3247	3109	2961	2643	4105	2756
2002	3958	3859	3761	3621	3402	3122	5039	3339
2003	5170	5072	4972	4814	4649	4576	6202	4670
2004	5942	5842	5742	5571	5401	5272	7064	5310
2005	6404	6303	6203	6068	5865	5717	7163	5808
2006	9324	9191	9089	8783	8551	8338	10868	8454
2007	9509	9390	9290	9006	8772	8514	10460	8654
2008	11146	11046	10946	10775	10547	10076	11977	10387
2009	10318	10183	10081	9756	9473	8889	11756	9080
2010	17463	17352	17245	16908	16405	15570	18379	15866



Chart 9  
PRICE OF INDIGENOUS RSS4 GRADE RUBBER  
(At Kottayam Market)





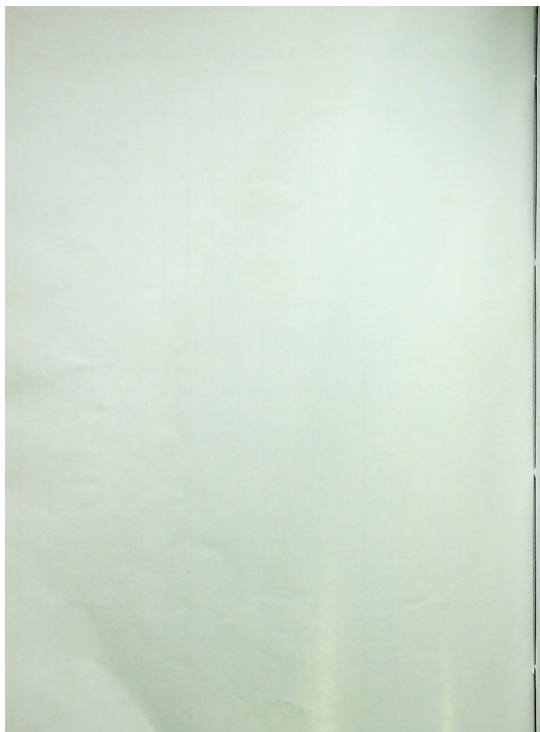


TABLE - 30(a)

## COMPARISON OF DOMESTIC AND INTERNATIONAL PRICE

(Rs/100 Kg)

Year / Month		RSS 5	RSS 4	RSS 3 International	Latex(60% drc)		ISNR 20	SMR 20
		Domestic			Domestic	International		
2004-05		5398	5571	5751	7057	6542	5301	5490
2005-06		6494	6699	7432	7879	8491	6432	6868
2006-07		8920	9204	9779	11190	10883	8787	9041
2007-08		8891	9085	9675	10491	10622	8817	9308
2008-09		9897	10112	10379	11604	11749	9692	9972
2009-10		11164	11498	11113	13163	11988	10786	10582
April	2010	16237	16418	17354	17286	17719	15871	14698
May	"	15708	15983	16715	16999	16628	14360	13069
June	"	16872	17087	16902	19603	17061	15241	13449
July	"	17750	18215	15680	20375	17070	15919	13513
August	"	17128	17952	15442	18512	17194	15440	14265
September	"	16206	16645	16199	18880	17809	15808	15514
October	"	17336	18112	17308	19753	18475	17743	16768
November	"	18844	19876	19614	21537	20555	19377	18746
December	"	19377	20188	21404	21980	23061	19673	20745
January	2011	21250	22160	25061	24915	24949	21725	23722
February	"	22600	23400	28153	24617	26653	23113	25247
March	"	21715	22002	24826	21543	24701	21646	21458
2010-11		18419	19003	19555	20500	20156	17976	17600

- Note: 1. Domestic price refers to Kottayam market
2. International price for RSS 3 refers to Bangkok market except for the period February 2009 to 3-5-2010, for which it refers to SICOM prices
3. International price of latex and SMR 20 refers to Kerala Lumpur market

TABLE - 30(b)

# COMPARISON OF DOMESTIC AND INTERNATIONAL PRICE

( US\$/100 Kg )

Month/Year	RSS 4 Domestic	RSS 3 International	Latex(60% drc)		ISNR 20	SMR 20
			Domestic	International		
April 2010	368.12	389.10	387.58	397.29	355.85	329.55
May "	349.13	365.12	371.32	363.22	313.67	285.47
June "	366.99	363.02	421.03	366.43	327.34	288.85
July "	388.88	334.76	434.99	364.43	339.86	288.49
August "	385.73	331.80	397.77	369.45	331.76	306.51
September "	360.83	351.16	409.28	386.06	338.35	336.31
October "	407.65	389.56	444.59	415.82	399.35	377.40
November "	442.28	436.45	479.24	457.39	431.17	417.13
December "	446.44	473.33	486.07	509.97	435.05	458.76
January 2011	488.54	552.49	549.27	550.02	478.95	522.97
February "	514.51	619.02	541.27	586.04	508.20	555.12
March "	488.82	551.57	478.63	548.79	480.92	476.74
2010-11	417.01	429.12	449.86	442.31	394.48	386.21

Note: 1. Domestic price refers to Kottayam market

2. International price for RSS 3 refers to Bangkok price since 3-5-2010

3. International price of latex and SMR 20 refers to Kuala Lumpur market

TABLE -31

**AVERAGE PRICE OF INDIGENOUS SYNTHETIC RUBBER**

(Rs per 100 kg)

Year	Styrene butadiene (Ex-Bareilly price)			Poly butadiene (Ex-Baroda Price)
	1500/1502	1712	1958	
1990-91	4010	3700	4340	2903
1991-92	4899	4536	5177	3632
1992-93	5184	4824	5463	4000
1993-94	5181	4770	5389	4200
1994-95	4764	4269	5494	4200
1995-96	6212	5629	7105	6048
1996-97	5967	5375	7000	6071
1997-98	4734	4279	6623	5200
1998-99	5076	4569	6543	4525
1999-00	5400	4800	6400	4460
2000-01	—	—	—	5403
2001-02	—	—	—	4925
2002-03	—	—	—	5250
2003-04	—	—	—	6056
2004-05	—	—	—	7413
2005-06	—	—	—	8600
2006-07	—	—	—	8705
2007-08	—	—	—	8813
2008-09	—	—	—	13396
2009-10	—	—	—	10324
2010-11	—	—	—	16141

Note : The prices are exclusive of excise duty and other taxes.

No production of Styrene Butadiene rubber(1500/1502/1712/1958 grades)

since July 1999.

Source : M/s. Synthetics & Chemicals Ltd. and M/s Reliance Industries Ltd.

TABLE - 32

# **DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION OF RUBBER**

(Consumption in tonnes)

Consumption Group	2002-03					2003-04				
	No. of Manufacturers	CONSUMPTION			No. of Manufacturers	CONSUMPTION			Total	
		Natural	Synthetic	Reclaimed		Total	Natural	Synthetic		Reclaimed
A	1894	11892	2852	736	15280	1861	11935	2649	704	15288
B	1939	70874	15167	4211	90252	1842	69139	16124	4223	89486
C	613	42040	11393	4668	58101	602	41206	11191	4666	57063
D	375	86124	37355	20089	143568	369	84197	38155	20578	142930
E	44	24684	3720	1636	30040	52	27731	4743	3079	35553
F	66	459811	124563	35980	620354	65	485392	137328	37210	659930
Total	4931	695425	194850	67320	957595	4791	719600	210190	70460	1000250

Consumption Group	2004-05					2005-06				
	No. of Manufacturers	CONSUMPTION			Total	No. of Manufacturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	1868	12603	3501	713	16817	1838	10573	2638	681	13892
B	1822	67846	16542	4363	88751	1861	66825	16077	4135	87037
C	621	43496	11421	4929	59846	641	42439	11805	4924	59168
D	381	95318	40949	21278	157545	388	98940	41680	20523	161143
E	46	25267	5059	2500	32826	50	31129	4269	2421	37819
F	62	510875	147178	39122	697175	62	551204	161026	43851	756081
Total	4800	755405	224650	72905	1052960	4840	801110	237495	76535	1115140

Note : Regarding Consumption Group, see page 37.

TABLE - 32 (Cont.)

Consumption Group	2006-07				2007-08						
	No. of Manufacturers	CONSUMPTION			No. of Manufacturers	CONSUMPTION					
		Natural	Synthetic	Reclaimed		Natural	Synthetic	Reclaimed	Total		
A	1627	10464	1384	466	12314	1616	10519	1605	435	12559	Total
B	1827	68815	14587	3363	86765	1798	64910	11696	3854	80460	
C	667	46169	11505	4785	62459	679	49712	9652	4434	63798	
D	417	107804	39460	21424	168688	425	104610	41020	22661	168291	
E	48	28326	3312	2126	33764	57	31423	4169	3942	39534	
F	64	558727	200582	46271	805580	66	600281	229013	47839	877133	
Total	4650	820305	270830	78435	1169570	4641	861455	297155	83165	1241775	

Consumption Group	2008-09					2009-10p				
	No. of Manufacturers	CONSUMPTION			No. of Manufacturers	CONSUMPTION				
		Natural	Synthetic	Reclaimed		Total	Natural	Synthetic	Reclaimed	Total
A	1661	10120	1408	385	11913	9160	1960	457	11577	
B	1759	59884	11481	3300	74665	44850	9313	3966	58129	
C	645	43640	10475	3973	58088	37593	11393	5589	54575	
D	422	105566	43584	22124	171274	102640	41685	19663	163988	
E	59	32922	5792	4153	42867	35129	7168	5951	48248	
F	71	619588	220210	52095	891893	701193	276191	56624	1034008	
Total	4617	871720	292950	86030	1250700	930565	347710	92250	1370525	

Note:- A: 10 tonnes and below, B: above 10 tonnes and upto and including 50, C: above 50 tonnes and upto and including 100,

D: above 100 tonnes and upto and including 500, E: above 500 tonnes and upto and including 1000, F: above 1000 tonnes.

TABLE - 33

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

State/ Union Territory	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Kerala	891	906	854	851	896	875	784	778	746	748	726
Maharashtra	612	624	578	563	542	546	547	541	540	522	493
Tamil Nadu	502	503	486	483	483	514	495	522	523	497	482
Punjab*	554	539	522	488	478	478	436	413	411	392	382
Uttar Pradesh	438	439	439	430	426	424	407	413	423	406	395
West Bengal	447	437	435	409	403	406	376	361	353	353	311
Gujarat	378	377	381	368	374	383	396	375	384	393	394
Haryana	289	307	324	324	332	337	338	359	368	362	336
Karnataka	229	219	203	194	199	206	202	218	225	210	205
Delhi	276	242	220	206	195	186	171	152	144	137	125
Andhra Pradesh	139	155	160	160	160	160	157	160	156	157	161
Rajasthan	87	99	111	109	111	115	120	128	139	136	138
Madhya Pradesh	88	86	82	77	61	67	71	68	70	65	60
Goa*	25	31	33	33	26	25	25	24	23	22	25
Jharkhand**					25	24	22	22	22	20	19
Chattisgarh+					13	14	15	14	11	10	9
Orissa	14	13	13	12	10	11	13	13	14	10	9
Assam	6	7	8	9	9	9	9	9	7	7	7
Uttarakhand*					9	10	11	17	16	17	19
Himachal Pradesh	6	10	8	8	8	7	12	17	5	25	27
Bihar	34	28	27	27	3	2	2	1	1	1	1
Others	47	44	47	40	37	43	38	36	36	38	32
<b>Total</b>	<b>5062</b>	<b>5066</b>	<b>4931</b>	<b>4791</b>	<b>4800</b>	<b>4840</b>	<b>4650</b>	<b>4641</b>	<b>4617</b>	<b>4528</b>	<b>4356</b>

\*: Includes Chandigarh; \*\*, upto 2003-04 included in Bihar; +: included in Madhya Pradesh and @: included in Uttar Pradesh.

\*: Includes Daman & Diu, Dadra & Nagar Haveli

Chart 10  
NUMBER OF RUBBER GOODS MANUFACTURERS





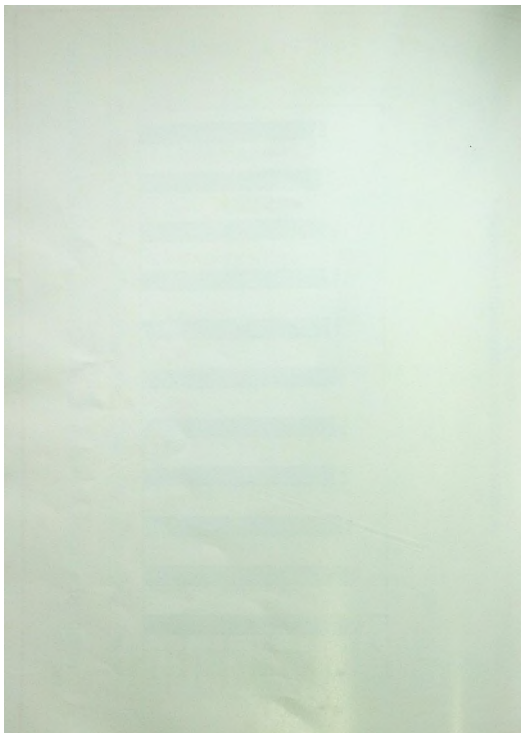


TABLE-34

## PRODUCTION OF TYRES

('000 numbers)

Year	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
<b>Truck &amp; Bus</b>	9863	10821	11092	11941	12367	13137	12839	14811	15668
<b>Tractor</b>	2420	2405	2815	3113	3873	3934	3915	4923	5423
<b>Car</b>	8544	9959	11862	13605	14263	16437	16570	20047	26201
<b>Jeep</b>	1384	1440	1462	1272	1368	1467	1469	1402	1500
<b>L.C.V.</b>	2844	3271	3945	4529	4820	5320	5298	5739	6029
<b>Motor Cycles</b>	15655	16688	18127	21053	26079	27921	30148	35664	43118
<b>Scooter</b>	9875	9274	9992	9519	9643*	11604*	10883*	13557*	20140*
<b>Moped</b>	185	168	124	55	-	-	-	-	-
<b>A.D.V.</b>	456	295	197	324	381	409	281	294	311
<b>O.T.R.</b>	51	74	89	106	115	141	136	161	191
<b>Industrial</b>	309	295	377	515	635	733	568	538	615
<b>Total</b>	<b>51586</b>	<b>54690</b>	<b>60082</b>	<b>66032</b>	<b>73544</b>	<b>81103</b>	<b>82107</b>	<b>97136</b>	<b>119196</b>

\*: Including Moped.

L.C.V. : Light Commercial Vehicle

A.D.V. : Animal Driven Vehicle

O.T.R. : Off the Road

Source: Automotive Tyre Manufacturers' Association, New Delhi.

TABLE-35

## PRODUCTION OF TUBES

('000 numbers)

Year	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11*
Truck & Bus	7852	8851	9439	10522	11257	12016	11911	14142	14990
Tractor	824	906	1053	1232	1425	1443	1333	1970	2006
Car	4728	5331	5947	6990	8509	11490	10773	9922	9127
Jeep	1036	1056	1040	1066	1132	1416	1411	1430	1746
L.C.V.	2133	2633	3100	3775	4156	4147	4213	4912	5232
Motor Cycles	13978	15415	18671	22263	28067	30817	31527	37095	43156
Scooter	5750	5624	6439	7044	7461*	9128*	8242*	11610*	16321*
Moped	176	270	347	227	-	-	-	-	-
A.D.V.	231	187	140	165	213	181	184	235	198
O.T.R.	15	19	26	38	48	60	60	68	97
Industrial	65	50	71	99	108	112	79	64	74
<b>Total</b>	<b>36788</b>	<b>40342</b>	<b>46273</b>	<b>53421</b>	<b>62376</b>	<b>70810</b>	<b>69733</b>	<b>81448</b>	<b>92947</b>

L.C.V. : Light Commercial Vehicle

A.D.V. : Animal Driven Vehicle

O.T.R. : Off the Road

Source: Automotive Tyre Manufacturers' Association, New Delhi.

\*: including Moped.

TABLE - 36

## AUTOMOBILE PRODUCTION AND EXPORT

(000 numbers)

## Automobile Production Trends

Category	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
Passenger Vehicles	1210	1309	1545	1777	1838	2357	2987
Commercial Vehicles	354	391	520	549	417	568	753
Three Wheelers	374	435	556	501	497	619	800
Two Wheelers	6530	7609	8467	8027	8420	10513	13376
<b>Total</b>	<b>8468</b>	<b>9744</b>	<b>11088</b>	<b>10854</b>	<b>11172</b>	<b>14057</b>	<b>17916</b>

## Automobile Export Trends

Category	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
Passenger Vehicles	166	175	198	218	336	446	453
Commercial Vehicles	30	41	50	59	43	45	76
Three Wheelers	67	77	144	141	148	173	270
Two Wheelers	367	513	620	820	1004	1140	1540
<b>Total</b>	<b>630</b>	<b>806</b>	<b>1012</b>	<b>1238</b>	<b>1531</b>	<b>1804</b>	<b>2339</b>

Source: Society of Indian Automobile Manufacturers, New Delhi

TABLE - 37

# CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS

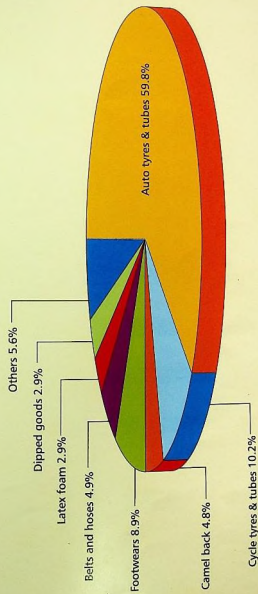
(Tonnes)

Products	2004-05				2005-06				2006-07			
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	379260	124146	15618	519024	422508	134243	16983	573734	444928	159216	18431	622575
2. Cycle tyres & tubes	88827	17341	20927	127095	91700	18153	21789	131642	92587	21588	22649	136824
3. Camel back	40739	11138	4324	56201	42227	11494	4442	58163	40514	13370	4837	58721
4. Footwears	74736	38042	7301	120079	67471	37889	6910	112070	65617	40760	7025	113402
5. Belts and hoses	41443	10497	4743	56683	41956	10747	5288	57991	43136	12095	5534	60765
6. Latex foam	32973	—	—	32973	34466	—	—	34466	36410	—	—	36410
7. Cables and wires	1830	1842	876	4548	1453	1971	960	4384	1589	2074	988	4651
8. Battery boxes	1828	2738	10198	14764	1801	2709	10223	14733	1750	2855	10463	15068
9. Dipped goods	33899	—	—	33899	34947	—	—	34947	36495	—	—	36495
10. Others	59870	18906	8918	87694	62581	20489	9940	93010	57279	18872	8508	84659
Total	755405	224650	72905	1052960	801110	237495	76535	1115140	820305	270830	78435	1169570

\*: Includes Tractor, Aero, ADV and Off-the-road.

NR - Natural Rubber, SR - Synthetic Rubber &amp; RR - Reclaimed Rubber.

Chart 11  
TOTAL CONSUMPTION OF RUBBER  
ACCORDING TO END PRODUCTS 2009-10



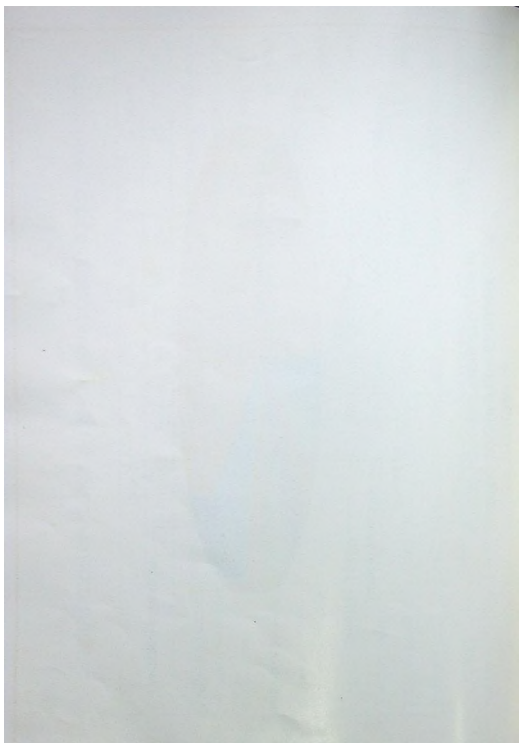


Chart 12  
CONSUMPTION OF NR ACCORDING TO END PRODUCTS 2009-10

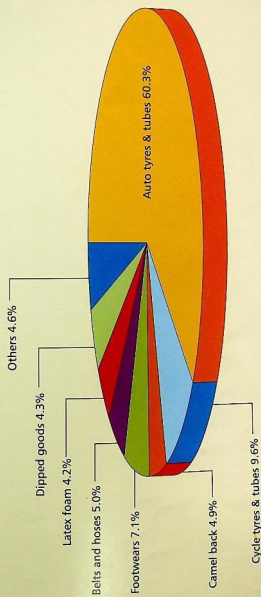






TABLE - 37(Cont.)

Products	2007-08				2008-09				2009-10p			
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	470619	179620	20513	670752	482575	175809	21955	680339	561610	228175	29720	819505
2. Cycle tyres & tubes	97980	20942	24689	143311	96282	20845	23705	140832	89085	24965	25355	139405
3. Camel back	41057	13320	4682	59059	46953	11150	4498	62601	45140	15625	5385	66150
4. Footwears	69817	45383	6905	122105	68325	45950	8325	122600	66355	46160	8860	121375
5. Belts and hoses	46045	13005	6328	65378	48863	11455	6960	67278	46170	13735	7940	67845
6. Latex foam	38522	—	—	38522	38445	—	—	38445	39465	—	—	39465
7. Cables and wires	1640	2188	940	4768	1550	1984	955	4489	—	—	—	—
8. Battery boxes	1731	2949	10552	15232	1665	2819	9885	14369	—	—	—	—
9. Dipped goods	38417	—	—	38417	38720	—	—	38720	40310	—	—	40310
10. Others*	55927	19748	8556	84231	48342	22938	9747	81027	42430	19050	14990	76470
Total	861455	297155	83165	1241775	871720	292950	86030	1250700	930565	347710	92250	1370525

@ : include battery boxes , cables and wires in 2009-10.

TABLE - 38

## VALUE OF RUBBER PRODUCTS EXPORTED

(Rs Crore)

Products	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11p
1. Automobile tyres and tubes including tyre retreading materials	1242.04	1475.84	1752.69	2383.15	2832.31	3483.07	3584.93	3624.66	4356.50
2. Beltings	139.40	223.62	259.95	271.59	247.73	209.96	335.18	243.92	366.40
3. Cycle tyres and tubes	267.33	292.83	217.12	229.26	272.67	202.96	400.48	301.95	390.00
4. Hoses	54.17	76.55	110.00	123.52	148.39	145.00	162.13	136.67	240.00
5. Hygienic, medical & surgical articles including gloves	211.90	220.43	206.10	262.17	261.28	263.79	590.55	360.90	408.00
6. Rubber footwear with canvas upper	131.49	317.06	331.50	242.88	220.34	184.81	200.22	206.03	257.86
7. Rubber coats & aprons for textile industry	21.15	23.81	31.97	23.69	45.81	20.67	17.89	16.56	7.50
8. Rubber sheetings	94.57	132.29	166.11	233.66	318.37	352.38	404.56	444.44	510.00
9. Others	366.26	436.64	530.79	763.23	863.62	887.44	1186.95	1078.22	1390.40
<b>Total</b>	<b>2528.31</b>	<b>3199.07</b>	<b>3606.23</b>	<b>4533.15</b>	<b>5210.52</b>	<b>5750.08</b>	<b>6882.89</b>	<b>6413.35</b>	<b>7926.66</b>

Source : CAPEXIL, Kolkata and Council for Leather Exports, Chennai.

Chart 13  
VALUE OF RUBBER PRODUCTS EXPORTED  
(Rs. Crore)

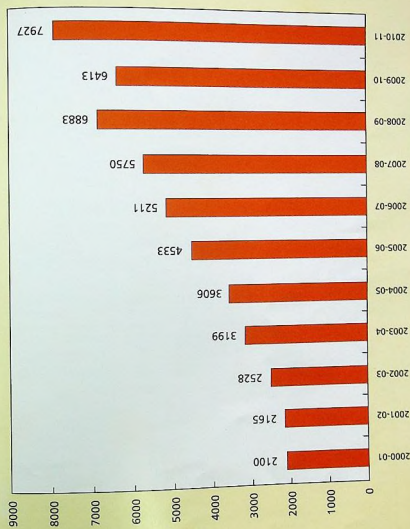




TABLE - 39

# **QUANTITY AND VALUE OF RUBBER PRODUCTS IMPORTED** (Value in '000 Rs)

Products	Unit	2004-05		2005-06		2006-07	
		Quantity	Value	Quantity	Value	Quantity	Value
<b>1. TYRES</b>							
Aircraft	Nos.	4108	93690	6874	211197	14005	349986
Bicycles	"	230344	20959	135753	8761	185014	17358
Motor car, Truck & Bus	"	990531	1415319	1200847	1822611	2375008	4796434
Tractor and other OTR	"	18124	43395	10262	123786	45246	293947
Motor cycles & Scooters	"	109516	60682	193368	107495	103896	59577
Solid/Cushion tyres							
interchangeable tyre treads	Tonnes	15	4028	32	14459	16	7925
Others	Nos.		406578		704302		1009303
<b>Total</b>			<b>2044651</b>		<b>2992611</b>		<b>6534530</b>
<b>2. TUBES</b>							
Aircraft	Nos.	154	930	265	2413	52	188
Bicycle	"	8372	1706	87737	1423	88530	4469
Motor car, Truck and Bus	"	37280	19882	33649	18088	91460	42964
Tractor and other OTR	"	2180	4674	3156	10937	8808	7406
Motor cycle	"	1821	259	9934	2494	69127	5241
Others	"	60247	11993	83451	10672	9176	10345
<b>Total</b>			<b>39444</b>		<b>46027</b>		<b>70613</b>
<b>3. FLAPS</b>	Tonnes	314	51346	105	33375	190	31635
<b>4. HYGIENIC &amp; PHARMACEUTICALS</b>							
Contraceptives	Tonnes	100	46725	301	123425	271	105546
Others	"	168	54456	168	89834	236	98991
<b>5. BELTING</b>							
Conveyor	Tonnes	1010	337393	956	409925	5161	1192447
Others	"	1266	777786	2136	972803	2598	1251972
<b>6. LATEX FOAM SPONGE</b>	"	42	4768	96	17586	52	8998
<b>7. EBONITE</b>	"	220	11892	1680	22012	1442	31395
<b>8. VULCANISED RUBBER THREAD &amp; CORD</b>	"	1439	139564	1327	113438	2146	170222
<b>9. OTHER ARTICLES OF RUBBER</b>			7783956		9055572		11551515
<b>Grand Total</b>			<b>11291981</b>		<b>13876608</b>		<b>21047864</b>

TABLE-39(Cont.)

Products	Unit	2007-08		2008-09		2009-10p	
		Quantity	Value	Quantity	Value	Quantity	Value
1. TYRES							
Aircraft	Nos.	17655	546252	18844	593888	17010	518100
Bicycles	"	148237	16278	215335	19130	86600	27038
Motor car, Truck & Bus	"	2954782	7044976	3884903	8503201	4355877	11449325
Tractor and other OTR	"	45884	261303	35851	639913	111599	263153
Motor cycles & Scooters	"	172556	97594	43201	38330	354419	158742
Solid/Cushion tyres							
interchangeable tyre treads	Tonnes	30	11841	28	13605	87	9799
Others			2329090		2475194		1893939
Total		10307334		12283261		14320096	
2. TUBES							
Aircraft	Nos.	394	961	582	2866	677	2562
Bicycles	"	110323	2049	64998	4525	234508	9715
Motor car, Truck and Bus	"	176282	64621	168144	70056	268452	136208
Tractor and other OTR	"	1641	2925	82660	3211	13699	12215
Motor cycle	"	131607	5442	135946	10570	157233	6558
Others	"	58277	8740	10638	8809	27932	11268
Total		84738		100037		178526	
3. FLAPS							
	Tonnes	137	46013	150	38400	227	58500
4. HYGIENIC & PHARMACEUTICALS							
Contraceptives	Tonnes	430	138720	3665	107902	238	95446
Others	"	919	186593	382	156249	539	241647
5. BELTING							
Conveyor	"	1425	693801	2147	838247	3500	986160
Others	"	3820	1527796	3621	1607312	4335	1672763
6. LATEX FOAM SPONGE							
	"	89	15645	86	18705	118	22399
7. EBONITE							
	"	1506	30590	637	35273	1046	25112
8. VULCANISED RUBBER							
THREAD & CORD	"	2610	196137	2472	243997	2835	280273
9. OTHER ARTICLES OF RUBBER							
			13832748		17647562		18998083
Grand Total		27060115		33076945		36879005	

Source: "Monthly Statistics of Foreign Trade of India (Annual number)", Published by DGCI&amp;S, Kolkata.

TABLE - 40

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

State/Union Territory	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Kerala	8620	8737	9051	9224	8930	8779	8559	8515	8422
Tamil Nadu	195	199	200	211	203	212	233	245	240
Tripura	113	119	130	149	165	185	197	217	237
Karnataka	115	118	126	119	117	117	121	118	109
Punjab*	157	156	147	137	130	124	119	124	121
Delhi	120	112	117	117	111	112	113	110	108
Maharashtra	95	105	92	89	80	86	85	80	81
West Bengal	76	71	75	75	72	72	66	75	76
Uttar Pradesh	67	65	67	68	63	63	66	71	68
Haryana	38	42	42	46	42	46	53	58	54
Gujarat	42	40	41	41	41	38	34	35	37
Assam	24	24	28	35	33	29	34	31	29
Rajasthan	22	21	23	20	20	20	24	22	24
Meghalaya	14	15	14	11	9	14	14	13	8
Andhra Pradesh	6	6	7	9	6	7	6	6	7
Jharkhand**			3	5	4	5	5	5	4
Uttarakhand	3	4	3	5	5	5	5	0	0
Pondicherry	4	3	2	3	1	1	1	1	1
Madhya Pradesh*	2	3	3	2	4	6	7	7	7
Nagaland	4	3	3	2	2	1	1	1	1
Bihar	4	3	1	1	1	0	0	0	0
Goa, Daman & Diu	1	2	1	1	0	0	0	0	0
Andaman & Nicobar	3	1	1	1	4	4	4	4	4
Orissa	1	0	1	1	1	1	2	2	2
Others*	0	0	0	0	0	0	0	1	3
Grand Total	9722	9842	10175	10373	10044	9927	9749	9741	9643

\*: Including Chandigarh, \*\*: Upto 2003-04 included in Bihar, @: including Chattisgarh, #: includes Jammu & Kashmir and Arunachal Pradesh.



TABLE -41

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

District	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Thiruvananthapuram	768	796	864	909	904	885	888	898	907
Kollam	1134	1256	1349	1411	1405	1412	1435	1377	1367
Pathanamthitta	1069	1081	1132	1197	1168	1149	1115	1091	1056
Alappuzha	151	168	210	217	226	211	210	198	193
Kottayam	2304	2205	2206	2202	2076	2014	1877	1856	1820
Idukki	409	394	391	379	354	343	331	327	329
Ernakulam	1105	1083	1112	1108	1026	985	951	961	933
Thrissur	163	167	175	175	163	161	154	147	153
Palakkad	350	368	392	410	433	429	419	438	435
Malappuram	408	431	435	442	430	429	416	424	416
Kozhikode	191	190	182	171	160	159	146	154	154
Wynad	57	57	58	56	60	62	66	63	66
Kannur	423	445	464	460	431	437	439	457	466
Kasaragod	88	86	81	87	94	103	112	124	127
Total	8620	8737	9051	9224	8930	8779	8559	8515	8422

TABLE - 42

# **AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS**

Year	Numbers	Year	Numbers
1977	168475	1994	315900
1978	176925	1995	322300
1979	184320	1996	328900
1980	192578	1997	335450
1981	199775	1998	341320
1982	206790	1999	345200
1983	212613	2000	347700
1984	220434	2001	348700
1985	227780	2002	354300
1986	235351	2003	372770
1987	244477	2004	380320
1988	257742	2005	388050
1989	271601	2006	397000
1990	282674	2007	420000
1991	293108	2008	433000
1992	304618	2009p	445000
1993	310800	2010p	464000

Source : Ministry of Food and Agriculture (Govt. of India)  
Govt. of Kerala and Rubber Board

TABLE - 43  
COLLECTION OF EXCISE DUTY AND MISCELLANEOUS RECEIPTS OF THE  
RUBBER BOARD  
(Million Rs)

Year	Excise Duty on Rubber Collected	Sale of rubber from experiment stations	Sale of planting materials from nurseries	Others*	Total
1994-95	262.34	9.22	5.28	65.26	342.10
1995-96	435.77	10.74	6.74	87.00	540.25
1996-97	469.97	6.50	7.36	99.10	582.93
1997-98	482.03	5.74	8.04	113.50	609.31
1998-99	500.47	5.29	6.72	114.50	626.98
1999-00	755.63	12.30	6.70	126.63	901.26
2000-01	821.91	7.38	5.93	133.56	968.78
2001-02	811.37	7.81	5.27	66.20	890.65
2002-03	820.49	13.41	6.56	123.65	964.11
2003-04	850.07	18.54	6.51	83.52	958.64
2004-05	957.52	18.93	7.27	65.82	1049.54
2005-06	962.58	28.18	9.05	130.04	1125.85
2006-07	1012.20	37.14	9.81	129.40	1188.55
2007-08	975.50	38.52	12.75	133.54	1160.31
2008-09	1039.06	41.15	13.28	198.78	1292.27
2009-10p	1001.81	19.44	13.36	149.97	1184.58
2010-11p	1032.50	46.60	13.75	179.77	1272.62

\* : Figures from 1994-95 include recovery of the cost of plantation inputs distributed through RPSs.

TABLE - 44

## SCHEME-WISE EXPENDITURE OF THE RUBBER BOARD

(Rs Crore)

Scheme	XI Plan				
	Approved Outlay	Expenditure			
		2007-08	2008-09	2009-10	2010-11
Rubber Plantation Development	240.00	39.17	57.74	68.08	64.13
Rubber Research	60.00	11.97	18.05	15.48	16.44
Processing, Quality Upgradation & Product Development of rubber	44.00	7.87	5.56	3.40	3.89
Market Development and Export Promotion of rubber	44.00	6.71	6.12	5.81	6.95
Human Resource Development	42.00	8.01	9.73	9.05	8.16
Rubber Development in North Eastern region	150.00	20.12	23.92	31.26	41.40
Total	580.00	93.85	121.12	133.08	140.97

TABLE - 45

**PROGRESS IN DISTRIBUTION OF PLANTING MATERIALS**  
**(Distributed directly by the Rubber Board)**

(In Numbers)

Year	Brown Budded Stumps	Green budded Stumps	Budwood *
1994	856158	465838	873
1995	549162	527290	7168
1996	645553	405121	23050
1997	900489	402377	15216
1998	736954	248238	1754
1999	557807	187895	311
2000	630566	208283	2391
2001	435122	104944	34521
2002	667524	166208	47262
2003	374535	136598	40989
2004	487938	192825	60784
2005	596263	103460	60862
2006	536768	57371	59460
2007	481932	102319	41081
2008	574764	100110	66831
2009p	284802	39840	34861
2010p	396277	200245	101206

\* : In Metres

TABLE - 46

## RUBBER MARKETED BY CO-OPERATIVE SOCIETIES

Year	No. of Societies	Rubber Marketed (Tonnes)	Year	No. of Societies	Rubber Marketed (Tonnes)
1979-80	50	10200	1995-96	262	60000
1980-81	53	9336	1996-97	269	62000
1981-82	54	11067	1997-98	288	62900
1982-83	58	11077	1998-99	295	63480
1983-84	59	11984	1999-00	272	80494
1984-85	60	12960	2000-01	281	101923
1985-86	62	21036	2001-02	285	103611
1986-87	116	24651	2002-03	286	120438
1987-88	116	25781	2003-04	293	106890
1988-89	118	31246	2004-05	291	74230
1989-90	118	30413	2005-06	293	88150
1990-91	125	29285	2006-07	279	73030
1991-92	146	48665	2007-08	270	58055
1992-93	146	34260	2008-09	267	38500
1993-94	219	50719	2009-10	263	34345
1994-95	231	55934	2010-11p	264	35470

Note: From 1986-87 onwards, include Rubber Producers' Societies.

TABLE - 47

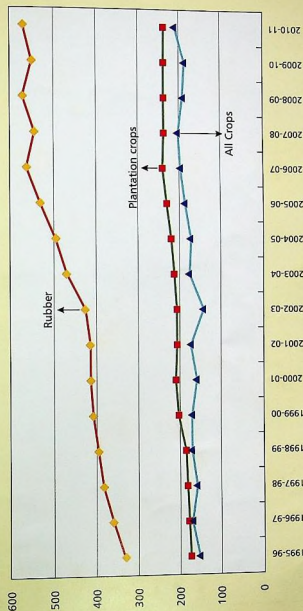
## INDEX NUMBERS OF AGRICULTURAL PRODUCTION

(Base: Triennium ending 1981-82=100)

Year	Rubber	Tea	Coffee	Plantation Crops	Rice	Wheat	Food Grains	Non-food Grains	All Crops
1995-96	334.6	139.1	160.5	176.5	154.8	176.4	146.1	185.4	160.7
1996-97	362.7	144.5	148.2	182.4	164.4	197.0	160.9	200.9	175.7
1997-98	385.4	144.5	148.2	186.2	166.0	188.5	155.7	181.6	165.3
1998-99	399.4	144.5	148.2	188.6	173.0	202.5	165.2	199.4	177.9
1999-00	410.8	149.0	210.1	205.3	180.3	217.0	169.7	189.0	176.9
2000-01	416.2	151.3	216.8	209.0	170.9	198.0	158.4	178.2	165.7
2001-02	416.8	151.1	216.3	208.9	187.7	206.7	172.5	189.5	178.8
2002-03	428.7	151.1	216.3	208.9	144.4	166.8	140.4	166.4	150.1
2003-04	469.8	156.6	192.3	216.8	178.0	205.0	172.0	201.5	182.9
2004-05	494.9	159.2	206.2	225.4	167.2	195.0	159.9	206.7	177.3
2005-06	529.9	168.7	200.8	236.3	184.6	197.0	169.2	230.3	191.9
2006-07	563.0	175.1	186.2	243.3	187.7	215.4	175.9	242.9	200.7
2007-08	544.9	168.4	186.2	238.9	194.4	223.2	186.8	247.3	207.1
2008-09	570.7	168.4	188.8	240.7	199.4	229.2	189.8	223.0	194.1
2009-10p	548.9	168.4	208.4	240.0	179.1	229.6	176.5	226.2	191.4
2010-11p	569.0	168.4	215.2	241.1	191.7	244.1	195.5	256.3	215.3

Source: Directorate of Economics &amp; Statistics, Department of Agriculture &amp; Cooperation and Rubber Board.

Chart 14  
MOVEMENT OF PRODUCTION INDICES  
(BASE 1981-82 = 100)





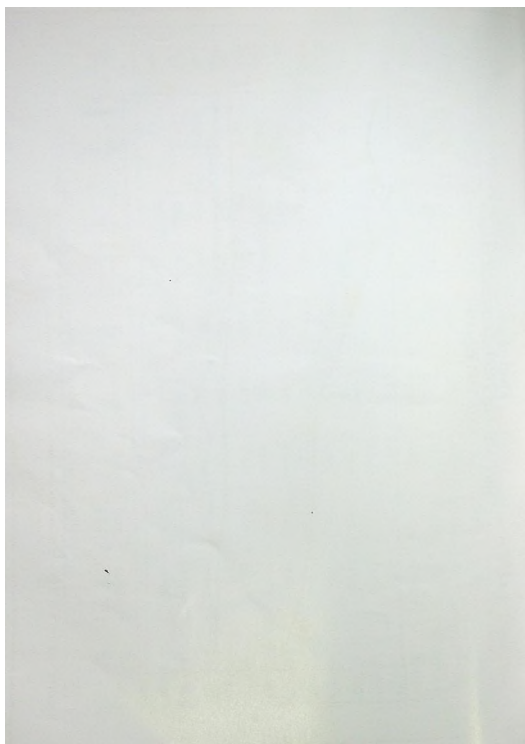


TABLE - 48

## INDEX NUMBERS OF PRODUCTIVITY

(Base: Triennium ending 1981-82 = 100)

Year	Rubber	Tea	Coffee	Plantation Crops	Rice	Wheat	Food Grains	Non-food Grains	All Crops
1995-96	182.5	122.4	114.4	136.1	144.8	156.5	143.1	135.8	139.9
1996-97	192.9	127.0	101.9	137.5	151.7	168.9	154.5	143.8	149.8
1997-98	198.8	127.0	101.2	139.2	153.1	156.7	148.4	132.3	141.4
1998-99	200.6	125.8	121.1	129.4	154.8	163.3	154.0	141.3	148.4
1999-00	202.3	115.3	129.1	138.4	160.0	175.2	159.8	136.4	149.6
2000-01	202.3	113.3	130.7	137.3	153.2	170.7	152.8	133.2	144.4
2001-02	202.3	112.7	129.5	136.7	167.5	174.1	164.1	139.1	153.3
2002-03	204.4	112.7	129.5	136.7	140.6	164.5	143.2	124.7	135.0
2003-04	213.5	114.5	125.6	140.5	167.5	171.0	165.3	151.2	159.2
2004-05	218.9	116.0	134.7	144.6	159.9	164.0	156.5	147.9	152.5
2005-06	230.6	115.3	124.4	137.9	169.4	165.1	176.7	163.5	180.6
2006-07	241.2	117.1	114.7	139.7	171.7	170.7	180.4	169.9	185.8
2007-08	230.9	112.7	114.7	137.2	177.4	176.7	191.1	170.9	190.6
2008-09	239.7	112.7	100.0	115.8	175.5	183.3	196.1	150.0	178.4
2009-10p	227.9	112.7	109.0	113.4	171.3	179.0	184.7	157.8	179.4
2010-11p	231.8	112.7	112.7	113.9	180.5	185.2	197.4	170.7	194.1

Source: Directorate of Economics &amp; Statistics, Department of Agriculture &amp; Cooperation and Rubber Board

TABLE - 49

**GROSS DOMESTIC PRODUCT AND CONSUMER PRICE INDEX**

Year	Gross Domestic Product at factor cost (Rs Crore)	Annual growth rate (%)	Year	All India Consumer Price Index* (Base 1986-87=100)
<b>At 1999-2000 prices</b>				
1987-88	880267	3.5	1987-88	107
1988-89	969702	10.2	1988-89	120
1989-90	1029178	6.1	1989-90	127
1990-91	1083572	5.3	1990-91	136
1991-92	1099072	1.4	1991-92	163
1992-93	1158025	5.4	1992-93	183
1993-94	1223816	5.7	1993-94	189
1994-95	1302076	6.4	1994-95	212
1995-96	1396974	7.3	1995-96	237
1996-97	1508378	8.0	1996-97	256
1997-98	1573263	4.3	1997-98	264
1998-99	1678410	6.7	1998-99	293
1999-00	1786526	6.4	1999-00	306
2000-01	1864301	4.4	2000-01	305
2001-02	1972606	5.8	2001-02	309
2002-03	2048286	3.8	2002-03	319
2003-04	2222758	8.5	2003-04	331
<b>New Series at 2004-05 prices</b>				
2004-05	2967599	7.5	2004-05	340
2005-06	3249130	9.5	2005-06	353
2006-07	3564627	9.7	2006-07	380
2007-08	3893457	9.2	2007-08	409
2008-09	4162509	6.9	2008-09	450
2009-10p	4493743	8.0	2009-10p	513
2010-11p	4877842	8.5	2010-11p	564

Source : Economic Survey, Govt. of India, Reserve Bank of India and Labour Bureau,  
Govt. of India

\* : For Agricultural Labourers.

TABLE - 50

## INDEX NUMBERS OF WHOLESALE PRICES OF SELECTED COMMODITIES

(Base: 2004-05 = 100)

Commodities	2005-06	2006-07	2007-08	2008-09p	2009-10p	2010-11p
All Commodities	104.5	111.4	116.6	126.0	130.8	143.3
Food - grains	107.3	122.4	130.9	145.3	166.4	174.4
Fruits & Vegetables	108.0	111.8	124.6	134.9	147.8	172.1
Condiments & Spices	94.5	136.7	142.9	151.2	182.7	244.0
Oil seeds	90.4	94.5	113.2	131.2	135.0	141.3
Minerals	115.2	136.6	152.8	186.5	202.9	253.3
Electricity	102.6	105.3	106.2	106.4	107.4	113.2
Edible Oils	94.1	102.5	116.0	121.6	114.4	120.6
Tea & Coffee processing	99.4	103.8	108.7	125.1	144.8	149.8
Textiles	98.9	100.8	101.5	103.2	106.7	119.6
Leather & Leather Products	104.3	112.5	116.0	122.3	128.4	127.1
Raw Rubber	119.8	164.9	163.8	182.7	205.7	338.7
Rubber & Plastic Products	101.9	107.6	112.2	117.3	118.2	126.1
Tyres & Tubes	103.2	112.9	119.9	125.9	130.1	146.5
Plastic Products	101.1	106.2	109.5	113.8	113.4	119.1
Rubber Products	103.2	107.2	113.8	120.7	122.4	129.5
Chemicals & Chemical Products	103.8	108.9	112.8	118.1	117.8	124.0
Fertilisers & Pesticides	102.2	105.0	108.4	107.4	108.5	116.3
Motor Vehicles	101.3	103.3	105.3	110.1	111.6	113.8

Source: "Index number of wholesale prices in India", Published by the Office of Economic Advisor, Ministry of Commerce &amp; Industry, Govt. of India.

## WORLD RUBBER STATISTICS

TABLE - 51

### AREA UNDER RUBBER IN MAIN PRODUCING COUNTRIES

(In '000 Hectares)

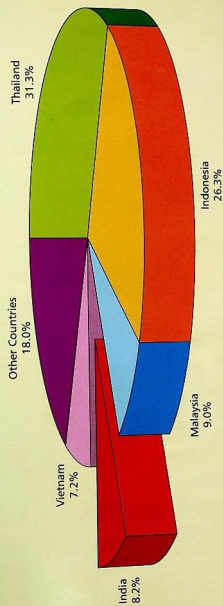
Country	End of	Holdings	Estates	Total
Indonesia	2010	NA	NA	3445
Thailand	2010	NA	NA	2785
Malaysia	2010	956	64	1020
China	2010	NA	NA	1005
India	2010	641	71	712
Vietnam	2010	381	359	740
Myanmar	2006	NA	NA	295
Nigeria	2009	112	61	173
Brazil	2010	NA	NA	170
Cote d'Ivoire	2010	130	50	180
Sri Lanka	2010	79	47	126
Liberia	1999	49	60	109
Philippines	2010	NA	NA	138
Cameroon	2005	10	40	50
D.R. of Congo	1999	10	25	35

Note : Estate area refers to holdings of 40 ha and over except for India where it refers to holdings of over 10 ha

NA : Not available.

Source : Rubber Statistical Bulletin, International Rubber Study Group, Singapore

Chart 15  
SHARE OF INDIA IN WORLD PRODUCTION OF NR 2010



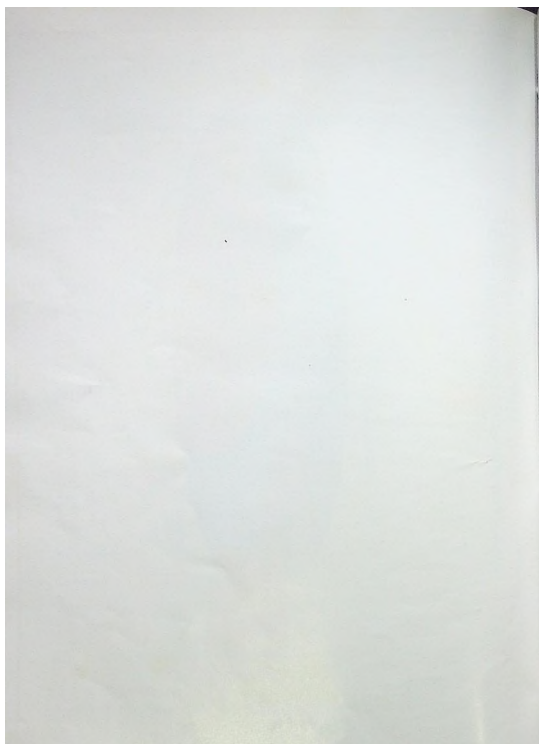


TABLE 52: *International Rubber Study Group* INTERNATIONAL RUBBER STUDY GROUP QUANTITATIVE DATA  
 (Source: *Rubber Statistical Bulletin*, International Rubber Study Group, Singapore, 1997:23)

PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES

	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873	872	871	870	869	868	867	866	865	864	863	862	861	860	859	858	857	856	855	854	853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803	802	801	800	799	798	797	796	795	794	793	792	791	790	789	788	787	786	785	784	783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768	767	766	765	764	763	762	761	760	759	758	757	756	755	754	753	752	751	750	749	748	747	746	745	744	743	742	741	740	739	738	737	736	735	734	733	732	731	730	729	728	727	726	725	724	723	722	721	720	719	718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	702	701	700	699	698	697	696	695	694	693	692	691	690	689	688	687	686	685	684	683	682	681	680	679	678	677	676	675	674	673	672	671	670	669	668	667	666	665	664	663	662	661	660	659	658	657	656	655	654	653	652	651	650	649	648	647	646	645	644	643	642	641	640	639	638	637	636	635	634	633	632	631	630	629	628	627	626	625	624	623	622	621	620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604	603	602	601	600
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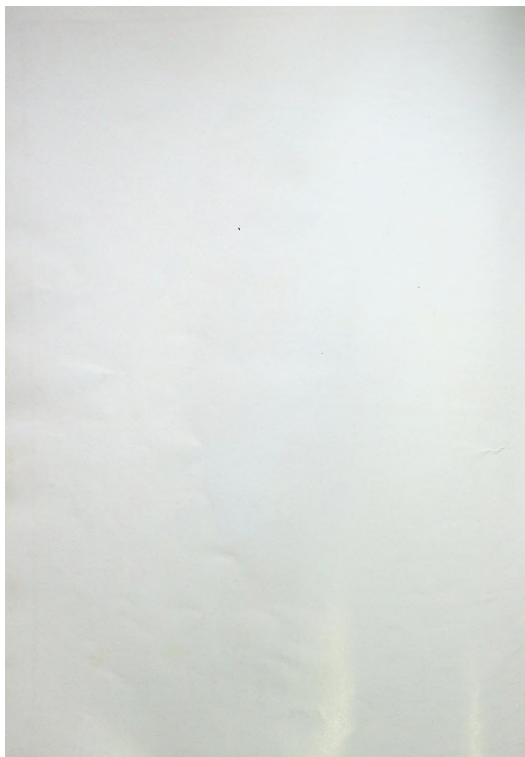




TABLE-53

# CONSUMPTION OF NATURAL RUBBER IN MAIN CONSUMING COUNTRIES

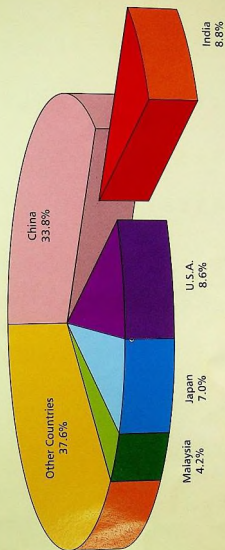
(In '000 Tonnes)

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009p	2010p
China	1080	1330	1395	1538	2000	2275	2769	2843	2947	3384	3646
U.S.A.	1195	974	1111	1079	1144	1159	1003	1018	1041	687	926
India	638	631	680	717	745	789	815	851	881	905	944
Japan	752	729	749	784	815	857	874	887	878	636	750
Malaysia	364	401	408	421	403	387	383	450	469	470	458
Indonesia	139	142	145	156	196	221	352	383	412	352	421
Thailand	243	253	278	289	319	335	321	374	398	399	459
Rep. of Korea	332	332	326	333	352	370	364	377	358	330	384
Brazil	227	216	233	256	285	302	294	345	357	279	374
Germany	250	246	247	258	242	259	269	282	247	175	291
France	270	282	226	218	230	230	220	220	200	109	136
Spain	163	176	181	188	192	186	189	195	178	125	174
Canada	148	131	155	146	146	156	145	138	138	103	146
Italy	139	137	134	138	151	154	152	145	134	89	110
Taiwan	92	90	107	115	120	114	100	115	97	90	112
U.K.	123	98	76	91	86	82	68	91	77	44	57
Russian Fed.	36	36	19	32	29	34	41	42	39	25	49
Others*	1122	1129	1084	1183	1261	1296	1331	1422	1324	1127	1341
<b>World</b>	<b>7313</b>	<b>7333</b>	<b>7554</b>	<b>7952</b>	<b>8716</b>	<b>9206</b>	<b>9690</b>	<b>10178</b>	<b>10175</b>	<b>9329</b>	<b>10778</b>

Italics : estimated, \* : countries not reported separately.

Source : Rubber Statistical Bulletin, International Rubber Study Group, Singapore

Chart 16  
SHARE OF INDIA IN WORLD CONSUMPTION OF NR 2010



Source: International Rubber Study Group, Singapore  
 continuing not published separately

TABLE - 55

COUNTRY-WISE EXPORT OF NATURAL RUBBER		(in '000 Tonnes)									
Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009p	2010p
Thailand	2166	2042	2354	2574	2637	2632	2772	2704	2675	2726	2866
Indonesia	1380	1497	1502	1661	1875	12025	12230	142416	1332297	102061	132369
Malaysia	430	345	887	947	1106	1143	1285	1213	1155	1088	1245
Vietnam	254	1270	1455	13432	11513	13554	132704	50716	182659	130731	136782
Liberia	105	107	109	107	115	111	94	121	85	60	62
India	513	3424	5844	5863	53072	53560	55871	33030	53577	53816	38522
Philippines	331	320	358	345	345	331	382	216	339	335	289
Cambodia	39	38	40	36	32	84	28	25	25	15	36
SR Lanka	1133	132	1136	11535	11240	111032	101546	105650	103546	10254	30150
Nigeria	36	30	24	22	29	25	24	25	26	32	39
Others	5800	5804	5805	5773	5804	5802	5809	5803	5808	58036	58104

Italics : estimated

Source Rubber Statistical Bulletin, International Rubber Study Group, Singapore

COUNTRY-WISE IMPORT OF NATURAL RUBBER

INRUP-08

TABLE - 56

# PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES

(In '000 Tonnes)

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009p	2010p
U.S.A.	2397	2062	2164	2270	2289	2312	2569	2658	2275	1962	2322
China	836	1052	1133	1272	1478	1632	1845	2215	2325	2856	3100
Japan	1592	1466	1522	1577	1616	1627	1607	1655	1651	1303	1595
Russian Federation	837	919	919	1070	1116	1146	1219	1210	1173	1125	1379
Rep. of Korea	678	663	685	710	720	770	848	1010	970	1149	1219
Germany	849	828	869	888	905	855	865	803	791	743	935
France	669	672	681	718	776	655	664	655	566	465	568
Taiwan	465	480	523	529	561	548	575	628	590	606	639
Brazil	373	342	384	407	429	416	418	425	382	385	416
U.K.	286	333	337	327	351	344	305	318	302	248	238
Italy	285	274	250	244	235	233	235	220	200	200	237
Mexico	187	173	182	180	188	182	186	204	198	164	190
Netherlands	200	188	176	176	180	186	182	194	177	166	150
Poland	102	83	82	85	104	104	120	123	114	112	151
India	60	69	78	86	95	96	101	104	99	104	109
Canada	186	146	136	74	120	118	116	132	135	107	136
Belgium	104	104	104	104	108	106	107	107	94	104	130
Others*	713	629	652	624	706	743	657	700	669	616	693
World	10819	10483	10877	11341	11977	12073	12629	13376	12741	12415	14207

Italics: estimated, \* : countries not reported separately.

Source : Rubber Statistical Bulletin, International Rubber Study Group, Singapore

Source: Rubber Study Group, International Rubber Study Group, Singapore  
 "Country-wise export of natural rubber"  
 TABLE - 55

COUNTRY-WISE EXPORT OF NATURAL RUBBER (In '000 Tonnes)											
Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009p	2010p
Thailand	2166	2042	2354	2574	2637	2632	2772	2704	2675	2726	2866
Indonesia	1380	1497	1502	1661	1875	1720	17290	172416	1332237	1072061	132369
Malaysia	430	345	887	947	1106	1143	1285	1213	1155	1088	1245
Vietnam	254	1270	1455	17432	17513	17554	17704	17716	17716	17716	17716
Liberia	105	107	109	107	115	111	94	121	85	60	62
India	513	514	524	583	51072	585	586	71	585	77	528
Cambodia	39	38	40	36	32	28	28	25	15	36	43
Sri Lanka	1783	1786	1786	1786	1786	1786	1786	1786	1786	1786	1786
Nigeria	36	30	24	22	29	25	24	25	26	32	39
Others	850	813	812	1126	4508	4424	1815	1828	1828	1828	1828
Total	5800	5804	5803	5804	5804	5804	5804	5804	5804	5804	5804

Italics : estimated.

Source : Rubber Statistical Bulletin, International Rubber Study Group, Singapore

COUNTRY-WISE IMPORT OF NATURAL RUBBER

TABLE - 56



TABLE - 56

## PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES

(In '000 Tonnes)

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009p	2010p
U.S.A.	2397	2062	2164	2270	2269	2312	2569	2658	2275	1962	2322
China	836	1052	1133	1272	1478	1632	1845	2215	2325	2856	3100
Japan	1592	1466	1522	1577	1616	1627	1607	1655	1651	1303	1595
Russian Federation	837	919	919	1070	1116	1146	1219	1210	1173	1125	1379
Rep. of Korea	678	663	685	710	720	770	848	1010	970	1149	1219
Germany	849	828	869	888	905	855	865	803	791	743	935
France	669	672	681	718	776	655	664	655	566	465	568
Taiwan	465	480	523	529	561	548	575	628	590	606	639
Brazil	373	342	384	407	429	416	418	425	382	385	416
U.K.	286	333	337	327	351	344	305	318	302	248	238
Italy	285	274	250	244	235	233	235	235	220	200	237
Mexico	187	173	182	190	188	182	186	204	198	164	190
Netherlands	200	188	176	176	180	186	192	194	177	166	150
Poland	102	83	82	85	104	104	120	123	114	112	151
India	60	69	78	86	95	96	101	104	99	104	109
Canada	186	146	136	74	120	118	116	132	135	107	136
Belgium	104	104	104	104	108	106	107	107	94	104	130
Others*	713	629	652	624	706	743	657	700	689	616	693
World	10819	10483	10877	11341	11977	12073	12629	13376	12741	12415	14207

Italics: estimated, \* : countries not reported separately.

Source : Rubber Statistical Bulletin, International Rubber Study Group, Singapore



TABLE - 57

# CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES

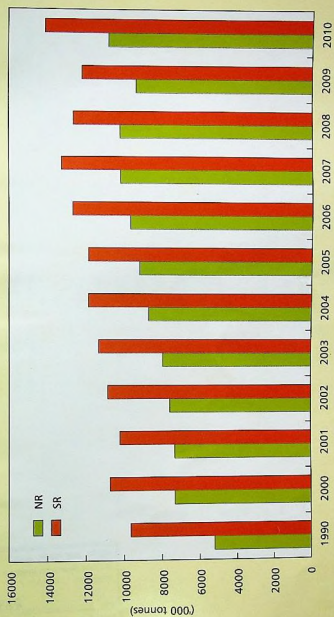
(In '000 Tonnes)

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009p	2010p
China	1455	1575	1941	2193	2467	2598	3038	3537	3430	4230	4442
U.S.A	2190	1840	1895	1926	1907	2002	2001	1890	1695	1448	1732
Japan	1138	1085	1096	1111	1146	1156	1171	1162	1138	832	987
Brazil	357	334	344	352	431	405	425	477	481	445	532
Germany	632	613	612	615	625	635	635	599	586	536	589
Russian Federation	539	575	551	619	597	568	572	597	533	528	697
Rep. Of Korea	382	373	365	352	349	344	364	347	329	278	330
France	482	465	469	493	420	355	311	316	316	237	306
India	171	172	192	203	223	233	264	290	294	321	406
Spain	269	262	295	294	303	254	262	258	259	182	219
Italy	291	275	261	251	255	242	252	255	238	170	203
Taiwan	262	232	282	290	310	253	303	310	261	262	329
Canada	233	228	228	225	232	226	216	200	164	158	194
Mexico	160	142	132	140	146	145	154	162	149	131	143
U.K.	188	167	210	204	214	222	201	169	149	132	148
Others*	2015	1915	2004	2080	2252	2261	2523	2724	2637	2272	2710
<b>World</b>	<b>10764</b>	<b>10253</b>	<b>10877</b>	<b>11348</b>	<b>11877</b>	<b>11889</b>	<b>12692</b>	<b>13293</b>	<b>12659</b>	<b>12162</b>	<b>14067</b>

Italics: estimated. \* : countries not reported separately.

Source: Rubber Statistical Bulletin, International Rubber Study Group, Singapore

Chart 17  
WORLD CONSUMPTION OF NR AND SR



भारतीय रबर संशोधन संस्थान  
Rubber Research Institute of India  
पुस्तकालय "R. R. P. A. R. Y"  
पत्रे..... सं./Acc. No. 23927J  
दिनांक /Date: 12/14/16  
संकेत/Initials 57

TABLE -58  
**PRODUCTION, CONSUMPTION AND STOCK OF NATURAL AND SYNTHETIC RUBBER**  
(In '000 Tonnes)

Year	NATURAL RUBBER			SYNTHETIC RUBBER		
	Production	Consumption	Excess(+) or deficiency(-) compared with consumption	Production	Consumption	Excess(+) or deficiency(-) compared with consumption
1997	6470	6460	+10	10080	10000	+80
1998	6820	6560	+260	9880	9870	+10
1999	6870	6640	+230	10340	10200	+140
2000	6764	7313	-549	10819	10764	+55
2001	7252	7333	-81	10483	10253	+230
2002	7337	7554	-217	10877	10877	0
2003	8020	7952	+68	11341	11348	-7
2004	8744	8716	+28	11977	11877	+100
2005	8907	9206	-299	12073	11889	+184
2006	9827	9690	+137	12629	12692	-63
2007	9890	10178	-288	13376	13293	+83
2008	10128	10175	-47	12741	12659	+82
2009p	9690	9329	+361	12415	12162	+253
2010p	10401	10778	-377	14207	14067	+140

Source: Rubber Statistical Bulletin, International Rubber Study Group, Singapore

TABLE 59

# ESTIMATED PERCAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER

(Kilograms)

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010p
Japan	14.89	14.27	14.48	14.80	15.32	15.77	16.04	16.14	15.75	11.51	13.58
Germany	10.84	10.61	10.42	10.56	10.29	10.88	10.97	10.76	10.16	8.67	12.00
Canada	12.46	11.52	12.24	11.61	11.65	11.88	11.15	10.24	8.88	7.73	9.80
U.S.A.	11.84	9.88	10.46	10.22	10.37	10.50	9.42	9.86	9.04	6.95	8.51
France	13.42	12.61	11.76	13.22	10.84	9.64	8.71	8.79	7.94	5.32	6.72
China	1.99	2.17	2.39	2.79	3.12	3.38	4.02	4.57	4.82	5.71	6.04
Italy	7.39	7.11	6.80	6.82	6.96	6.55	6.86	6.80	6.20	4.31	5.16
Brazil	3.34	3.13	3.32	3.40	3.76	3.81	3.79	4.35	4.37	3.78	4.75
U.K.	5.45	4.59	4.75	5.00	4.97	4.81	4.43	4.26	3.63	2.86	3.28
Australia	4.91	3.75	3.50	3.68	3.68	3.42	3.38	3.29	3.14	2.15	1.76
India	0.81	0.79	0.83	0.86	0.91	0.93	0.99	0.99	1.01	1.05	1.12
World	2.99	2.84	2.95	3.07	3.18	3.20	3.28	3.52	3.36	3.17	3.57

TABLE -50

# INTERNATIONAL PRICE OF DIFFERENT GRADES OF NATURAL RUBBER

(F.O.B.price)

(Rs. per 100 Kg. )

Year	RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
1998-99	2961	2893	2885	2770	2716	2626
1999-2000	2790	2721	2704	2583	2525	2761
2000-01	3089	2976	2958	2831	2770	2798
2001-02	2880	2812	2793	2660	2597	2623
2002-03	4143	3934	3915	3779	3715	4055
2003-04	5408	5340	5278	5244	5193	4992
2004-05	5880	5813	5751	5717	5667	5490
2005-06	7558	7490	7432	7399	7350	6868
2006-07	9920	9846	9779	9742	9687	9041
2007-08	9812	9740	9675	9639	9585	9308
2008-09	10544	10441	10379	10328	10253	9972
2009-10	-	11121	11113	11005	10855	10582
2010-11	19924	19630	19555	19506	19433	17600
1998	2969	2890	2884	2774	2721	2742
1999	2744	2661	2644	2523	2466	2599
2000	3123	3025	3007	2882	2822	2897
2001	2842	2750	2732	2600	2537	2574
2002	3767	3716	3696	3561	3497	3672
2003	5231	5163	5101	5067	5017	4688
2004	5963	5895	5833	5799	5749	5557
2005	6699	6632	6573	6540	6491	6148
2006	9647	9575	9510	9474	9420	8862
2007	9587	9515	9449	9413	9359	8939
2008	11405	11327	11255	11216	11158	10862
2009	-	9331	9317	9215	9072	8823
2010	-	16751	16694	16629	16536	15222

Note: (1) Price of RSS grades upto 2002-03 refers to Kuala Lumpur market, to SICOM market from February 2009 to 3-5-2010 and for other year to Bangkok market

(2) Price of SMR 20 refers to Kuala Lumpur market.



Chart 18  
PRICE OF NR IN INDIAN & INTERNATIONAL MARKETS

