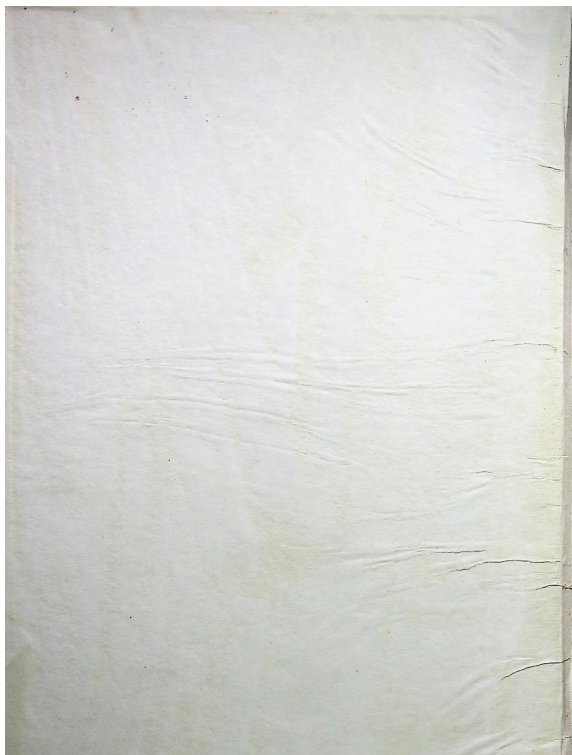




Indian Rubber Statistics

Volume 25

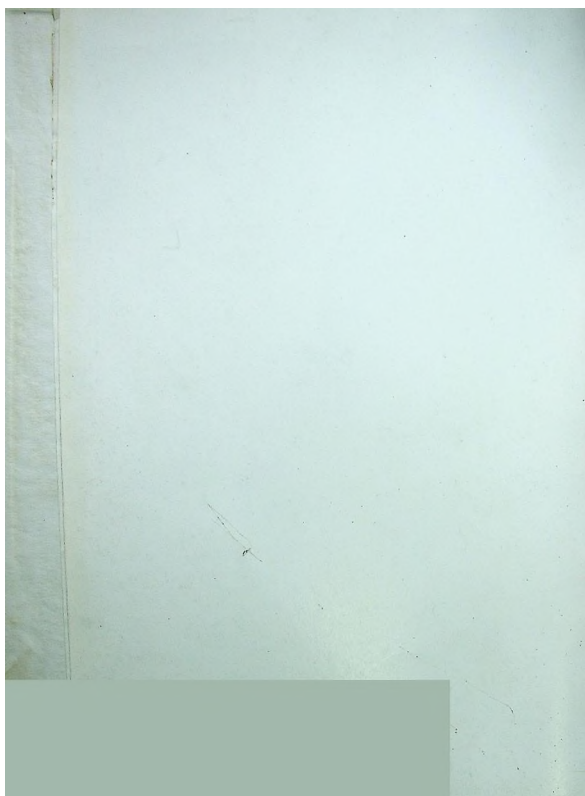




भारतीय रजिस्ट्रार संस्थान
Registrar General of India
पुस्तकालय / LIBRARY

परिचय सं / Acc. No: 229203
दिनांक / Date: 12/3/08
आवक / Initials: 6/10





INDIAN RUBBER STATISTICS

**Volume 25
2002**

Compiled by
The Statistics & Planning Department



The Rubber Board
(Ministry of Commerce & Industry, Govt. of India)
Kottayam 686 002

Phone: 0481- 571231 (12 lines)

Fax: 571380

e-Mail: rbstat@vsnl

of India

परिचय सं./Acc. No: २२१२०५
दिनांक/Date: १२/३/०९
साक्षर/Initials

ABOUT THE RUBBER BOARD

The Rubber Board is a statutory body constituted under the Rubber Act, 1947.

The functions of the Board as defined under the Act are: (1) 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 provision and improvement of amenities and incentives to workers and (g) carrying out any other duties which may be vested with the Board under 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 and (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.

ABOUT THE RUBBER BOARD

The Rubber Board is a statutory body constituted under the Rubber Board Act, 1946.

The Board is headed by the President and consists of 12 members, 6 of whom are nominated by the Government of India and 6 by the Rubber Growers' Association. The Board is responsible for the development and promotion of rubber in India. It has a wide range of functions, including the collection and dissemination of information, the conduct of research, the promotion of rubber cultivation, the regulation of rubber trade, and the provision of technical assistance to rubber growers. The Board also has the authority to levy a rubber cess on the export of rubber from India.

The Board is a statutory body and is not a department of the Government. It is financed by the Government of India and the Rubber Growers' Association. The Board's headquarters are located in Chennai, Tamil Nadu.

The Board is committed to the development and promotion of rubber in India and is dedicated to the service of rubber growers and the rubber industry.

From the Chairman

Collection of statistics is one of the basic functions performed by the Rubber Board. Indian Rubber Statistics is a comprehensive annual publication based on the statistics collected by the Rubber Board. The release of this volume, the 25th in the series, has a special significance as it coincides with the centenary of the beginning of commercial cultivation of natural rubber in India. It was in 1902 that rubber was first planted in the country on a commercial scale at Thattekad on the bank of Periyar river, in the erstwhile Travancore state.

The statistics published in the volume include those compiled from the Board's own records and those collected from various secondary sources. The co-operation extended by the producers, traders and processors of natural, synthetic and reclaimed rubber, manufacturers of rubber goods, various organisations and government departments such as DGCI&S, CAPEXIL, ATMA, ACMA, etc. is gratefully acknowledged.

Apart from this annual publication, Rubber Board also publishes the "Rubber Statistical News" every month to provide the latest monthly statistics of production, consumption, import, stock and prices of natural rubber.

Suggestions for further improvement of this publication will be appreciated. I appreciate the officers of the Statistics & Planning Department for the compilation of this valuable publication in the most attractive form and its timely release on the occasion of the centenary year of the commercial planting of rubber in the country.

Kottayam,
15/05/2002.

S.M.Desalphine
Chairman

From the Chairman

Over the past few years, the Board has been fortunate to have had a number of excellent members. The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company.

The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company.

The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company. The Board has been able to maintain a high level of performance and to continue to grow the company.

Respectfully,
Chairman

IN RETROSPECT

1. Area and Production of Natural Rubber

The low prices that prevailed in the Indian NR market since the end of 1996 dampened the enthusiasm of rubber growers and consequently it affected the pace of area expansion. Though area increased in absolute terms from 559,000 hectare during 1999-00 to 563,000 hectare during 2000-01 and again to 567,000 hectare during 2001-02, the rate of growth was on the decline during the last three-year period. The rate of growth in area was only one percent during 1999-00 and 0.7 percent each during 2000-01 and 2001-02 as against 2.1 percent during 1997-98.

The receding trajectory taken by the Indian rubber production sector in terms of rate of growth did not undergo any change during 2000-01 and 2001-02. The production growth, which was 2.8 percent during 1999-00, declined further to 1.3 percent during 2000-01. The production of natural rubber was 630,405 tonnes during 2000-01 as against 622,265 tonnes during 1999-00. 631,400 tonnes of production for 2001-02 depicts a further decline in output growth to 0.2 percent. For want of adoption of short-term yield enhancement measures during the last three years due to the low prices by the dominant small holding sector coupled with adverse climatic conditions, the productivity remained stagnant. The productivity of NR, measured in terms of average yield per hectare, remained at 1576 kg during 1999-00, 2000-01 and 2001-02.

2. Consumption Sector and Stock Position of Natural Rubber

Though the rubber goods manufacturing industry registered some recovery during 1999-00, after two years of sluggish performance, the growth did not sustain during 2000-01. The demand growth in NR declined sharply to 0.5 percent in 2000-01 from 6.2 percent during 1999-00. During 2001-02 the Indian rubber goods manufacturing industry consumed 638,210 tonnes of NR as against 631,475 tonnes during 2000-01 and 628,110 tonnes during 1999-00. The consumption of 638,210 tonnes during 2001-02 depicts a marginal improvement in growth to 1.1 percent. During the year the consumption of NR in the auto-tyre manufacturing units posted a negative growth of (-)1.7 percent as against 10.6 percent growth attained during the year 1999-00. However, in the general rubber goods sector, the consumption increased by 2.7 percent during 2000-01. The consumption growth during 2001-02 was -0.5 percent in auto-tyre sector and 2.5 percent in general rubber goods sector.

3. Production and Consumption of Synthetic Rubber

The production of synthetic rubber (SR) in the country increased by 8.6 percent during 2000-01 as compared to the negative growth of (-)10.8 percent during 1999-00. The production during 2000-01 was 65,460 tonnes as against 60,293 tonnes during 1999-00. The production of SR for 2001-02 was 69,653 tonnes, which shows an increase of 6.4 percent over 2000-01. The following table gives grade-wise segregation of the production during 2000-01 and 2001-02.

Production of SR
(tonnes)

Grades	2000-01 (tonnes)	2001-02 (tonnes)	Growth(%)
SBR	13,342	16,182	21.3
BR	40,670	41,994	3.3
Others	11,448	11,477	0.3
Total	65,460	69,653	6.4

Rubber goods manufacturing industry consumed 170,670 tonnes of SR during 2000-01, registering an increase of 2.1 percent over the previous year. The consumption increased during 2001-02 by 2.3% to 174,530 tonnes. The composition of NR and SR in the total elastomer consumption in the country remained unchanged at 79:21 during the past two years. Details of consumption of NR and SR during 2000-01 and 2001-02 are summarised in the following table:

Consumption of NR and SR

	2000-01 (tonnes)	2001-02 (tonnes)	Growth (%)
<u>Natural Rubber</u>			
Auto tyres & tubes	305,718	304,425	(-) 0.4
Other goods	325,757	333,785	2.5
Total NR	631,475	638,210	1.1
<u>Synthetic Rubber</u>			
Auto tyres & tubes	98,362	95,277	(-) 3.1
Other goods	72,308	79,253	9.6
Total SR	170,670	174,530	2.3
<u>NR & SR</u>			
Auto tyres & tubes	404,080	399,702	(-) 1.1
Other goods	398,065	413,038	3.8
Total NR & SR	802,145	812,740	1.3

4. Price of NR and Market Interventions

The depression in the international market and surplus stock of NR in the domestic market blocked the recovery of Indian NR market during 2000-01. Notwithstanding a marginal improvement in the market during the last quarter, the prices continued to rule at low levels during 2001-02 also. The annual average price of RSS 4 grade rubber in Kottayam market was Rs.3036 per 100 kg, during 2000-01 and Rs.3228 during 2001-02. In Kuala Lumpur market, the annual average price of the RSS 3 grade rubber, regarded by the tyre companies as equivalent to Indian RSS 4, was Rs.2958 per 100 kg during 2000-01 and Rs.2793 during 2001-02. The following table gives the trend in the prices of NR in the Indian and the international markets.

Average Market Price of NR
(Rs./100 kg)

Month		India (Price of RSS 4 in Kottayam)	World (FOB price of RSS 3 in Kuala Lumpur)
April	2000	3199	3073
May	"	3356	3085
June	"	3248	3004
July	"	3253	2857
August	"	3198	3056
September	"	3122	2975
October	"	3061	3028
November	"	2909	2991
December	"	2867	3037
January	2001	2853	2921
February	"	2694	2800
March	"	2667	2669
Average	2000-01	3036	2958
April	2001	2679	2721
May	"	3295	2833
June	"	3353	2899
July	"	3389	2783
August	"	3601	2740
September	"	3154	2649
October	"	3209	2644
November	"	3209	2645
December	"	3209	2475
January	2002	3209	2759
February	"	3209	3038
March	"	3214	3327
Average	2001-02	3228	2793

When the price in the domestic market continued its downward movement, the Government of India intervened in the domestic market by procuring rubber

through the State Trading Corporation of India Ltd.(STC) during the period from August 1997 to April 2001. In the first phase of procurement from August 1997 to March 1998 STC procured 9,596 tonnes. In the second phase, it procured 19,831 tonnes during September 1998 to October 1999. The quantity procured from the market in the third phase of procurement from March 2000 to October 2000 was 20,000 tonnes. STC was authorized to procure another 20,000 tonnes in October 2000. However, the total quantity procured during the fourth phase of operation was only 5,260 tonnes. A part of the rubber purchased by STC in the first phase of procurement and the entire quantity purchased during the second, third and fourth phases were sold to the Advance Licence holders at international prices.

Another important development in the Indian NR market during 2001-02 is the notification of statutory minimum prices for NR by the Government of India at Rs.3209 per 100 kg for RSS 4 and Rs.3079 for RSS 5, effective from 12th September 2001.

5. Import and Export of NR

The policy of the Government of India towards the import of NR has undergone change during the period under review. With effect from April 2001, Quantitative Restrictions (QRs) on import of natural rubber has been removed. Prior to that natural rubber was included in the Negative List as a restricted item of import. But in view of surplus availability of natural rubber, the Government of India banned import of natural rubber against Advance Licence in February 1999 and the domestic rubber was made available to holders of Advance Licence at international price through the State Trading Corporation of India Ltd. However, with the fixation and notification of minimum price, (which is based on import parity price, for trading in natural rubber), procurement of NR through STC was stopped.

Total import of NR during 2000-01 was 8,970 tonnes as against 20,213 tonnes during 1999-00. However, with the removal of QRs on import of NR since April 2001, around 50,000 tonnes of NR was imported during 2001-02.

As regards export of NR, despite removal of restrictions on export since 1992, India could not make headway owing to the following reasons:

- The international price of NR is generally lower than the Indian price.
- India is not a regular player in the export market of NR.
- Inadequacy of information about overseas markets of NR.
- Inefficiency of existing marketing system.
- Insufficient infrastructure.

The export of NR had increased from 5,989 tonnes during 1999-00 to 13,356 tonnes during 2000-01. However, it declined during 2001-02 to 6,995 tonnes.

Prevalence of relatively lower price in the international market made export of NR less attractive during 2001-02. In October 2001 the Government of India approved a scheme for export promotion of NR by providing financial incentives to exporters of NR for quality improvement, certification, packaging and transportation. The Government of India has approved a proposal from the Rubber Board for the export of 20,000 tonnes of NR by Kerala State Co-operative Rubber Marketing Federation with an outlay of Rs.17.40 crores to be shared by the Government of India and the Government of Kerala.

6. Natural Rubber under WTO

Under the classification of WTO, negotiated under GATT 1994, NR is included under "industrial raw material" unlike other important plantation crops like tea, coffee, cardamom and pepper which have been categorized as agricultural commodities and coming under the Agreement on Agriculture (AoA). Primarily, the implications of classifying NR as an industrial raw material or an agricultural product relate to the extent of protection and subsidy that could be applied. Generally, in the case of an agricultural product a higher import duty could be levied because the bound rates for agricultural products are higher than non-agricultural products. The most important disadvantage of NR not being included under the AoA is with regard to the bound rate, which is relatively higher for the commodities covered under the AoA. In India, while the bound rate for tea is 150 percent and coffee and pepper is 100 percent that for solid forms of NR is as low as 25 percent. Since the applied rate of basic customs for solid forms of NR is now 25 percent in India, the country cannot raise the import duty unless the bound rate is fixed at higher rate.

The Government of India, in its initial negotiating proposals on Agriculture, submitted to the WTO, had stressed the need for rationalization of the product coverage of the agreement by including primary agricultural commodities, like NR. The negotiations are underway. The Rubber Board has also sought the support of the other NR producing countries by utilizing the platform of Association of Natural Rubber Producing Countries (ANRPC), in which India is a member.

As the duty on latex forms of NR is unbound under GATT 1994, the Government of India raised its basic customs duty from 35 percent to 70 percent, with effect from 1st March 2002.

7. Global Scenario

The year 2001 was a turbulent one for the world natural rubber industry, with prices establishing a downward trend and hitting thirty-year low. The downward

movement was the result of an imbalance between supply and demand associated with weaknesses in the global economy.

In 2001, all major economies synchronized growth on a downward path as the US economy stepped off its decade long growth streak, especially after the terrorist attacks of 11th September. The downward trend in vehicle production in major countries established long back in mid-2000 was reinforced in 2001. In North America, rubber consumption fell sharply in 2001 and it was the first region to have reached its trough. NR consumption in USA declined from 11.93 lakh tonnes in 2000 to 9.72 lakh tonnes in 2001. Growth rates of rubber consumption in other regions continued to decline. Global consumption of NR during 2001 was 70.00 lakh tonnes as against 73.30 lakh tonnes during 2000, depicting a fall of 4.5 percent. The declining trend in global rubber consumption has extended into the first quarter of 2002.

According to the scenario forecasted by the International Rubber Study Group (IRSG), the global economic outlook is optimistic. The trough has already been reached and a positive growth rate could be achieved around the middle of 2002. Considering news on improvement in the health of the world economy, world rubber consumption is likely to improve during 2002. Examining rubber trends by region, IRSG has found that North America has provided the impetus for a global recovery.

Despite the slower growth in demand, NR supply has continued to increase. The recent increase in world NR output may have been supported by continued rises in Indonesia and Vietnam. In Indonesia production of NR has increased by 1.9 percent during 2001 to 15.43 lakh tonnes. However, NR output in Thailand has increased only by 0.5 percent during 2001 to 23.57 lakh tonnes. The estimated global NR output was 71.00 lakh tonnes during 2001 as against 67.40 lakh tonnes during 2000. Though the global production has been increasing steadily since 1994, the slower demand has caused the growth rate of supply to shrink since early 2001.

The year 2001 saw the official demise of the International Natural Rubber Organization (INRO) and creation of the International Tripartite Rubber Organization (ITRO). ITRO is the outcome of a major initiative by Thailand, Indonesia and Malaysia for stabilizing the global price of NR. The ministerial meeting of these three countries, held in July 2001, accepted in principle to form an organization for stabilizing global NR market and this led to the creation of ITRO. The long-term aim of ITRO is to reduce rubber output by four percent and export by 10 percent starting from January 2002. If this is achieved, the global output of NR will be less by about 180,000 tonnes than what is expected without the operations of ITRO. The resultant reduction in global stock should have a positive effect on rubber prices.

On 1st March 2002, ministers from the three participating countries of the ITRO met to further discuss export reduction plans. The meeting ended with the formation of another institution, a rubber consortium, which is intended to buy and sell excess rubber produced by the three countries in the open market to stabilize prices. The company is to be based in Thailand. However, a major hurdle in regulating the production of NR is that rubber production sector is dominated by the smallholders. Unlike large corporations that effectively have control over oil industry, the production of NR in the smallholding sector cannot be controlled effectively.

Interestingly, despite no real implementation of the various plans announced to cut production and reduce exports by the three countries, its mere formation had some positive effect on prices. NR prices began to rise in early 2002 partly due to the psychological effect from ITRO declared policy of reducing the output and export. During the winter season March-May, when tapping is halted, there are concerns over supply and this also is expected to have contributed to price rise. IRSG reported that processors and exporters in Thailand were active in the market in an effort to secure rubber for delivery in March and April. The upward movements in prices, appear to have been supported by currency movements. Since the beginning of January, the Indonesian Rupiah and the Thai Baht have appreciated by 2.6 percent and 0.9 percent respectively. An appreciating domestic currency against the US Dollar helps in raising rubber prices, which are quoted in US Dollars.

Kottayam,
31/05/2002.

E. Lalitha Kumari
Jt. Director
Statistics & Planning Dept.

CONNOTATIONS

Holding	Unless the contrary is stated, the word means a rubber area contiguous or non-contiguous aggregating 20 ha or less under a single ownership.
Estate	Land contiguous or non-contiguous aggregating more than 20 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.
High yielding area	Area planted with clonal seedlings and clones (budgrafts) approved by the Rubber Board. It may be stated that till 1970 TJIR-1 clonal planting materials was also included under high yielding varieties. From 1971 onwards this variety is not recommended for planting. So the area under high yielding variety in this publication includes area planted with TJIR-1 variety upto 1970.
Tappable area	Area which is estimated to be tappable.
Yield per hectare	Average yield per ha of tappable 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 of natural rubber and all consumers of natural rubber (manufacturers of rubber goods) 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 dry rubber content.
Ungraded rubber	Small holders, particularly those in the lower area group generally sell their smoked sheet rubber to dealers without grading and packing. This rubber consists of mostly RSS 3,4 and 5 and offgrades. Grading and packing is done usually at the medium/big dealer's level.
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.
1999-00	1999-2000.

CONTENTS

Table	Subject	Page
I	Area under Rubber and Average Yield per hectare	
1	Area Newplanted and Replanted with Rubber since 1955-56	1
2	Statewise Area under Rubber at the end of each year	2
3	Districtwise Area under Rubber	5
4	Classification of Holdings and Estates according to Size	9
5	Area under High Yielding and Unselected Materials	11
6	Tappable area, Production and Average Yield per ha	12
II	Production, Import, Export, Consumption and Stock of Rubber	
	a) Natural Rubber	
7	Monthwise Production of Natural Rubber	14
8	Gradewise Production of Natural Rubber	15
9	Production of Holdings and Estates	16
10	Districtwise Production of Natural Rubber	17
11	Monthwise Import of Natural Rubber	18
12	Gradewise Import of Natural Rubber	19
13	Gradewise Export of Natural Rubber	20
14	Countrywise Export of Natural Rubber	21
15	Monthwise Consumption of Natural Rubber	22
16	Gradewise Consumption of Natural Rubber	23
17	Stock of Natural Rubber	24
	b) Synthetic Rubber	
18	Monthwise Production of Synthetic Rubber	28
19	Gradewise Production of Synthetic Rubber	29
20	Gradewise Consumption of Synthetic Rubber	30
21	Stock of Synthetic Rubber	31
	c) Reclaimed Rubber	
22	Production, Import, Consumption & Export of Reclaimed Rubber	32

d) Natural, Synthetic & Reclaimed Rubber

23	Production, Import, Export & Consumption of NR and SR	33
24	Total Stock of Natural and Synthetic Rubber	35
25	Production, Import, Consumption and Stock of NR	36
26	Production, Import, Consumption and Stock of SR	38
27	Statewise Consumption of All Kinds of Rubber	39
28	Value of Natural Rubber Imported	43
29	Value of Synthetic and Reclaimed Rubber Imported	44

III Price of Rubber

30	Price of Different Grades of Natural Rubber	45
31	Price of Indigenous Synthetic Rubber	49

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

32	Distribution of Manufacturers according to their Total Consumption	50
33	Number of Manufacturers in Different States	53
34	Production of Tyres	54
35	Production of Tubes	55
36	Production of Vehicles	56
37	Registered Motor Vehicles in India	57
38	Consumption of Rubber according to End Products	58
39	Value of Rubber Products Exported	61
40	Quantity and Value of Rubber Products Imported	62
41	Statewise Distribution of Dealers	67
42	Districtwise Distribution of Dealers in Kerala State	68
43	Classification of Dealers According to their Purchase	69
44	Average Daily Employment in Rubber Plantations	70
45	Collection of Excise Duty and Receipts of the Rubber Board	71
46	Schemewise Expenditure of the Rubber Board	72
47	Progress in Distribution of Planting Materials	74
48	Rubber Marketed by the Co-operative Societies	76
49	Index Numbers of Agricultural Production	77
50	Index Numbers of Productivity	78
51	Gross Domestic Product & Consumer Price Index	79
52	Index Numbers of Wholesale Prices of Selected Commodities	80

World Rubber Statistics

53	Area under Rubber in Main Producing Countries	81
54	Production of Natural Rubber in Main Producing Countries	82
55	Consumption of Natural Rubber in Main Consuming Countries	83
56	Countrywise Import of Natural Rubber	84
57	Countrywise Export of Natural Rubber	85
58	Production of Synthetic Rubber in Main Producing Countries	86
59	Consumption of Synthetic Rubber in Main Consuming Countries	87
60	Production, Consumption & Stock of Natural and Synthetic Rubber	88
61	Per Capita Consumption of Natural and Synthetic Rubber	89
62	World Price of Natural Rubber	90
63	Price of Different Grades of Natural Rubber in Malaysia	91

CHARTS AND DIAGRAMS

1	Area under Holdings and Estates
2	Average Yield per hectare
3	Gradewise Production of NR - 2000-01
4	Production of Holdings and Estates
5	Gradewise Consumption of NR - 2000-01
6	Production and Consumption of NR
7	Price of Indigenous RSS 4 grade Rubber
8	Number of Rubber Goods Manufacturers
9	Total Consumption of Rubber according to End Products - 2000-01
10	Value of Rubber Products Exported
11	Movement of Production Indices
12	Share of India in World Production of NR 2001
13	Share of India in World Consumption of NR 2001
14	World Consumption of NR and SR
15	Price of Natural Rubber in Indian and International Markets

TABLE - 1

AREA NEWPLANTED AND REPLANTED WITH RUBBER SINCE 1955-56

(Hectares)

Year	Newplanted	Replanted	Total	Year	Newplanted	Replanted	Total
1955-56	9342	719	10061	1978-79	8450	4050	12500
1956-57	12030	737	12767	1979-80	12300	4065	16365
1957-58	14278	1394	15672	1980-81	19308	5476	24784
1958-59	12605	1874	14479	1981-82	18100	4188	22288
1959-60	9963	1641	11604	1982-83	19884	4963	24847
1960-61	12104	1385	13489	1983-84	18805	5641	24446
1961-62	14485	2446	16931	1984-85	22365	5217	27582
1962-63	13222	2499	15721	1985-86	21222	5759	26981
1963-64	6551	2309	8860	1986-87	19856	5563	25419
1964-65	5800	2692	8492	1987-88	19535	6517	26052
1965-66	4749	4163	8912	1988-89	19471	6998	26469
1966-67	5886	4039	9925	1989-90	20175	6854	27029
1967-68	6614	2805	9519	1990-91	15143	7154	22297
1968-69	6079	1905	7984	1991-92	13851	7100	20951
1969-70	6709	1920	8629	1992-93	11000	7200	18200
1970-71	6655	2089	8744	1993-94	9200	6000	15200
1971-72	3044	1473	4517	1994-95	7500	7000	14500
1972-73	3775	1704	5479	1995-96	7800	7500	15300
1973-74	3975	1576	5551	1996-97	10400	7000	17400
1974-75	4310	2200	6510	1997-98	13300	7500	20800
1975-76	4561	3099	7660	1998-99	8800	6500	15300
1976-77	4882	3172	8054	1999-00p	6100	5200	11300
1977-78	4770	3845	8615	2000-01p	4200	4500	8700

TABLE - 2

STATEWISE AREA UNDER RUBBER AT THE END OF EACH YEAR

(Hectares)

State	1950-51	51-52	52-53	53-54	54-55	55-56	56-57	57-58	58-59	59-60	60-61
Kerala	70385	70950	71806	72966	76037	80537	91301	104621	116113	124907	135809
Tamil Nadu	3025	3126	3205	3351	3594	3917	4289	4646	5092	5715	6256
Karnataka	1415	1415	1435	1455	1476	1503	1578	1589	1594	1619	1659
A&N	110	110	110	110	110	110	171	171	171	171	181
Total	74915	75601	76556	77882	81217	86067	97339	111027	122970	132412	143905
Annual growth rate	1.20	0.92	1.26	1.73	4.28	5.97	13.10	14.06	10.76	7.68	8.68

State	1961-62	62-63	63-64	64-65	65-66	66-67	67-68	68-69	69-70	70-71	71-72
Kerala	149015	161110	168542	171209	174561	179194	184647	189125	193763	198424	200474
Tamil Nadu	6923	7509	7988	8599	9283	9873	10366	10852	11287	11712	12077
Karnataka	1747	1935	2121	2321	2633	2916	3289	4089	5285	6525	6767
A&N	195	195	195	195	236	277	290	368	468	537	663
Total	157880	170749	176846	182324	186713	192260	198592	204414	210803	217198	219981
Annual growth rate	9.71	8.15	3.57	3.10	2.41	2.97	3.29	2.93	3.13	3.03	1.28

A&N : Andaman & Nicobar Islands

TABLE-2 (Contd)

State	1972-73	73-74	74-75	75-76	76-77	77-78	78-79	79-80	80-81	81-82	82-83	83-84	84-85	85-86
Kerala	202761	205595	208430	211808	215797	219506	226239	236324	253784	269621	287334	303774	323303	341506
Tamil Nadu	12677	13108	13439	13776	14049	14345	14585	15260	15513	15740	16020	16240	16450	16567
Karnataka	7059	7470	8090	8585	8736	8790	8815	8861	9004	9227	9502	9973	10710	11392
Tripura	103	223	307	417	574	878	1306	1989	2746	3590	4578	5338	6545	7742
Assam	*	*	102	116	134	152	283	419	568	789	840	929	1053	1242
Meghalaya	*	*	106	141	191	291	628	778	923	1033	1108	1190	1266	1410
Mizoram									*	170	276	420	470	570
Manipur							100	216	216	291	331	331	335	355
A&N	740	768	787	810	850	900	900	900	900	900	902	908	912	919
Goa	125	153	191	223	262	338	423	464	512	563	604	640	711	773
Nagaland												105	205	355
Maharashtra												*	*	*
Total	223465	227317	231452	235876	240593	245200	253279	265211	284166	301924	321495	339848	361960	382831
Annual growth rate	1.58	1.72	1.82	1.91	2.00	1.91	3.29	4.71	7.15	6.25	6.48	5.71	6.51	5.77

TABLE - 2 (Contn.)

State	1985-87	87-88	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00	2000-01*
Kerala	356421	370079	383562	396467	407821	419174	428864	437138	443300	449000	455568	465282	469924	472900	474365
Tamil Nadu	16765	16917	17037	17100	17150	17210	17260	17300	17430	17948	18209	18470	18631	18659	18710
Karnataka	11913	12353	12809	13200	13995	14386	14650	14850	14955	16307	17324	18475	19323	19565	19735
Tripura	10085	12670	14326	16620	17320	17860	18250	18670	19252	20761	21982	22582	24120	25380	26495
Assam	1988	3178	5144	8350	9380	9740	9885	10006	10122	9943	10243	10060	10805	11644	12117
Meghalaya	1831	2509	3229	3350	3466	4058	4350	4521	4550	4105	4345	3757	3958	3983	4029
Nagaland	525	675	910	1110	1300	1371	1370	1400	1450	1523	980	1287	1416	1615	1791
Mizoram	620	690	810	900	950	960	960	972	979	913	934	628	671	543	585
Manipur	440	515	665	895	1203	1215	1215	1220	1253	1400	1214	1308	1401	1610	1588
A&N	930	943	948	950	960	964	970	969	980	954	976	989	931	931	931
Goa	831	851	861	923	970	978	998	935	936	828	922	924	939	839	872
Orissa	*	*	146	191	245	270	270	289	219	242	277	149	358	408	483
Maharashtra	*	132	137	143	145	150	154	150	91	101	143	305	163	180	189
Arunachal Pradesh	*	*	*	*	*	*	*	*	50	50	89	128	161	244	280
West Bengal	*	*	*	*	*	*	*	*	62	115	158	285	388	402	402
Andhra Pradesh	142	178	178	178	178	178	178	178	*	*	*	75	82	98	102
Total	402329	421512	440584	460341	475083	488514	499374	508420	515547	524075	533246	544534	553041	558584	562670
Annual growth rate	5.09	4.77	4.52	4.48	3.20	2.83	2.22	1.81	1.40	1.65	1.75	2.12	1.56	1.00	0.73

* : Upto 1993-94 total area less than 100 hectares omitted, thereafter less than 50 hectares omitted.

DISTRICT/ STATE/ UNION TERRITORY WISE AREA OF RUBBER UNDER HOLDINGS & ESTATES

District/State/ Union Territory	1960-61			1965-66			1970-71		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1.Thiruvananthapuram	3657	1097	4754	4974	1310	6284	6223	1414	7637
2.Kollam	13335	9888	23223	17347	12152	29499	21116	12338	33454
3.Alappuzha	2195	115	2310	3082	60	3142	3802	60	3862
4.Kottayam	35676	9818	45494	43566	10490	54056	49313	9874	59187
5.Ernakulam	13495	4568	18063	18648	6255	24903	21807	6280	28067
6.Thiruvr	1537	5389	6926	2842	5886	8728	3236	5847	9083
7.Palakkad	2471	3640	6111	4441	4810	9251	3237	1906	5143
8.Malappuram							9930	7573	17503
9.Kozhikode	8417	10325	18742	12292	11620	23912	9283	7113	16396
10.Kannur	7583	2603	10186	11483	3303	14786	14664	3428	18092
KERALA									
11.Kanyakumari	88366	47443	135809	118675	58886	174561	142611	55813	198424
12.Madurai	1736	3878	5614	4036	4605	8641	5117	5922	11038
13.Nilgiris	11	142	153	10	143	153	10	143	153
14.Coimbatore	84	161	245	84	161	245	86	161	247
15.Salem		221	221		221	221		221	221
16.Tirunelveli	23		23	23		23	23		23
TAMIL NADU									
	1854	4402	6256	4153	5130	9283			23
KARNATAKA									
	155	1504	1659	182	2451	2633	5265	6447	11711
A & N ISLANDS									
		181	181		236	236	1924	4601	6525
Grand Total	90375	53530	143905	123010	63703	186713	149800	537	537
Percentage share	62.80	37.20	100.00	65.88	34.12	100.00	68.97	31.03	100.00

TABLE - 3(C) (Contd.)

District/ State/ Union Territory	1975-76			1980-81			1985-86		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	6834	1116	8050	9208	971	10179	17089	964	18053
2. Kollam	21873	12459	34332	28533	12548	41081	18295	9506	27891
3. Pathanamthitta	3854	60	3914	4222	51	4273	30343	6480	36823
4. Alappuzha	50174	5956	56130	61880	5046	66926	3236	4848	84509
5. Kottayam	10691	5194	15885	15084	4813	19897	79653	4737	31083
6. Idukki	17316	3753	21069	23543	3312	26855	26346	3175	33779
7. Ernakulam	3719	5401	9120	4392	5390	9782	36804	4911	10393
8. Thrissur	6345	2339	8684	9941	2038	11979	5482	1922	16419
9. Palakkad	11416	5952	17368	14491	4833	19324	17631	3770	21401
10. Malappuram	10851	6305	17156	13508	5663	19171	10460	4504	14964
11. Kozhikode	16632	3488	20120	21254	3063	24317	4613	169	4782
12. Wynad	159805	52003	211808	206056	47728	253784	17170	1511	18681
13. Kannur	6671	8428	15099	6858	9232	15090	13418	1074	14492
14. Kasargod	153	524	677	120	303	423	293847	47659	341506
15. Kanyakumari	6824	6952	13776	6978	8535	15513	8867	7265	16132
Others	2021	6564	8585	2188	6816	9004	132	303	435
TAMIL NADU							8999	7568	16567
KARNATAKA							4774	6618	11392
A & N ISLANDS							24	895	919
TRIPURA	28	389	417	159	2587	2746	1955	5787	7742
ASSAM		116	116		568	568	200	1042	1242
MEGHALAYA		141	141		923	923	25	1385	1410
NAGALAND							60	295	355
MIZORAM							100	470	570
MANIPUR							225	355	580
GOA	9	214	223	40	216	216	548	773	1321
Grand Total	168687	67189	235876	215443	68723	284166	310209	72622	382831
Percentage share	71.52	28.48	100.00	75.82	24.18	100.00	81.03	18.97	100.00

TABLE - 3 (Contn.)

District/State/ Union Territory	1990-91			1995-96			1997-98		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	21213	943	22156	25077	918	25995	25112	887	25999
2. Kollam	22957	9461	32418	28091	9256	35347	26738	9238	35976
3. Pathanamthitta	38611	6261	44872	41095	5968	47063	41419	6010	47429
4. Alappuzha	3350		3350	3573		3573	3692	0	3692
5. Kottayam	99205	4683	103888	105007	4515	109562	105812	4465	110277
6. Idukki	31166	4379	35545	32985	4255	37240	33470	4256	37726
7. Ernakulam	47991	3172	51163	52347	2900	55247	53044	2981	56025
8. Thrissur	6516	4752	11270	7888	4356	12254	8804	4301	13105
9. Palakkad	19707	1087	20804	24939	1092	26031	27034	1091	28125
10. Malappuram	18745	3875	22620	23271	3034	26305	25081	2927	28008
11. Kozhikode	12255	4385	16650	13415	3934	17349	13850	3933	17783
12. Wynad	4887	48	5035	5240	62	5302	6077	65	6142
13. Kannur	21371	1509	22880	27175	1245	28420	31477	1253	32720
14. Kasargod	16164	966	17150	18469	823	19292	20505	660	21265
KERALA	362240	45581	407821	408642	42358	449000	423215	42067	465282
15. Kanyakumari	9444	7276	16720	10636	6927	17563	11517	6540	18057
Others	252	178	430	272	113	385	300	113	413
TAMIL NADU	9896	7454	17350	10908	7040	17948	11817	6653	18470
KARNATAKA	7270	6725	13995	9713	6594	16307	12309	6166	18475
A & N ISLANDS	64	896	960	109	845	954	144	845	989
TRIPURA	8162	9158	17320	11242	9519	20761	14048	8534	22582
ASSAM	7154	2226	9380	7607	2336	9943	8399	1661	10060
MEGHALAYA	1018	2448	3466	1087	3018	4105	1568	2169	3757
NAGALAND	520	780	1300	682	861	1523	1122	165	1287
MIZORAM	113	837	950	378	535	913	417	211	628
MANIPUR	425	776	1203	662	718	1400	831	477	1308
GOA	422	548	970	296	532	828	392	532	924
MAHARASHTRA	38	107	145	42	59	101	90	59	149
ORISSA	165	80	245	118	124	242	227	78	305
ARUNACHAL PRADESH									
WEST BENGAL				13	37	50	91	37	128
ANDHRA PRADESH				*		*	115		115
Grand Total	397465	77618	475083	449499	74576	524075	474880	69654	544534
Percentage share	83.66	16.34	100.00	85.77	14.23	100.00	87.21	12.79	100.00

* - Statewise total area less than 50ha. omitted.

Chart 1
AREA UNDER HOLDINGS AND ESTATES

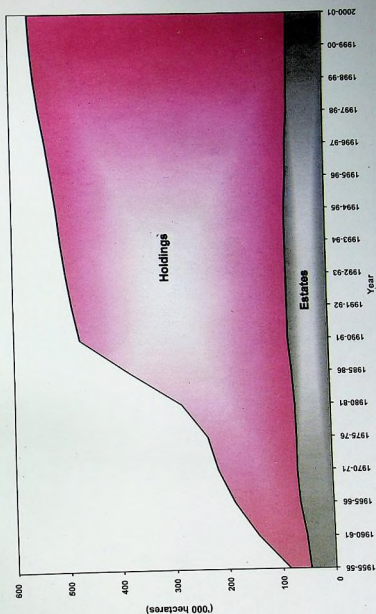




TABLE - 3 (Contn.)

District/ State/ Union Territory	1998-99			1999-00p			2000-01p		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	26585	667	27472	27087	887	27954	27430	767	28197
2. Kollam	27026	5249	32275	27211	9241	36452	27453	9318	36771
3. Pathanamthitta	41421	6149	47570	41562	6138	47700	41734	6135	47869
4. Alappuzha	3722	0	3722	3747	0	3747	3801	0	3801
5. Kottayam	106182	4366	110548	106589	4334	110923	106924	4272	111196
6. Idukki	33752	4260	38012	33940	2768	36708	34051	4025	38076
7. Ernakulam	53340	2903	56243	53615	2768	56383	53873	2771	56644
8. Thrissur	8862	4308	13290	9074	4298	13372	9138	4235	13373
9. Palakkad	27459	1091	28550	27690	1091	28781	27871	1062	28933
10. Malappuram	25751	2793	28544	26150	2770	28920	26422	2787	29209
11. Kozhikode	13938	3606	17544	14063	3653	18016	14103	3587	17690
12. Wynad	6279	58	6337	6387	24	6411	6406	24	6430
13. Kannur	32301	1253	33554	32569	1237	33806	32668	1256	33944
14. Kasargod	21254	699	21953	21549	699	22248	21665	567	22232
KERALA	428002	41922	469924	431213	41687	472900	433559	40806	474365
15. Kanyakumari	11738	6465	18203	11816	6422	18238	11953	6339	18292
Others	315	113	428	323	98	421	320	98	418
TAMIL NADU	12053	6578	18631	12139	6520	18659	12273	6437	18710
KARNATAKA	13224	6069	19293	13576	5989	19565	13556	5779	19335
A & N ISLANDS	86	845	931	86	845	931	86	845	931
TRIPURA	15596	8534	24120	16846	8534	25380	17656	8539	26195
ASSAM	9144	1691	10835	9983	1661	11644	10468	1649	12117
MEGHALAYA	1789	2168	3958	1946	1737	3683	2185	1844	4029
NAGALAND	1278	1416	2694	1477	138	1615	1653	138	1791
MAIZORAM	480	211	691	478	65	543	520	65	585
MANIPUR	924	477	1401	1133	477	1610	1111	477	1588
GOA	407	532	939	411	428	839	431	441	872
MAHARASHTRA	104	59	163	122	58	180	131	58	189
ORISSA	280	78	358	314	94	408	369	94	463
ARUNACHAL PRADESH	124	37	161	207	37	244	243	37	280
WEST BENGAL	158	158	316	248	37	285	265	103	368
ANDHRA PRADESH	82	82	164	98	98	196	102	102	202
Grand Total	483701	63340	550041	490277	68307	558584	495358	67312	562670
Percentage share	87.46	12.54	100.00	87.77	12.23	100.00	88.04	11.96	100.00

TABLE -4
CLASSIFICATION OF HOLDINGS AND ESTATES ACCORDING TO SIZE AT THE END OF EACH YEAR
(Area in hectares)

HOLDINGS

Year	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
1955-56	26164	20489	1948	5699	1475	12300	29887	38488
1960-61	67836	52340	4660	13981	2878	24054	75374	90375
1965-66	96477	72433	6175	18051	3852	32526	106504	123010
1970-71	114924	82570	9922	25853	5593	41377	130439	149800
1975-76	132957	92386	11396	29235	6406	47066	150749	168687
1980-81	216155	139909	11924	30140	6389	45494	236468	215443
1985-86	394984	238158	11152	28071	6075	43980	412211	310209
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	4594	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
1999-00p	963613	407601	17627	45031	5249	37645	986489	490277
2000-01p	968656	412574	17647	45098	5257	37696	991560	495358

TABLE -4 (Contn.)

ESTATES

Year	Above 40 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 & upto 800 ha		Above 800 ha		Total	
	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area
1955-56	209	6781	179	15047	33	9578	15	7513	4	2762	6	5898	446	47579
1960-61	271	7590	216	17812	29	8082	18	8768	5	3437	8	7841	547	53530
1965-66	325	9556	248	20476	30	8551	19	9400	4	2696	10	13024	636	63703
1970-71	309	8771	273	21318	29	8219	20	9966	6	4036	12	15088	649	67398
1975-76	289	8235	242	19332	27	7366	17	8100	9	6138	14	18018	598	67159
1980-81	258	7289	228	18659	25	7481	15	8208	10	6685	17	20201	553	68723
1985-86	137	4320	171	14408	24	7305	18	9046	14	9294	20	28249	384	72622
1990-91	120	3407	130	11348	22	6262	22	11051	17	11415	21	34135	332	77618
1991-92	123	3478	130	11533	22	6217	21	10622	17	11423	21	34618	334	77891
1992-93	126	3543	132	11555	22	6285	21	10649	17	11504	21	34679	339	78215
1993-94	129	3628	132	11406	22	6280	21	10679	17	11406	21	34628	342	78327
1994-95	130	3659	132	11377	22	6266	21	10638	17	11230	21	34658	343	78028
1995-96	114	3286	134	12291	25	7589	19	9835	15	10116	19	31459	326	74576
1996-97	112	3214	134	12262	25	7610	20	10303	13	8692	19	31738	323	73809
1997-98	111	3165	136	11732	23	6821	22	11396	11	7328	19	29212	322	69654
1998-99	111	3171	136	11743	23	7059	21	10775	11	7313	19	29279	321	69340
1999-00p	111	3188	137	11680	23	7159	20	10301	11	7284	19	28695	321	68307
2000-01p	108	3118	135	11591	24	7487	21	10720	9	5887	19	28509	316	67312

TABLE - 5

AREA UNDER HIGH YIELDING AND UNSELECTED MATERIALS

(Hectares)

Year	HOLDINGS			ESTATES			TOTAL		
	High yielding	Unselected	Total	High yielding	Unselected	Total	High yielding	Unselected	Grand Total
955-56	2844	35844	38688	14874	32705	47579	17718	68349	86067
960-61	26912	63463	90375	23811	29719	53530	50723	93182	143905
965-66	53048	69962	123010	39534	24169	63703	92582	94131	186713
970-71	83030	66770	149800	55397	12001	67398	138427	78771	217198
975-76	107326	61361	168687	64978	2211	67189	172304	63572	235876
980-81	169699	45744	215443	68110	613	68723	237809	46357	284166
985-86	270835	39374	310209	72072	550	72622	342907	39924	382831
990-91	365315	32150	397465	77228	390	77618	442543	32540	475083
991-92	379036	31587	410623	77519	372	77891	456555	31959	488514
992-93	390648	30511	421159	77858	357	78215	468506	30868	499374
993-94	402705	27388	430093	77987	340	78327	480692	27728	508420
994-95	412876	24643	437519	77689	339	78028	490565	24982	515547
995-96	427235	22264	449499	74260	316	74576	501495	22580	524075
996-97	439224	20213	459437	73522	287	73809	512746	20500	533246
997-98	456835	18045	474880	69398	256	69654	526233	18301	544534
998-99	468105	15596	483701	69084	256	69340	537189	15852	553041
999-00	476289	13988	490277	68080	227	68307	544369	14215	558584
10-01p	486045	9313	495358	67118	194	67312	553163	9507	562670

TABLE - 6

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	Yield
1960-61	65355	23175	354	3305	2040	617	1483	452	305	110	30	272	70253	25697	366
1961-62	69269	24954	360	3421	2060	602	1501	402	268	110	30	272	74301	27446	369
1962-63	79516	29057	370	3901	2695	691	1527	447	293	110	40	364	84054	32239	384
1963-64	89529	33792	377	4319	3176	735	1487	468	315	171	51	298	95506	37487	393
1964-65	102125	41381	405	4578	3724	796	1407	481	342	171	20	117	108381	45616	420
1965-66	106623	48953	440	4721	3195	677	1365	382	280	..	..	..	112709	50530	448
1966-67	107298	50495	471	4812	3927	816	1390	396	285	..	..	..	113500	54818	483
1967-68	111400	59978	538	4908	4048	825	1395	434	310	24	8	333	117727	64468	548
1968-69	116835	66473	568	4958	4100	827	1365	470	344	24	11	458	123282	71054	576
1969-70	126358	76897	609	5339	4526	848	1386	516	372	24	14	583	133107	81953	616
1970-71	134103	86773	647	5673	4859	857	1374	519	378	26	20	769	141176	92171	653
1971-72	142000	95499	673	5943	5140	865	1336	550	412	28	21	750	149307	101210	678
1972-73	146957	105934	721	6490	5739	884	1465	659	450	50	32	640	154962	112364	725
1973-74	156384	117221	750	7460	7036	943	1710	856	501	50	40	800	165604	125153	756
1974-75	160956	121558	755	7982	7523	942	1861	1012	544	80	50	625	170879	130143	762
1975-76	167742	128769	768	8257	7631	924	2392	1282	536	89	68	764	176480	137750	772
1976-77	173737	139349	802	8952	8535	953	2715	1667	614	190	81	426	185594	149632	806
1977-78	177890	135907	764	8990	9015	1003	3910	1959	501	216	106	491	191006	146987	770
1978-79	177085	123677	698	8952	9367	1046	3983	2100	539	400	153	383	190330	135297	711
1979-80	178890	136609	764	9195	9108	990	4012	2537	632	457	216	473	192554	148470	771

TABLE - 6 (Contn.)

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	Yield
1980-81	179980	140320	780	9700	10446	1077	4004	2128	531	561	206	367	194245	153100	7
1981-82	181180	139485	770	9812	10510	1060	4344	2606	600	775	319	412	198211	152870	7
1982-83	184340	152662	828	10035	9700	967	4360	3070	704	977	418	428	199712	165850	8
1983-84	187720	162212	864	10600	9736	918	5200	3785	536	1000	547	547	204520	175280	8
1984-85	193290	172092	890	10700	10603	991	5365	3095	577	1164	660	567	210519	186450	8
1985-86	205780	184583	897	10560	11025	1044	5610	4090	729	1397	787	563	223347	200465	8
1986-87	218750	202129	924	10970	11755	1071	5935	4855	818	1409	781	554	237064	219520	9
1987-88	229640	216562	942	11549	12470	1080	6120	5253	858	1491	912	612	249100	235197	9
1988-89	246560	238414	967	11600	13370	1153	6281	6222	991	1562	1166	746	266103	259172	9
1989-90	288714	275397	1025	11835	14065	1188	6500	6475	996	2011	1363	678	289060	297300	1
1990-91	284960	307521	1079	11873	13645	1149	6957	6665	958	2623	1784	680	306413	329615	1
1991-92	301360	343109	1139	12180	13975	1147	7370	7260	985	3630	2401	661	324540	366745	1
1992-93	306539	368648	1203	12110	14250	1177	7872	7910	1005	3879	2882	674	330500	393490	1
1993-94	313416	408311	1304	12215	14720	1205	8410	8626	1026	4509	3503	777	338550	435160	1
1994-95	318965	442830	1389	12550	15065	1200	9175	9700	1057	5580	4220	756	346270	471815	1
1995-96	328812	474555	1443	12420	17335	1396	9530	10275	1078	5882	4745	835	356444	508910	1
1996-97	335400	512756	1529	12730	18505	1454	9760	11160	1143	7890	7004	911	365580	549425	1
1997-98	342420	541935	1583	13000	19175	1475	10365	12150	1172	11185	10570	945	376970	583830	1
1998-99	346663	590099	1599	13215	20263	1533	10685	12549	1174	13517	13134	972	387100	605045	1
1999-00	355342	572820	1612	13377	21134	1580	10980	13115	1194	15101	15196	1006	394800	622265	1
2000-01p	359780	579866	1612	13651	21611	1583	11043	13368	1211	15427	15560	1009	399901	630405	1

Chart 2
AVERAGE YIELD PER HECTARE

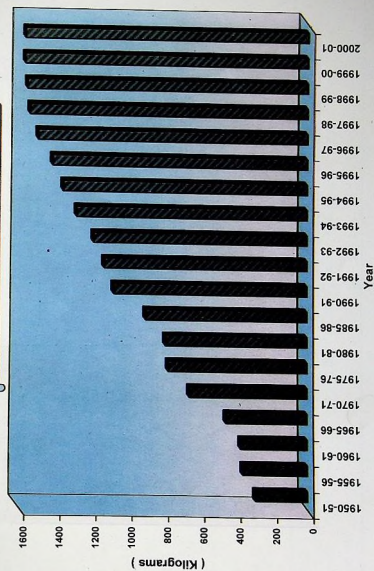




TABLE - 7

MONTHWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

Month	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
April	20450	23590	25245	26520	30870	31890	35300	38315	41080	41735	43355	44105	40035
May	26740	20570	30710	31630	34845	39275	37210	44890	47460	47640	37665	47345	43350
June	16280	18310	20310	22880	25300	26560	29660	36140	40180	41220	38990	40400	39175
July	16685	20520	20650	23835	26295	27610	32540	35810	36990	38580	40220	42750	43490
August	22955	25260	28240	26815	35150	36210	39475	40545	43440	46790	50870	45320	51485
September	28445	34850	39470	34980	46450	46930	48250	51360	55980	48470	52550	56550	56150
October	29160	37965	39840	39695	41360	52660	53040	55110	59320	57130	60555	64825	62450
November	34430	37885	41635	45100	47475	53330	58815	63150	65255	71065	76225	72090	75525
December	37330	39840	43235	54240	52490	54650	62660	64820	71420	75750	77430	76850	79410
January	32290	35650	38690	44805	47750	51210	55990	60125	64785	69710	70365	70550	73030
February	15700	16285	17880	20550	22090	23790	25085	27590	28260	31560	32190	32515	31855
March	16735	18910	20740	22440	25085	27710	28875	31570	29660	35395	36150	37105	35145
Total	297300	329615	366745	393490	435160	471815	506910	549425	583830	605045	622265	630405	631400
Annual growth rate	14.71	10.87	11.26	7.29	10.59	8.42	7.44	8.39	6.26	3.83	2.85	1.31	0.16

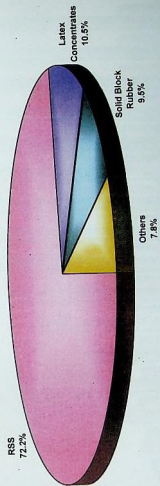
TABLE - 8

GRADEWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

Grade	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
RSS	177625	207180	236530	263220	281335	315535	342775	373455	396160	436560	436275	454180	4551
Latex Concentrates(drc)	32478	36910	39440	43425	46245	48810	52655	59695	61550	55400	64565	60840	659
Solid Block Rubber	15354	17160	16980	25870	27107	31240	40390	41110	51960	49910	59715	60095	602
Pale Latex Crepes	2440	2409	2725	2900	2608	2985	2790	2310	1565	1315	1980	1845	19
Others	31275	33641	33940	31330	36195	36590	33205	30340	38190	40645	42510	45505	470
Total	259172	297300	329615	366745	393490	435160	471815	506910	549425	583830	605045	622265	63041

Chart 3
GRADEWISE PRODUCTION OF NR - 2000-01



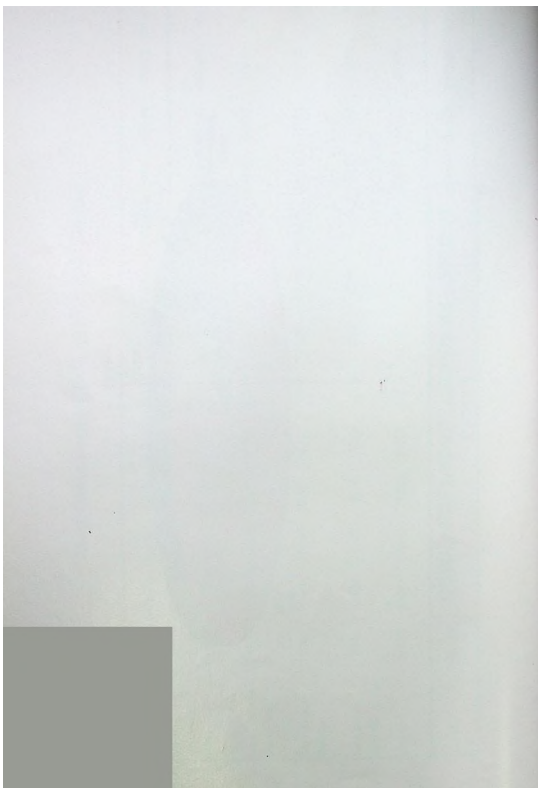
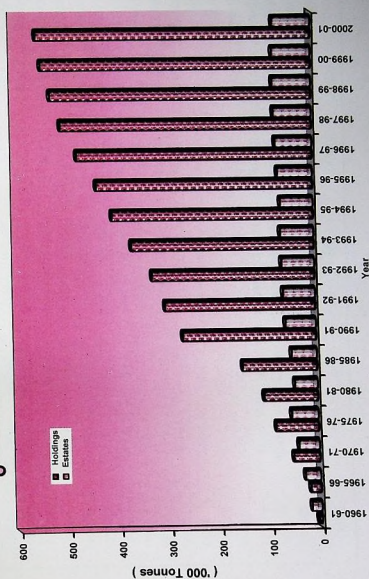


Chart 4
PRODUCTION OF HOLDINGS AND ESTATES



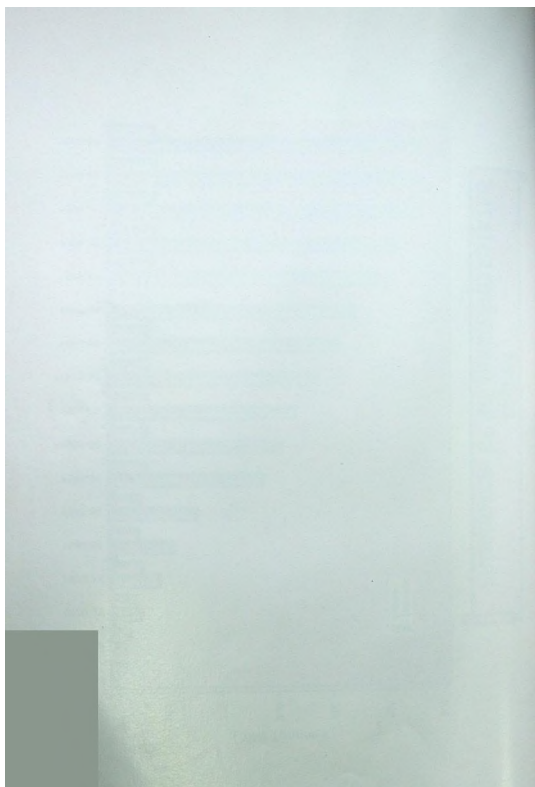


TABLE - 9

PRODUCTION OF HOLDINGS AND ESTATES

(Tonnes)

Year	Holdings	Estates	Total	Year	Holdings	Estates	Total
1950-51	3387	12443	15830	1983-84	125912	49368	175280
1955-56	6450	17280	23730	1984-85	136335	50115	186450
1960-61	6528	19169	25697	1985-86	149673	50792	200465
1965-66	20424	30106	50530	1986-87	168195	51325	219520
1969-70	43785	38168	81953	1987-88	181710	53487	235197
1970-71	51538	40633	92171	1988-89	204000	55172	259172
1971-72	57630	43580	101210	1989-90	239400	57900	297300
1972-73	66247	46117	112364	1990-91	268500	61115	329615
1973-74	75331	49822	125153	1991-92	302700	64045	366745
1974-75	79260	50883	130143	1992-93	327500	65990	393490
1975-76	84616	53134	137750	1993-94	367950	67210	435160
1976-77	93848	55784	149632	1994-95	405900	65915	471815
1977-78	94135	52852	146987	1995-96	436500	70410	506910
1978-79	88767	46530	135297	1996-97	475000	74425	549425
1979-80	103210	45260	148470	1997-98	507000	76830	583830
1980-81	107700	45400	153100	1998-99	527000	78045	605045
1981-82	109160	43710	152870	1999-00p	544600	77665	622265
1982-83	117789	48061	165850	2000-01p	553770	76635	630405

TABLE - 10

DISTRICTWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

District/State	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00p	2000-01p
Thiruvananthapuram	3581	5223	5933	8475	15513	27298	29046	30717	31309	32913	33318
Kollam	16141	24185	25561	19807	26951	38821	41160	43130	44405	45727	46289
Pathanamthitta	--	--	--	16245	34264	52974	56894	59131	60711	61864	62423
Alappuzha	1713	2409	2771	2722	2140	3135	3386	3706	3868	3954	4003
Kottayam	28907	34021	36132	50134	82852	120946	129871	135125	137820	139550	141286
Idukki	--	10187	11140	15611	26638	38356	40712	43380	44005	44853	45405
Ernakulam	11907	12292	13929	19419	37586	62159	66804	69967	71593	72663	73557
Thrissur	5700	7190	6739	6079	9108	15513	17615	18361	18775	19431	19670
Palakkad	1466	3816	4516	7150	12531	22571	25275	28076	30150	31235	31619
Malappuram	6451	9132	10571	11419	14855	24430	27405	29807	31740	32606	33007
Kozhikode	7656	10076	10730	8602	12769	19490	20640	21559	21833	22593	22871
Wynad	--	--	--	1635	2357	3015	3217	3561	3828	3907	3955
Kannur	5251	10238	12298	9841	16808	26876	30559	33646	36164	37992	38459
Kasaragod	--	--	--	7424	13149	18971	20372	21669	22898	23732	24024
Kerala	86773	128769	140320	184563	307521	474555	512756	541935	559099	572820	579866
Outside Kerala	5398	8981	12780	15902	22094	32355	36669	41895	45946	49445	50539
Grand Total	92171	137750	153100	200465	329615	506910	549425	583830	605045	622265	630405

Note : Wynad District was formed in November 1980 from Kozhikode & Kannur Districts; Pathanamthitta District in November 1982 from Kollam & Alappuzha Districts and Kasargode District in May 1984 from Kannur District.

TABLE - 11

MONTHWISE IMPORT OF NATURAL RUBBER

(Tonnes)

Month	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
April	12063	10614	2953	1597	1548	762	940	1021	2347	2859	1751	255	162
May	2287	7759	1195	791	2894	723	820	1619	1737	1085	889	708	843
June	1550	8096	2153	3240	1122	84	3290	1584	3518	905	1284	1367	1298
July	7706	2598	827	2738	2868	691	12301	3156	3378	3493	2125	1939	2992
August	1498	4718	1543	740	3031	914	18654	1531	2518	3942	4573	567	7488
September	1312	5977	1347	3798	1855	1460	5658	1057	2190	4712	2206	968	8767
October	825	1794	472	1321	1105	1196	1754	876	2115	1807	1843	918	3955
November	1858	1143	937	695	756	33	6562	727	1368	1376	1580	749	5406
December	433	2013	583	469	946	248	231	1927	3168	1813	724	278	6225
January	935	1281	604	516	392	806	810	1573	2741	4573	580	334	6437
February	5492	1132	780	996	360	405	1443	1819	3457	1587	1728	232	3900
March*	8486	1888	1676	983	3263	771	1172	2880	3533	1282	930	655	2117
Total	44445	49013	15070	17884	19940	8093	51635	19770	32070	29534	20213	8970	49590

* : Including year end adjustment.

TABLE - 12

GRADEWISE IMPORT OF NATURAL RUBBER

(Tonnes)

Grade	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
RSS 1	398	304	308	129	--	144	334	109	802	302	321	135	247
RSS 2	--	--	--	155	65	--	81	20	--	--	--	--	19
RSS 3	36759	37407	10213	13395	14547	5248	26985	9080	10238	10903	6751	1726	23500
RSS 4	351	184	1186	1328	382	--	6787	1885	5878	4913	2192	818	3633
RSS 5	--	--	--	--	--	--	1287	2598	1160	1139	1879	409	23
Latex	26	718	1397	626	2274	769	683	863	4331	3583	2849	3075	2446
Block	6790	9827	1695	1986	2383	1932	15061	4977	9463	8476	6012	2647	19387
Rubber													
Pale Latex	121	279	271	265	289	--	417	211	198	218	209	160	297
Crepe													
Others	--	294	--	--	--	--	--	27	--	--	--	--	38
Total	44445	49013	15070	17884	19940	8093	51635	19770	32070	29534	20213	8970	49590

TABLE - 13

GRADEWISE EXPORT OF NATURAL RUBBER

(Tonnes)

Grade	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02*
RSS 1/1X	14	58	..	110	9	17	27	3	27
RSS 2	18	221	36	..	18	..	..	..	..
RSS 3	13	226	305	36	84	220	158	267	444
RSS 4	108	105	27	45	95	5037	12308	4675
RSS 5	5834	5988	..	23	117	164	243	198	60	27	1053
ISNR 5	18	..	..	1	..	248
ISNR 10	100	108	319	302	320	200	131	72	34
ISNR 20	40	1077	248	922	625	1070	525	612	432
ISNR 3C	94	..	..	..	..	..	..	..
EBC 1X	10	..	..	..	..	..	..	..
EBC 2X	2	..	..	1	..	..
EBC 3X	3	..	..	..	..	..	..	..
PLC 1X	2	..
Latex (60% drc)	..	11	1	33	..	17	71	40	49	65	82
TOTAL	5834	5999	186	1961	1130	1598	1415	1840	5989	13356	6995

TABLE - 12

GRADEWISE IMPORT OF NATURAL RUBBER

(Tonnes)

Grade	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02 ^a
RSS 1	398	304	308	129	--	144	334	109	802	302	321	135	247
RSS 2	--	--	--	155	65	--	81	20	--	--	--	--	19
RSS 3	36759	37407	10213	13395	14547	5248	26985	9080	10238	10903	6751	1726	23500
RSS 4	351	184	1186	1328	382	--	6787	1885	5878	4913	2192	818	3633
RSS 5	--	--	--	--	--	--	1287	2598	1160	1139	1879	409	23
Latex	26	718	1397	626	2274	769	683	863	4331	3583	2849	3075	2446
Block Rubber }	6790	9827	1895	1986	2383	1832	15061	4977	9463	8476	6012	2647	19387
Pale Latex Crepe }	121	279	271	265	289	--	417	211	198	218	209	160	297
Others	--	294	--	--	--	--	--	27	--	--	--	--	38
Total	44445	49013	15070	17884	19940	8093	51635	19770	32070	29534	20213	8970	49590

TABLE - 13

GRADEWISE EXPORT OF NATURAL RUBBER

(Tonnes)

Grade	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
RSS 1/1X	14	58	..	110	9	17	27	3	27
RSS 2	18	221	36	..	18	..	..	..	..
RSS 3	13	226	305	36	84	220	158	267	444
RSS 4	108	105	27	45	95	5037	12308	4675
RSS 5	5834	5988	..	23	117	164	243	198	60	27	1053
ISNR 5	18	..	..	1	..	248
ISNR 10	100	108	319	302	320	200	131	72	34
ISNR 20	40	1077	248	922	625	1070	525	612	432
ISNR 3C	94	..	..	..	..	..	..	..
EBC 1X	10	..	..	..	..	..	..	..
EBC 2X	2	..	..	1	..	..
EBC 3X	3	..	..	..	..	..	..	..
PLC 1X	2	..
Latex (60% drc)	..	11	1	33	..	17	71	40	49	65	82
TOTAL	5834	5999	186	1961	1130	1598	1415	1840	5989	13356	6995

COUNTRYWISE EXPORT OF NATURAL RUBBER

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

TABLE - 14

	1994-95		1995-96		1996-97		1997-98		1998-99		1999-2000		2000-2001		2001-02p	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Australia	..	..	..	..	33	1452	107	3879	230	6843	40	1150	162	4633	34	946
China	115	5445	..	..	..	..	..	..	..	..	24	810	1350	36675	665	18030
France	58	2564	71	3720	..	..	..	..	..	..	19	610	18	570	10	250
Germany	..	..	..	..	..	..	..	..	..	..	756	19290	3582	99476	2337	57384
Indonesia	..	..	..	..	96	4752	..	..	..	..	..	..	..	..	..	..
Iran	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Japan	..	..	..	..	..	..	36	1831	..	..	..	..	..	..	..	..
Kenya	136	6709	..	..	..	..	..	..	..	..	..	..	108	3011	..	..
Malaysia	..	..	..	..	..	..	..	..	162	4140	..	..	343	8752	..	..
Mexico	..	..	..	..	..	..	..	..	47	1690	..	..	..	..	..	..
Nepal	665	26185	1054	62669	1356	67429	1236	44246	1491	44884	937	30130	927	29843	727	20909
Netherlands	448	16789	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pakistan	..	..	..	..	..	..	..	..	17	1042	9	290	2556	74084	1349	29961
Russia	40	1880	..	..	110	5920	..	..	..	..	72	1880	..	..	..	..
South Africa	38	1960	..	..	..	..	..	..	19	541	3798	99060	658	18873	10	439
Singapore	135	4765	..	..	..	..	16	485	..	..	..	..	630	17384	1406	31836
Spain	..	..	..	..	..	..	..	..	36	918	..	..	..	..	..	..
Sri Lanka	38	1794	..	..	..	..	..	..	..	..	..	..	2047	53421	..	..
Tanzania	56	3430	..	..	..	..	..	..	..	..	..	..	792	22125	173	4016
Thailand	..	..	..	..	..	..	..	..	..	..	..	..	..	..	57	1235
Turkey	..	..	..	..	..	..	..	..	..	..	..	..	..	..	199	4852
U.A.E.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	433
U.K.	182	7441	..	..	..	..	20	687	..	..	..	..	..	..	..	..
U.S.A.	..	..	..	..	..	..	..	..	..	..	..	..	144	3856	..	..
Zimbabwe	..	..	..	..	..	..	..	..	..	..	..	..	39	1137	15	830
Others	48	1778	5	264	3	205	..	..	..	..	10	380	..	..	..	..
Total	1961	80740	1130	66653	1598	70758	1415	51228	1840	55918	5989	161970	13356	373640	6995	169147

TABLE-15

MONTHWISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Month	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
April	26780	29040	29385	33250	36025	37745	41770	45000	44800	45190	49705	51040	52875
May	27980	29215	29810	32150	35875	38330	41525	45955	48600	46020	51290	51675	54505
June	27795	29350	29820	33115	37730	39280	41140	46530	48050	48250	50315	53225	55010
July	27430	31040	30515	33795	38270	39720	43455	49360	48320	47710	52115	53950	52655
August	27530	29420	31320	33995	36650	39850	43265	47525	49810	47550	49775	52415	50820
September	28765	29140	31950	33450	34380	39985	41250	47350	48455	49910	53460	51565	51010
October	27645	30335	31660	34280	36620	38705	43855	45080	47450	48590	50315	51060	51335
November	30360	31405	32410	35985	38200	40220	46480	46050	48150	52400	53670	55450	53150
December	29650	31585	34175	35920	41450	43940	45650	48260	49350	53900	56505	56245	54425
January	29180	31530	32410	36780	38635	44070	45485	48400	48310	51155	54310	52440	54950
February	28255	30870	32960	35565	38160	41655	44410	45045	45275	48535	53195	50475	53045
March	30470	31360	33735	36220	38285	42550	47180	47200	47250	52335	53455	51935	54430
Total	341840	364310	380150	414105	450480	485580	525465	561765	571820	591545	628110	631475	638210
Annual growth rate	8.93	6.57	4.35	8.93	8.78	7.85	8.15	6.91	1.79	3.45	6.18	0.54	1.07

TABLE - 16

GRADEWISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Grade	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
RSS	216550	240895	261780	272605	298090	332720	353730	383260	415220	419935	432985	452120	46320
Estate Brown Crepe	29796	36365	30367	32515	32205	28300	30940	27923	32350	30860	29435	31835	3271
Latex Concentrate(drc)	30420	36790	39865	42370	48600	52125	53985	57995	56255	58100	65430	66775	708
Pale Latex Crepe & Sole Crepe	2325	2710	3307	3240	3075	3035	3085	2826	1780	1395	1920	2190	22
Solid Block Rubber	33730	23750	27700	27855	30730	32560	42345	52205	55060	60780	61295	64385	616
Others	1009	1330	1291	1565	1405	1680	1765	1236	1100	750	770	805	6
Total	313830	341840	364310	380150	414105	450480	485850	525465	561765	571820	591545	628110	6314

Chart 5
GRADEWISE CONSUMPTION OF NR - 2000-01

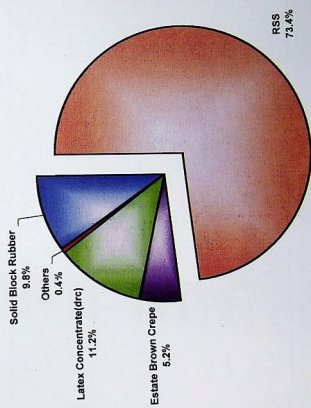




TABLE - 17

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

(Tonnes)

Month	1990-91				1991-92				1992-93			
	G & D	M	STC	T	G & D	M	STC	T	G & D	M	STC	T
April	25550	25185	24251	74866	28245	32240	24591	85076	24140	22785	24919	71844
May	26860	26600	21108	74568	31045	31370	24591	87006	27990	23780	21199	72969
June	23730	28790	19632	72152	25980	28555	24591	79126	26695	26550	9805	62850
July	23475	26965	13923	64363	23165	22275	24591	70031	26340	25340	3414	55094
August	26165	25760	13281	65206	25725	23690	18968	68383	27490	20710	1659	48899
September	35100	23750	16891	75741	33200	25200	18935	77335	34430	19040	659	54129
October	40410	27940	16891	85241	43315	23360	18378	86053	41865	19340	486	61711
November	50015	25965	16891	92871	49640	26175	20215	96030	48990	22370	486	71846
December	55720	30720	16891	103331	56245	26565	23200	106010	66160	24290	486	90936
January	59295	33580	16891	109768	57800	28430	28461	112691	74205	24735	486	99428
February	42225	35795	18341	96361	38510	26325	34140	97975	58605	25575	486	84666
March	30230	34045	22156	86430	26185	25980	29083	81248	42930	27725	486*	71141

Note: G - Growers, D - Dealers & Processors, M - Manufacturers, STC-State Trading Corporation of India, T- Total.

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

TABLE-17 (Contn.)

Month	1993-94			1994-95			1995-96		
	G & D	M	T	G & D	M	T	G & D	M	T
April	38340	29200	68540	38120	32780	71900	29105	34615	63720
May	40510	30840	71350	42905	30670	73575	31245	28510	59755
June	31585	29740	61325	31115	29735	60850	28310	23980	52270
July	26480	26100	52580	25895	23475	49370	29995	22800	52795
August	32070	21690	53760	30085	16180	46265	35575	28490	64065
September	48010	20580	68590	35255	19305	54580	51605	30960	82565
October	50805	23500	74305	48990	21505	70495	62830	31500	94330
November	62300	22365	84665	59055	24520	83575	71745	37365	108110
December	71515	24915	96430	62935	31125	94060	78110	49240	127350
January	77370	28540	105910	59770	41205	100975	81640	57125	138765
February	56865	33045	89910	41240	42290	83530	66445	53935	120380
March	42125	34890	77015	27490	42060	69550	50960	52230	103190

* Stock disposed in December 93.

TABLE - 17 (Contn.)

Month	1996-97			1997-98			1998-99		
	G & D	M	T	G & D	M	T	G & D	M	T
April	51210	46130	97340	68890	36550	105440	107265	39180	146445
May	56470	41430	97900	70220	35490	105710	112330	36600	148930
June	46040	43410	89450	67205	35630	102635	107575	35015	142590
July	40175	38540	78715	64150	30265	94415	98895	37050	135945
August	43900	29010	72910	62855	27765	90620	101550	36850	138400
September	50600	27300	77900	70445	29790	100235	107920	33010	140930
October	59120	29100	86220	81500	32510	114010	116195	35015	151210
November	70750	35070	105620	94285	37850	132135	135700	35520	171220
December	85860	37570	123430	120925	36025	156960	157785	36290	194075
January	93500	43095	136595	137295	38560	175855	171745	44365	216110
February	82590	38095	120665	122320	39070	161990	156560	43825	200385
March	69860	37450	107310	109225	38075	147300	144465	43500	187965

TABLE - 17 (Contd.)

Month	1999-2000			2000-01			2001-02		
	G & D	M	T	G & D	M	T	G & D	M	T
April	138135	44025	182160	135278	49602	184880	133700	37490	171190
May	129230	40040	169270	131517	48958	180475	122530	38300	160830
June	120263	38932	159195	117945	50075	168020	106740	38575	143315
July	110875	38160	149035	113355	44185	157540	105425	31115	136540
August	114780	39030	153810	116395	34000	150395	106195	35520	141715
September	120850	39385	160235	129010	27080	156090	115715	37320	153035
October	139755	32045	171800	136715	32475	169190	133010	34580	167590
November	156365	38570	194935	146580	36240	184820	158425	36435	194860
December	177290	37800	215090	167950	35380	203330	181615	43885	225500
January	184000	47040	231040	178540	43160	221700	196840	51150	247990
February	156015	54255	210270	161980	41095	203075	172160	56875	229035
March	140470	52100	192570	136310	47590	183900	133490	59580	193070

TABLE - 18

MONTHWISE PRODUCTION OF SYNTHETIC RUBBER

(Tonnes)

Month	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02P
April	4082	4646	4090	4391	3615	4069	4208	4695	4861	4401	5296
May	4046	5144	2973	4359	4801	5635	6121	5964	5453	2913	5218
June	4619	4446	3879	5664	6415	4323	6157	5632	5528	6136	5478
July	4469	3691	4057	5803	7118	6370	5693	5793	5843	5751	5199
August	5412	5354	3088	6278	7137	5872	7342	6761	5540	5819	5568
September	4973	5574	4746	5343	4402	4325	6097	4582	5321	5443	5536
October	5266	5730	2878	3401	5975	3286	6174	4953	4390	5308	6660
November	4472	2231	5423	6133	5021	6123	6287	5827	5067	5083	5846
December	5064	4563	5410	6927	6626	5770	7199	5745	5362	6563	6267
January	5555	5185	5766	6245	5301	7347	5645	5558	4001	6504	5880
February	5216	5677	4781	4557	5686	5890	5121	5461	3995	5597	5975
March	4552	5651	2542	4580	6146	5753	5949	6619	4832	5942	6730
Total	57726	57692	49633	63681	68223	64563	71993	67590	60293	65460	69653

TABLE-19

GRADEWISE PRODUCTION OF SYNTHETIC RUBBER

(Tonnes)

Grade	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
SBR 1502	8962	8099	4620	9289	11608	9897	6243	3035	239	--	--
SBR 1712	8458	5406	1646	5425	7645	6265	5031	1183	--	--	--
SBR 1958	21027	21355	22667	21773	17704	20529	17770	15139	12322	12482	15197
Latex(drc)*	1902	1908	2153	3044	3389	4064	3038	1984	1411	1422	1642
Nitrile	--	3108	2592	2614	2837	4300	3619	4445	5280	5151	6275
Polybutadiene	17365	17377	14728	19320	21442	15547	32789	36760	35750	40670	41994
EPDM	--	2	1170	2194	3598	3597	3136	4619	4811	4304	3835
Others	12	637	57	22	--	364	367	425	480	1431	710
Total	57726	57892	49633	63681	68223	64563	71993	67590	60293	65460	69653
Annual growth rate(%)	0.76	0.29	-14.27	28.30	7.13	-5.36	11.51	-6.12	-10.80	8.57	6.41

* includes SBR Latex, VP Latex and Nitrile Latex.

TABLE - 20

GRADEWISE CONSUMPTION OF SYNTHETIC RUBBER

(Tonnes)

Grade	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01 ^p
Styrene butadiene rubber @	45225	44035	45985	46310	48850	51920	54424	55220	51245	53790	54935
Polybutadiene	27115	27430	29875	31580	36195	38700	42033	50250	44040	49245	49810
Butyl	20884	21793	20051	21819	22782	24645	26845	32110	35910	37925	39940
Polychloroprene	2941	3065	3173	3187	3162	3795	3852	4610	4680	5115	5310
Nitrile	3580	3573	3848	3949	4148	4790	4880	5635	6455	6605	5875
Latex(drc)	3442	3570	3485	3593	3955	4320	4740	5070	5050	5025	5030
EPDM		680	815	1457	2018	3200	3400	4285	5665	6190	5920
Others*	1548	1504	1458	1500	1600	2715	2636	3555	3050	3325	3850
Total	104735	105650	108690	113395	122710	134085	142810	160915	156395	167220	170670
Annual growth rate	11.96	0.87	2.88	4.33	8.21	9.27	6.51	12.68	-2.81	6.92	2.06

* : Include unclassified rubber also.

@ : Include SBR latex.

TABLE-21

STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH

(Tonnes)

Month	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01p
April	15150	16560	11155	14680	14070	14700	20455	31420	29420	41020	44500
May	16280	15385	11515	16850	14495	14485	20785	30940	31980	39350	44180
June	15800	14750	11070	16380	15955	14810	23325	32180	31630	39980	46875
July	15900	13125	11490	17920	16050	16110	23230	32735	33895	40920	47900
August	15500	13600	11350	15675	17420	17500	23885	31630	36390	40530	47210
September	14200	12770	11340	16890	16930	16300	24110	30825	34675	40820	47530
October	14000	12270	13160	14900	15190	16820	24160	28890	34240	37805	47010
November	17010	11690	12430	16790	16120	17195	25175	27435	36640	37920	46180
December	18780	11620	13200	16400	17190	17400	24740	27075	37960	40495	45655
January	19650	12380	12960	16790	18200	16380	27110	26005	38150	39690	47040
February	19100	12485	14480	16825	17235	16100	27825	27385	40440	39785	46240
March	19500	11470	12390	14665	20285	18760	31560	29030	42410	43505	45220

TABLE - 22

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

(Tonnes)

Year	Production	Import	Consumption	Export
1960-61	2000*	3024	5453	--
1965-66	9500	179	9774	--
1970-71	15507	--	14348	259
1971-72	16710	--	15772	692
1972-73	17186	--	14666	1076
1973-74	18644	--	17784	1268
1974-75	19360	--	18096	1050
1975-76	19581	--	19342	141
1976-77	20256	--	20957	973
1977-78	21817	--	21681	1282
1978-79	27618	--	26330	1045
1979-80	26786	--	25660	953
1980-81	29336	--	26850	1127
1981-82	28787	--	28160	896
1982-83	28242	--	29190	520
1983-84	32964	--	30690	524
1984-85	34155	--	34625	446
1985-86	39195	--	38215	201
1986-87	38995	--	38635	188
1987-88	40535	--	41140	278
1988-89	40960	--	42450	699
1989-90	47615	--	46300	752
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
2000-01p	62120	--	62260	3349

*: Approximate

Source: For Import and export data upto 1990-91,

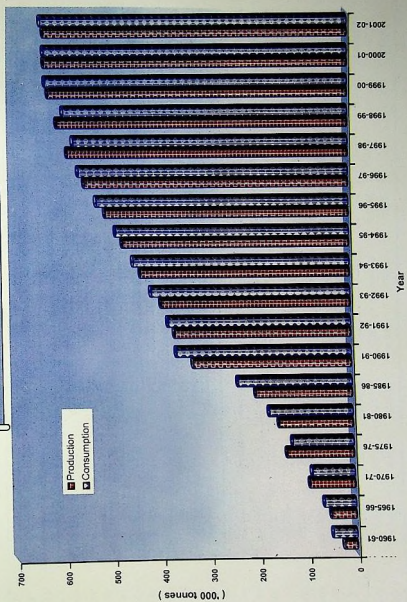
"Monthly Statistics of Foreign Trade of India", published by Govt. of India & CAPEXIL.

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
1955-56	23730		23730	4428	1201	5629	28445	461
1956-57	24060		24060	7341	3134	10475	29998	2866
1957-58	24534		24534	11357	3014	14371	33074	3161
1958-59	24169		24169	12538	4229	16767	35767	3477
1959-60	24173		24173	15287	5718	21005	40491	4964
1960-61	25697		25697	23125	8097	31222	48148	7397
1961-62	27446		27446	22528	10121	32649	48410	10186
1962-63	32239		32239	23360	10297	33657	53553	10723
1963-64	37487	8075	45562	26275	8812	35087	61155	11959
1964-65	45616	11633	57249	15003	3315	18318	61057	15285
1965-66	50530	14741	65271	16357	2735	19092	63765	21553
1966-67	54818	22358	77176	23544	5606	29150	68685	23592
1967-68	64468	19942	84410	9551	3127	12678	74518	23324
1968-69	71054	25868	96922	8548	2909	11457	86615	27238
1969-70	81953	28689	110642	17821	4736	22557	86213	30636
1970-71	92171	29791	121962	2469	5014	7483	87237	33160
1971-72	101210	32911	134121	437	5627	6064	98454	37209
1972-73	112364	21832	134196	380	6044	6424	104028	33913
1973-74	125153	23542	148695	52	5609	5661	130302	23921
1974-75	130143	17712	147855		6939	6839	132804	24376
								156980

CHART 8
PRODUCTION AND CONSUMPTION OF NR



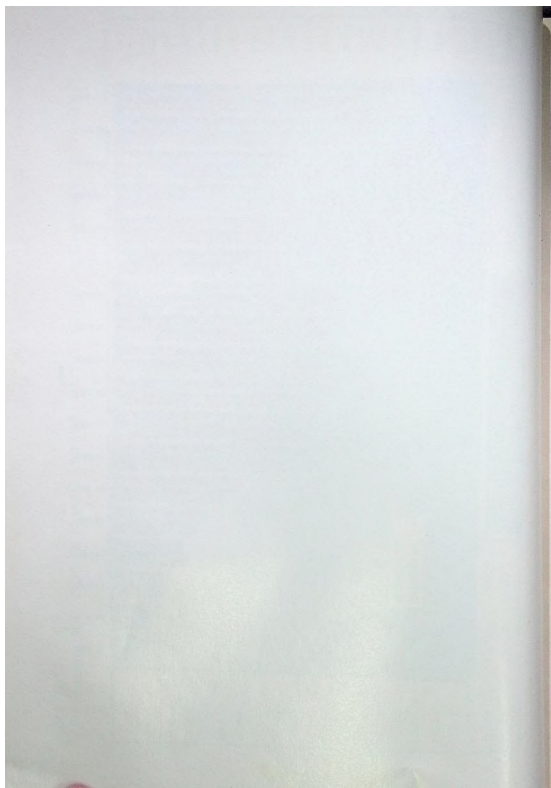


TABLE - 23 (Contn.)

Year	PRODUCTION		IMPORT		EXPORT		CONSUMPTION	
	Natural	Synthetic	Total	Natural	Synthetic	Total	Natural	Synthetic
1975-76	137750	25119	162869		6391	6391	125692	32452
1976-77	149632	23212	172844		7812	7812	137623	34955
1977-78	146987	27288	174275		9835	9835	144987	36150
1978-79	135297	28054	163351	14750	13309	28059	164524	40470
1979-80	148470	29524	177994	32200	17314	49514	165245	43238
1980-81	153100	25293	178393	9250	17492	26742	173630	47050
1981-82	152870	28499	181369	42750	29659	72409	188420	52650
1982-83	165650	30290	195940	33401	24394	57795	195545	55250
1983-84	175280	32270	207550	35940	23287	59227	209480	62300
1984-85	186450	37669	224119	37461	30248	67709	217510	65400
1985-86	200465	34758	235223	41431	39086	80517	237440	71035
1986-87	219520	38816	258336	45356	32000	77356	257305	71785
1987-88	235197	44468	279665	53685	30100	83785	287480	76410
1988-89	259172	54389	313561	59835	33950	93785	313830	84150
1989-90	297300	53482	350782	44445	39000	83445	341840	93550
1990-91	329615	57253	386908	49013	51715	100728	364310	104735
1991-92	366745	57726	424471	15070	39210	54280	380150	105650
1992-93	393490	57892	451382	17884	47362	65246	414105	108890
1993-94	435160	49633	484793	19940	64338	84278	450400	113395
1994-95	471815	63681	535496	8083	73860	81953	485850	122710
1995-96	508910	68223	575133	51635	71735	123370	525465	134085
1996-97	549425	64563	613988	19770	91050	110820	561785	142810
1997-98	583930	71983	655923	32070	86389	118459	571820	160915
1998-99	605045	67590	672635	29534	97548	127082	591645	156395
1999-00	622265	60293	682558	20213	104842	125055	628110	167220
2000-01 p	630405	65460	695865	8870	106923	115893	631475	170670
								802145

TABLE - 24

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

(Tonnes)

Month	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01p
April	90140	101635	83000	83220	85970	78420	117795	136860	175865	223180	229380
May	90850	102390	84485	88200	88070	74240	118685	136650	180910	208620	224655
June	87950	93875	73920	79705	78805	67080	112775	135015	174220	199175	214895
July	80265	83155	66585	70500	65420	68905	101945	127150	169840	189955	205440
August	80705	81985	61250	69435	63685	81565	96795	122250	174790	194340	197605
September	89940	90105	65470	85480	71490	98865	102010	131060	175005	201055	203620
October	99240	98320	74870	89205	85685	111150	112380	142900	185450	208605	216200
November	108880	107720	84275	101455	98695	126305	130985	159570	207860	232855	231000
December	122110	117630	104135	112830	111250	144750	148170	184025	232035	255585	248985
January	129415	125070	112385	122700	119175	155145	163705	201860	254260	270730	268740
February	115460	110460	99145	106735	100765	136480	148510	188775	240825	250055	249315
March	105930	92720	83430	91680	89835	121950	138870	176330	230375	236075	229120

TABLE - 25

PRODUCTION, IMPORT, 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
1955-56	23730	8.98	4428	28158	12	28445	8.02	28457	- 299	5155
1960-61	25697	6.30	23125	48822		48148	18.91	48148	+ 674	9875
1965-66	50530	10.77	16357	66887		63765	4.44	63765	+ 3122	16573
1970-71	92171	12.47	2469	94640		87237	1.19	87237	+ 7403	39108
1975-76	137750	5.85		137750		125692	-5.21	125692	+12058	53759
1976-77	148632	8.63		148632	12296	137623	9.49	149919	- 287	53085
1977-78	146987	-1.77		146987	11078	144967	5.34	158045	- 9058	44027
1978-79	135297	-7.95	14750	150047		164524	13.49	164524	-14477	29515
1979-80	148470	9.74	32200	180670		165245	0.44	165245	+15425	44910
1980-81	153100	3.12	9250	162350		173630	5.07	173630	- 11280	33700
1981-82	152870	-0.15	42750	195620		188420	8.52	188420	+ 7200	39700
1982-83	165850	8.49	33401	199251		195545	3.78	195545	+ 3706	43400
1983-84	175280	5.69	35940	211220		209480	7.13	209480	+ 1740	45150
1984-85	186450	6.37	37461	223911		217510	3.83	217510	+ 6401	51550

TABLE - 25(Contn.)

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
1985-86	200465	7.52	41431	241896		237440	9.16	237440	+ 4456	55380
1986-87	219520	9.51	45356	264876		257305	8.37	257305	+ 7571	62700
1987-88	235197	7.14	53665	288862		287480	11.73	287480	+ 1402	64100
1988-89	259172	10.19	59835	319007		313830	9.17	313830	+ 5177	69280
1989-90	297300	14.71	44445	341745		341840	8.93	341840	- 95	69610
1990-91	329615	10.87	49013	378628		364310	6.57	364310	+14318	86430
1991-92	366745	11.26	15070	381815	5834	380150	4.35	385984	- 4169	81250
1992-93	393490	7.29	17864	411374	5999	414105	8.93	420104	- 8730	71140
1993-94	435160	10.59	19940	455100	186	450480	8.78	450666	+ 4434	77015
1994-95	471815	8.42	8093	479908	1961	485850	7.85	487611	- 7903	69550
1995-96	506910	7.44	51635	558545	1130	525465	8.15	526595	+ 31950	103190
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	49590	680980	6995	638210	1.07	645205	+35765	193070*

*Including year end adjustment

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
1965-66	14741	2735	17476	21553	- 4077	4875
1970-71	29791	5014	34805	33160	+ 1645	13994
1975-76	25119	6391	31510	32452	- 942	12445
1976-77	23212	7812	31024	34955	- 3931	9090
1977-78	27288	9935	37223	36150	+ 1073	10443
1978-79	28054	13309	41363	40470	+ 893	10700
1979-80	29524	17314	46838	43238	+ 3600	15200
1980-81	25293	17492	42785	47050	- 4265	10900
1981-82	28499	29659	58158	52650	+ 5508	16200
1982-83	30290	24394	54684	55250	- 566	15700
1983-84	32270	23287	55557	62300	- 6743	8980
1984-85	37669	30248	67917	65400	+ 2517	11650
1985-86	34758	39086	73844	70035	+ 3809	14470
1986-87	38816	32600	71416	71785	- 369	15100
1987-88	44468	30100	74568	76410	- 1842	13245
1988-89	54389	33950	88339	84150	+ 4189	17000
1989-90	53482	39000	92482	93550	- 1068	15500
1990-91	57293	51715	109008	104735	+ 4273	19500
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	60293	104842	165135	167220	- 2085	43505
2000-01	65460	106923	172383	170670	+ 1713	45220

TABLE - 27

STATEWISE CONSUMPTION OF ALL KINDS OF RUBBER

(Tonnes)

State/Union Territory	1970-71			1975-76			1980-81		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Reclaimed
Andhra Pradesh	1956	199	96	2251	4168	581	196	4955	250
Delhi	+	+	+	+	3483	268	78	3829	1071
Goa & Daman	1192	161	45	1398	2138	447	230	2815	55
Gujarat	4475	2439	193	7107	11110	3109	698	14917	583
Haryana	631	609	358	1598	1920	953	844	3517	1548
Karnataka	6739	1798	380	8917	9268	1062	1069	11399	8413
Kerala	19696	9897	3231	32824	28400	10668	4612	43680	2293
Maharashtra	2277	206	269	2752	5743	227	206	6176	26249
Punjab	+	+	+	+	+	+	+	+	5748
Rajasthan	17548	5966	2628	26142	20900	4140	3526	28566	2463
Tamil Nadu	1160	153	59	1372	9672	1363	501	11536	59
Uttar Pradesh	30988	11634	7015	49637	27300	9090	7482	43872	2472
West Bengal	575	98	74	747	1590*	534	100	2224	2057
Others	87237	33160	14348	134745	125692	32452	19342	177486	7571
Total									45
									26850
									247530

* : included in others.

NOTE: In 1975-76 consumption of rubber by M/S MRF Ltd. at their Kottayam unit was included in Tamil Nadu, but from 1980-81 onwards it is included in Kerala.

TABLE - 27 (Contn.)

State/Union Territory	1985-86			1990-91			1994-95		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Total
Andhra Pradesh	4538	901	439	5878	8907	2594	1743	13244	18321
Bihar	+	+	+	+	+	+	+	+	1019
Delhi	10209	1654	552	12415	15613	3747	1804	21164	18719
Goa & Daman	4180	1683	162	6025	6214	1501	687	8382	2581
Gujarat	4962	780	293	6035	6889	1402	1021	9312	8908
Haryana	18780	7025	925	26730	22728	7106	1373	31207	21833
Karnataka	11670	5119	1912	18701	16978	6602	2267	25847	29022
Kerala	28341	5896	3375	37612	55365	15232	5015	75612	7200
Madhya Pradesh	920	297	24	1241	4120	1040	1151	6311	14733
Maharashtra	37351	14966	6550	58867	47219	21370	8729	77318	2504
Orissa	+	+	+	+	+	+	+	+	58618
Pondicherry	+	+	+	+	+	+	+	+	12673
Punjab	27172	3845	10637	41654	46158	3735	12917	62810	1562
Rajasthan	12259	3623	207	16089	17936	8932	567	25435	59008
Tamil Nadu	19097	7340	3150	29587	21213	11254	4426	36895	5515
Uttar Pradesh	29458	6889	4523	40870	46795	11386	5870	64061	8526
West Bengal	27538	9091	5445	42074	42292	9635	4794	56721	10602
Others	965	926	21	1912	5883	1189	154	7226	62120
Total	237440	70035	38215	345690	364310	104735	52500	521545	12650
									7435
									82105
									5272
									55067
									80
									30
									1365
									38215
									345690

TABLE - 27 (Contn.)

State/Union Territory	1995-96				1996-97				1997-98			
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total
Andhra Pradesh	19015	6573	3115	28703	18728	7416	3302	29446	22664	9709	4350	36723
Bihar	1151	341	206	1698	1250	454	191	1895	1307	472	193	1972
Delhi	19819	2749	1868	24436	17981	2611	1689	22281	17465	2576	1650	21691
Goa & Daman	11689	2606	530	14825	22682	3007	485	26174	23101	3086	671	26858
Gujarat	24245	4058	1715	30018	30230	5181	1752	37163	30757	6625	1811	39193
Haryana	31194	8270	1775	41239	31526	8165	1805	41496	34351	9244	2005	45600
Karnataka	24285	7294	4324	35903	23268	7482	4541	35291	26048	8608	5138	39794
Kerala	75200	22727	6232	104159	67144	24575	5968	97687	68542	27825	6270	102637
Madhya Pradesh	19183	3124	2045	24352	20914	3967	1816	26697	21789	4670	1561	28020
Maharashtra	62840	24899	9673	97412	62608	24675	9434	96717	54832	23415	9769	88016
Orissa	16893	4141	430	21464	18137	4378	405	22920	18859	4985	521	24365
Pondicherry	3067	816	42	3925	3081	887	40	4008	2544	992	45	3581
Punjab	62028	5983	15230	83251	68750	6783	16591	92134	78250	9209	17708	105167
Rajasthan	22249	6056	546	28851	30079	7993	592	38664	30929	8503	635	40067
Tamil Nadu	25844	10657	4793	41294	37884	12019	4890	54793	37129	13910	5352	56391
Uttar Pradesh	65134	14265	7891	87290	63860	13977	7627	85464	63233	16145	7427	86805
West Bengal	39908	9449	5314	54671	42105	9153	5407	56665	38931	10885	4919	54735
Others	1721	67	46	1834	1538	77	50	1665	1089	56	60	1205
Total	525465	134085	65775	725325	561765	142810	66585	771160	571820	160915	70085	802820

TABLE - 27(Contn.)

State/Union	1988-89			1999-00			2000-01		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Total
Andhra Pradesh	16890	10749	3233	30872	19729	11238	2985	33932	3166
Bihar	1525	420	195	2140	1396	329	195	1920	317
Delhi	18826	2496	1474	22796	18926	2371	1429	22726	18360
Goa & Daman	24327	3512	589	28428	23469	5312	1040	29821	23552
Gujarat	31639	4654	1506	37799	32439	5302	1628	39369	35107
Haryana	35855	8791	1388	46034	39678	8761	1407	49846	38638
Karnataka	27409	8725	4582	40716	29736	8538	4528	42803	31233
Kerala	77583	29074	6245	112902	86849	31088	6820	124737	88221
Madhya Pradesh	23790	6902	1651	32243	28677	9609	2714	39000	27732
Maharashtra	61415	25515	8474	95404	68644	26783	8553	103980	66344
Orissa	21768	4545	623	26936	23496	4794	715	29005	24072
Pondicherry	2434	778	44	3256	2255	787	43	3085	2531
Punjab	81685	10077	18248	109940	79242	8463	17561	105266	82843
Rajasthan	30230	7389	485	38104	37534	9395	448	47377	35967
Tamil Nadu	32130	10056	3944	46130	31989	10737	3871	46597	32588
Uttar Pradesh	61567	13847	5396	80810	61707	13877	4606	80290	55684
West Bengal	41113	8982	4962	55057	42952	9706	4876	57534	43258
Others	1359	53	56	1468	1392	49	51	1492	2235
Total	591545	156395	63095	811035	628110	167220	63450	858780	631475
									170670
									62260
									864405

TABLE - 28

VALUE OF NATURAL RUBBER IMPORTED FROM VARIOUS COUNTRIES

('000 Rs)

Country	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
China	--	--	5423	--	8903	56016	--	2814	5745	4975	17
Indonesia	7076	115	897	452	24739	70181	17928	119429	88911	53004	27960
Malaysia	477476	123021	133421	167271	125420	1141140	325100	423509	198578	94027	90242
Myanmar	--	--	7678	--	--	7837	--	12902	44422	20161	6926
Singapore	172968	21929	7000	15385	12348	317905	82858	26832	84364	29499	18177
Sri Lanka	9262	32107	91845	103048	7205	214590	216554	87125	41458	46717	13774
Thailand	89273	112017	218083	259836	84153	906974	331804	524961	371530	247477	87944
Vietnam	--	--	--	--	--	--	--	5051	14658	60467	30736
Others	18744	6249	2111	2817	9348	69780	30128	14196	60996	16877	28057
Total	774799	295438	466458	548809	272116	2784423	1004372	1216619	911662	573204	303833

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

('000 Rs.)

Country	1975-76	1980-81	1982-83	1984-85	1986-87	1988-89	1990-91	1992-93
U.S.A	8584	53923	68064	58432	35621	90787	169848	238822
Canada	6324	10502	92	17438	44866	3318	14845	117143
Germany(FR)	6184	15050	13482	50265	40634	45047	103365	189774
U. K	1259	2459	6242	8905	18423	48010	57240	44267
France	4901	12116	29244	50292	50328	37831	147074	218208
Netherlands	728	997	9792	2401	2902	7204	21230	24557
Belgium	26272	38268	79912	70462	68287	143836	280916	268887
Japan	10744	42232	123514	202354	270249	300382	443334	675105
Others	186	13787	50248	81649	101872	109204	258968	362392
Total	65162	189334	380590	542198	633162	785719	1487050	2140755

Country	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
U.S.A	217630	194740	342214	379592	337598	240005	333813	388800
Canada	71829	49011	142302	149857	286420	387987	503563	584560
Germany(FR)	173442	300791	315298	358867	320315	309669	486823	381012
U. K	82534	82574	70279	126816	163121	145869	233476	236540
France	308474	519020	673387	944163	827490	575273	592979	592781
Netherlands	11774	12488	23384	41510	36726	38746	113970	62789
Belgium	308577	484586	290710	522586	132436	36594	68443	72333
Japan	1166497	1152812	1387977	1365988	1268458	1373712	1174021	1509763
Others	530076	687195	1164116	1418305	1384464	2103575	2147994	2875793
Total	2870833	3443218	4409677	5304694	4757006	5211430	5655082	6664371

* Including waste and scrap of unhardened rubber

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

PRICE OF DIFFERENT GRADES OF RUBBER

(Rs. per 100 Kg. in Kottayam Market)

Month		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5	EB 2X	LATEX ISNR 20 (60% drc)	
April	1990	2356	2301	2264	2213	2170	2048	3281	2165
May	"	2375	2328	2300	2266	2195	2143	3466	2180
June	"	2575	2535	2515	2408	2349	2296	4176	2319
July	"	2428	2360	2338	2282	2133	2195	4412	2220
August	"	2200	2150	2078	2027	1880	1913	4456	1915
September	"	2267	2217	2155	2104	2013	1945	4431	1900
October	"	2210	2138	2070	2025	1938	1870	4689	1893
November	"	2103	2057	2030	1980	1920	1771	4747	1895
December	"	2119	2066	2031	1981	1916	1730	4471	1925
January	1991	2190	2142	2108	2047	1988	1729	4191	1960
February	"	2242	2207	2146	2096	2024	1773	4085	1972
March	"	2245	2204	2143	2114	2027	1799	4120	1985
Average		2276	2225	2182	2129	2046	1934	4210	2027
April	1991	2247	2203	2154	2113	2042	1826	4183	1980
May	"	2206	2181	2145	2115	2075	1804	4147	2015
June	"	2213	2183	2136	2115	2061	1841	4227	2030
July	"	2318	2273	2227	2166	2079	1849	4335	2005
August	"	2431	2384	2335	2285	2188	1853	4329	2020
September	"	2363	2305	2239	2174	2107	1810	3994	2002
October	"	2310	2250	2173	2115	2015	1700	3625	1925
November	"	2300	2240	2143	2112	2037	1650	3316	1910
December	"	2209	2158	2103	2083	2040	1639	3053	1930
January	1992	2220	2142	2097	2075	2040	1603	2993	1957
February	"	2211	2161	2099	2069	2040	1605	3052	1950
March	"	2394	2341	2300	2268	2245	1706	2996	2139
Average		2285	2235	2179	2141	2081	1741	3688	1989
April	1992	2472	2441	2415	2397	2333	1953	3201	2354
May	"	2642	2595	2525	2470	2453	2033	4167	2423
June	"	2840	2778	2723	2680	NT	2254	4447	2628
July	"	2691	2660	2598	2542	2453	2155	4075	2464
August	"	2704	2671	2619	2577	2479	2159	3642	2510
September	"	2927	2849	2813	2764	2589	2184	3526	2576
October	"	2988	2906	2855	2793	2639	2212	4104	2648
November	"	2856	2754	2710	2583	2403	2090	4271	2458
December	"	2635	2585	2451	2332	2263	1967	4312	2278
January	1993	2624	2538	2410	2363	2298	2007	4332	2320
February	"	2735	2666	2613	2562	2508	2255	4530	2466
March	"	2750	2668	2656	2534	2488	2178	4540	2466
Average		2739	2676	2616	2550	2446	2121	4096	2468

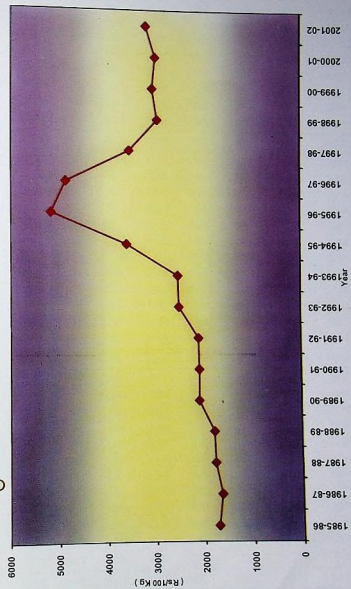
TABLE 30(Contin.)

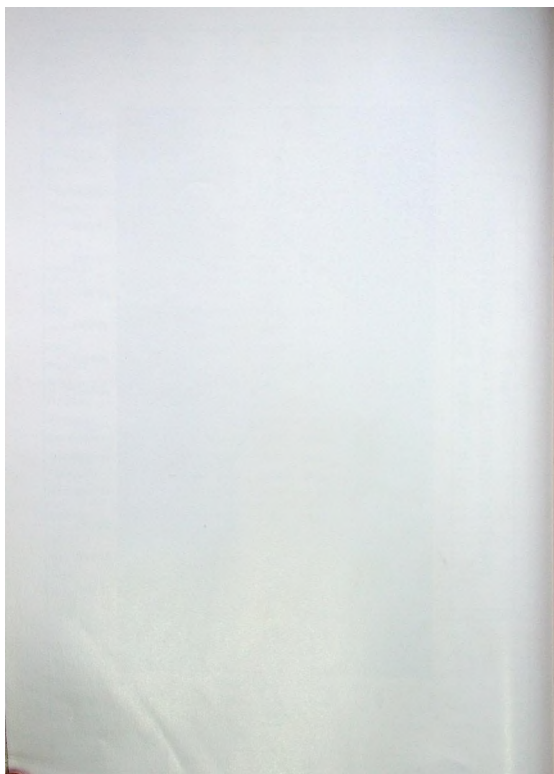
Month		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5	EBC 2X	LATEX	ISNR 20
(60% drc)									
April	1993	2764	2686	2608	2552	2514	2220	4340	2485
May	"	2831	2731	2664	2606	2564	2276	4340	2522
June	"	2970	2885	2800	2737	2688	2346	4664	2647
July	"	2906	2813	2738	2681	2606	2365	4581	2596
August	"	2894	2794	2733	2668	2593	2380	4459	2568
September	"	2795	2695	2625	2564	2448	2319	4470	2437
October	"	2643	2543	2468	2390	2327	2175	4456	2342
November	"	2655	2555	2479	2412	2308	2095	4397	2239
December	"	2725	2625	2550	2484	2349	2103	4304	2331
January	1994	2765	2665	2593	2546	2454	2201	4314	2416
February	"	2838	2738	2688	2593	2553	2310	4399	2542
March	"	2844	2744	2694	2599	2545	2247	4349	2540
Average		2803	2706	2637	2569	2496	2253	4423	2472
April	1994	2855	2755	2705	2621	2577	2253	4250	2550
May	"	2967	2838	2775	2749	2674	2358	4365	2661
June	"	3115	3050	2940	2851	2751	2442	4440	2729
July	"	3175	3095	NT	3014	2949	2577	4376	2871
August	"	3950	3800	3793	3559	3289	2732	4469	3074
September	"	4508	4363	4300	4148	3888	2810	4655	3474
October	"	3831	3550	3475	3548	3411	2883	5100	3489
November	"	3657	3405	3228	3219	3172	2902	4922	3127
December	"	4275	4175	4075	3841	3768	3213	5000	3515
January	1995	4688	4600	4467	4273	4088	3801	5680	3913
February	"	5104	5040	4777	4637	4545	4274	6333	4680
March	"	5486	5474	5297	5195	5091	4871	7143	5087
Average		3968	3845	3803	3638	3517	3093	5061	3431
April	1995	5803	5650	5605	5441	5415	5269	7690	5477
May	"	6633	NT	NT	6047	5965	5683	8420	5889
June	"	6674	NT	NT	6171	5797	5677	9197	5801
July	"	5768	NT	NT	5231	5065	4974	8293	4960
August	"	4921	NT	NT	4295	4116	3815	6558	3758
September	"	4800	4500	4225	4197	4121	3681	6476	3939
October	"	5354	NT	NT	4694	4350	3934	7550	4110
November	"	5493	5350	NT	4925	4461	4146	8038	4176
December	"	6082	NT	NT	5598	5390	4852	8902	5140
January	1996	6171	5880	5800	5588	5347	5063	8456	5350
February	"	5788	5500	5400	5249	5148	4846	7509	5123
March	"	5613	5500	5300	5006	4948	4775	7090	4990
Average		5758	5397	5266	5204	5010	4726	7848	4893

TABLE -30(Contn.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	EBC 2X	LATEX	ISNR 20
(60% drc)									
April	1996	5566	NT	5250	5005	4970	4747	6852	4925
May	"	5583	5350	NT	5252	5066	4914	7047	5020
June	"	5935	5650	NT	5385	5243	5062	7623	5285
July	"	5675	5450	NT	5125	5004	4876	6718	4940
August	"	5549	5200	NT	5033	4920	4738	6270	4695
September	"	5472	5350	NT	5060	4814	4585	6229	4700
October	"	5467	5380	5200	5112	4773	4397	6429	4570
November	"	5358	5200	NT	4898	4624	4248	6218	4262
December	"	5203	5125	5000	4752	4466	3951	5841	4128
January	1997	5219	NT	NT	4699	4424	3909	5750	4300
February	"	4840	4520	NT	4286	4202	3822	5295	4078
March	"	4703	4650	4600	4199	4135	3799	4783	4038
Average		5381	5188	5013	4901	4720	4421	6255	4578
April	1997	4609	4528	4319	3980	3935	3661	4983	3880
May	"	4977	4758	4699	4483	4246	3952	4830	4130
June	"	4825	4600	4475	4224	4104	4003	5590	4185
July	"	4613	NT	4020	3937	3785	3746	5455	3778
August	"	4812	4668	4496	4298	4075	3896	5498	4093
September	"	4541	NT	4102	3892	3758	3422	5667	3705
October	"	4100	3811	3637	3495	3410	3170	5720	3250
November	"	3925	3750	3473	3389	3290	3017	5756	3146
December	"	3410	NT	3088	2970	2790	2594	5660	2640
January	1998	3356	3225	2938	2890	2749	2546	5265	2644
February	"	3115	3000	2808	2700	2584	2460	5102	2602
March	"	3100	3000	2750	2700	2616	2468	5105	2593
Average		4115	3927	3734	3580	3445	3245	5386	3387
April	1998	3068	2894	2729	2653	2588	2457	4905	2617
May	"	3500	3400	2961	2892	2755	2581	5000	2685
June	"	3925	3713	3613	3457	3202	3012	5386	3185
July	"	3854	3700	3476	3314	3090	2904	5326	3079
August	"	3642	3479	3214	3022	2898	2778	4740	2860
September	"	3536	3377	3108	2935	2844	2656	4523	2750
October	"	3840	3621	3421	3338	3112	2837	4715	2941
November	"	3781	3600	3404	3289	3113	2792	4485	2766
December	"	3513	3213	3098	2968	2856	2487	3991	2577
January	1999	3451	3224	2948	2695	2608	2406	3493	2531
February	"	3263	3067	2788	2625	2536	2388	3415	2505
March	"	3261	3050	2872	2737	2672	2478	3331	2607
Average		3553	3362	3136	2994	2856	2648	4443	2759

Chart 7
PRICE OF INDIGENOUS RSS4 GRADE RUBBER
(In Kottayam Market)





Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	EBG 2X	LATEX	ISNR 20
April	1999	3312	3124	2995	2818	2713	2528	3312	2680
May	"	3623	3512	3335	3190	3078	2866	3382	3015
June	"	4102	3918	3704	3401	3242	3162	4500	3205
July	"	3794	3667	3524	3360	3189	3070	4398	3113
August	"	3744	3628	3520	3318	3128	2917	3859	3114
September	"	3408	3265	3135	2951	2863	2762	3897	2810
October	"	3350	3250	3127	2958	2833	2675	3906	2758
November	"	3381	3281	3160	3036	2869	2823	4185	2831
December	"	3268	3168	3001	2865	2730	2697	4030	2710
January	2000	3489	3389	3228	3099	2905	2873	4020	2916
February	"	3529	3429	3278	3133	2972	2893	4508	2950
March	"	3454	3354	3254	3049	2943	2874	5087	2943
Average		3538	3415	3272	3099	2955	2845	4091	2920
April	2000	3687	3555	3396	3199	3115	3018	6090	3069
May	"	3820	3648	3437	3356	3288	3183	5942	3261
June	"	3806	3596	3390	3248	3169	3090	6223	3201
July	"	3832	3567	3402	3253	3145	3060	5117	3199
August	"	3683	3508	3332	3198	3046	2967	4558	2999
September	"	3637	3427	3306	3122	2962	2873	4467	2818
October	"	3566	3374	3266	3061	2930	2789	4223	2745
November	"	3408	3242	3142	2909	2762	2581	3922	2496
December	"	3273	3169	3037	2867	2685	2476	3297	2528
January	2001	3263	3146	3029	2853	2667	2573	3594	2680
February	"	3128	3038	2894	2694	2558	2516	3604	2543
March	"	3047	2961	2828	2667	2578	2484	3683	2538
Average		3513	3353	3205	3036	2909	2801	4560	2840
April	2001	3037	2937	2824	2679	2614	2489	3692	2519
May	"	3674	3574	3443	3295	3117	2839	4200	2975
June	"	3769	3669	3523	3353	3158	2862	4708	2998
July	"	3787	3688	3550	3389	3237	2831	4638	2920
August	"	3956	3848	3736	3601	3347	2844	4367	2995
September	"	3578	3465	3309	3154	3019	2689	4025	2768
October	"	3537	3437	3301	3209	3079	2626	4002	2850
November	"	3478	3368	3281	3209	3079	2568	4326	2774
December	"	3415	3300	3250	3209	3079	2390	4418	2511
January	2002	3435	3340	3267	3209	3079	2433	4604	2648
February	"	3494	3394	3294	3209	3079	2633	4733	2698
March	"	3535	3435	3335	3214	3079	2693	4733	2698
Average		3558	3455	3343	3228	3081	2658	4371	2819

Note: RMA 1X, RMA 1, RMA 2, RMA 3, RMA 4 and RMA 5 are changed to RSS 1X, RSS 1, RSS 2, RSS 3, RSS 4 and RSS 5 respectively vide Gazette Notification No. G.S.R.561(E) dated 5th July 1994, issued by Ministry of Commerce, Govt. of India.

NT - No Transaction.

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
1965-66	385	340	565	---
1970-71	440	390	680	---
1971-72	440	390	680	---
1972-73	440	390	680	---
1973-74	427	377	614	---
1974-75	902	732	1226	---
1975-76	779	720	1370	---
1976-77	813	763	1378	---
1977-78	855	805	1420	---
1978-79	909	858	1440	853
1979-80	1222	1134	1732	976
1980-81	1507	1317	2019	1224
1981-82	1729	1542	2130	1414
1982-83	1833	1634	2210	1477
1983-84	1853	1651	2226	1477
1984-85	2086	1808	2382	1698
1985-86	2350	2110	2736	1928
1986-87	2517	2285	2915	2072
1987-88	2600	2380	3107	2180
1988-89	2886	2654	3368	2246
1989-90	3280	2820	3690	2505
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

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 Indian Petro Chemicals Corporation Ltd.

TABLE - 32

DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION OF RUBBER

(Consumption in tonnes)

Consumption Group	1970-71					1975-76				
	No. of Manufacturers	CONSUMPTION			Total	No. of Manufacturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	847	2168	445	173	2786	1097	5133	671	466	6270
B	280	5862	1210	415	7487	503	12127	1819	1030	14976
C	62	3407	1173	399	4979	135	9178	1597	628	11403
D	68	9577	3270	1666	14513	84	13425	3646	2168	19239
E	13	6138	1802	1853	9693	10	4830	824	1450	7104
F	11	60085	25260	9742	95087	15	80999	23895	13560	118474
Total	1281	87237	33160	14348	134745	1844	125682	32452	19342	177486

Consumption Group	1980-81					1985-86				
	No. of Manufacturers	CONSUMPTION			Total	No. of Manufacturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	1686	4202	597	496	5295	1955	7951	1356	774	10081
B	817	17016	2831	2116	21963	1318	25805	4108	3792	33705
C	159	9944	2901	2431	15276	241	14356	4951	3030	22337
D	112	17783	5834	3930	27447	201	32821	13340	5157	51318
E	18	9674	2731	1771	14176	21	8263	4106	3203	15572
F	24	115011	32156	16206	163373	33	148244	42174	22259	218777
Total	2826	173630	47050	26850	247530	3769	237440	70035	38215	345690

Note : Regarding Consumption Group, see page 52.

TABLE - 32(Contn.)

TABLE - 32 (Contn.)									
Consumption Group	No. of Manufacturers	1990-91			No. of Manufacturers	1994-95			
		CONSUMPTION				CONSUMPTION			
		Natural	Synthetic	Reclaimed		Natural	Synthetic	Reclaimed	
A	2686	11023	3199	1625	15847	10489	2151	1468	14108
B	1639	38447	11043	5724	55214	45569	8474	6773	60816
C	335	19062	5810	3503	28375	30269	5939	5608	41816
D	291	56490	18640	10570	85700	62427	21910	19636	103973
E	34	18892	4731	1840	25463	27564	4695	3484	35743
F	43	220396	61312	29238	310946	309532	79541	27686	416759
Total	5028	364310	104735	52500	521545	485850	122710	64655	673215

Consumption Group	No. of Manufacturers	1995-96				No. of Manufacturers	1996-97			
		CONSUMPTION					CONSUMPTION			
		Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed	Total
A	2421	13025	2400	1716	17141	2412	13713	2693	1538	17944
B	2184	50100	9578	7076	66754	2206	56118	10864	7089	74071
C	489	32485	6763	5805	45053	504	33495	7013	5810	46318
D	380	70324	23782	19737	113843	368	77442	24962	18391	120795
E	51	29005	4275	3731	37011	49	25135	5158	3381	33674
F	47	330526	87287	27710	445523	49	355862	92120	30376	478358
Total	5572	525465	134085	65775	725525	5028	364310	104735	52500	521545

Note : Regarding Consumption Group, see page 52.

TABLE - 31(Contn.)

Consumption Group	1997-98					1998-99				
	No. of Manuf- cturers	CONSUMPTION			Total	No. of Manuf- cturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	2406	14103	3332	1684	19119	2365	13925	2681	1532	18138
B	2211	57718	13440	7759	78917	2132	60224	10076	5392	75692
C	509	34224	8676	5909	48809	505	34391	8262	5583	48236
D	370	79549	30881	20129	130659	387	90147	26920	16689	133756
E	51	28272	5786	3089	37147	54	30573	6510	1485	38568
F	48	357854	98800	31515	488169	51	362285	101946	32414	496645
Total	5595	571820	160915	70085	802820	5494	591545	156395	63095	811035

Consumption Group	1999-00					2000-01				
	No. of Manuf- cturers	CONSUMPTION			Total	No. of Manuf- cturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	2088	11451	2184	1121	14756	1867	11250	2528	1110	14888
B	2182	61920	10896	5931	78647	2039	62895	12827	5277	81099
C	523	35424	8510	5751	49685	549	36812	10354	5024	52190
D	403	91163	29678	17627	138468	394	89520	30015	20481	140016
E	47	25881	5748	1995	33624	56	33831	4768	1095	39694
F	60	402271	110204	31125	543600	57	397067	110178	29273	536518
Total	5303	628110	167220	63450	858780	5062	631475	170670	62260	864405

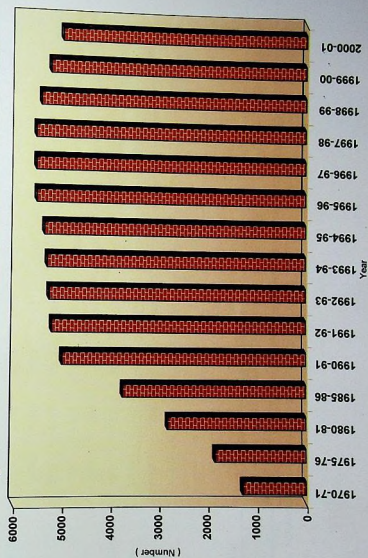
Note:- A: 10 tonnes and below, B: above 10 tonnes and upto and including 50, C: above 50 tonnes and upto and including 100, D: above 100 tonnes and upto and including 500, E: above 500 tonnes and upto and including 1000, F: above 1000 tonnes.

TABLE - 33
NUMBER OF LICENSED MANUFACTURERS IN DIFFERENT STATES AT THE END OF EACH YEAR

State/ Union Territory	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Kerala	221	391	599	816	947	994	1021	1026	974	82
Maharashtra	280	373	468	569	613	627	629	617	623	61
Punjab*	183	339	371	538	623	608	611	593	552	55
Tamil Nadu	111	212	326	491	537	533	545	523	506	50
West Bengal	301	351	413	494	512	531	508	506	484	44
Uttar Pradesh	163	249	352	504	486	465	475	464	450	41
Gujarat	134	191	262	304	414	427	432	422	395	30
Delhi	178	274	326	377	358	333	309	306	287	2
Haryana	114	181	213	252	305	298	313	315	311	2
Karnataka	51	90	162	221	253	252	258	249	249	2
Andhra Pradesh	42	80	107	158	174	173	161	157	140	1
Madhya Pradesh	15	24	46	85	96	92	91	91	91	82
Rajasthan	16	19	44	66	105	105	98	93	92	92
Bihar	25	29	30	47	37	38	34	33	33	33
Goa	5	6	12	24	19	20	31	24	28	28
Orissa	2	10	17	19	17	17	16	16	16	16
Himachal Pradesh	..	3	9	12	13	12	8	7	8	8
Assam	2	2	3	3	4	4	6	6	5	5
Others	1	2	9	48	59	59	49	46	49	49
Total	1844	2826	3769	5028	5572	5588	5595	5494	5303	501

* Includes Chandigarh.

Chart 8
NUMBER OF RUBBER GOODS MANUFACTURERS



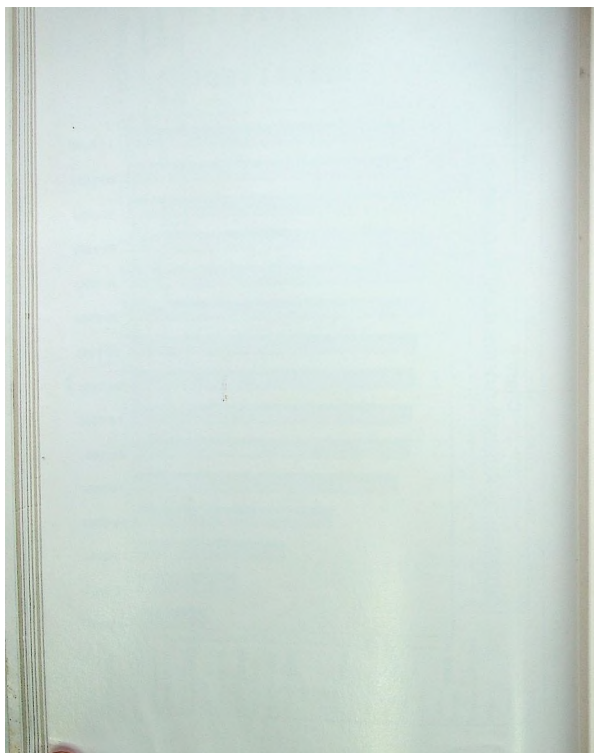


TABLE-34

PRODUCTION OF TYRES

(000 nos)

Year	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01p
Truck & Bus	5258	5498	6269	6591	7309	7696	8095	8058	7913	8969	8612
Tractor	1373	1460	1625	1881	2103	2325	2083	2074	2147	2400	2315
Car	2472	2100	2304	2502	3283	3324	3888	4263	4571	6054	6813
Jeep	596	508	603	664	780	881	1088	1342	1247	1283	1155
LCV	870	746	902	1112	1133	1177	1833	1903	1917	1980	2108
Motor Cycles	1961	1780	1907	3000	3410	3788	4457	5582	7277	9275	11196
Scooter	4466	4482	4590	6566	8791	9853	9545	9577	10975	10140	9385
Moped	555	699	1122	689	771	833	795	400	234	516	119
A.D.V	469	602	550	737	759	673	581	528	593	589	511
OTR	32	31	39	37	39	36	30	37	37	36	38
Aero	15	8	8	14	18	7	0	0	0	0	0
Industrial	8	19	32	75	89	95	66	143	137	172	219
Total	18075	17933	19951	24268	28485	30688	32471	33907	37048	41414	42471

Source: Automotive Tyre Manufacturers' Association, New Delhi.

TABLE-35

PRODUCTION OF TUBES

(000 nos)

Year	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01p
Truck & Bus	4237	4049	4181	4224	4533	4923	5961	6503	6781	7382	7465
Tractor	826	904	890	816	755	995	953	1088	1221	1259	1108
Car	2156	1851	1978	2382	2336	2604	3061	3518	3563	3949	4322
Jeep	430	417	477	447	471	653	811	1153	1133	1046	939
LCV	693	670	743	764	741	969	1323	1422	1416	1614	1758
Motor Cycles	1412	1249	1523	1824	2114	2574	3290	5272	6507	7771	9772
Scooter	2215	1863	2034	2073	2908	4375	4526	5369	6903	5753	5531
Moped	398	530	707	268	508	561	630	208	224	564	223
A.D.V	377	420	296	312	299	259	250	234	295	268	259
OTR	16	12	12	14	11	16	4	8	9	12	9
Aero	1	1	2	3	5	1	0	0	0	0	0
Industrial	7	13	27	31	39	30	24	42	29	33	48
Total	12768	11979	12870	13158	14720	17960	20833	24817	28081	29651	31434

Source: Automotive Tyre Manufacturers' Association, New Delhi.

TABLE - 36

PRODUCTION OF VEHICLES (In numbers)

Year	Commercial vehicles	Tractors	Cars	Jeeps	Motor Cycles	Scooters	Three Wheelers	Mopeds	Total
1981-82	93365	82360	42475	17867	115304	223550	25801	207222	807944
1982-83	87758	62597	43558	20234	135910	264540	31881	232115	879493
1983-84	90069	74216	48901	21681	163290	276433	38575	339881	1057046
1984-85	96004	81821	76090	23208	187147	314748	43508	396053	1218579
1985-86	100452	73456	102804	27961	267107	461860	49847	461950	1545537
1986-87	99153	79073	125866	28784	302520	642038	54566	449688	1781688
1987-88	110100	88597	151875	32036	335679	589734	81112	511699	1890832
1988-89	116447	107183	165798	35754	429017	725305	79361	482001	2140866
1989-90	125051	117690	179278	44309	417401	874992	83752	439293	2281766
1990-91	144591	138538	181821	37369	470339	910315	89162	440092	2412227
1991-92	143171	148123	166389	31530	430786	769420	76750	405804	2171973
1992-93	128111	147927	163302	39176	384080	705670	65464	413353	2047283
1993-94	141476	137608	207658	49836	481955	833083	91524	480451	2383591
1994-95	194799	163059	284468	49675	647521	1030803	128895	516936	2999156
1995-96	259130	191311	347800	67643	809097	1225895	161679	623114	3885669
1996-97	237254	225525	407539	134894*	988709	1322928	221679	669666	4206894
1997-98	160964	259258	401002	134613*	1125958	1279549	234867	667242	4260453
1998-99	135923	253850	390355	113440*	1387276	1315055	209033	672167	4476999
1999-00	175281	257112	574369	124310*	1794093	1269408	205543	724510	5114626
2000-01†	152054	231292	507306	126938	2183430	879707	203234	694974	4977935

* - include multi-utility vehicles which was earlier included in LCV's

Source: Automotive Component Manufacturers' Association of India, New Delhi.

TABLE - 37

REGISTERED MOTOR VEHICLES IN INDIA

(In '000 numbers)

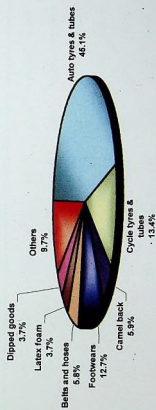
Year	Two wheelers	Cars, Jeeps & taxis	Buses	Trucks	**Others	Total
1975-76	1057	779	115	351	398	2700
1980-81	2618	1160	162	564	897	5391
1981-82	3065	1243	173	613	961	6055
1982-83	3654	1385	185	675	1074	6973
1983-84	4351	1455	199	742	1202	7949
1984-85	5179	1607	223	822	1339	9170
1985-86	6245	1780	227	863	1462	10577
1986-87	7739	2007	245	984	1643	12618
1987-88	9300	2295	269	1114	1840	14818
1988-89	10965	2486	278	1179	2012	16920
1989-90	12611	2694	298	1238	2311	19152
1990-91	14200	2954	331	1356	2533	21374
1991-92	15661	3205	358	1514	2769	23507
1992-93	17183	3361	364	1603	2994	25505
1993-94	18899	3569	392	1691	3109	27660
1994-95	20831	3841	423	1794	3406	30295
1995-96	23252	4204	449	2031	3847*	33783
1996-97	25693	4662	488	2260	4128*	37231
1997-98	28342	5056	535	2529	4128	40590
1999-00	33321	6314	540	2581	5245	48001
2000-01E	36377	6942	560	2831	5631	52341

1998-99 figures not available, E: Estimated by ACMA.

* :- Excludes light commercial vehicles, which is included in trucks. ** :- Others include Tractors, Trailers and Three wheelers.

Source: Automotive Component Manufacturers' Association of India (ACMA), New Delhi.

Chart 9
TOTAL RUBBER CONSUMPTION
according to end products - 2000-2001



CONSUMPTION OF NR ALONE

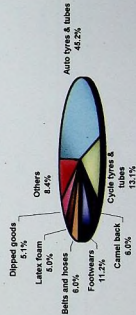




TABLE - 38

CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS

(Tonnes)

Products	1975-76				1980-81				1985-86			
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	62115	17451	4887	84453	87295	28598	6061	119954	114031	36007	7381	157419
2. Cycle tyres & tubes	15979	3056	5414	24449	20664	5346	7860	33870	29915	9220	9672	49107
3. Camel back	5545	2303	682	8530	9130	2484	2005	13619	15047	4142	2943	22132
4. Footwears	12387	4535	2155	19077	17800	6051	3214	27065	24194	9645	5245	39084
5. Belts and hoses	8943	1194	1342	11479	11812	2034	1885	15731	15870	4372	2856	23098
6. Latex foam	2033	--	--	2033	5753	--	--	5753	11396	--	--	11396
7. Cables and wires	590	300	18	908	779	435	136	1350	1004	708	259	1971
8. Battery boxes	280	561	2275	3116	485	778	3220	4483	890	1128	5720	7738
9. Dipped goods	3478	--	--	3478	4945	--	--	4945	9050	--	--	9050
10. Others	14342	3052	2569	19963	14967	3324	2469	20760	16043	4813	3839	24695
Total	125692	32452	19342	177486	173630	47050	26850	247530	237440	70035	38215	345690

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

TABLE - 38(Contd.)

Products	1990-91				1995-96				1997-98			
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	161578	52935	7607	222120	245854	74926	8859	329439	259272	85554	9482	354308
2. Cycle tyres & tubes	50180	10929	16344	77453	66358	11778	21519	99655	77687	16485	23275	117447
3. Camel back	25440	5414	3498	34352	32316	6503	4002	42821	33575	8367	4310	46252
4. Footwears	37574	19251	6819	63644	52003	23541	8513	84057	59807	29610	9180	98597
5. Belts and hoses	25583	7194	3610	36387	35838	7107	4519	47464	37720	7446	4539	49705
6. Latex foam	19598	--	--	19598	28633	--	--	28633	29729	--	--	29729
7. Cables and wires	1252	1154	590	2996	1494	1372	862	3728	1586	1628	920	4134
8. Battery boxes	1265	2038	8235	11538	1784	2387	10318	14489	1793	2779	10710	15282
9. Dipped goods	15578	--	--	15578	24947	--	--	24947	26708	--	--	26708
10. Others	26262	5820	5797	37879	36438	6471	7183	50092	43943	9046	7669	60658
Total	364310	104735	52500	521545	525465	134085	65775	725325	571820	160915	70085	802820

TABLE - 38(Contn.)

Products	1998-99					1999-00					2000-01				
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR
1. Auto tyres & tubes*	262383	85126	9508	357017	290196	93222	10515	393933	285275	94066	10210	389551			
2. Cycle tyres & tubes	81771	15583	20448	117802	81654	15333	19517	116504	82592	15245	19283	116120			
3. Camel back	36901	8195	3462	48558	37601	8566	3837	50004	38104	8815	3924	50843			
4. Footwears	62912	28907	8065	99884	68013	30601	7916	106530	70547	31555	7632	109934			
5. Belts and hoses	37084	6890	4050	48024	38089	7307	3910	49306	38220	7934	3922	50076			
6. Latex foam	31352	--	--	31352	31762	--	--	31762	31620	--	--	31620			
7. Cables and wires	1656	1637	820	4113	1684	1660	815	4159	1719	1684	824	4227			
8. Battery boxes	1834	2550	10157	14541	1862	2705	9885	14452	1865	2691	9875	14231			
9. Dipped goods	28103	--	--	28103	29898	--	--	29898	32081	--	--	32081			
10. Others	47549	7507	6585	61641	47351	7826	7055	62232	49452	8680	7590	65722			
Total	591545	156395	63095	811035	628110	167220	63460	858760	631475	170670	62260	864405			

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

TABLE - 39

VALUE OF RUBBER PRODUCTS EXPORTED

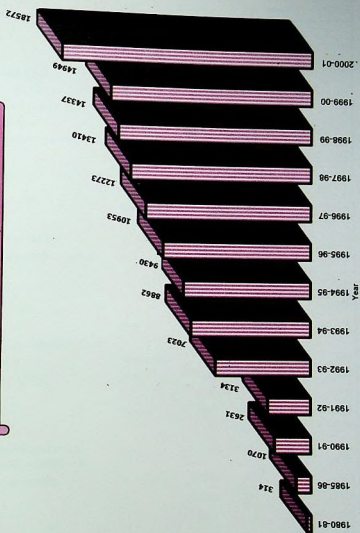
(Value in million Rs.)

Products	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01*
1. Automobile tyres and tubes including tyre retreading materials	55.38	85.14	131.53	470.00	1826.00	7176.80	7944.20	9043.9	8109.70	8510.00	9200.00
2. Beltings	1.64	8.88	42.80	395.00	241.00	369.42	578.75	539.87	684.99	602.46	968.27
3. Cycle tyres and tubes	4.37	9.89	25.88	10.00	120.00	807.44	711.85	740.81	1082.85	1227.86	2100.14
4. Hoses	1.88	2.73	8.23	65.00	77.00	71.18	88.47	90.71	168.10	145.20	228.68
5. Hygienic, medical & surgical articles including gloves	6.18	2.40	20.94	7.07	139.00	1288.41	1477.25	1338.78	1578.36	1366.77	1889.2
6. Rubber footwear	1.59	1.36	3.66	5.00	7.50	84.30	90.90	103.2	--	--	--
7. Rubber-soled footwear with canvas upper	21.57	21.74	41.77	45.00	112.00	134.20	175.60	312.5	747.80*	611.95*	890.92
8. Rubber coats & aprons for textile industry	1.46	0.85	3.94	7.10	11.00	52.28	59.83	83.37	92.60	103.48	154.2
9. Rubber sheetings	0.47	0.80	0.63	5.00	7.20	147.74	172.86	227.57	354.12	576.77	693.2
10. Others	2.42	11.54	34.22	60.83	89.80	821.15	973.29	929.27	1518.39	1804.93	2446.6
Total	96.96	145.33	313.60	1070.00	2630.50	10952.92	12273.00	13409.98	14336.91	14949.42	18571.5

* - including rubber footwear.

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

Chart 10
VALUE OF RUBBER PRODUCTS EXPORTED
(Million Rs.)



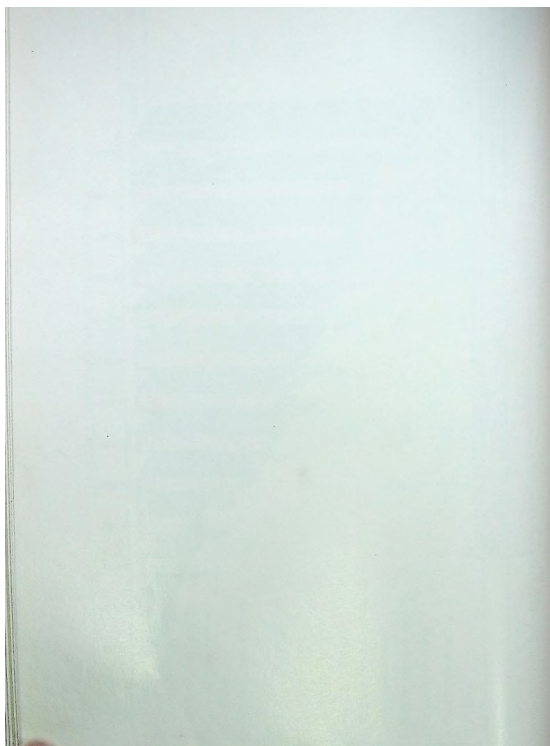


TABLE - 40

QUANTITY AND VALUE OF RUBBER PRODUCTS IMPORTED

(Value in '000 Rs)

Products	Unit	1975-76		1980-81	
		Quantity	Value	Quantity	Value
1. TYRES					
Aircraft	Nos.	2252	3056	1167	4149
Cycle	"	—	—	—	—
Motor car, Truck & Bus	"	1589	812	1864	2370
Tractor and other OTR	"	9184	5537	2318	6350
Motor cycles & Scooters	"	81	4	1	1
Solid/Cushion tyres					
interchangeable tyre treads	Tonnes	453	7198	612	1359
Others	Nos.	2849	702	16854	5583
Total			17309		19812
2. TUBES					
Aircraft	Nos.	4538	489	4	16
Cycle	"	—	—	30	3
Motor car, Truck and Bus	"	444	23	5	3
Tractor and other OTR	"	2239	385	365	107
Motor cycle	"	—	—	—	—
Others	"	2420	245	995	339
Total			1142		468
3. FLAPS					
	Nos.	17	8	5	2
4. HYGIENIC & PHARMACEUTICALS					
Contraceptives	Million Nos.	0.6	70	0.5	636
Others	Nos.	108	4	5521	507
5. BELTING					
Conveyor	Tonnes	1077	28580	212	10573
Others	"	53	2260	178	19268
6. TEXTILE FABRICS COATED WITH RUBBER, LEATHER etc.					
	Kg.	—	—	62329	8008
7. LATEX FOAM SPONGE					
	"	27000	738	22683	206
8. HOSES					
	"	230633	6851	124086	10438
9. EBONITE					
	"	1024	59	26128	933
10. OTHER VULCANISED SHEETS					
	Tonnes	37	1029	56817	2212
11. OTHER ARTICLES OF RUBBER					
			13075		96473
Grand Total			71125		169536

TABLE-4 (Contd.)

Products	Unit	1984-85		1986-87	
		Quantity	Value	Quantity	Value
1. TYRES					
Aircraft	Nos.	153	670	102	837
Cycle	"	--	--	--	--
Motor car, Truck & Bus	"	2207	4552	2610	16657
Tractor and other OTR	"	135	1831	307	6465
Motor cycles & Scooters	"	1	1	--	--
Solid/Cushion tyres					
interchangeable tyre treads	Tonnes	19	660	255	8935
Others	Nos.	3386	4397	2917	8675
Total			12111		41569
2. TUBES					
Aircraft	Nos.	--	--	--	--
Cycle	"	--	--	--	--
Motor car, Truck and Bus	"	--	--	115	262
Tractor and other OTR	"	--	--	--	--
Motor cycle	"	--	--	--	--
Others	"	417	95	--	--
Total			95		262
3. FLAPS					
	Nos.	69	152	7	44
4. HYGIENIC & PHARMACEUTICALS					
Contraceptives	Million Nos.	3	985	5	2980
Others	Nos.	108012	8648	71045	9659
5. BELTING					
Conveyor	Tonnes	162	70729	365	26743
Others	"	91	23444	970	78941
6. TEXTILE FABRICS COATED					
WITH RUBBER, LEATHER etc.	Kg.	273778	24140	530316	43180
7. LATEX FOAM SPONGE					
	"	11577	879	35216	1045
8. HOSES					
	"	771843	74851	650151	69515
9. EBONITE					
	"	25663	1965	49618	1242
10. OTHER VULCANISED SHEETS					
	Tonnes	--	--	112	4525
11. OTHER ARTICLES OF RUBBER					
			195347		343789
Grand Total			413346		623494

TABLE-40(Contn.)

Products	Unit	1988-89		1990-91	
		Quantity	Value	Quantity	Value
1. TYRES					
Cycle	"	--	--	--	--
Motor car, Truck & Bus	"	3717	15619	6879	24522
Tractor and other OTR	"	257	7060	524	28941
Motor cycles & Scooters	"	--	--	--	--
Solid/Cushion tyres					
interchangeable tyre treads	Tonnes	344	5016	--	--
Others	Nos.	9573	25854	3865	57248
Total			63021		129477
2. TUBES					
Aircraft	Nos.	--	--	7	14
Cycle	"	--	--	--	--
Motor car, Truck and Bus	"	750	35	8	11
Tractor and other OTR	"	--	--	--	--
Motor cycle	"	--	--	--	--
Others	"	347	247	696	364
Total			282		389
3. FLAPS					
	Nos.	--	--	85	11
4. HYGIENIC & PHARMACEUTICALS					
Contraceptives	Million Nos	105	61048	74	53463
Others	Nos.	68639	7743	14547	4606
5. BELTING					
Conveyor	Tonnes	229	36926	36	7566
Others	"	189	34212	235	71283
6. TEXTILE FABRICS COATED WITH RUBBER, LEATHER etc.					
	Kg.	4971	1766	6903	1344
7. LATEX FOAM SPONGE					
	"	66	13	3820	472
8. HOSES					
	"	131080	46277	368069	66115
9. EBONITE					
	"	13039	2680	300	158
10. OTHER VULCANISED SHEETS					
	Tonnes	186156	17195	--	--
11. OTHER ARTICLES OF RUBBER					
			248430		657356
Grand Total			519593	992240	

TABLE 40(Contn.)

Products	Unit	1992-93		1994-95		1996-97	
		Quantity	Value	Quantity	Value	Quantity	Value
1. TYRES							
Aircraft	Nos.	658	9252	1638	22474	2644	34090
Cycle	"	616876	37802	236800	12385	310301	14701
Motor car, Truck & Bus	"	2975	7606	37721	39750	46781	101288
Tractor and other OTR	"	743	87967	1314	84402	3452	337215
Motor cycles & Scooters	"	2017	1890	10487	3633	10469	4551
Solid/Cushion tyres interchangeable tyre treads	"	607	3643	543	7167	27*	8253
Others	"	3415	95173	10921	108128	19904	140418
Total			243333		277939		640516
2. TUBES							
Aircraft	Nos.	--	--	55	85	11	16
Cycle	"	193650	4569	295547	6422	72650	1733
Motor car, Truck and Bus	"	111	56	39	11	40264	2703
Tractor and other OTR	"	8	19	12	7	6611	274
Motor cycle	"	--	--	--	--	--	--
Others	"	741	361	1394	2429	18778	5655
Total			5005		8954		10381
3. FLAPS							
	Nos.	607	115	230	135	11*	4150
4. HYGIENIC & PHARMACEUTICALS							
Contraceptives	Million Nos	74	61031	46	40657	79*	25878
Others	Nos.	1040058	2462	1103	346	106*	34701
5. BELTING							
Conveyor	Tonnes	159	33424	255	47647	624	151840
Others	"	447	147212	483	216306	90	251397
6. LATEX FOAM SPONGE							
	"	8	968	5	1680	9	1400
7. HOSES							
	"	81	23526	21	6473	58	14769
8. EBONITE							
	"	38	4880	64	3470	212	1446
9. VULCANISED RUBBER							
THREAD & CORD	"	903	60301	1429	108803	529	62151
10. OTHER ARTICLES OF RUBBER							
			865947		1331878		2144065
Grand Total			1448204		2044288		3342694

*: Tonnes

TABLE-40(Contn.)

Products	Unit	1998-99		1999-00		2000-01	
		Quantity	Value	Quantity	Value	Quantity	Value
1. TYRES							
Aircraft	Nos.	1319	24382	1050	19827	1765	27604
Bicycles	"	202256	13985	175433	26633	25711	12855
Motor car, Truck & Bus	"	265999	277674	182625	198215	172203	195916
Tractor and other OTR	"	8830	293795	4955	180369	4088	228650
Motor cycles & Scooters	"	20126	10908	10882	8976	15558	9333
Solid/Cushion tyres							
interchangeable tyre treads	Tonnes	57	15214	113	24725	76	19811
Others	Nos.	29544	258988	32072	249295	12643	110458
Total			894946		708040		602627
2. TUBES							
Aircraft	Nos.	252	2252	3021	2156	2060	3197
Bicycles	"	115751	3667	19500	516	6492	277
Motor car, Truck and Bus	"	19436	7407	24741	3728	3903	2559
Tractor and other OTR	"	--	--	--	--	94	139
Motor cycle	"	8286	857	1200	125	945	93
Others	"	57820	16645	5828	5670	15418	7302
Total			30828		12195		13567
3. FLAPS							
	Tonnes	13	2067	13	4112	24	6196
4. HYGIENIC & PHARMACEUTICALS							
Contraceptives	Tonnes	91	41955	12	7788	7	7643
Others	"	48	12487	53	16646	107	29716
5. BELTING							
Conveyor	"	466	219187	989	264617	326	179532
Others	"	896	421148	933	364516	1033	373318
6. LATEX FOAM SPONGE							
	"	97	9439	29	3253	123	13650
7. HOSES							
	"	84	35106	347	114389	384	134583
8. EBONITE							
	"	7	1013	24	3525	45	14783
9. VULCANISED RUBBER							
THREAD & CORD	"	647	50457	749	54219	374	34769
10. OTHER ARTICLES OF RUBBER							
			3781258		3849047		4492777
Grand Total			5499891		5402347		5903161

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

TABLE - 41

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

State/Territory	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Kerala	1566	1756	3041	3499	6439	8304	8866	9453	9320	9281	9290
Tamil Nadu	31	75	230	140	192	214	212	223	220	223	213
Punjab*	25	39	63	66	123	217	218	214	189	182	176
Delhi	61	63	112	115	161	181	171	168	147	148	144
West Bengal	53	45	58	67	91	115	103	103	90	85	86
Uttar Pradesh	7	10	35	40	59	89	83	79	81	85	83
Maharashtra	39	30	66	62	77	90	97	102	103	106	90
Karnataka	1	8	15	22	51	104	113	124	117	117	118
Haryana	0	0	0	17	34	46	45	43	44	43	42
Tripura	0	0	5	2	12	79	107	136	138	125	120
Gujarat	3	7	8	6	21	28	28	34	34	36	36
Madhya Pradesh	0	1	1	0	3	14	15	12	8	7	5
Rajasthan	0	0	1	0	2	12	15	13	15	18	18
Assam	0	0	0	0	3	15	15	17	21	24	26
Andaman & Nicobar	0	0	0	2	5	8	8	9	8	8	7
Meghalaya	0	0	0	0	2	4	5	6	6	9	13
Bihar	0	0	1	1	3	4	6	6	6	7	6
Andhra Pradesh	1	1	4	2	0	4	2	3	1	2	3
Orissa	0	0	0	1	1	2	3	2	2	1	1
Goa/Daman & Diu	0	0	0	0	0	1	1	2	2	2	1
Jammu & Kashmir	0	0	0	0	1	1	1	1	1	1	1
Mizoram	0	0	0	0	0	0	0	0	0	0	0
Manipur	0	0	0	0	0	0	0	0	0	0	0
Himachal Pradesh	3	1	1	0	0	0	1	2	1	1	0
Pondicherry	0	0	0	0	0	1	2	2	2	2	2
Nagaland	0	0	0	0	0	0	0	0	0	1	1
Grand Total	1790	2036	3641	4044	7280	9533	10117	10756	10559	10514	10482

* Including Chandigarh.

TABLE - 42

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

District	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
Thiruvananthapuram	40	60	155	197	477	699	786	870	885	869	869
Kollam	272	344	532	329	771	964	1014	1110	1127	1135	1146
Pathanamthitta	0	0	0	323	857	1106	1233	1256	1203	1148	1175
Alappuzha	38	38	47	9	37	115	122	130	124	130	133
Kottayam	686	787	1306	1431	2033	2345	2467	2583	2543	2536	2523
Idukki	0	86	155	239	324	434	457	473	452	458	457
Ernakulam	313	212	392	510	1005	1188	1222	1295	1259	1252	1241
Thrissur	17	19	26	30	84	152	147	162	155	162	168
Palakkad	11	17	38	47	113	235	280	314	328	323	326
Malappuram	16	42	64	88	226	320	369	415	410	415	419
Kozhikode	71	73	137	98	164	197	214	227	217	215	220
Wynad	0	0	0	25	35	52	54	68	72	71	61
Kannur	102	78	189	156	262	403	391	423	428	454	449
Kasaragod	0	0	0	17	51	94	110	127	117	113	103
Total	1566	1756	3041	3499	6439	8304	8866	9453	9320	9281	9290

TABLE - 43

CLASSIFICATION OF LICENSED DEALERS ACCORDING TO THEIR PURCHASE

(In Numbers)

Purchase range in tonnes	1970-71	1975-76	1976-77	1977-78	1978-79	1981-82	1983-84	1985-86	1987-88	1991-92	1994-95	1996-97	2000-01
0 - 10	1022	756	753	874	1352	1603	1425	1724	3134	3384	3899	3826	5302
11 - 25	227	324	345	371	402	519	536	507	618	915	989	1618	1403
26 - 50	148	287	329	377	376	433	492	517	599	962	1041	1412	1057
51 - 100	115	203	287	288	317	371	416	435	511	776	800	1272	955
101 - 250	124	214	283	277	352	371	404	451	510	794	822	1042	883
251 - 500	77	106	141	160	155	185	195	177	212	243	311	453	364
501 - 1000	47	94	98	99	94	109	110	117	128	145	225	268	246
Above 1000	30	52	80	79	87	79	90	116	96	146	208	226	272
Total	1790	2036	2316	2525	3135	3670	3668	4044	5808	7365	8295	10117	10482

TABLE - 44

**AVERAGE DAILY EMPLOYMENT
IN RUBBER PLANTATIONS**

Year	Numbers	Year	Numbers
1965	122481	1983	212613
1966	126958	1984	220434
1967	135104	1985	227780
1968	139795	1986	235351
1969	144423	1987	244477
1970	146591	1988	257742
1971	147902	1989	271601
1972	148040	1990	282674
1973	150909	1991	293108
1974	154214	1992	304618
1975	157754	1993	310800
1976	162661	1994	315900
1977	168475	1995	322300
1978	176925	1996	328900
1979	184320	1997	335450
1980	192578	1998	341320
1981	199775	1999	345200
1982	206790	2000	347700p

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

TABLE - 45

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
1985-86	96.26	3.91	2.18	7.60	109.95
1986-87	94.19	3.94	2.90	8.16	109.19
1987-88	111.60	4.38	3.01	8.31	127.30
1988-89	126.88	5.56	2.75	10.83	145.82
1989-90	141.60	5.39	3.82	13.50	164.31
1990-91	147.34	4.62	3.99	10.03	165.98
1991-92	168.15	5.73	3.65	12.18	189.71
1992-93	180.48	5.82	5.01	13.69	205.00
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	489.97	6.50	7.36	99.10	582.93
1997-98	482.03	5.74	8.04	113.50	609.31
1998-99	500.47	6.23	6.72	114.50	627.92
1999-00	755.63	12.10	6.70	126.63	901.06
2000-01p	821.91	7.38	5.93	133.56	968.78

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

TABLE - 46

SCHEMEWISE EXPENDITURE OF THE RUBBER BOARD

(In Rupees Million)

Scheme	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
1. Rubber plantation development scheme (newplanting and replanting)	118.96	111.18	104.22	87.55	126.85	115.20	111.78
2. Infrastructure development in non-traditional areas	10.02	7.17	15.48	20.02	19.66	27.61	25.88
3. Extension training and supplies*	6.44	4.97	11.16	13.90	16.68	23.12	18.14
4. Maintenance of nurseries and distribution of planting materials	3.81	4.86	5.46	5.57	7.40	4.59	5.20
5. Processing, marketing and product development	7.55	8.21	9.23	11.68	10.16	12.61	12.41
6. Research	24.40	24.91	29.66	37.51	41.86	47.35	52.10
7. Special component plan and tribal subplan	3.74	8.67	13.38	11.15	6.85	11.28	10.76
8. Labour welfare	1.33	1.51	1.99	2.30	2.28	4.13	4.08
9. Construction of administrative building, residential building etc.	6.61	3.03	1.85	5.37	8.48	10.27	13.92
10. Operational expenses for schemes 1,3,4 & 7	22.06	25.61	25.81	28.04	29.92	39.13	46.78
11. General administration	10.15	11.21	12.74	14.36	14.81	17.49	19.96
Total - Plan	155.20	147.47	166.55	161.48	210.23	233.41	228.04
- Non plan	64.11	71.65	71.57	83.80	83.23	88.19	102.20
Grand Total	219.31	219.12	238.12	245.28	293.46	321.60	330.24

TABLE - 46 (contn.)

Scheme	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01*
1. Rubber plantation development scheme (newplanting and replanting)	115.34	103.80	107.63	116.20	141.4	174.76	197	111.56
2. Infrastructure development in non-traditional areas	34.58	25.01	22.14	27.80	30.33	39.04	36.63	42.39
3. Extension, training and supplies*	17.01	71.07	109.44	117.90	113.24	174.87	146.83	116.58
4. Maintenance of nurseries and distribution of planting materials	5.94	6.04	7.20	10.27	11.91	9.15	9.12	14.00
5. Processing, marketing and product development	16.09	13.16	24.59	30.05	81.80	78.17	171.87	136.88
6. Research	64.05	53.16	65.89	82.89	97.05	93.42	105.82	107.54
7. Special component plan and tribal subplan	13.47	23.02	21.48	32.38	32.32	26.78	36.64	66.14
8. Labour welfare	6.59	9.43	10.09	10.21	10.66	11.18	10.81	12.07
9. Construction of administrative building, residential building etc.	10.76	6.78	6.53	6.65	7.03	5.72	2.98	2.02
10. Operational expenses for schemes 1,3,4, & 7	50.95	58.79	72.55	88.77	128.87	119.37	139.07	197.88
11. General administration	21.82	24.02	30.62	31.89	42.71	50.54	50.73	52.00
Total - Plan	253.36	293.84	355.00	420.90	599.26	709.69	799.17	757.78
- Non plan	113.06	109.70	133.75	143.35	108.15	122.60	128.39	123.04
Grand Total	366.42	403.54	488.75	564.25	707.41	832.29	927.56	880.82

* From 1993-94 onwards includes gross expenditure on Productivity Enhancement Scheme. Subsidy portion of this Scheme is only 5 to 12 % and the balance is recoverable.

Note : Totals include contribution to Pension Fund, advance to staff bearing interest and expenditure on official language implementation.

TABLE - 47

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

(In Numbers)

Year	Tjir 1 Clonal Seeds	Tjir 1 Clonal Seedlings	Indigenous Poly Clonal Seedlings	PBIG, GG1 & GG2 Seedlings	Budded Stumps	Green budded Stumps	Budwood *	Poly bagged Plants
1961	688912	22025	-----	-----	25	-----	2638	-----
1962	4445344	68180	-----	-----	326	-----	919	-----
1963	2788850	356835	-----	5320	31012	-----	560	-----
1964	2641345	253777	-----	93990	82964	-----	3704	-----
1965	4195000	202270	-----	172403	63215	-----	2890	-----
1966	3743745	289285	-----	168409	62478	-----	-----	-----
1967	8244751	54500	-----	155002	73533	-----	1707	-----
1968	3087131	289328	14195	92377	101887	-----	3067	-----
1969	6393246	408528	10000	7099	198233	-----	3178	-----
1970	3142000	210500	88900	74800	390900	-----	2525	-----
1971	-----	-----	149060	250	446729	-----	5519	-----
1972	-----	-----	13130	100565	380657	-----	4849	-----
1973	-----	-----	25935	52898	349778	-----	8999	-----
1974	-----	-----	41285	-----	498867	-----	11346	-----
1975	-----	-----	2600	-----	612975	-----	15190	-----
1976	-----	-----	31055	-----	744933	-----	4442	-----
1977	-----	-----	44963	-----	622620	-----	9340	-----
1978	-----	-----	6090	-----	570361	-----	3099	-----
1979	-----	-----	60565	-----	868844	-----	2482	-----
1980	-----	-----	28990	-----	871532	-----	12014	4987

TABLE - 47(Contn.)

Year	Tjir 1 Clonal Seeds	Tjir 1 Clonal Seedlings	Indigenous Poly Clonal Seedlings	PBIG, GG1 & GG2 Seedlings	Budded Stumps	Green budded Stumps	Budwood *	Poly bagged Plants
1981	81110	.....	903688	77794	14916	551
1982	35060	.....	788383	170733	11433	1870
1983	49405	.....	743763	109681	10148	2852
1984	1012372	137887	12510	12459
1985	848443	171680	14291	12901
1986	1003694	276664	12725	53651
1987	833430	259439	31731	.....
1988	513822	282287	22276	3509
1989	962035	7500	10394	3490
1990	1114918	107764	28100	7242
1991	629485	12000	22283	.....
1992	792823	.....	7265	.....
1993	734886	185748	5962	.....
1994	856158	465838	873	.....
1995	549162	527290	7168	.....
1996	645553	405121	23050	.....
1997	900489	402377	15216	.....
1998	738954	248238	1754	.....
1999	557807	187895	311	.....
2000	630566	208283	2391	.....

* In Metres

Note: 1. During 1967, the Board had also distributed 53,464 germinated PBIG/GG Seeds.

2. The approval for planting Tjir 1 clonal seeds and seedlings has been withdrawn by the Board since 1971.

3. During 1978, 172851, and during 1982, 1025 stumped buddings were distributed.

TABLE - 48

RUBBER MARKETED BY THE CO-OPERATIVE SOCIETIES

Year	No. of Societies	Rubber Marketed (In Tonnes)	Year	No. of Societies	Rubber Marketed (In Tonnes)
1965-66	16	1778	1983-84	59	11984
1966-67	18	3027	1984-85	60	12960
1967-68	23	5990	1985-86	62	21036
1968-69	23	3978	1986-87	116	24651
1969-70	25	4284	1987-88	116	25781
1970-71	37	10651	1988-89	118	31246
1971-72	58	14510	1989-90	118	30413
1972-73	58	18513	1990-91	125	29285
1973-74	60	7045	1991-92	146	48665
1974-75	62	4350	1992-93	146	34260
1975-76	62	5545	1993-94	219	50719
1976-77	64	9866	1994-95	231	55934
1977-78	54	7878	1995-96	262	60000
1978-79	52	6875	1996-97	269	62000
1979-80	50	10200	1997-98	288	62900
1980-81	53	9336	1998-99	295	63480
1981-82	54	11067	1999-00	272	80494
1982-83	58	11077	2000-01p	281	101923

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

TABLE - 49

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
1965-66	33.3	65.4	45.8	56.2	61.4	29.5	60.6	68.9	63.7
1970-71	60.8	74.7	79.1	73.2	84.4	67.7	87.9	82.6	85.9
1975-76	90.9	86.9	60.3	82.5	98.0	82.0	98.8	91.9	96.2
1980-81	101.1	101.6	85.1	98.4	107.8	103.2	104.9	97.4	102.1
1985-86	132.3	117.0	87.7	114.0	128.7	133.6	123.4	113.0	119.6
1986-87	144.9	110.7	137.8	121.7	122.1	125.9	116.9	112.4	115.2
1987-88	155.3	118.6	88.1	119.0	114.6	131.1	113.5	118.1	115.2
1988-89	171.1	125.0	154.7	144.1	142.1	153.6	138.9	142.8	140.0
1989-90	196.3	121.4	85.0	128.8	148.3	141.5	139.7	147.3	143.9
1990-91	217.6	132.3	122.3	144.9	149.4	156.6	143.7	156.3	148.4
1991-92	242.1	125.5	129.5	146.1	150.2	158.2	137.6	158.8	145.5
1992-93	259.8	125.5	116.2	146.6	146.5	162.5	144.3	163.7	151.5
1993-94	287.3	132.6	149.7	162.2	181.5	170.0	150.2	169.4	157.3
1994-95	311.4	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
1998-99p	399.4	144.5	148.2	188.6	173.0	202.5	165.2	199.4	177.9
1999-00p	410.8	143.6	148.2	188.1	180.3	217.0	169.7	187.3	176.2
2000-01p	416.2	143.6	148.2	188.1	170.7	195.4	157.5	176.6	164.6

Source: Directorate of Economics & Statistics, Ministry of Agriculture.

CHART 11
MOVEMENT OF PRODUCTION INDICES (BASE 1981-82 = 100)

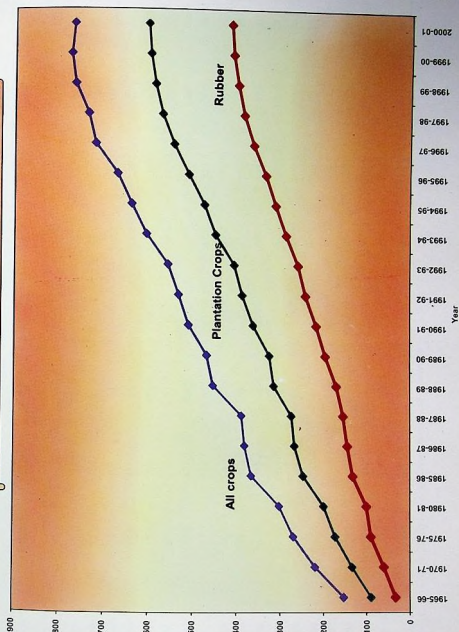




TABLE - 50

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
1965-66	57.2	73.0	74.7	77.4	69.5	52.1	66.9	75.7	70.2
1970-71	83.2	80.2	122.0	86.8	90.2	82.4	93.2	90.4	92.6
1975-76	98.5	90.9	73.4	90.5	99.6	89.0	98.0	96.3	96.7
1980-81	100.7	101.1	84.6	97.9	107.7	102.8	105.1	99.2	102.9
1985-86	115.2	111.2	76.2	102.8	125.3	129.0	122.3	108.4	117.6
1986-87	118.8	102.1	118.7	108.0	118.8	121.4	116.7	111.6	114.9
1987-88	121.1	108.8	76.0	101.7	118.3	126.2	120.4	116.0	120.0
1988-89	125.0	127.0	132.9	116.1	136.5	141.5	138.1	126.6	135.8
1989-90	132.0	117.1	85.0	117.4	141.0	133.7	139.9	130.3	139.0
1990-91	138.1	119.9	110.2	122.2	140.2	143.8	137.8	128.0	133.8
1991-92	145.1	113.6	128.7	123.7	141.1	150.9	136.5	123.9	131.1
1992-93	152.9	113.6	96.5	118.7	140.6	146.7	142.0	130.2	137.0
1993-94	165.0	119.7	107.0	127.4	152.1	150.0	146.5	132.8	140.7
1994-95	174.8	121.0	92.4	127.6	154.0	161.3	150.4	138.9	145.5
1995-96	182.5	122.4	114.4	136.1	144.8	158.5	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	101.9	137.5	153.1	156.7	148.4	131.9	141.2
1998-99	200.6	127.0	94.1	137.8	154.7	163.3	154.0	141.5	144.6
1999-00p	202.3	126.2	94.1	139.3	160.0	175.2	150.8	135.4	149.2
2000-01p	202.3	124.6	92.2	127.5	154.2	172.9	153.8	130.5	143.6

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

TABLE - 51

GROSS DOMESTIC PRODUCT AND CONSUMER PRICE INDEX

Year	Gross Domestic Product at factor cost (at 1993-94 prices) (Rs.Crores)	Annual growth rates (percent)	All India Consumer Price Index* (Base 1986-87=100)
1980-81	401128	7.2	87
1981-82	425073	6.0	75
1982-83	438079	3.1	79
1983-84	471742	7.7	88
1984-85	492077	4.3	88
1985-86	513990	4.5	93
1986-87	536257	4.3	97
1987-88	556778	3.8	107
1988-89	615098	10.5	120
1989-90	656331	6.7	127
1990-91	692871	5.6	136
1991-92	701863	1.3	163
1992-93	737792	5.1	183
1993-94	781345	5.9	189
1994-95	838031	7.3	212
1995-96	899563	7.3	234
1996-97	970083	7.8	256
1997-98	1016399	4.8	267
1998-99	1082472	6.5	296
1999-00	1148500	6.1	306
2000-01p	1193922	4.0	305

* For Agricultural Labourers.

Source: Economic Survey 2001-02, Govt. of India.

TABLE - 52

INDEX NUMBERS OF WHOLESALE PRICES OF SELECTED COMMODITIES

(Base: 1993-94=100)

Commodities	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
All Commodities	112.6	121.6	127.2	132.8	140.7	145.3	155.7
Food - grains	114.7	122.5	137.6	139.3	152.0	176.4	173.8
Fruits & Vegetables	108.0	123.5	148.9	142.8	185.4	154.5	160.0
Condiments & Spices	126.2	153.4	176.6	176.9	220.2	226.4	202.5
Oil seeds	118.5	128.6	130.6	128.3	148.5	133.4	129.3
Minerals	104.9	94.7	107.2	98.8	110.9	110.4	113.5
Electricity	113.6	127.8	133.5	151.8	157.2	168.9	200.0
Edible Oils	110.9	116.9	115.1	113.5	139.1	122.1	103.3
Tea & Coffee processing	104.4	114.6	116.7	160.4	164.1	185.5	189.1
Textiles	118.2	129.4	118.7	115.5	114.4	115.0	119.9
Leather & Leather Products	109.7	119.2	121.2	128.8	133.2	154.6	149.6
Natural Rubber	141.6	202.6	190.8	139.4	116.5	120.6	118.2
Rubber & Plastic Products	106.4	123.0	124.2	124.5	123.7	123.6	125.5
Tyres & Tubes	104.1	129.6	132.9	131.7	133.1	131.7	130.7
Plastic Products	106.8	112.2	110.7	113.1	109.3	110.9	112.1
Other Rubber & Plastic Products	121.0	133.7	132.8	132.8	132.8	132.8	161.0
Chemicals & Chemical Products	116.6	126.8	131.1	137.1	145.8	165.2	164.4
Fertilisers & Pesticides	117.7	128.1	128.2	134.2	138.0	140.3	153.8
Motor Vehicles	107.6	116.7	124.5	129.3	133.4	137.6	146.1

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

WORLD RUBBER STATISTICS

TABLE - 53

AREA UNDER RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Hectares)

Territory	End of	Holdings	Estates	Total
Indonesia	2000	2823	549	3372
Thailand	2000	1895	85	1980
Malaysia	2000	1245	186	1431
China	1998	NA	NA	618
India	2000	496	67	563
Vietnam*	1997	35	240	275
Brazil	1998	100	80	180
Sri Lanka	2000	101	57	158
Nigeria	1999	90	60	150
Liberia	1999	49	60	109
Myanmar	1995	59	46	105
Cote d'Ivoire	1998	26	70	96
Philippines	1999	---	92	92
Cameroon	1997	2	40	42
D.R. of Congo(a)	1999	10	25	35

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

NA : Not available, * : Estimate

(a) : Formerly Zaire.

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

CHART 12
SHARE OF INDIA IN WORLD PRODUCTION OF NR - 2001

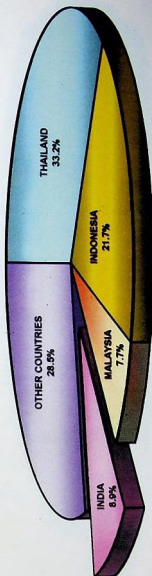




TABLE - 54

PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001 ^p
Thailand	355	501	724	1275	1805	1970	2033	2076	2155	2346	2357
Indonesia	823	1020	1130	1262	1455	1527	1505	1714	1599	1501	1543
India	136	155	198	324	500	540	580	591	620	629	632
Malaysia	1459	1530	1470	1281	1089	1083	971	886	769	615	546
China	69	113	188	264	424	430	444*	450	460*	445	451
Vietnam*	20	46	52	103	155	220	212	218	230	291	317
Liberia *	83	77	84	19	13	30	67	75	100	105	109
Sri Lanka	149	133	138	113	106	113	106	96	97	88	86
Brazil	19	28	40	31	44	51	58	66	72*	76*	80
Philippines	51	70	NA	61	60	62	66	68	65*	67	66
Nigeria*	68	47	52	152	116	64	65	93	58	55	50
Cambodia	10	NA	22	35	38	39	40	39	40*	45*	47
Total**	3315	3850	4400	5120	6070	6440	6460	6840	6810	6740	7100

*: Estimated.

**: Including other countries not reported separately. & NA : Not available separately.

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

TABLE - 55

CONSUMPTION OF NATURAL RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001*
China*	225	340	415	600	780	810	910	839	852	1080*	1215
U.S.A.	666	585	764	808	1004	1002	1044*	1157*	1117*	1193*	972
Japan	285	427	540	677	692	715	713	707	734	752	724
India	129	171	233	358	516	558	572	580	619	638	631
Rep. of Korea*	NA	NA	155	255	300	300	302	282	331	331	330
Malaysia	31	45	69	184	327	357	327	334	344	345	330
France	156	188	156	179	176	182	192	223	253	309	251
Germany@	197	180	202	209	212	193*	212*	247*	226*	247*	244
Brazil	59	81	98	124	155	155*	160*	160	170*	210*	198
Italy	118	132	127	130	102	100	117	146*	134	139	138
U.K.*	171	131	126	136	118	111	119	139	130	133	114
Taiwan*	NA	NA	84	105	103	96	105	103	111	97	94
C.I.S	NA	NA	210	150	13	16	9*	6*	15*	36*	33
Total**	3368	3760	4430	5210	5950	6110	6460	6540	6670	7330	7000

*Estimated. NA: Not available separately. @ : Upto 1990 Federal Republic of Germany.

For C.I.S., data before 1992 refer to the former U.S.S.R.

** : Including allowances for officially reported Statistics and those countries not reported separately.

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

CHART 13
SHARE OF INDIA IN WORLD CONSUMPTION OF NR - 2001

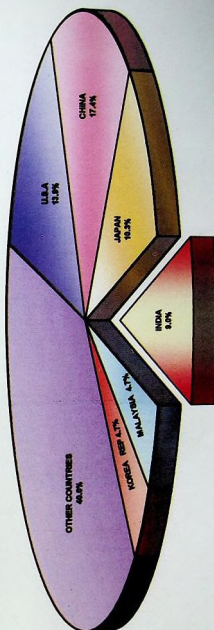




TABLE - 56

COUNTRYWISE IMPORT OF NATURAL RUBBER

(In Thousand Tonnes)

Country	1985	1990	1995	1996	1997	1998	1999	2000	2001p
U.S.A	770	820	1026	1014	1044	1177	1116	1192	972
China*	163	340	297	490	362	411	402	820	943
Japan	540	663	696	724	730	678	755	802	713
Rep. of Korea	159	254	289	299	299	282	332	331	330
France	155	178	176	182	192	223	253	309	251
Germany	202	209	212	193	212	247	226	250	245
Spain	110	119	130	130	148	159	161	171	185
Canada	104	84	121	118	133	148	141	150*	132
Brazil	60	81	106	107*	100	115	98	139	128
Italy	132	132	121	119	132	148	131	136	137
U.K.	131	136	120	111	120	139	131	133	113
Turkey	46	47	79	78	87	84	89	86*	82
Taiwan	84	105	103	96	107	103	111	97	94
Mexico	65	68	55	69	80	82	82	90	67
Argentina	23	31	29	32	38	42	22	27	23
India	34	60	50	17	29	32	24	11	38
World**	3563	4063	4222	4399	4440	4736	4702	5504	5173

*: Estimated, **: Including other countries not reported separately

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

TABLE - 57

COUNTRYWISE EXPORT OF NATURAL RUBBER

(In Thousand Tonnes)

Country	1985	1990	1995	1996	1997	1998	1999	2000	2001 ^p
Thailand	685	1151	1636	1763	1837	1839	1886	2166	2059
Indonesia	1001	1077	1324	1434	1404	1641	1495	1380	1420
Vietnam	36	76	138	195	194	191	230	269*	293
Malaysia	1497	1322	1013	980	1018	989	963	978	820
Liberia	87	19	13*	30	67*	75*	100*	105*	109
Nigeria	29	121	99	49	53*	74*	38*	36*	30
Cambodia	14	28	30*	31*	32*	33*	34*	35*	35
Sri Lanka	120	87	68	72	61	41	43	33	32
World**	3671	4076	4575	4860	5001	5274	5217	5722	5678

*: Estimated, **: Including other countries not reported separately

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

TABLE -58

PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001p
U.S.A.	1960	2215	2026	2115	2530*	2486	2589	2600*	2354*	2394*	2063
C.I.S.	1600	2040	2125	2277	837	775	725	621	737	837	920
Japan	789	1094	1158	1426	1498	1520	1592	1520	1577	1592	1466
France	350	511	544	522	618	583	595	606	592	669	684
Germany @	316	390	448	525	480	548	555	619	720	849	846
China	57	123	171	316	493	553	600	589	754	836	1052
Italy	200	250	225	300	310	303	295	290	279	285	276
Brazil	129	249	266	256	286	310*	347	310	363	373	340
U.K.	261	212	233	274	320	280*	294	252	263	286	270
Netherlands	216	212	235	244	178	198	194	184*	185*	200*	188
Canada*	173	253	209	195	170	220	216	191	180	188	145
Korea Rep*	24	75	106	227	384	516	540	547	655	678	663
Taiwan	NA	77	105	175	365	376	457	472	495	468	460
Mexico	60	91	146	133	142	147	154	173	171	187	173
Belgium*	65	115	92	125	95	105	100	95	100	104	104
Poland	108	118	126	103	105	108	100	94	97	102	90
India	23	23	37	58	67	63	74	67	65	60	69
Total +	6855	8695	8960	9890	9480	9760	10080	9880	10300	10880	10560

*: Estimated, NA: Not Available separately, +: Including other countries not reported separately.

@ : Up to 1990 Federal Republic of Germany; For C.I.S., data before 1992 refer to the former U.S.S.R.

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

TABLE-59

CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001 ^p
U.S.A	1964	1980	1982	1821	2172	2187	2323	2354	2113*	2169*	1900
C.I.S.	NA	NA	2115	2078	424	438	450	358	436	539	620
Japan	585	885	948	1133	1085	1125	1163	1116	1133	1138	1107
China*	55	155	245	340	760	870	995	1000	1285	1455	1575
Germany @	360	421	411	511	426	478*	501*	569	604*	645*	630
France	278	342	312	351	430	436	416	451	434	482	477
Italy	220	288	277	310	293	291	290	275*	287*	291*	276
Korea Rep*	NA	NA	145	279	370	440	406	277	394	382	364
Brazil*	176	244	235	284	280	290	310	300	309	320	304
U.K.*	266	248	201	223	226	230	235	177	189	188	167
Canada	179	200	173	185	198	242	259	238	221*	233*	228
Taiwan*	NA	NA	95	195	284	274	292	272	263	260	227
Spain	NA	NA	144	166	195	200	222	229	242*	269*	265
Mexico*	NA	NA	140	114	132	160	162	165	169	160	142
India	32	46	70	97	133	142	158	155	164	171	172
Total +	7028	8785	9000	9660	9270	9590	10000	9870	10170	10810	10460

*: Estimated, NA: Not Available separately. @: Upto 1990 Federal Republic of Germany.

For C.I.S., data before 1992 refer to the former U.S.S.R.

+ Including allowances for discrepancies in officially reported statistics and those countries not reported separately.

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

CHART 14
WORLD CONSUMPTION OF NR AND SR

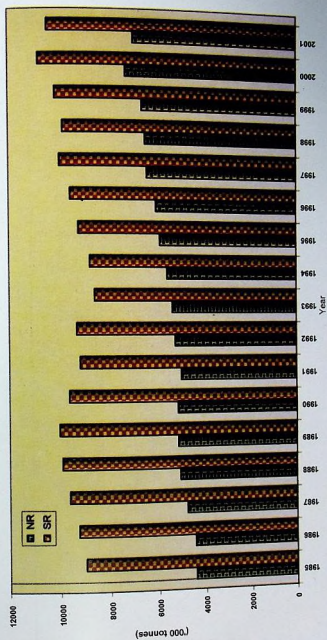




TABLE - 60

PRODUCTION, CONSUMPTION AND STOCK OF NATURAL AND SYNTHETIC RUBBER
(In Thousand Tonnes)

Year	NATURAL RUBBER				SYNTHETIC RUBBER			
	Production	Consumption	Excess(+) or deficiency(-) compared with consumption	Stock at the end of the year	Production	Consumption	Excess(+) or deficiency(-) compared with consumption	Stock at the end of the year
1985	4400	4430	-30	1570	8860	9000	-40	1730
1986	4490	4460	+30	1600	9270	9280	-10	1720
1987	4840	4800	+40	1640	9450	9650	-200	1520
1988	5020	5100	-80	1560	10160	9940	+220	1800
1989	5150	5190	-40	1610	10150	10040	+80	1880
1990	5120	5210	-90	1520	9890	9660	+230	2120
1991	5160	5060	+100	1600	9270	9220	+50	1940
1992	5450	5320	+130	1730	9300	9360	-60	1900
1993	5310	5430	-120	1600	8600	8630	-30	1870
1994	5720	5650	+70	1700	8870	8820	+50	1910
1995	6070	5950	+120	1780	9480	9270	+210	2120
1996	6440	6110	+330	2110	9760	9590	+170	2290
1997	6460	6460	0	2100	10080	10000	+80	2370
1998	6840	6540	+300	2400	9880	9870	+10	2380
1999	6810	6670	+140	2540	10300	10170	+130	2510
2000	6740	7330	-590	1950	10880	10810	+70	2580
2001 ^p	7100	7000	+100	2060	10560	10460	+100	2680

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

TABLE- 61

ESTIMATED PERCAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER

(Kilograms)

Country	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000
U.S.A.	8.77	10.75	12.28	12.18	11.26	11.43	10.52	12.07	11.96	12.61	12.98	11.83	11.84
Canada	5.19	7.22	8.77	11.04	11.85	10.65	10.12	10.77	12.05	12.88	12.74	11.87	12.46
Germany	4.58	6.20	9.21	9.01	9.77	10.05	9.07	7.69	8.19	8.72	9.47	10.11	10.84
France	4.84	5.66	8.25	8.22	9.84	8.48	9.34	10.32	10.59	10.39	11.46	11.62	13.42
U.K.	5.75	6.83	8.53	7.80	6.77	5.77	6.24	6.06	5.82	6.12	5.46	5.43	5.45
Japan	2.44	3.82	7.47	7.80	11.23	12.31	14.65	14.19	14.82	14.93	14.42	14.76	14.89
Australia	5.93	7.02	7.51	7.20	6.87	5.19	5.39	6.37	5.80	5.50	5.47	5.17	4.91
Italy	2.68	3.85	5.78	6.10	7.44	7.05	7.63	6.93	6.81	7.08	7.37	7.34	7.39
Brazil	0.89	0.80	1.32	2.24	2.68	2.52	2.76	2.98	2.82	2.94	2.94	2.90	3.34
China	0.18	0.23	0.35	0.38	0.50	0.62	0.83	1.25	1.36	1.56	1.46	1.69	1.99
India	0.12	0.18	0.22	0.27	0.32	0.40	0.55	0.70	0.70	0.76	0.76	0.79	0.81
World	1.46	1.85	2.35	2.57	2.82	2.77	2.82	2.61	2.73	2.86	2.79	2.82	2.99

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

Chart - 15
PRICE OF NATURAL RUBBER IN INDIAN AND INTERNATIONAL MARKETS

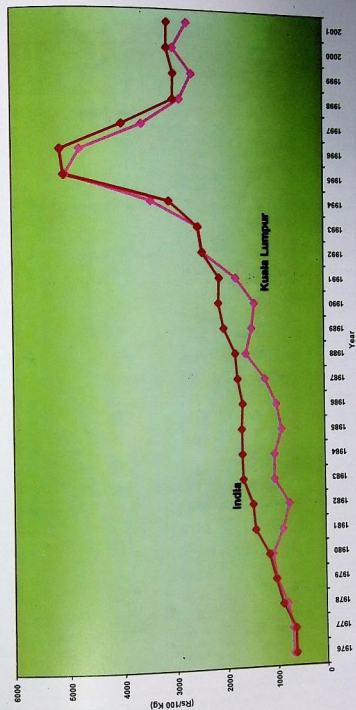




TABLE - 62

WORLD PRICE OF NATURAL RUBBER

(Average price for RSS 3 per 100 Kg.)

Year	LONDON (C.I.F)		KUALA LUMPUR (F.O.B)		KOTTAYAM (INDIA)
	Pound Sterling	Equivalent Rate in Rs.	Malaysian Ringgit	Equivalent Rate in Rs.	Rs.
1976	46.02	750	189.7	674	620
1977	49.34	756	194.0	692	630
1978	54.04	850	222.5	789	885
1979	62.53	1072	271.1	1011	1024
1980	63.76	1170	298.7	1083	1154
1981	53.38	938	230.8	872	1423
1982	49.37	819	181.3	739	1473
1983	73.00	1120	238.8	1042	1672
1984	73.26	1110	214.7	1040	1689
1985	61.15	980	179.8	890	1694
1986	57.09	1057	202.1	988	1670
1987	62.23	1321	236.4	1217	1766
1988	69.25	1717	301.2	1600	1811
1989	61.06	1623	247.0	1482	2040
1990	51.24	1604	220.6	1425	2147
1991	50.00	2000	216.9	1796	2128
1992	52.72	2655	212.6	2457	2463
1993	58.92	2786	207.5	2538	2546
1994	78.49	3779	288.6	3455	3107
1995	104.62	5375	390.4	5030	5059
1996	92.96	5143	342.9	4764	5122
1997	63.65	3776	273.8	3614	3988
1998	45.76	3127	273.1	2884	3013
1999	42.71	2989	231.5	2644	2997
2000	48.60	3296	252.5	3007	3125
2001	44.90	3041	218.5	2732	3109

Note: In the case of India, price refers to RSS 4 grade rubber at Kottayam market.

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

TABLE - 63

PRICE OF DIFFERENT GRADES OF NATURAL RUBBER IN MALAYSIA

(F.O.B. Kuala Lumpur in Rs. per 100 Kg.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	1992	2645	2621	2591	2555	2471	2590
May	"	2632	2608	2577	2541	2464	2580
June	"	2640	2616	2586	2550	2479	2545
July	"	2671	2646	2616	2579	2507	2514
August	"	2639	2603	2579	2539	2506	2491
September	"	2623	2575	2548	2506	2428	2439
October	"	2672	2606	2571	2527	2451	2402
November	"	2657	2589	2549	2491	2423	2400
December	"	2708	2631	2585	2519	2454	2459
January	1993	2772	2692	2647	2578	2513	2552
February	"	2919	2851	2815	2719	2650	2697
March	"	2681	2657	2627	2529	2462	2563
Average		2688	2641	2608	2553	2484	2519
April	1993	2575	2556	2526	2429	2362	2566
May	"	2552	2534	2503	2405	2338	2525
June	"	2547	2527	2492	2399	2331	2493
July	"	2532	2513	2483	2385	2318	2437
August	"	2576	2541	2516	2412	2344	2415
September	"	2579	2512	2487	2382	2315	2350
October	"	2502	2452	2428	2319	2252	2315
November	"	2533	2484	2459	2348	2281	2395
December	"	2544	2476	2452	2342	2274	2511
January	1994	2528	2451	2428	2320	2256	2573
February	"	2673	2607	2584	2470	2408	2795
March	"	2853	2786	2762	2647	2583	3025
Average		2583	2537	2510	2405	2339	2533

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	1994	2963	2901	2881	2784	2725	3256
May	"	3064	3005	2987	2900	2841	3129
June	"	3281	3234	3216	3125	3065	3180
July	"	3911	3904	3885	3800	3740	3534
August	"	3937	3931	3913	3827	3766	3702
September	"	3975	3969	3950	3864	3803	3764
October	"	4285	4278	4260	4174	4113	4143
November	"	4210	4203	4187	4100	4038	4173
December	"	4594	4566	4553	4461	4400	4877
January	1995	5129	5092	5079	4987	4926	5642
February	"	5536	5492	5480	5388	5327	5716
March	"	5714	5671	5658	5565	5503	5520
Average		4217	4187	4171	4081	4021	4220
April	1995	5792	5748	5735	5640	5577	5401
May	"	5383	5338	5324	5230	5166	5033
June	"	4823	4772	4759	4662	4598	4498
July	"	4218	4167	4154	4058	3994	3841
August	"	4068	4018	4005	3910	3846	3862
September	"	4432	4383	4370	4272	4206	4268
October	"	4859	4811	4798	4695	4627	4591
November	"	5564	5511	5498	5396	5327	5490
December	"	5644	5516	5503	5400	5331	5634
January	1996	5533	5393	5379	5274	5204	5577
February	"	5658	5515	5500	5393	5321	5500
March	"	5305	5176	5162	5061	4994	5042
Average		5107	5029	5016	4916	4849	4895
April	1996	4927	4800	4788	4686	4619	4475
May	"	5069	4939	4932	4823	4755	4429
June	"	5036	4919	4912	4796	4727	4219
July	"	4663	4552	4545	4426	4357	4219
August	"	4534	4416	4409	4290	4220	4261
September	"	4556	4439	4432	4313	4243	4387
October	"	4357	4244	4236	4122	4052	4305
November	"	4525	4474	4467	4336	4266	4385
December	"	4491	4413	4406	4261	4190	4362
January	1997	4400	4334	4327	4176	4105	4341
February	"	4366	4314	4306	4155	4083	4291
March	"	4384	4350	4343	4191	4119	4221
Average		4609	4516	4509	4381	4311	4325

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	1997	4129	4093	4086	3935	3863	3909
May	"	3956	3927	3920	3770	3698	3727
June	"	3968	3940	3933	3783	3712	3669
July	"	3349	3321	3314	3168	3084	3338
August	"	3289	3262	3256	3118	3052	3275
September	"	3169	3133	3127	3000	2939	3157
October	"	3155	3097	3091	2976	2920	3142
November	"	3094	3032	3026	2910	2856	3113
December	"	2832	2842	2637	2527	2475	2820
January	1998	2630	2431	2426	2332	2287	2612
February	"	3191	2968	2963	2856	2805	3264
March	"	2937	2873	2867	2755	2703	2976
Average		3308	3227	3221	3094	3033	3250
April	1998	3064	2994	2988	2871	2823	2987
May	"	3173	3109	3104	2992	2939	3091
June	"	2965	2918	2912	2801	2748	2781
July	"	2986	2940	2934	2827	2776	2593
August	"	2790	2749	2744	2636	2585	2447
September	"	2872	2828	2822	2705	2650	2486
October	"	3095	3050	3044	2927	2871	2587
November	"	3057	3011	3005	2887	2831	2558
December	"	2862	2809	2804	2695	2639	2522
January	1999	3028	2923	2906	2783	2727	2551
February	"	2929	2771	2754	2635	2579	2570
March	"	2715	2613	2597	2478	2422	2339
Average		2961	2893	2885	2770	2716	2626
April	1999	2531	2451	2434	2315	2259	2289
May	"	2570	2491	2474	2355	2298	2433
June	"	2615	2536	2518	2398	2341	2440
July	"	2470	2399	2381	2261	2203	2238
August	"	2451	2382	2364	2243	2185	2361
September	"	2594	2530	2513	2391	2334	2658
October	"	2825	2767	2750	2628	2571	2877
November	"	3219	3150	3133	3013	2955	3336
December	"	2985	2919	2902	2781	2723	3091
January	2000	2836	2779	2762	2641	2583	3106
February	"	3278	3197	3180	3058	3000	3312
March	"	3104	3050	3032	2911	2853	2986
Average		2790	2721	2704	2583	2525	2761

TABLE - 63(Contn.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	2000	3160	3090	3073	2951	2893	2960
May	"	3197	3103	3085	2963	2905	2779
June	"	3137	3022	3004	2880	2820	2671
July	"	3003	2875	2857	2733	2673	2618
August	"	3215	3075	3056	2929	2869	2831
September	"	3127	2994	2975	2847	2787	2796
October	"	3173	3047	3028	2899	2838	2857
November	"	3104	3010	2991	2861	2799	2865
December	"	3137	3055	3037	2906	2844	2988
January	2001	3057	2940	2921	2792	2730	2904
February	"	2942	2818	2800	2670	2608	2789
March	"	2821	2687	2669	2539	2477	2519
Average		3089	2976	2958	2831	2770	2798
April	2001	2875	2739	2721	2590	2528	2592
May	"	2977	2852	2833	2702	2640	2662
June	"	3027	2918	2899	2768	2705	2632
July	"	2910	2802	2783	2652	2589	2506
August	"	2844	2759	2740	2609	2546	2561
September	"	2731	2668	2649	2517	2454	2436
October	"	2708	2663	2644	2510	2446	2431
November	"	2689	2664	2645	2511	2447	2468
December	"	2523	2494	2475	2341	2278	2389
January	2002	2805	2778	2759	2624	2560	2641
February	"	3083	3057	3038	2902	2838	2882
March	"	3390	3347	3327	3192	3127	3278
Average		2880	2812	2793	2660	2597	2623



INDIAN RUBBER STATISTICS





INDIAN RUBBER STATISTICS

Volume 26

2003

compiled by

THE STATISTICS & PLANNING DEPARTMENT

THE RUBBER BOARD
(MINISTRY OF COMMERCE & INDUSTRY, GOVT. OF INDIA)
KOTTAYAM-686002,INDIA

Phone: 0481-2571231(12lines)

Fax:2571380

E-mail:stat@rubberboard.org.in

stat@rubberboard.org.in



ABOUT THE RUBBER BOARD

The Rubber Board is a statutory body constituted under the Rubber Act, 1947.

The functions of the Board as defined under the Act are: (1) 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 provision and improvement of amenities and incentives to workers and (g) carrying out any other duties which may be vested with the Board under 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 and (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.



From the Chairman

Collection of statistics is one of the basic objectives of the Rubber Board. Indian Rubber Statistics is a comprehensive annual publication based on the statistics collected by the Rubber Board. The Statistics & Planning Dept. of the Board has compiled this publication, which is the 26th in the series.

The statistics published in the volume have been collected not only from the Board's records but also from various other sources as indicated in the tables. The co-operation extended by producers, traders and processors of natural, synthetic and reclaimed rubber, rubber goods manufacturers and various organizations/Govt. Departments such as DGCI&S, ATMA, ACMA, CAPEXIL, etc. is gratefully acknowledged.

"Rubber Statistical News" is another publication (monthly) of the Board, which provides the latest statistics of production, consumption, import & export, stock, and the prices of natural rubber.

Valuable suggestions for improving this publication in quality and utility will be appreciated.

I wish to appreciate the good service rendered by the officers of the Statistics & Planning Department for the compilation and timely release of the publication.

Kottayam,
18/6/2003.

S.M. Desalphine, IAS.
Chairman

IN RETROSPECT

1. Area, Production and Productivity of Natural Rubber

The overall performance of the Indian rubber plantation industry was impressive during 2002-03. The area under rubber increased from 562,670 hectares during 2000-01 to 566,555 hectares during 2001-02. The estimated area for 2002-03 is 5.70 lakh hectares. During the last three years annual growth rates in area expansion was pegged at 0.7%, due to the persistent slackening in the planting front caused by low rubber prices prevailed since 1996. The production of natural rubber which was 630,405 tonnes in 2000-01 increased to 631,400 tonnes during 2001-02 and further to 649,435 tonnes during 2002-03 recording a growth of 2.9% as against 0.2% during 2001-02 and 1.3 percent during 2000-01. The estimate for 2003-04 is 685,000 tonnes. The increase in tapped area and yield per hectare has contributed to this appreciable progress in production and productivity. The productivity of rubber plantations in the country, which had remained stagnant at 1576 kg/ha during the last 3 years, has grown to 1592 kg/ha during 2002-03, mainly on account of the improved prices in the domestic and international markets. Better gains for the produce has prompted the small holders to resume productivity enhancement measures, which had been suspended during the period of low prices.

2. Consumption of Natural Rubber

The consumption of NR increased by 9.0% to 695,425 tonnes during 2002-03 as against 1% during 2001-02 and 0.5% during 2000-01. Analysis of consumption has shown that auto tyre sector is the giant consumer of NR sharing more than half of the total consumption. The performance of the sector during 2002-03 recorded 16% growth as against the negative growth of 0.4% in 2001-02 and 1.7% during 2000-01. The general rubber goods sector posted only a marginal progress of 2.6% over the last year.

3. Production and Consumption of Synthetic Rubber

The production of synthetic rubber (SR) in the country increased by 15.4% during 2002-03 as compared to 6.4% during 2001-02. The production 2002-03 was 80,401 tonnes as against 69,653 tonnes during 2001-02. The following table gives segregation of production during the last two years:

**Production of SR
(Tonnes)**

Grades	2001-02	2002-03	Growth %
SBR	16182	16512	2.0
BR	41994	50977	21.4
Others	11477	12912	12.5
Total	69653	80401	15.4

The rubber goods manufacturing industry in the country consumed 194,850 tonnes of SR during 2002-03, registering an increase of 11.6 percent over the previous year. The composition ratio of NR and SR in the elastomer consumption in the country is 78:22. Details of consumption of NR and SR during 2001-02 and 2002-03 are summarized in the following table.

Consumption of NR and SR (Tonnes)

	2001-02	2002-03	Growth(%)
Natural Rubber			
Auto tyres & tubes	304,425	353,032	16.0
Other goods	333,785	342,393	2.6
Total NR	638,210	695,425	9.0
Synthetic Rubber			
Auto tyres & tubes	95,277	107,483	12.8
Other goods	79,253	87,367	10.2
Total SR	174,530	194,850	11.6
NR & SR			
Auto tyres & tubes	399,702	460,515	15.2
Other goods	413,038	429,760	4.1
Total NR & SR	812,740	890,275	9.5

4. Price of Natural Rubber

The year 2002-03 witnessed significant improvement in the domestic price of natural rubber with the revival of the international market and demand growth in the domestic market. The increase in consumption of NR has reflected in the upward movement of prices. The annual average price of RSS 4 grade rubber in Kottayam market was Rs.3228 per 100 kg during 2001-02 and Rs.3919 during 2002-03. In Kuala Lumpur market the annual average price of the RSS3 grade rubber regarded as equivalent to Indian RSS 4 was Rs.2793 per 100 kg during 2001-02.

The monthly average price of RSS-4 grade in Kottayam market and the equivalent grade RSS-3 in International market from April 2002 onwards is furnished below

Monthly Average Market Price of NR
(Rs./100 kg)

Year	India (Price of RSS-4 in Kottayam market)	World (FOB price of RSS-3 in International market)
Average for the year 2001-02	3228	2793
April 2002	3389	3422
May 2002	3589	3426
June 2002	3979	4047
July 2002	3830	4058
August 2002	3732	4090
September 2002	3765	4329
October 2002	3667	3982
November 2002	3677	3936
December 2002	4196	3943
January 2003	4300	4330*
February 2003	4384	4716*
March 2003	4517	5046*
Average 2002-03	3919	3915**

**Average of April to December '02 only

* From January 2003 onwards reported Singapore price as Malaysia discontinued publishing the price of RSS2 to RSS 5 grades of Natural Rubber.

5. Import and Export of NR

With effect from April 2001 the Quantitative Restrictions (QRs) on natural rubber on import of natural rubber has been removed. Prior to that natural rubber included in the Negative List of restricted item of import. The Govt. of India banned import of NR against Advance Licence in February 1999 as a measure to help increase the consumption of domestic rubber and check the excess supply situation. However, the Hon'ble Supreme Court has upheld the judgment of the Hon'ble Mumbai Court quashing the DGFT's order banning the import of NR against Advance Licence. Despite, total import of NR during 2002-03 declined to 26,229 tonnes from 49,769 tonnes during 2001-02 mainly due to the unattractive price margin.

As regards export of NR the Govt. of India had approved a scheme for export promotion of NR in October 2001 by providing financial incentives to exporters of NR for quality improvement, certification, packaging and transportation. Because of the export promotion measures of the Government initiated through the Rubber Board the quantum of export during 2002-03 exceeded the target of 33000 tonnes. Total export during 2002-03 was 55,311 tonnes as against 6995 tonnes during 2001-02.

6. Global Scenario

The year 2002 was a much-improved year for the world rubber industry following its depressed state in 2001, with consumption rising in line with an economic recovery. World consumption of NR during 2002 increased by 4.4% to 73.90 lakh tonnes from 70.80 lakh tonnes in 2001. Based on the NR consumption for the year 2002, China with its share (17.7%) continued to be the largest consumer in the world, followed by USA (14.9%), Japan (10%) and India (9.2%). World SR consumption recorded 4% increase during the year from 103.00 lakh tonnes in 2001 to 107.20 lakh tonnes. The relative share of SR to NR in the total elastomer consumption of the world remained same at 59:41.

Despite the increase in demand, the world supply of natural rubber in 2002 decreased by 1% to 71.10 lakh tonnes from 71.90 lakh tonnes in 2001. About 81% of the world production of NR is contributed by the major producers of the world, Thailand, Indonesia, India, Malaysia and China and their relative shares are 34.6%, 22.9%, 9%, 8.3% and 6.6% respectively. Quite in contrast to NR production, world production of SR increased to 108.50 lakh tonnes in 2002 from 104.70 lakh tonnes in 2001. NR prices in the world increased during 2002 due to a host of favourable factors, viz., economic recovery, US dollar depreciation, demand/supply imbalance etc.

World consumption of NR is forecast to grow up at 6.5% in 2003 and 5.3% in 2004. North America is expected to be the leader on the growth track. The growth expected in world production of NR during 2003 is only marginal at 0.3%. But in 2004 there is the possibility of achieving a higher growth at 5.2%. According to predictions, production and consumption of SR will pick up during the next two years.

World rubber position
(000 tonnes)

Year	Production			Consumption		
	NR	SR	Total	NR	SR	Total
2000	6730	10870	17600	7340	10820	18160
2001	7190	10470	17660	7080	10300	17380
2002	7110	10850	17960	7390	10720	18110
2003	7159	11444	18603	7870	11395	19265

According to IRSG reports, Thailand and Indonesia, the two current members of ITRO, are planning at least in their medium term production policies, to further increase NR production through expansion of area and productivity to catch up the rising demand and prices for NR. The country Philippines also seems to point towards this objective.

Kottayam,
20.06.2003.

D. Indiradevi
Joint Director
Statistics & Planning Department

Year	1992	1993	1994	1995	1996	1997	1998
Production	10000	10500	11000	11500	12000	12500	13000
Consumption	10000	10500	11000	11500	12000	12500	13000
Balance	0	0	0	0	0	0	0
Imports	0	0	0	0	0	0	0
Exports	0	0	0	0	0	0	0

CONNOTATIONS

Holding	Unless the contrary is stated, the word means a rubber area contiguous or non-contiguous aggregating 20 ha or less under a single ownership.
Estate	Land contiguous or non-contiguous aggregating more than 20 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.
High Yielding area	Area planted with clonal seedlings and clones (budgrafts) approved by the Rubber Board. It may be stated that till 1970 TJIR-1 clonal planting materials was also included under high yielding varieties. From 1971 onwards this variety is not recommended for planting. So the area under high yielding variety in this publication includes area planted with TJIR-1 variety upto 1970.
Tappable area	Area which is estimated to be tappable.
Yield per hectare	Average yield per ha of tappable 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 of natural rubber and all consumers of natural rubber (manufacturers of rubber goods) 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 dry rubber content.
Upgraded rubber	Small holders, particularly those in the lower area group generally sell their smoked sheet rubber to dealers without grading and packing. This rubber consists of mostly RSS-3, 4 and 5 and offgrades. Grading and packing is done usually at the medium/big dealer's level.
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
I	Area under Rubber and Average Yield per hectare	
	1 Area Newplanted and Replanted with Rubber since 1957-58	1
	2 Statewise Area under Rubber at the end of each year	2
	3 Districtwise Area under Rubber	5
	4 Classification of Holdings and Estates according to Size	9
	5 Area under High Yielding and Unselected Materials	11
	6 Tappable area, Production and Average Yield per ha	12
II	Production, Import, Export, Consumption and Stock of Rubber	
	a) Natural Rubber	
	7 Monthwise Production of Natural Rubber	14
	8 Gradewise Production of Natural Rubber	15
	9 Production of Holdings and Estates	16
	10 Districtwise Production of Natural Rubber	17
	11 Monthwise Import of Natural Rubber	18
	12 Gradewise Import of Natural Rubber	19
	13 Gradewise Export of Natural Rubber	20
	14 Countrywise Export of Natural Rubber	21
	15 Monthwise Consumption of Natural Rubber	22
	16 Gradewise Consumption of Natural Rubber	23
	17 Stock of Natural Rubber	24
	b) Synthetic Rubber	
	18 Monthwise Production of Synthetic Rubber	27
	19 Gradewise Production of Synthetic Rubber	28
	20 Gradewise Consumption of Synthetic Rubber	29
	21 Stock of Synthetic Rubber	30
	c) Reclaimed Rubber	
	22 Production, Import, Consumption & Export of Reclaimed Rubber	31

d) Natural, Synthetic & Reclaimed Rubber

23 Production, Import, Export & Consumption of NR and SR	32
24 Total Stock of Natural and Synthetic Rubber	34
25 Production, Import, Consumption and Stock of NR	35
26 Production, Import, Consumption and Stock of SR	37
27 Statewise Consumption of All Kinds of Rubber	38
28 Value of Natural Rubber Imported	42
29 Value of Synthetic and Reclaimed Rubber Imported	43

III Price of Rubber

30 Price of Different Grades of Natural Rubber	44
31 Price of Indigenous Synthetic Rubber	48

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

32 Distribution of Manufacturers according to their Total Consumption	49
33 Number of Manufacturers in Different States	52
34 Production of Tyres	53
35 Production of Tubes	54
36 Production of Vehicles	55
37 Registered Motor Vehicles in India	56
38 Consumption of Rubber according to End Products	57
39 Value of Rubber Products Exported	60
40 Quantity and Value of Rubber Products Imported	61
41 Statewise Distribution of Dealers	66
42 Districtwise Distribution of Dealers in Kerala State	67
43 Classification of Dealers According to their Purchase	68
44 Average Daily Employment in Rubber Plantations	69
45 Collection of Excise Duty and Receipts of the Rubber Board	70
46 Schemewise Expenditure of the Rubber Board	71
47 Progress in Distribution of Planting Materials	73
48 Rubber Marketed by the Co-operative Societies	75
49 Index Numbers of Agricultural Production	76
50 Index Numbers of Productivity	77
51 Gross Domestic Product & Consumer Price Index	78
52 Index Numbers of Wholesale Prices of Selected Commodities	79

World Rubber Statistics

53 Area under Rubber in Main Producing Countries	80
54 Production of Natural Rubber in Main Producing Countries	81
55 Consumption of Natural Rubber in Main Consuming Countries	82
56 Countrywise Import of Natural Rubber	83
57 Countrywise Export of Natural Rubber	84
58 Production of Synthetic Rubber in Main Producing Countries	85
59 Consumption of Synthetic Rubber in Main Consuming Countries	86
60 Production, Consumption & Stock of Natural and Synthetic Rubber	87
61 Per Capita Consumption of Natural and Synthetic Rubber	88
62 World Price of Natural Rubber	89
63 Price of Different Grades of Natural Rubber in Malaysia	90

CHARTS AND DIAGRAMS

1 Area under Holdings and Estates
2 Average Yield per hectare
3 Gradewise Production of NR - 2002-03
4 Production of Holdings and Estates
5 Gradewise Consumption of NR - 2002-03
6 Production and Consumption of NR
7 Price of Indigenous RSS 4 grade Rubber
8 Number of Rubber Goods Manufacturers
9 Total Consumption of Rubber according to End Products - 2001-02
10 Value of Rubber Products Exported
11 Movement of Production Indices
12 Share of India in World Production of NR 2002
13 Share of India in World Consumption of NR 2002
14 World Consumption of NR and SR
15 Price of Natural Rubber in Indian and International Markets

TABLE - 1
AREA NEWPLANTED AND REPLANTED WITH RUBBER SINCE 1957-58
(Hectares)

Year	Newplanted	Replanted	Total	Year	Newplanted	Replanted	Total
1957-58	14278	1394	15672	1980-81	19308	5476	24784
1958-59	12605	1874	14479	1981-82	18100	4188	22288
1959-60	9963	1641	11604	1982-83	19884	4963	24847
1960-61	12104	1385	13489	1983-84	18805	5641	24446
1961-62	14485	2446	16931	1984-85	22365	5217	27582
1962-63	13222	2499	15721	1985-86	21222	5759	26981
1963-64	6551	2309	8860	1986-87	19856	5563	25419
1964-65	5800	2892	8692	1987-88	19535	6517	26052
1965-66	4749	4163	8912	1988-89	19471	6998	26469
1966-67	5886	4039	9925	1989-90	20175	6854	27029
1967-68	6614	2905	9519	1990-91	15143	7154	22297
1968-69	6079	1905	7984	1991-92	13851	7100	20951
1969-70	6709	1920	8629	1992-93	11000	7200	18200
1970-71	6855	2089	8944	1993-94	9200	6000	15200
1971-72	3044	1473	4517	1994-95	7500	7000	14500
1972-73	3775	1704	5479	1995-96	7800	7500	15300
1973-74	3975	1576	5551	1996-97	13000	7500	20500
1974-75	4310	2200	6510	1997-98	8800	6500	15300
1975-76	4561	3099	7660	1998-99	6100	5200	11300
1976-77	4882	3172	8054	1999-00	4200	4500	8700
1977-78	4770	3645	8415	2000-01	4000	4800	8800
1978-79	8450	4050	12500	2001-02	3000	5500	8500
1979-80	12300	4085	16385	2002-03p			

TABLE - 2

STATEWISE AREA UNDER RUBBER AT THE END OF EACH YEAR

(Hectares)

State	1950-51	55-56	60-61	65-66	70-71	71-72	72-73	73-74	74-75	75-76	76-77	77-78
Kerala	70365	80537	135809	174561	198424	200474	202761	205595	208430	211808	215797	219506
Tamil Nadu	3025	3917	6256	9283	11712	12077	12677	13108	13439	13776	14049	14345
Karnataka	1415	1503	1659	2633	6525	6767	7059	7470	8090	8585	8736	8790
Tripura							103	223	307	417	574	878
Assam							*	*	102	116	134	152
Meghalaya							*	*	106	141	191	291
A&N	110	110	181	236	537	663	740	768	787	810	850	900
Goa							125	153	191	223	262	338
Total	74915	86067	143905	186713	217198	219981	223465	227317	231452	235876	240593	245200
Annual growth rate	1.20	5.97	8.68	2.41	3.03	1.28	1.58	1.72	1.82	1.91	2.00	1.91

A&N : Andaman & Nicobar Islands

TABLE-2 (Contn)

State	1978-79	79-80	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88	88-89	89-90	90-91
Kerala	226239	236324	253784	269621	287334	303774	323303	341508	356421	370079	383562	398467	407821
Tamil Nadu	14585	15260	15513	15740	16020	16240	16450	16567	16765	16917	17037	17100	17150
Karnataka	8815	8861	9004	9227	9502	9973	10710	11392	11913	12353	12809	13200	13895
Tripura	1306	1989	2746	3590	4578	5338	6545	7742	10085	12670	14326	16620	17320
Assam	283	419	568	789	840	929	1053	1242	1968	3178	5144	8350	9380
Meghalaya	628	778	923	1033	1108	1190	1266	1410	1831	2509	3229	3350	3466
Nagaland						105	205	355	525	675	910	1110	1300
Mizoram				170	276	420	470	570	620	690	810	900	950
Manipur	100	216	216	291	331	331	335	355	440	515	665	895	1203
A&N	900	900	900	900	902	908	912	919	930	943	948	950	960
Goa	423	464	512	563	604	640	711	773	831	851	861	923	970
Orissa													
Maharashtra													
Arunachal Pradesh													
Andhra Pradesh													
Total	253279	265211	284166	301924	321495	339848	361960	382631	402329	421512	440584	460341	475083
Annual growth rate	3.29	4.71	7.15	6.25	6.48	5.71	6.51	5.77	5.09	4.77	4.52	4.48	3.20

TABLE - 2 (Contn.)

State	1991-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00	2000-01	2001-02*
Kerala	419174	428864	437138	443300	449000	455586	465282	469824	472900	474365	475039
Tamil Nadu	17210	17260	17300	17430	17948	18209	18470	18631	18659	18710	18704
Karnataka	14386	14650	14850	14955	16307	17324	18475	19323	19565	19735	20017
Tripura	17860	18250	18670	19252	20761	21982	22562	24120	25380	26495	27947
Assam	9740	9885	10006	10122	9943	10243	10060	10805	11644	12117	12806
Meghalaya	4058	4350	4521	4350	4105	4345	3757	3958	3683	4029	4354
Nagaland	1371	1370	1400	1450	1523	980	1287	1416	1615	1791	2024
Mizoram	960	960	972	979	913	934	628	671	543	585	619
Manipur	1215	1215	1220	1253	1400	1214	1308	1401	1610	1588	1698
A&N	964	970	969	960	954	976	989	931	931	931	960
Goa	978	988	935	936	828	922	924	939	839	872	843
Orissa	270	270	289	219	242	277	149	358	408	493	517
Maharashtra	150	154	150	91	101	143	305	163	180	189	165
Arunachal Pradesh	*	*	*	50	*	62	128	161	244	280	323
West Bengal	178	178	*	*	*	75	115	158	285	388	430
Andhra Pradesh	488514	499374	508420	515547	524075	533246	544534	553041	558584	562670	566555
Total	2.82	2.22	1.81	1.40	1.65	1.75	2.12	1.56	1.00	0.73	0.69
Annual growth rate											

* : Upto 1993-94 total area less than 100 hectares omitted, thereafter less than 50 hectares omitted.

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

District/State/ Union Territory	1960-61			1965-66			1970-71		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1.Thiruvananthapuram	3657	1097	4754	4974	1310	6284	6223	1414	7637
2.Kollam	13335	9888	23223	17347	12152	29499	21116	12338	33454
3.Alappuzha	2195	115	2310	3082	60	3142	3802	60	3862
4.Kottayam	35676	9818	45494	43566	10490	54056	49313	9874	59187
5.Ernakulam	13495	4568	18063	18648	6255	24903	21807	6260	28067
6.Thrissur	1337	5369	6706	2842	5986	8828	3236	5847	9083
7.Palakkad	2471	3640	6111	4441	4810	9251	3237	1906	5143
8.Malappuram	8417	10325	18742	12292	11620	23912	9830	7573	17503
9.Kozhikode	7593	2603	10196	11483	3303	14786	9283	7113	16396
10.Kannur	88366	47443	135809	118675	55886	174561	142611	55813	198424
11.Kanyakumari	1736	3878	5614	4036	4605	8641	5117	5922	11039
12.Madurai	11	142	153	10	143	153	10	143	153
13.Nilgiris	84	161	245	84	161	245	86	161	247
14.Coimbatore	221	221	442	221	221	442	221	221	442
15.Salem	23	23	46	23	23	46	23	23	46
16.Tirunelveli	1854	4402	6256	4153	5130	9283	5265	6447	11712
TAMIL NADU	155	1504	1659	182	2451	2633	1924	4601	6525
KARNATAKA	181	181	362	236	236	472	236	537	773
A & N ISLANDS	90375	53530	143905	123010	63703	186713	149800	67398	217198
Grand Total	82.80	37.20	100.00	65.88	34.12	100.00	68.97	31.03	100.00
Percentage share									

TABLE - 3 (Contn.)

District/ State/ Union Territory	1975-76			1980-81			1985-86		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	6834	1116	8050	9208	971	10179	17089	964	18053
2. Kollam	21873	12439	34312	28533	12548	41081	18295	9596	27891
3. Pathanamthitta							30343	6480	36823
4. Alappuzha	3854	60	3914	4222	51	4273	3236	3236	3236
5. Kottayam	50174	5956	56130	61880	5046	66926	79663	4846	84509
6. Idukki	10691	5194	15885	15084	4813	19897	26346	4737	31083
7. Ernakulam	17316	3753	21069	23543	3312	26855	35604	3175	38779
8. Thrissur	3719	5401	9120	4392	5390	9782	5482	4811	10393
9. Palakkad	6345	2339	8684	9941	2038	11979	14497	1922	16419
10. Malappuram	11416	5952	17368	14491	4833	19324	17631	3770	21401
11. Kozhikode	10851	6305	17156	13508	5683	19171	10460	4504	14964
12. Wynad							4613	169	4782
13. Kannur	16632	3488	20120	21254	3063	24317	17170	1511	18681
14. Kasargod							13418	1074	14492
15. KERALA	159805	52003	211808	206056	47728	253784	293847	47659	341506
15. Kanyakumari	6671	6428	13099	8658	8232	15090	8867	7265	16132
Others	153	524	677	120	303	423	132	303	435
TAMIL NADU	6824	6952	13776	6978	8535	15513	8999	7968	16567
KARNATAKA	2021	6564	8585	2188	6816	9004	4774	6618	11392
A & N ISLANDS		810	810	22	878	900	24	895	919
TRIPURA	28	389	417	159	2587	2746	1955	5787	7742
ASSAM		116	116		568	568	200	1042	1242
MEGHALAYA		141	141		923	923	25	1385	1410
NAGALAND							60	295	355
MIZORAM							100	470	570
MANIPUR							225	355	579
GOA	9	214	223	40	216	216	225	548	773
Grand Total	168687	67189	235876	215443	68723	284166	310209	72622	382831
Percentage share	71.52	28.48	100.00	75.82	24.18	100.00	81.03	18.97	100.00

TABLE - 3 (Contn.)

District/ State/ Union Territory	1990-91			1995-96			1998-99		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	21213	943	22156	25077	918	25995	26585	887	27472
2. Kollam	22957	9481	32438	28091	9256	35347	27026	9249	36275
3. Pathanamthitta	36611	6261	42872	41095	5968	47063	41421	6149	47570
4. Alappuzha	3350		3350	3573		3573	3722		3722
5. Kottayam	99205	4683	103888	105057	4515	109572	108182	4366	112548
6. Kuttan	31166	4379	35545	32485	5225	37710	37240	4360	41600
7. Ernakulam	47991	3172	51163	52547	4250	56797	53340	2903	56243
8. Thrissur	17916	1173	19089	19389	4350	19824	18982	4308	19413
9. Malappuram	19707	1097	20804	24839	1092	25931	27459	1091	13290
10. Madurai	18745	3675	22420	23271	3034	26305	25751	2793	28544
11. Kozhikode	12255	4395	16650	13415	3934	17349	13938	3906	17844
12. Wynad	4887	48	5035	5240	62	5302	6279	58	6337
13. Kannur	21371	1509	22880	27175	1245	28420	32301	1253	33554
14. Kasargod	16164	986	17150	18469	823	19292	21264	699	21963
15. KERALA	362240	45581	407821	406642	42358	449000	428002	41922	469924
Others	9444	7276	16720	10636	6927	17563	11738	6465	18203
TAMIL NADU	9696	7454	17150	10908	7040	17948	315	113	428
KARNATAKA	7270	6725	13995	9713	6594	16307	12553	6573	19126
A & N ISLANDS	64	886	950	103	103	207	133	133	266
GOA	8142	9228	17370	11242	9519	20761	15566	8534	24100
ASSAM	7154	2226	9380	7697	2338	10035	9144	1661	10805
MEGHALAYA	1018	2448	3466	1087	3018	4105	1789	2169	3958
NAGALAND	520	780	1300	662	861	1523	1279	138	1416
MIZORAM	113	837	950	378	535	913	460	211	671
MANIPUR	425	778	1203	682	718	1400	974	104	1078
GOA	422	548	970	236	525	761	407	532	939
MAHARASHTRA	176	107	283	176	145	321	104	59	163
ARUNACHAL PRADESH	166	80	245	118	124	242	280	78	358
WEST BENGAL				13	37	50	124	37	161
ANDHRA PRADESH				*		*	150		150
Grand Total	397465	77618	475083	448499	74576	523075	483701	69240	552941
Percentage share	83.66	16.34	100.00	85.77	14.23	100.00	87.46	12.54	100.00

* - Statewise total area less than 50 ha. omitted.

TABLE - 3 (Contn.)

District/State/ Union Territory	1995-00			2000-01			2001-02p		
	Holdings	Estates	Total	Holdings	Estates	Total	Holdings	Estates	Total
1. Thiruvananthapuram	27087	887	27954	27450	787	28197	27530	766	28296
2. Kollam	27211	9241	36452	27453	9318	36771	27528	9335	36863
3. Pathanamthitta	41562	6138	47700	41734	6135	47869	41755	6107	47862
4. Alappuzha	3747	0	3747	3801	0	3801	3818	31	3849
5. Kottayam	105589	4334	110923	106924	4272	111196	107064	4237	111301
6. Idukki	33940	4247	38187	34051	4025	38076	34129	3984	38123
7. Ernakulam	53615	2768	56383	53873	2771	56644	53981	2729	56710
8. Thrissur	9074	4298	13372	9138	4235	13373	9153	4249	13402
9. Palakkad	27690	1091	28781	27871	1082	28953	27944	1041	28995
10. Malappuram	28150	2770	28920	28422	2787	29209	28537	2726	29263
11. Kozhikode	14063	3853	18016	14103	3887	17990	14128	3447	17575
12. Wynad	6387	24	6411	6408	24	6430	6426	24	6450
13. Kannur	32569	1237	33806	32688	1256	33944	32756	1256	34012
14. Kasargod	21549	699	22248	21665	567	22232	21708	640	22348
15. KERALA	431213	41687	472900	433559	40006	474365	434457	40582	475039
Others	323	98	421	320	98	418	309	98	407
TAMIL NADU	12139	6520	18659	12273	6437	18710	12262	6442	18704
KARNATAKA	13576	5989	19565	13956	5779	19735	14052	5995	20017
A & N ISLANDS	86	845	931	86	845	931	115	845	960
TRIPURA	16846	8534	25380	17956	8539	26495	19122	8825	27947
ASSAM	9983	1681	11664	10468	1549	12117	11133	1673	12806
MEGHALAYA	1946	1737	3683	2185	1844	4029	2510	1844	4354
NAGALAND	1477	138	1615	1653	138	1791	1833	191	2024
MIZORAM	478	65	543	520	65	585	566	53	619
MANIPUR	1133	477	1610	1111	477	1588	1221	477	1698
GOA	411	428	839	431	441	872	432	411	843
MAHARASHTRA	122	58	180	131	58	189	107	58	165
ORISSA	314	94	408	399	94	493	429	88	517
ARUNACHAL PRADESH	207	37	244	243	37	280	286	37	323
WEST BENGAL	248	37	285	285	103	388	327	103	430
ANDHRA PRADESH	98	98	196	102	103	205	109	103	212
Grand Total	490277	68307	558584	493538	67312	560670	496961	67594	566555
Percentage share	87.77	12.23	100.00	88.04	11.96	100.00	88.07	11.93	100.00

Chart 1
AREA UNDER HOLDINGS AND ESTATES

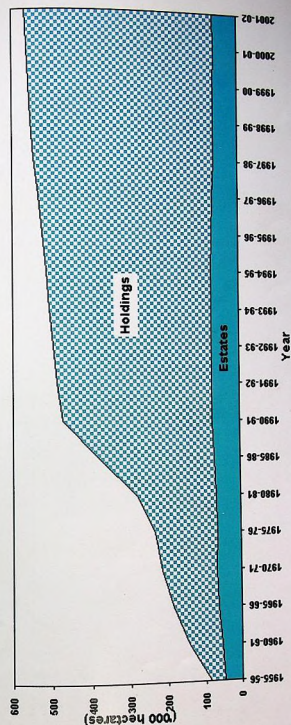




TABLE - 4

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

HOLDINGS

Year	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
1955-56	26164	20489	1948	5699	1475	12300	29587	38488
1960-61	67836	52340	4660	13981	2878	24054	75374	90375
1965-66	96477	72433	6175	18051	3852	32526	106504	123010
1970-71	114924	82570	9922	25853	5593	41377	130439	149800
1975-76	132957	92386	11386	29235	6408	47066	150749	168687
1980-81	218155	139809	11924	30140	6389	45494	236468	215443
1985-86	394984	238158	11152	28071	6075	43980	412211	310209
1990-91	763022	332401	13100	33149	4465	31915	780587	397465
1991-92	797429	342010	13556	35569	4562	33044	815547	410623
1992-93	824288	351571	13627	36450	4575	33136	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	474680
1998-99	948553	402336	17317	44515	5108	36850	970978	483701
1999-00	963613	407801	17627	45031	5249	37645	986469	490277
2000-01	968658	412574	17647	45088	5257	37696	991660	485356
2001-02p	974200	414146	18141	45803	5530	38012	997871	489951

TABLE - 4 (Contn.)

ESTATES

Year	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 & upto 800 ha		Above 800 ha		Total	
	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area	Units	Area
1955-56	209	6781	179	15047	33	9578	15	7513	4	2762	6	5898	446	47579
1960-61	271	7590	216	17812	29	8082	18	8768	5	3437	8	7841	547	53530
1965-66	325	9556	248	20476	30	8551	19	9400	4	2696	10	13024	636	63703
1970-71	309	8771	273	21318	29	8219	20	9966	6	4036	12	15088	649	67398
1975-76	289	8235	242	19332	27	7366	17	8100	9	6138	14	18018	598	67189
1980-81	258	7289	228	18659	25	7481	15	8208	10	6885	17	20201	553	68723
1985-86	137	4320	171	14408	24	7305	18	9046	14	9294	20	28249	384	72622
1990-91	120	3407	130	11348	22	6262	22	11051	17	11415	21	34135	332	77618
1991-92	123	3478	130	11533	22	6217	21	10622	17	11423	21	34618	334	77891
1992-93	126	3543	132	11555	22	6285	21	10649	17	11504	21	34679	339	78215
1993-94	129	3628	132	11406	22	6280	21	10679	17	11406	21	34928	342	78327
1994-95	130	3659	132	11377	22	6266	21	10638	17	11230	21	34858	343	78028
1995-96	114	3286	134	12291	25	7589	19	9835	15	10116	19	31459	326	74576
1996-97	112	3214	134	12262	25	7610	20	10303	13	8682	19	31738	323	73809
1997-98	111	3165	136	11732	23	6821	22	11386	11	7328	19	29212	322	69654
1998-99	111	3171	136	11743	23	7059	21	10775	11	7313	19	29279	321	69340
1999-00	111	3188	137	11680	23	7159	20	10301	11	7284	19	28695	321	68307
2000-01	108	3118	135	11591	24	7487	21	10720	9	5987	19	28509	316	67312
2001-02p	98	2917	136	11547	24	7548	21	10721	9	5872	19	28989	307	67594

TABLE - 5

AREA UNDER HIGH YIELDING AND UNSELECTED MATERIALS

(Hectares)

Year	HOLDINGS			ESTATES			TOTAL		
	High yielding	Unselected	Total	High yielding	Unselected	Total	High yielding	Unselected	Total
1955-56	2844	35644	38488	14874	32705	47579	17718	68349	86067
1960-61	26912	63463	90375	23811	29719	53530	50723	93182	143905
1965-66	53048	69962	123010	39534	24169	63703	92582	94131	186713
1970-71	83030	66770	149800	55397	12001	67398	138427	78771	217198
1975-76	107326	61361	168687	64978	2211	67189	172304	63572	235876
1980-81	166999	45744	215443	88110	613	88723	237809	46357	284166
1985-86	270835	39374	310209	72072	550	72622	342907	39924	382831
1990-91	385315	32150	397465	77228	390	77618	442543	32540	475083
1991-92	379036	31587	410623	77519	372	77891	456555	31959	488514
1992-93	390648	30511	421159	77858	357	78215	468506	30868	493374
1993-94	402705	27388	430093	77987	340	78327	480692	27728	508420
1994-95	412876	24643	437519	77689	339	78028	490565	24982	515547
1995-96	427235	22284	449499	74260	316	74576	501495	22580	524075
1996-97	439224	20213	459437	73522	287	73809	512746	20500	533246
1997-98	456835	18045	474880	68398	256	68654	526233	18301	544534
1998-99	468105	15596	483701	69084	256	69340	537189	15652	553041
1999-00	476289	13988	490277	68080	227	68307	544369	14215	558584
2000-01	486045	9313	495358	67118	194	67312	553163	9507	562670
2001-02p	491080	7881	498961	67437	157	67594	558517	8038	566555

TABLE - 6

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	Yield
1960-61	65355	23175	354	3305	2040	617	1483	452	305	110	30	272	70253	25697	366
1961-62	69269	24954	360	3421	2060	602	1501	402	268	110	30	272	74301	27446	369
1962-63	78516	29057	370	3601	2695	691	1527	447	293	110	40	364	84054	32239	384
1963-64	89529	33792	377	4319	3176	735	1487	468	315	171	51	298	95506	37487	393
1964-65	102125	41391	405	4678	3724	796	1407	481	342	171	20	117	108381	45616	420
1965-66	106623	46953	440	4721	3195	677	1365	382	280	..	..	..	112709	50530	448
1966-67	107298	50495	471	4812	3927	816	1390	396	285	..	..	..	113500	54818	483
1967-68	111400	59978	538	4908	4048	825	1385	434	310	24	8	333	117727	64468	548
1968-69	116935	68473	588	4958	4100	827	1385	470	344	24	11	458	123282	71054	576
1969-70	126358	76897	609	5339	4526	848	1386	516	372	24	14	583	133107	81953	616
1970-71	134103	86773	647	5673	4859	857	1374	519	378	26	20	769	141176	92171	653
1971-72	142000	95499	673	5943	5140	865	1336	550	412	28	21	750	149307	101210	678
1972-73	146957	105334	721	6490	5739	884	1465	659	450	50	32	640	154962	112364	725
1973-74	156384	117231	750	7460	7036	943	1710	856	501	50	40	800	165604	125153	756
1974-75	160956	121558	755	7982	7523	942	1861	1012	544	80	50	625	170879	130143	762
1975-76	167742	128769	768	8257	7631	924	2392	1282	536	89	68	764	178480	137750	772
1976-77	173737	139349	802	8852	8535	953	2715	1667	614	190	81	426	185594	149632	806
1977-78	177890	153907	864	8990	9015	1003	3910	1959	501	216	106	491	191006	146987	770
1978-79	177085	123677	698	8952	9367	1046	3893	2100	539	400	153	383	190330	135297	711
1979-80	178690	136609	764	9195	9108	990	4012	2537	632	457	216	473	192554	148470	771

Chart 2
AVERAGE YIELD PER HECTARE

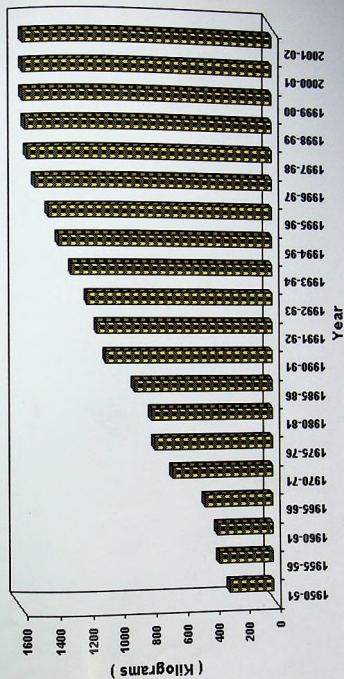




TABLE - 6 (Contn.)

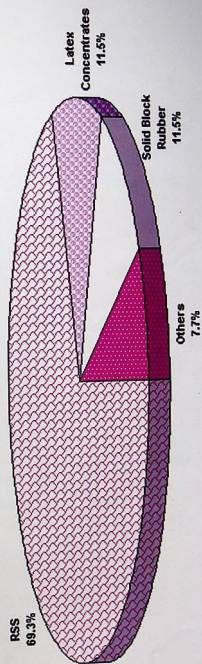
Year	KERALA			TAMIL NADU			KARNATAKA			OTHERS			TOTAL		
	Tapped area	Produ- ction	Yield	Tapped area	Produ- ction	Yield	Tapped area	Produ- ction	Yield	Tapped area	Produ- ction	Yield	Tapped area	Produ- ction	Yield
1990-91	179980	140320	780	9700	10446	1077	4004	2128	531	561	206	367	194245	153100	788
1991-92	181180	139435	770	9912	10510	1060	4344	2806	600	775	319	412	196211	152870	779
1992-93	184340	152682	828	10035	9700	967	4360	3070	704	977	418	428	199712	165850	830
1993-94	187720	162212	864	10600	9738	918	5200	2785	536	1000	547	547	204520	175280	857
1994-95	193230	172092	890	10700	10603	991	5365	3095	577	1164	660	567	210519	186450	886
1995-96	205780	184563	897	10560	11025	1044	5610	4090	729	1397	787	563	223347	200465	898
1996-97	218750	202129	924	10970	11755	1071	5935	4855	818	1409	781	554	237064	219520	926
1997-98	229940	216562	942	11549	12470	1080	6120	5253	858	1409	912	612	249100	235197	944
1998-99	246660	238414	967	11600	13370	1153	6281	6222	991	1562	1166	746	266103	259172	974
1999-00	268714	275397	1025	11835	14065	1188	6500	6475	956	2011	1363	678	289060	297300	1029
1990-91	294960	307521	1079	11873	13845	1149	6957	6665	958	2623	1784	680	306413	329615	1076
1991-92	301360	343109	1139	12160	13975	1147	7370	7396	985	3630	2401	661	324540	366745	1130
1992-93	306539	368648	1203	12110	14250	1177	7772	7910	1005	3979	2682	674	330500	393490	1191
1993-94	313416	408311	1304	12215	14720	1205	8413	8626	1026	4509	3503	777	338550	435160	1285
1994-95	318965	442830	1389	12550	15065	1200	9175	9700	1057	5580	4220	756	346270	471815	1362
1995-96	328812	474555	1443	12420	17335	1396	9530	10275	1078	5862	4745	835	356444	506910	1422
1996-97	335400	512756	1529	12730	18505	1454	9760	11160	1143	7690	7004	911	365560	549425	1503
1997-98	342420	541935	1563	13000	19175	1475	10365	12150	1172	11185	10570	945	376970	593630	1549
1998-99	349683	559099	1599	13215	20263	1533	10685	12549	1174	13517	13134	972	387100	605045	1563
1999-00	355342	572860	1612	13377	21134	1580	10980	13115	1194	15101	15196	1006	394600	622265	1581
2000-01	359780	579966	1611	13651	21611	1583	11043	13368	1211	15427	15560	1009	399901	631435	1576
2001-02p	360006	580350	1612	13677	21631	1582	11110	13465	1212	15920	15954	1002	400713	631400	1576

TABLE - 7

MONTHWISE PRODUCTION OF NATURAL RUBBER (Tonnes)

Month	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
April	23590	25245	26520	30870	31880	35300	38315	41080	41735	43355	44105	40035	39800
May	20570	30710	31630	34845	39275	37210	44890	47460	47640	37685	47345	43350	42410
June	18310	20310	22880	25300	26560	29660	36140	40180	41220	38990	40400	39175	43635
July	20520	20650	23835	26295	27610	32540	35810	36990	38580	40220	42750	43490	45835
August	25260	28240	26815	35150	36210	39475	40545	43440	46790	50870	45320	51485	51475
September	34850	39470	34980	46450	46930	48260	51360	55980	48470	58250	56550	56450	58480
October	37965	39940	39695	41360	52660	53040	55110	59320	57130	60555	64825	62450	63215
November	37885	41635	45100	47475	53330	58815	63150	69255	71065	76225	72090	75525	75410
December	39840	43235	54240	52490	54650	62660	64820	71420	75750	77430	76850	79410	80495
January	35650	39690	44805	47750	51210	55990	60125	64785	69710	70365	70550	73030	75525
February	16285	17680	20550	22090	23790	25085	27590	28260	31560	32190	32515	31855	35050
March	18910	20740	22440	25085	27710	28875	31570	29660	35395	36150	37105	35145	38105
Total	329615	366745	393490	435160	471815	506910	549425	583830	605045	622265	630405	631400	649435
Annual growth rate	10.87	11.26	7.29	10.59	8.42	7.44	8.39	6.26	3.63	2.85	1.31	0.16	2.86

Chart 3
GRADEWISE PRODUCTION OF NR - 2002-03



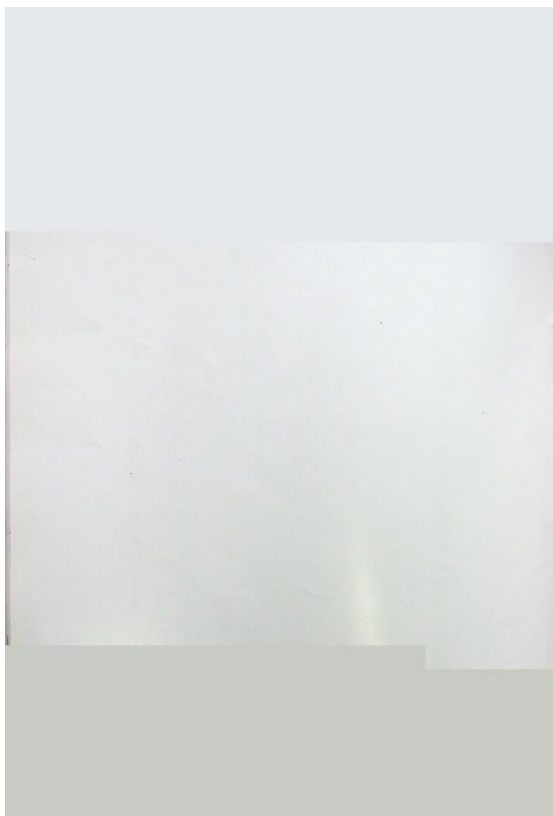


TABLE - 8

GRADEWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

Grade	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
RSS	236530	263220	281335	315535	342775	373455	396160	436560	438275	454180	455175	453465	450215
Latex Concentrates(drc)	39440	43425	46245	48810	52655	59695	61550	55400	64565	60640	65975	62990	74325
Solid Block Rubber	16980	25870	27107	31240	40390	41110	51960	49910	59715	60095	60225	65650	74940
Pale Latex Crepes	2725	2900	2608	2985	2790	2310	1565	1315	1990	1845	1975	1645	1750
Others	33940	31330	36195	36590	33205	30340	38190	40645	42510	45505	47055	47650	48205
Total	329615	366745	393490	435160	471815	506910	549425	563630	605045	622265	630405	631400	649435

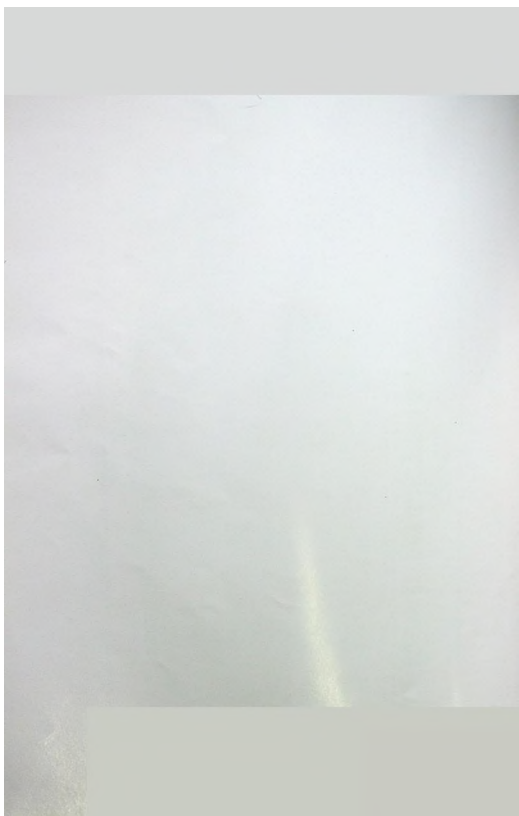


TABLE - 8

GRADEWISE PRODUCTION OF NATURAL RUBBER (Tonnes)

Grade	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
RSS	236530	263220	281335	315535	342775	373455	396160	436560	438275	454180	455175	453465	450215
Latex Concentrates(drc)	39440	43425	46245	48810	52655	59695	61550	55400	64565	60640	65975	62990	74325
Solid Block Rubber	16980	25870	27107	31240	40390	41110	51960	49910	59715	60095	60225	65650	74940
Pale Latex Crepes	2725	2900	2608	2985	2790	2310	1565	1315	1980	1845	1975	1645	1750
Others	33940	31330	36195	36590	33205	30340	38180	40645	42510	45505	47055	47650	48205
Total	329615	366745	393490	435160	471815	506910	549425	583630	605045	622265	630405	631400	649435

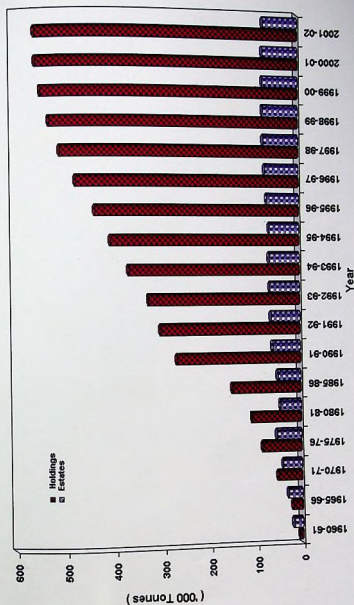
TABLE - 9

PRODUCTION OF HOLDINGS AND ESTATES

(Tonnes)

Year	Holdings	Estates	Total	Year	Holdings	Estates	Total
1950-51	3387	12443	15830	1984-85	136335	50115	186450
1955-56	6450	17280	23730	1985-86	149673	50792	200465
1960-61	6528	19169	25697	1986-87	168195	51325	219520
1965-66	20424	30106	50530	1987-88	181710	53487	235197
1970-71	51638	40633	92171	1988-89	204000	55172	259172
1971-72	57630	43580	101210	1989-90	239400	57900	297300
1972-73	66247	46117	112364	1990-91	268500	61115	329615
1973-74	75331	49822	125153	1991-92	302700	64045	366745
1974-75	79260	50883	130143	1992-93	327500	65990	393490
1975-76	84616	53134	137750	1993-94	367950	67210	435160
1976-77	93848	55784	149632	1994-95	405900	65915	471815
1977-78	94135	52852	146987	1995-96	436500	70410	506910
1978-79	88767	46530	135297	1996-97	475000	74425	549425
1979-80	103210	45260	148470	1997-98	507000	78830	585830
1980-81	107700	45400	153100	1998-99	527000	78045	605045
1981-82	109160	43710	152870	1999-00	544600	77665	622265
1982-83	117789	48061	165850	2000-01	553770	76635	630405
1983-84	125912	49368	175280	2001-02p	555320	76080	631400

Chart 4
PRODUCTION OF HOLDINGS AND ESTATES



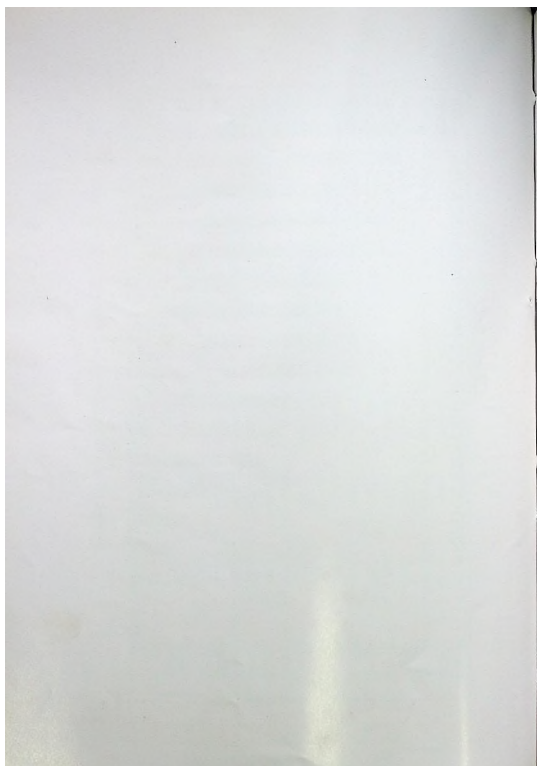


TABLE - 10

DISTRICTWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

District/State	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1997-98	1998-99	1999-00	2000-01	2001-02p
Thiruvananthapuram	3581	5223	5933	8475	15513	27298	30717	31309	32913	33318	33586
Kollam	16141	24185	25561	19807	26951	38821	43130	44405	45727	46289	46854
Pathanamthitta	--	--	--	16245	34264	52974	59131	60711	61864	62423	62502
Alappuzha	1713	2409	2771	2722	2140	3135	3706	3868	3854	4003	4114
Kottayam	26907	34021	36132	50134	82852	120946	135125	137820	139550	141266	140543
Idukki	--	10187	11140	15611	26638	38356	43380	44005	44853	45405	45280
Ernakulam	11907	12292	13829	18419	37596	62159	69967	71593	72663	73557	73219
Thrissur	5700	7190	6739	6079	9108	15513	18361	18775	19431	19670	19762
Palakkad	1466	3816	4516	7150	12531	22571	28076	30150	31235	31619	31759
Malappuram	6451	9132	10571	11419	14855	24430	29907	31740	32606	33007	32904
Kozhikode	7656	10076	10730	8802	12769	19490	21559	21833	22593	22871	22884
Wynad	--	--	--	1635	2357	3015	3561	3828	3907	3955	4038
Kannur	5251	10238	12298	8841	16908	26676	33646	36164	37992	38459	38800
Kasaragod	--	--	--	7424	13149	18971	21669	22898	23732	24024	24125
Kerala	86773	128769	140320	184563	307521	474555	541935	559099	572820	579866	580350
Outside Kerala	5398	8981	12780	15902	22094	32355	41895	45946	49445	50539	51050
Grand Total	92171	137750	153100	200465	329615	506910	583830	605045	622285	630405	631400

Note : Wynad District was formed in November 1980 from Kozhikode & Kannur Districts; Pathanamthitta District in November 1982 from Kollam & Alappuzha Districts and Kasargode District in May 1984 from Kannur District.



TABLE - 10

DISTRICTWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

District/State	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1997-98	1998-99	1999-00	2000-01	2001-02*
Thiruvananthapuram	3581	5223	5933	8475	15513	27288	30717	31309	32913	33318	33586
Kollam	16141	24185	25561	19807	26951	39821	43130	44405	45727	46289	46854
Pathanamthitta	--	--	--	16245	34264	52974	59131	60711	61664	62423	62502
Alappuzha	1713	2409	2771	2722	2140	3135	3706	3868	3854	4003	4114
Kottayam	26907	34021	36132	50134	82852	120946	135125	137820	139550	141266	140543
Idukki	--	10187	11140	15611	26638	38356	43380	44005	44853	45405	45260
Ernakulam	11907	12292	13929	19419	37586	62159	69967	71593	72663	73557	73219
Thrissur	5700	7190	6739	6079	9108	15513	18361	18775	19431	19670	19762
Palakkad	1466	3816	4516	7150	12531	22571	28076	30150	31235	31619	31759
Malappuram	6451	9132	10571	11419	14855	24430	29907	31740	32606	33007	32904
Kozhikode	7656	10076	10730	8602	12769	19490	21559	21833	22593	22871	22884
Wynad	--	--	--	1635	2357	3015	3561	3828	3907	3955	4038
Kannur	5251	10238	12298	9841	16908	26876	33646	36164	37992	38459	38900
Kasarode	--	--	--	7424	13149	18971	21669	22898	23732	24024	24125
Kerala	86773	128769	140320	184563	307521	474555	541935	559099	572620	579866	580350
Outside Kerala	5398	8981	12780	15902	22094	32355	41895	45946	49445	50539	51050
Grand Total	92171	137750	153100	200465	329615	506910	583830	605045	622265	630405	631400

Note : Wynad District was formed in November 1980 from Kozhikode & Kannur Districts; Pathanamthitta District in November 1982 from Kollam & Alappuzha Districts and Kasargode District in May 1984 from Kannur District.

TABLE - II

MONTHWISE IMPORT OF NATURAL RUBBER

(Tonnes)

Month	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
April	10614	2953	1597	1548	762	940	1021	2347	2959	1751	255	162	2015
May	7759	1195	791	2894	723	820	1619	1737	1085	889	708	843	1242
June	8096	2153	3240	1122	84	3290	1584	3518	905	1284	1367	1299	936
July	2598	827	2738	2868	691	12301	3156	3378	3493	2125	1939	3064	2096
August	4718	1543	740	3031	914	16854	1531	2518	3942	4573	567	7432	5067
September	5977	1347	3798	1655	1460	5658	1057	2190	4712	2206	968	8766	687
October	1794	472	1321	1105	1196	1754	876	2115	1807	1843	918	3938	818
November	1143	937	695	756	33	6562	727	1368	1376	1560	749	5398	317
December	2013	583	469	946	248	231	1927	3168	1813	724	278	6441	161
January	1281	604	516	392	806	810	1573	2741	4573	580	334	8230	3167
February	1132	780	996	360	405	1443	1819	3457	1587	1728	232	3900	6114
March*	1888	1676	983	3263	771	1172	2880	3533	1282	930	655	2296	3589
Total	49013	15070	17884	19940	8093	51635	19170	32070	29534	20213	8870	49769	26229

*: Including year end adjustment.

TABLE - 12

GRADEWISE IMPORT OF NATURAL RUBBER

(Tonnes)

Grade	1980-81	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
RSS 1	304	306	129	--	144	334	109	802	302	321	135	247	39
RSS 2	--	--	155	65	--	81	20	--	--	--	--	19	--
RSS 3	37407	10213	13395	14547	5248	26985	9080	10238	10903	6751	1726	23437	11538
RSS 4	184	1186	1328	382	--	6787	1885	5878	4913	2192	818	3677	138
RSS 5	--	--	--	--	--	1287	2598	1160	1139	1879	409	23	40
Latex	718	1397	626	2274	769	683	863	4331	3583	2849	3075	2515	1243
Block Rubber	9827	1695	1986	2383	1932	15061	4977	9463	8476	6012	2647	19516	12763
Pale Latex	279	271	265	289	--	417	211	198	218	209	160	287	378
Crepe	--	--	--	--	--	--	--	--	--	--	--	--	--
Others	294	--	--	--	--	--	27	--	--	--	--	38	90
Total	49013	15070	17684	19940	8093	51635	19770	32070	29534	20213	8970	49769	26229

TABLE - 13

GRADEWISE EXPORT OF NATURAL RUBBER

(Tonnes)

Grade	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
RSS 1/1X	..	14	58	..	110	9	17	27	3	27	..
RSS 2	..	18	221	36	..	18	..	..	..	..	..
RSS 3	..	13	226	305	36	84	220	158	267	444	43688
RSS 4	108	105	27	45	95	5037	12308	4675	..
RSS 5	5988	..	23	117	164	243	198	60	27	1053	..
ISNR 5	18	..	..	1	..	248	..
ISNR 10	..	100	108	319	302	320	200	131	72	34	4637
ISNR 20	..	40	1077	248	922	625	1070	525	612	432	..
ISNR 3C	94	..	..	..	..	..	..	..	..
EBC 1X	10	..	..	..	..	..	..	..	..
EBC 2X	2	..	..	1	..	..	..
EBC 3X	3	..	..	..	..	..	..	..	..
PLC 1X	2	..	..
Latex (60% drc)	11	1	33	..	17	71	40	49	65	82	6927
Others	59
TOTAL	5999	186	1961	1130	1598	1415	1840	5989	13356	6995	55311

COUNTRYWISE EXPORT OF NATURAL RUBBER

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

	1995-96		1996-97		1997-98		1998-99		1999-2000		2000-2001		2001-02		2002-03p	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Australia	33	1452	107	3879	230	6843	40	1150	162	4633	34	946	586	22807
Bahamas	1350	36675	665	16030	13314	463681
Banladesh	71	3720	..	..	..	..	..	..	24	810	18	570	..	..	1375	40457
Brazil	19	610	..	..	10	280	9149	282777
Canada	96	4752	..	..	..	756	19290	3582	99476	2337	57364	16	449	..
China	36	1931	..	..	..	..	..	..	..	..	452	14837
Czech Republic	162	4140	343	8752	..	..	9801	325841
France	47	1690	..	..	..	..	..	..	..	..
Germany	1054	62669	1356	67429	1236	44246	1491	44884	937	30130	927	29843	727	20909	1267	47826
Ghana	162	4230	2556	74084	1349	29961	315	7974
India	110	5920	..	..	17	1042	9	290	..	..	..	..	1900	62228
Indonesia	72	1880	2047	53421	..	..	402	14103
Japan	16	485	19	541	3798	99060	630	17384	..	..	185	55987
Korea	1588	50987
Malaysia	36	918	..	..	..	..	10	439	2389	94463
Maldives	1406	31836	4486	160031
Netherlands	173	4016	108	3628
Nigeria	792	22125	57	1235	5182	164406
Philippines	199	4852	276	10937
Poland	13	433	746	20988
Portugal	207	6425
Russia	20	687	..	..	..	..	144	3856	..	..	291	10071
Saudi Arabia	10	390	39	1137	15	830	1028	34574
South Africa	3	205	..	..	..	..	..	..	..	..	..	..	..	..
Spain	5	264	..	..	..	..	..	..	..	..	13356	373640	6995	169141	58311	1851
Sweden
Switzerland
Thailand
U.S.A.
U.K.
U.S.S.R.
Uganda
Ukraine
Uzbekistan
Vietnam
Yemen
Zambia
Zimbabwe
Others
Total	1130	66653	1598	79758	1415	51228	1840	55918	5898	161970	13356	373640	6995	169141	58311	1851

TABLE-15

MONTHWISE CONSUMPTION OF NATURAL RUBBER (Tonnes)

Month	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
April	29040	29385	33250	36025	37745	41770	45030	44800	45190	49705	51040	52875	54510
May	29215	29910	32150	35875	38330	41525	45955	48600	48020	51290	51675	54505	58505
June	29350	29820	33115	37730	39280	41140	46530	46050	48250	50315	53225	55010	56740
July	31040	30515	33785	38270	38720	43455	49380	48320	47710	52115	53950	52655	58820
August	29420	31320	33995	36650	39850	43265	47525	48810	47550	49775	52415	50820	57635
September	29140	31850	33450	34380	39985	41250	47350	48455	49910	53460	51565	51010	57380
October	30335	31660	34280	36820	38705	43855	45060	47450	48590	50315	51060	51335	57750
November	31405	32410	35585	38200	40220	46480	46050	48150	52400	53670	55450	53150	58470
December	31585	34175	35920	41450	43940	45650	48280	49350	53900	56505	56245	54425	59455
January	31530	32410	36780	38635	44070	45485	48400	48310	51155	54310	52440	54950	60210
February	30870	32960	35565	38160	41655	44410	45045	45275	48535	53195	50475	53045	59525
March	31380	33735	36220	38285	42350	47180	47200	47250	52335	53455	51935	54430	58125
Total	364310	380150	414105	450480	485850	525465	561765	571820	591545	628110	631475	638210	695425
Annual growth rate	6.57	4.35	8.93	8.78	7.85	8.15	6.91	1.79	3.45	6.18	0.54	1.07	8.96

Chart 5
GRADEWISE CONSUMPTION OF NR - 2002-03

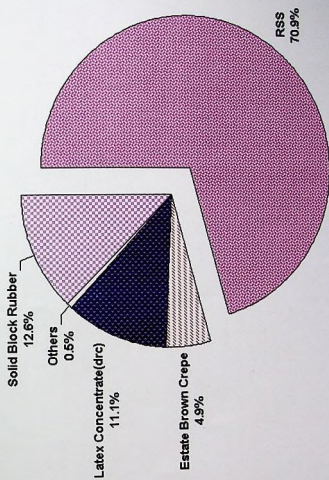




TABLE - 16

GRADEWISE CONSUMPTION OF NATURAL RUBBER

(Tonnes)

Grade	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
RSS	261780	272805	298090	332720	353730	383280	415220	419835	432695	462120	463280	446150	492975
Estate Brown Crepe	30367	32515	32205	28300	30940	27923	32350	30860	29435	31835	32785	33405	34030
Latex Concentrate(drc)	39865	42370	48600	52185	53985	57995	56255	58100	65430	66775	70870	72595	77540
Pale Latex Crepe & Sole Crepe	3307	3240	3075	3035	3085	2826	1780	1395	1920	2190	2250	2360	2620
Solid Block Rubber	27700	27855	30730	32560	42345	52205	55060	60780	61285	64385	61680	82850	87305
Others	1291	1585	1405	1680	1765	1236	1100	750	770	805	610	850	955
Total	364310	380150	414105	450480	485850	525465	561765	571820	591545	628110	631475	638210	695425

TABLE-17
STOCK OF NATURAL RUBBER WITH GROWERS, DEALERS AND MANUFACTURERS
AT THE END OF EACH MONTH
(Tonnes)

Month	1990-91			1995-96			1996-97			
	G & D	M	STC	T	G & D	M	T	G & D	M	T
April	25550	25185	24251	74986	29105	34615	63720	51210	46130	97340
May	26860	26800	21108	74568	31245	28510	59755	56470	41430	97900
June	23730	28790	19632	72152	28310	23960	52270	46040	43410	89450
July	23475	26965	13923	64363	29995	22800	52795	40175	38540	78715
August	26165	25760	13281	65206	35575	28490	64065	43900	29010	72910
September	35100	23750	16891	75741	51605	30960	82565	50600	27300	77900
October	40410	27940	16891	85241	62830	31500	94330	59120	29100	88220
November	50015	25965	16891	92871	71745	37365	109110	70750	35070	105820
December	55720	30720	16891	103331	78110	49240	127350	85860	37570	123430
January	59295	33580	16891	109766	81640	57125	138765	93500	43095	136595
February	42225	35795	18341	96361	66445	53935	120380	82590	38095	120685
March	30230	34045	22155	86430	50960	52230	103190	69860	37450	107310

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

TABLE - 17 (Contin.)

Month	1997-98			1998-99			1999-2000		
	G & D	M	T	G & D	M	T	G & D	M	T
April	68880	36550	105440	107265	38180	146445	138135	44025	182180
May	70220	35490	105710	112330	36600	148930	129230	40040	169270
June	67205	35630	102835	107575	35015	142590	120263	38932	158195
July	64150	30265	94415	98895	37050	135945	110875	38160	149035
August	62855	27765	90620	101550	36850	138400	114780	39030	153810
September	70445	29780	100235	107920	33010	140930	120850	39385	160235
October	81500	32510	114010	116195	35015	151210	139755	32045	171800
November	94285	37850	132135	135700	35520	171220	156365	38570	194835
December	120925	36025	156950	157785	36290	194075	177290	37600	215090
January	137295	38560	175855	171745	44365	216110	184000	47040	231040
February	122320	39070	161390	156560	43825	200385	156015	54255	210270
March	109225	38075	147300	144465	43500	187965	140470	52100	192570

* Stock disposed in December 93.

TABLE - 17 (Contn.)

Month	2000-01			2001-02			2002-03p		
	G & D	M	T	G & D	M	T	G & D	M	T
April	135278	48602	184680	133700	37490	171190	111200	65290	176490
May	131517	48958	180475	122530	38300	160830	100030	60950	160980
June	117945	50075	168020	106740	36575	143315	93835	52015	145850
July	113355	44185	157540	105425	31115	136540	83875	47335	131210
August	116395	34000	150395	106195	35520	141715	87595	41125	128720
September	129010	27080	156080	115715	37320	153035	91830	32520	124350
October	136715	32475	169190	133010	34580	167590	87335	34995	122330
November	148580	36240	184820	158425	36435	194860	100605	34580	135195
December	167950	35380	203330	181615	43885	225500	111145	40495	151640
January	178540	43160	221700	196840	51150	247990	119295	46575	165870
February	161980	41095	203075	172160	56875	229035	84280	57080	141360
March	136310	47590	183900	133480	59580	193070	65655	52340	117995

TABLE - 18

MONTHWISE PRODUCTION OF SYNTHETIC RUBBER

(Tonnes)

Month	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03 P
April	4646	4090	4391	3615	4069	4208	4695	4861	4401	5296	5680
May	5144	2973	4359	4801	5635	6121	5964	5453	2913	5218	6487
June	4446	3879	5664	6415	4323	6157	5632	5528	6136	5478	6791
July	3691	4057	5803	7118	6370	5683	5793	5943	5751	5199	5904
August	5354	3088	6278	7137	5872	7342	6761	5540	5819	5568	7505
September	5574	4746	5343	4402	4325	6097	4582	5321	5443	5536	6715
October	5730	2878	3401	5975	3286	6174	4853	4360	5308	6660	6247
November	2231	5423	6133	5021	6123	6287	5827	5067	5083	5846	6370
December	4563	5410	6927	6626	5770	7199	5745	5362	6563	6267	7209
January	5185	5766	6245	5301	7347	5645	5558	4001	6504	5880	7800
February	5677	4781	4557	5666	5690	5121	5461	3995	5597	5975	6642
March	5651	2542	4580	6148	5753	5949	6619	4832	5942	6730	7041
Total	57892	49633	63681	68223	64563	71993	67590	60293	65460	69653	80401

TABLE - 19

GRADEWISE PRODUCTION OF SYNTHETIC RUBBER

(Tonnes)

Grade	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
SBR 1502	8099	4620	9289	11608	9897	6243	3035	239	--	--	--
SBR 1712	5406	1646	5425	7645	6265	5031	1183	--	--	--	--
SBR 1958*	21355	22667	21773	17704	20529	17770	15139	12322	12482	15197	15363
Latex(drc)*	1908	2153	3044	3389	4064	3038	1984	1411	1422	1642	1490
Nitrile	3108	2592	2614	2837	4300	3619	4445	5280	5151	6275	6781
Polybutadiene	17377	14728	19320	21442	15547	32789	36760	35750	40670	41994	50977
EPDM	2	1170	2194	3598	3597	3136	4619	4811	4304	3835	5010
Others	637	57	22	--	364	367	425	480	1431	710	780
Total	57892	49633	63681	68223	64563	71993	67590	60293	65460	69653	80401
Annual growth rate(%)	0.29	-14.27	28.30	7.13	-5.36	11.51	-6.12	-10.80	8.57	6.41	15.43

* Includes SBR Latex, VP Latex and Nitrile Latex.

@ Including HSR

TABLE - 20

GRADEWISE CONSUMPTION OF SYNTHETIC RUBBER

(Tonnes)

Grade	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02*
Styrene butadiene rubber @	44035	45985	46310	48850	51920	54424	55220	51245	53790	54935	55945
Polybutadiene	27430	29875	31580	36195	38700	42033	50250	44040	49245	49810	49995
Butyl	21793	20051	21819	22782	24645	26845	32110	35910	37825	39940	40385
Polychloroprene	3065	3173	3187	3162	3795	3852	4610	4680	5115	5310	5655
Nitrile	3573	3848	3949	4148	4790	4880	5835	6455	6605	5875	6405
Latex(dre)	3570	3485	3593	3955	4320	4740	5070	5050	5025	5030	5180
EPDM	680	815	1457	2018	3200	3400	4265	5965	6190	5920	6430
Others*	1504	1458	1500	1600	2715	2636	3555	3050	3325	3850	4535
Total	105650	108690	113395	122710	134085	142810	160915	156395	167220	170670	174530
Annual growth rate	0.87	2.88	4.33	8.21	9.27	6.51	12.68	-2.81	6.92	2.06	2.26

* : Include unclassified rubber also.

@ : Include SBR latex.

TABLE-21

STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH

(Tonnes)

Month	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
April	16560	11155	14680	14070	14700	20455	31420	29420	41020	44500	45180
May	15395	11515	16850	14495	14485	20785	30940	31980	39350	44180	43440
June	14750	11070	18380	15855	14810	23325	32180	31630	39980	46875	42070
July	13125	11490	17920	16050	16110	23230	32735	33895	40920	47900	44435
August	13800	11350	15675	17420	17500	23885	31630	36390	40530	47210	46255
September	12770	11340	16890	16930	16300	24110	30825	34675	40820	47530	46245
October	12270	13160	14900	15190	16820	24160	28890	34240	37905	47010	46710
November	11690	12430	16790	16120	17195	25175	27435	36640	37920	46180	47775
December	11520	13200	16400	17190	17400	24740	27075	37960	40495	45655	48225
January	12380	12960	16790	18200	16380	27110	26005	38150	39690	47040	49010
February	12485	14480	16825	17235	16100	27825	27385	40440	39785	48240	49840
March	11470	12390	14665	20285	18760	31560	29030	42410	43505	45220	51930

TABLE - 22

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

(Tonnes)

Year	Production	Import	Consumption	Export
1960-61	2000*	3024	5453	--
1965-66	9500	179	9774	--
1970-71	15507	--	14348	259
1971-72	16710	--	15772	692
1972-73	17186	--	14666	1076
1973-74	18644	--	17784	1268
1974-75	19360	--	18096	1050
1975-76	19581	--	19342	141
1976-77	20256	--	20957	973
1977-78	21817	--	21681	1282
1978-79	27618	--	26330	1045
1979-80	26786	--	25660	953
1980-81	29336	--	26850	1127
1981-82	28787	--	28160	896
1982-83	28242	--	29190	520
1983-84	32964	--	30690	524
1984-85	34155	--	34625	446
1985-86	39195	--	38215	201
1986-87	38995	--	38635	188
1987-88	40535	--	41140	278
1988-89	40960	--	42450	699
1989-90	47615	--	46300	752
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
2001-02p	63550	--	63875	5766

*: Approximate

Source: For Import and export data upto 1990-91,

"Monthly Statistics of Foreign Trade of India", published by Govt. of India & CAPEXIL.

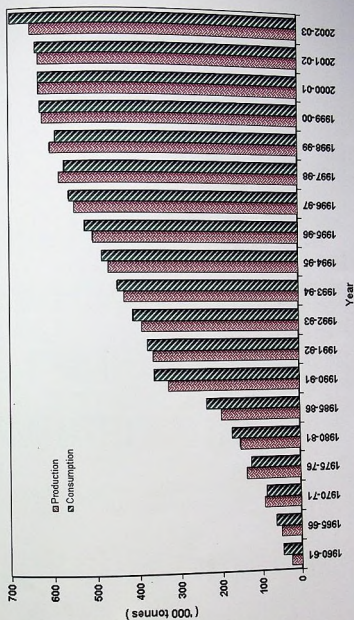
TABLE - 23

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
1955-56	23730		23730	4428	1201	5629	12	5629	28445	461	28906
1956-57	24060		24060	7341	3134	10475	81	10475	29998	2866	32864
1957-58	24534		24534	11357	3014	14371		14371	33074	3161	36235
1958-59	24169		24169	12538	4229	16767		16767	35767	3477	39244
1959-60	24173		24173	15287	5718	21005		21005	40491	4964	45455
1960-61	25697		25697	23125	8097	31222		31222	48148	7397	55545
1961-62	27446		27446	23526	10121	33647		33647	48410	10186	58596
1962-63	32239		32239	23360	10297	33657		33657	53553	10723	64276
1963-64	37487	8075	45562	26275	8812	35087		35087	61155	11959	73114
1964-65	45616	11633	57249	15003	3315	18318		18318	61057	15285	76342
1965-66	50530	14741	65271	16357	2735	19092		19092	63765	21553	85318
1966-67	54818	22358	77176	23544	5806	29150		29150	69685	23592	92277
1967-68	64468	19942	84410	9551	3127	12678		12678	74518	23324	97842
1968-69	71054	25868	96922	8548	2909	11457		11457	86615	27238	113853
1969-70	81953	28689	110642	17821	4736	22557		22557	86213	30536	116749
1970-71	92171	29791	121962	2469	5014	7483		7483	87237	33160	120397
1971-72	101210	32911	134121	437	5627	6064		6064	96454	37209	133663
1972-73	112364	21832	134196	380	6044	6424		6424	104028	33913	137941
1973-74	125153	23542	148695	52	5609	5661	2700	5661	130302	23821	154223
1974-75	130143	17712	147855		6939	6939	350	6939	132604	24376	156980
1975-76	137750	25119	162869		6391	6391		6391	125692	32452	158144

CHART 6
PRODUCTION AND CONSUMPTION OF NR



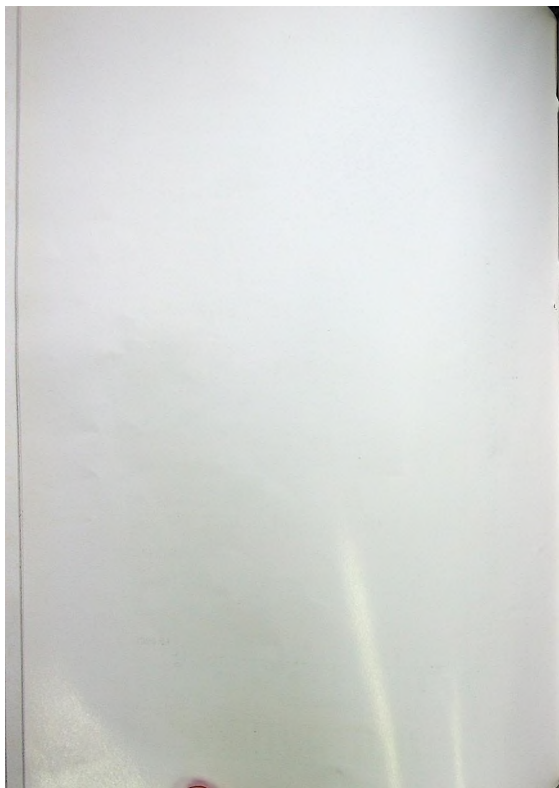


TABLE - 23 (Contn.)

Year	PRODUCTION			IMPORT			EXPORT		CONSUMPTION		
	Natural	Synthetic	Total	Natural	Synthetic	Total	Natural	Synthetic	Natural	Synthetic	Total
1976-77	149632	23212	172844		7812	7812	12296		137623	34955	172578
1977-78	146987	27288	174275		9935	9935		11078	144967	36150	181117
1978-79	135297	28054	163351		13509	20959			164524	40470	204994
1979-80	148470	29524	177994	14750	17314	48514			165245	43238	208483
1980-81	153100	25293	178393	32200	26742	58942			173630	47050	220680
1981-82	152870	28499	181369	42750	29659	72409			189420	52650	242070
1982-83	165850	30290	196140	33401	24394	57795			195545	55250	250795
1983-84	175280	32270	207550	35940	23287	59227			209480	62300	271780
1984-85	186450	37669	224119	37461	30248	67709			217510	65400	282910
1985-86	200465	34758	235223	41431	39086	80517			237440	70035	307475
1986-87	219520	38816	258336	45356	32600	77956			257305	71785	329090
1987-88	235197	44468	279665	53665	30100	83765			287480	76410	363890
1988-89	259172	54389	313561	59635	33950	93585			313830	84150	397980
1989-90	297300	53482	350782	44445	39000	83445			341840	93550	435390
1990-91	329615	57293	386908	49013	51715	100728			364310	104735	469045
1991-92	366745	57726	424471	15070	39210	54280	5834		390150	105650	485800
1992-93	393490	57892	451382	17884	47362	59999	5999		414105	106890	522795
1993-94	435160	49633	484793	19940	64338	84278	186		450480	113395	563875
1994-95	471815	63681	535496	8093	73595	81683	1981		485650	122710	608360
1995-96	506910	68223	575133	51635	71735	123370	1130		525465	134085	659550
1996-97	549425	64563	613988	19770	91050	110820	1598		561765	142610	704375
1997-98	583830	65923	649753	32070	86369	119639	1415		571820	160915	732735
1998-99	605045	67590	672635	29534	74743	127082	1840		591545	156395	747940
1999-00	622265	60293	682558	28613	104842	125055	5989		628110	167220	795330
2000-01	630405	65460	695865	8970	108923	115893	13356		631475	170670	802145
2001-02	631400	69653	701053	49769	111572	161341	6995		638210	174530	812740
2002-03p	649435	80401	729836	25229	124475	150704	55311		695425	194850	890275

TABLE - 24

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

Month	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
April	90140	101635	83000	83220	85970	78420	117795	136860	175865	223180	229380	216370
May	90850	102390	84485	88200	88070	74240	118685	136650	180910	208620	224655	204270
June	87950	93875	73920	79705	76805	67060	112775	135015	174220	199175	214895	185385
July	80285	83155	66585	70500	65420	68905	101945	127150	169840	189955	205440	180975
August	80705	81985	61250	69435	63685	81565	96795	122250	174790	194340	187605	187970
September	89940	90105	65470	85480	71490	98865	102010	131060	175005	201055	203620	199280
October	99240	98320	74870	89205	85685	111150	112380	142900	185450	209605	216200	214300
November	109880	107720	84275	101455	99695	126305	130995	159570	207860	232855	231000	242635
December	122110	117630	104135	112830	111250	144750	148170	184025	232035	255585	248985	273725
January	129415	125070	112385	122700	119175	155145	183705	201860	254260	270730	268740	297000
February	115460	110460	99145	106735	100765	136480	148510	188775	240825	250055	249315	278975
March	105930	92720	83430	91680	89835	121950	138870	176330	230375	236075	229120	245000

TABLE - 25

PRODUCTION, IMPORT, 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
1955-56	23730	8.98	4428	28158	12	28445	8.02	28457	- 299	5155
1960-61	25697	6.30	23125	48822		48148	18.91	48148	+ 674	9875
1965-66	50530	10.77	16357	66887		63765	4.44	63765	+ 3122	16573
1970-71	92171	12.47	2469	94640		87237	1.19	87237	+ 7403	39109
1975-76	137750	5.85		137750		125692	-5.21	125692	+ 12058	53759
1976-77	149632	8.63		149632	12296	137623	9.49	149919	- 287	53085
1977-78	146987	-1.77		146987	11078	144967	5.34	159045	- 9058	44027
1978-79	135297	-7.95	14750	150047		164524	13.49	164524	- 14477	29515
1979-80	148470	9.74	32200	180670		165245	0.44	165245	+ 15425	44910
1980-81	153100	3.12	9250	162350		173630	5.07	173630	- 11280	33700
1981-82	152870	-0.15	42750	195620		188420	8.52	188420	+ 7200	39700
1982-83	165850	8.49	33401	199251		195545	3.78	195545	+ 3706	43400
1983-84	175280	5.69	35940	211220		209480	7.13	209480	+ 1740	45150
1984-85	186450	6.37	37461	223911		217510	3.83	217510	+ 6401	51550

TABLE - 25(Contd.)

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
1985-86	200485	7.52	41431	241886		237440	9.16	237440	+ 4456	55360
1986-87	219520	9.51	45356	264876		257305	8.37	257305	+ 7571	62700
1987-88	235197	7.14	53685	288882		287480	11.73	287480	+ 1402	64100
1988-89	259172	10.19	59835	319007		313830	9.17	313830	+ 5177	69280
1989-90	297300	14.71	44445	341745		341840	8.93	341840	- 95	69610
1990-91	328615	10.87	49013	378628		364310	6.57	364310	+14318	86430
1991-92	366745	11.26	15070	381815	5834	380150	4.35	385984	- 4169	81250
1992-93	393490	7.29	17884	411374	5999	414105	8.93	420104	- 8730	71140
1993-94	435160	10.59	19940	455100	186	450480	8.78	450668	+ 4434	77015
1994-95	471815	8.42	8093	479908	1961	485850	7.85	487811	- 7903	69550
1995-96	506910	7.44	51635	558545	1130	525465	8.15	526595	+ 31950	103190
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	45769	681169	6995	638210	1.07	645205	+35964	193070*
2002-03p	649435	2.86	26229	675674	55311	685425	8.96	750736	-75062	117995*

*including year end adjustment

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
1965-66	14741	2735	17476	21553	- 4077	4875
1970-71	29791	5014	34805	33160	+ 1645	13994
1975-76	25119	6391	31510	32452	- 942	12445
1976-77	23212	7812	31024	34955	- 3931	9090
1977-78	27288	9935	37223	36150	+ 1073	10443
1978-79	28054	13309	41363	40470	+ 893	10700
1979-80	29524	17314	46838	43238	+ 3600	15200
1980-81	25293	17492	42785	47050	- 4265	10900
1981-82	28499	29659	58158	52650	+ 5508	16200
1982-83	30290	24394	54684	55250	- 566	15700
1983-84	32270	23287	55557	62300	- 6743	8980
1984-85	37669	30248	67917	65400	+ 2517	11650
1985-86	34758	39086	73844	70035	+ 3809	14470
1986-87	38816	32600	71416	71785	- 369	15100
1987-88	44468	30100	74568	76410	- 1842	13245
1988-89	54389	33950	88339	84150	+ 4189	17000
1989-90	53482	39000	92482	93550	- 1068	15500
1990-91	57293	51715	109008	104735	+ 4273	19500
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	60293	104842	165135	167220	- 2085	43505
2000-01	65460	106923	172383	170670	+ 1713	45220
2001-02	69653	111572	181225	174530	+ 6695	51930

TABLE - 27

STATEWISE CONSUMPTION OF ALL KINDS OF RUBBER
(Tonnes)

State/Union Territory	1970-71			1975-76			1980-81		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Total
Andhra Pradesh	+	+	+	+	+	+	+	+	
Delhi	1956	199	96	2251	4168	591	196	4955	2223
Goa & Daman	+	+	+	+	3483	268	78	3829	6311
Gujarat	1192	161	45	1398	2138	447	230	2815	2409
Haryana	4475	2439	193	7107	11110	3109	668	14917	3034
Karnataka	631	609	358	1598	1920	953	644	3517	14974
Kerala	6739	1798	380	8917	9268	1062	1069	11399	5770
Maharashtra	19696	9897	3231	32824	28400	10668	4612	43680	19283
Punjab	2277	206	269	2752	5743	227	206	6176	33119
Rajasthan	+	+	+	+	+	+	+	+	13232
Tamil Nadu	17548	5966	2628	26142	20900	4140	3526	28566	1565
Uttar Pradesh	1160	153	59	1372	9672	1363	501	11536	5482
West Bengal	30988	11634	7015	49637	27300	9090	7482	43872	17050
Others	575	98	74	747	1590	534	100	2224	22578
Total	87237	33160	14348	134745	125692	32452	19342	177486	47050
									26650
									247530

+ : Included in others.

NOTE: In 1975-76 consumption of rubber by M/S MRF Ltd. at their Kottayam unit was included in Tamil Nadu, but from 1980-81 onwards it is included in Kerala.

TABLE - 27/(Contn.)

State/Union Territory	1985-86			1990-91			1995-96		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Total
Andhra Pradesh	4538	901	439	5878	8907	2594	1743	13244	28703
Bihar	+	+	+	+	+	+	+	+	1698
Delhi	10209	1654	552	12415	15613	3747	1804	21164	24436
Goa & Daman	4180	1683	162	6025	6214	1501	667	8382	14825
Gujarat	4962	780	293	6035	6889	1402	1021	9312	30018
Haryana	18780	7025	925	26730	22728	7106	1373	31207	41239
Karnataka	11670	5119	1912	18701	16978	6602	2267	25847	4324
Kerala	28341	5896	3375	37612	55365	15232	5015	75612	35903
Madhya Pradesh	920	297	24	1241	4120	1040	1151	6311	24352
Maharashtra	37351	14966	6550	58867	47219	21370	8729	77318	97412
Orissa	+	+	+	+	+	+	+	+	430
Pondicherry	+	+	+	+	+	+	+	+	21464
Punjab	27172	3845	10637	41654	46158	3735	12917	62810	83251
Rajasthan	12259	3623	207	16089	17936	6932	567	25435	28851
Tamil Nadu	19097	7340	3150	29587	21213	11254	4428	36895	41294
Uttar Pradesh	29458	6889	4523	40870	46795	11396	5870	64061	87290
West Bengal	27538	9091	5445	42074	42292	9635	4794	56721	54671
Others	965	926	21	1912	5883	1189	154	7226	1634
Total	237440	70035	38215	345690	364310	104735	52500	521545	65775

TABLE - 27(Contn.)

State/Union Territory	1996-97			1997-98			1998-99					
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total
Andhra Pradesh	18728	7416	3302	29446	22864	9709	4350	36723	16890	10749	3233	30872
Bihar	1250	454	191	1895	1307	472	193	1972	1525	420	195	2140
Delhi	17981	2611	1689	22281	17465	2576	1650	21691	18826	2496	1474	22796
Goa & Daman	22682	3007	485	26174	23101	3086	671	26858	24327	3512	589	28428
Gujarat	30230	5181	1752	37163	30757	6625	1811	39193	31639	4854	1506	37799
Haryana	31526	8165	1805	41496	34351	9244	2005	45600	39855	8791	1388	46034
Karnataka	23268	7482	4541	35291	28048	8608	5138	39794	27409	8725	4582	40716
Kerala	67144	24575	5968	97687	68542	27825	6270	102637	77583	29074	6245	112902
Madhya Pradesh	20914	3967	1816	26697	21789	4670	1561	28020	23790	6802	1651	32243
Maharashtra	62608	24675	9434	96717	54832	23415	9769	88016	61415	25515	8474	95404
Orissa	18137	4378	405	22920	18859	4985	521	24365	21768	4545	623	26936
Pondicherry	3081	887	40	4008	2544	992	45	3581	2434	778	44	3256
Punjab	68750	6793	16591	92134	78250	9209	17708	105167	81685	10007	18248	109940
Rajasthan	30079	7993	592	38664	30929	8503	635	40067	30230	7389	495	38104
Tamil Nadu	37884	12019	4890	54793	37129	13910	5352	56391	32130	10056	3944	46130
Uttar Pradesh	63860	13977	7627	85464	63233	16145	7427	86805	61587	13847	5396	80810
West Bengal	42105	9153	5407	56665	38931	10885	4919	54735	41113	8982	4962	55057
Others	1538	77	50	1665	1089	56	60	1205	1359	53	56	1468
Total	561765	142810	66585	771160	571820	160915	70085	802820	591545	156395	63095	811035

TABLE - 27 (Contn.)

State/Union Territory	1999-00			2000-01			2001-02p		
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Total
Andhra Pradesh	19729	11238	2965	33932	19906	9330	3166	32402	27579
Bihar	1396	329	195	1920	1304	317	186	1807	1809
Delhi	18926	2371	1429	22726	18360	2176	1478	22014	21618
Goa & Daman	23469	5312	1040	29821	23552	8556	974	33082	26092
Gujarat	32439	5302	1628	39369	35107	6213	1622	42942	48110
Haryana	39678	8761	1407	49846	38638	7596	1424	47658	48830
Karnataka	28736	8539	4528	42803	31233	9312	4476	45021	55770
Kerala	86849	31068	6820	124737	88221	32978	6773	127972	138860
Madhya Pradesh	26677	9609	2714	39000	27732	11404	3159	42295	46582
Maharashtra	68644	26783	8553	103980	68344	25989	8322	102855	116425
Orissa	23496	4794	715	29005	24072	4907	692	29671	29206
Pondicherry	2255	787	43	3085	2531	718	34	3283	4314
Punjab	79242	8463	17561	105266	82843	8001	16542	107386	109606
Rajasthan	37534	9395	448	47377	35867	8423	465	44755	44788
Tamil Nadu	31989	10737	3871	46597	32598	11539	4119	48246	45267
Uttar Pradesh	61707	13977	4606	80290	55684	12945	4178	72807	52866
West Bengal	42952	9706	4876	57534	43258	10217	4603	58078	56495
Others	1392	49	51	1492	2235	49	47	2331	2488
Total	628110	167220	63450	858780	631475	170670	62260	864405	876615

TABLE - 27(Contn.)

State/Union Territory	1996-97			1997-98			1998-99					
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total
Andhra Pradesh	18728	7416	3302	29446	22664	9709	4350	36723	16890	10749	3233	30872
Bihar	1250	454	191	1895	1307	472	193	1972	1525	420	195	2140
Delhi	17981	2611	1689	22281	17465	2576	1650	21691	18826	2496	1474	22796
Goa & Daman	22682	3007	485	26174	23101	3086	671	26858	24327	3512	589	28428
Gujarat	30230	5181	1752	37163	30757	6625	1811	39193	31639	4654	1506	37799
Haryana	31526	8165	1805	41496	34351	9244	2005	45600	35855	8791	1388	46034
Karnataka	23268	7482	4541	35291	26048	8608	5138	39794	27409	8725	4582	40716
Kerala	67144	24575	5968	97687	68542	27825	6270	102637	77583	29074	6245	112902
Madhya Pradesh	20914	3967	1816	26697	21789	4670	1561	28020	23790	6802	1651	32243
Maharashtra	62608	24575	9434	96717	54832	23415	9769	88016	61415	25515	8474	95404
Orissa	18137	4378	405	22920	18859	4985	521	24365	21768	4545	623	26936
Pondicherry	3081	887	40	4008	2544	992	45	3581	2434	778	44	3256
Punjab	68750	6793	16591	92134	78250	9209	17708	105167	81685	10007	18248	109940
Rajasthan	30079	7993	592	38664	30929	8503	635	40067	30230	7389	485	38104
Tamil Nadu	37884	12019	4890	54793	37129	13910	5352	56391	32130	10056	3944	46130
Uttar Pradesh	63860	13977	7627	85464	63233	16145	7427	86805	61567	13847	5396	80810
West Bengal	42105	9153	5407	56665	36931	10885	4919	54735	41113	8982	4962	55057
Others	1538	77	50	1665	1089	56	60	1205	1359	53	56	1468
Total	561765	142810	66585	771160	571820	160915	70085	802820	591545	156395	63095	811035

TABLE - 27(Contin.)

State/Union Territory	1999-00			2000-01			2001-02p					
	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total	Natural	Synthetic	Reclaimed	Total
Andhra Pradesh	19729	11238	2965	33932	19906	9330	3166	32402	16961	7013	3605	27579
Bihar	1396	329	195	1920	1304	317	186	1807	1406	315	188	1909
Delhi	18926	2371	1429	22726	18360	2176	1478	22014	17942	2233	1443	21618
Goa & Daman	23469	5312	1040	29821	23552	8556	974	33082	14808	10533	751	26092
Gujarat	32439	5302	1628	39369	35107	6213	1622	42942	39223	6959	1928	48110
Haryana	39678	8761	1407	49846	38638	7596	1424	47658	40311	7077	1442	48830
Karnataka	29736	8539	4528	42803	31233	9312	4476	45021	38402	12217	5150	55770
Kerala	86849	31068	6820	124737	88221	32978	6773	127972	100163	32114	6583	138660
Madhya Pradesh	26677	9609	2714	39000	27732	11404	3159	42295	31143	11966	3273	46382
Maharashtra	68644	26763	8553	103960	68344	25989	8322	102655	78316	29439	8670	116425
Orissa	23496	4794	715	29005	24072	4907	692	29671	23973	4702	531	29206
Pondicherry	2255	787	43	3085	2531	718	34	3283	3140	1090	84	4314
Punjab	79242	8463	17561	105266	82843	8001	16542	107386	83559	8485	17562	109606
Rajasthan	37534	9395	448	47377	35867	8423	465	44755	35891	8333	564	44788
Tamil Nadu	31989	10737	3871	46597	32588	11539	4179	48246	29598	11276	4393	45267
Uttar Pradesh	61707	13977	4606	80290	55684	12945	4118	72807	40088	9431	3347	52866
West Bengal	42952	9706	4876	57534	43258	10215	4603	58078	40894	11289	4312	56495
Others	1392	49	51	1492	2235	49	47	2331	2392	57	49	2498
Total	628110	167220	63450	858780	631475	170670	62260	864405	638210	174530	63875	876615

TABLE - 28

VALUE OF NATURAL RUBBER IMPORTED FROM VARIOUS COUNTRIES

(000 Rs)

Country	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
China	5423	--	8903	56016	--	2614	5745	4975	17	767	--
Indonesia	897	452	24739	70181	17928	119429	88911	53004	27980	181696	167159
Malaysia	133421	167271	125420	1141140	325100	423509	199578	94027	90242	566886	277285
Myanmar	7678	--	--	7837	--	12902	44422	20161	6926	35536	2081
Singapore	7000	15385	12348	317905	82858	28832	84364	29499	18177	62030	35129
Sri Lanka	91845	103048	7205	214590	216554	87125	41458	48717	13774	22253	17970
Thailand	218083	259836	84153	906974	331804	524961	371530	247477	87944	502364	401996
Vietnam	--	--	--	--	--	5051	14658	60467	30736	40077	64761
Others	2111	2817	9348	69780	30128	14196	60996	16877	28057	33051	27899
Total	466458	548809	272116	2784423	1004372	1216619	911662	573204	303833	1444650	994290

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
(000 Rs)

Country	1992-93	1993-94	1994-95	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
U.S.A	238822	217630	194740	379592	337586	240005	333813	368800	388699	380778
Canada	117143	71829	49011	149857	286420	387987	503563	564560	204214	111680
Germany(FR)	188774	173442	300791	356867	320315	309669	488823	381012	466159	413802
U. K	44267	82534	82574	125816	163121	145869	233476	236540	184450	305420
France	216208	308474	519020	944163	827480	575273	592979	592781	667409	725275
Netherlands	24557	11774	12488	41510	36726	38746	113970	62789	173649	154233
Belgium	269887	308577	464586	522586	132438	36594	68443	72333	167915	196716
Japan	675105	1166497	1152812	1365988	1268458	1373712	1174021	1509763	1095054	1061490
Others	362392	530076	667196	1418305	1384464	2103575	2147984	2875793	3553343	4413828
Total	2140155	2870633	3443218	5304694	4757006	5211430	5655082	6664371	6900892	7763232

* including 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)

Month		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5	EBC 2X	LATEX ISNR 20
		(60% drc)						
April	1991	2247	2203	2154	2113	2042	1826	4183
May	"	2206	2181	2145	2115	2075	1804	4147
June	"	2213	2183	2136	2115	2061	1841	4227
July	"	2318	2273	2227	2166	2079	1849	4335
August	"	2431	2384	2335	2285	2188	1853	4329
September	"	2363	2305	2239	2174	2107	1810	3994
October	"	2310	2250	2173	2115	2015	1700	3625
November	"	2300	2240	2143	2112	2037	1650	3316
December	"	2209	2158	2103	2083	2040	1639	3053
January	1992	2220	2142	2097	2075	2040	1603	2993
February	"	2211	2161	2099	2069	2040	1605	3052
March	"	2394	2341	2300	2268	2245	1706	2996
Average		2285	2235	2179	2141	2081	1741	3688
April	1992	2472	2441	2415	2397	2333	1953	3201
May	"	2642	2595	2525	2470	2453	2033	4167
June	"	2840	2778	2723	2680	NT	2254	4447
July	"	2691	2660	2598	2542	2453	2155	4075
August	"	2704	2671	2619	2577	2479	2159	3642
September	"	2927	2849	2813	2764	2589	2184	3526
October	"	2988	2906	2855	2793	2639	2212	4104
November	"	2856	2754	2710	2583	2403	2090	4271
December	"	2635	2585	2451	2332	2263	1967	4312
January	1993	2624	2538	2410	2363	2298	2007	4332
February	"	2735	2666	2613	2562	2508	2255	4530
March	"	2750	2668	2656	2534	2488	2178	4540
Average		2739	2676	2616	2550	2446	2121	4096
April	1993	2764	2686	2608	2552	2514	2220	4340
May	"	2831	2731	2664	2606	2564	2276	4340
June	"	2970	2885	2800	2737	2688	2346	4664
July	"	2906	2813	2738	2681	2606	2365	4581
August	"	2894	2794	2733	2668	2593	2380	4459
September	"	2795	2695	2625	2564	2448	2319	4470
October	"	2643	2543	2468	2390	2327	2175	4456
November	"	2655	2555	2479	2412	2308	2095	4397
December	"	2725	2625	2550	2484	2349	2103	4304
January	1994	2765	2665	2593	2546	2454	2201	4314
February	"	2838	2738	2688	2593	2553	2310	4399
March	"	2844	2744	2694	2599	2545	2247	4349
Average		2803	2706	2637	2569	2496	2253	4423

TABLE -30(Contn.)

Month		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5	EBC 2X	LATEX	ISNR 20
								(60% drc)	
April	1994	2855	2755	2705	2621	2577	2253	4250	2550
May	"	2967	2838	2775	2749	2674	2358	4365	2661
June	"	3115	3050	2940	2851	2751	2442	4440	2729
July	"	3175	3095	NT	3014	2949	2577	4376	2871
August	"	3950	3800	3793	3559	3289	2732	4469	3074
September	"	4508	4363	4300	4148	3888	2810	4655	3474
October	"	3831	3550	3475	3548	3411	2883	5100	3489
November	"	3657	3405	3228	3219	3172	2902	4922	3127
December	"	4275	4175	4075	3841	3768	3213	5000	3515
January	1995	4688	4600	4467	4273	4088	3801	5680	3913
February	"	5104	5040	4777	4637	4545	4274	6333	4680
March	"	5486	5474	5297	5195	5091	4871	7143	5087
Average		3968	3845	3803	3638	3517	3093	5061	3431
April	1995	5803	5650	5605	5441	5415	5269	7690	5477
May	"	6633	NT	NT	6047	5966	5683	8420	5889
June	"	6674	NT	NT	6171	5797	5677	9197	5801
July	"	5768	NT	NT	5231	5065	4974	8293	4960
August	"	4921	NT	NT	4295	4116	3815	6558	3758
September	"	4800	4500	4225	4197	4121	3681	6476	3939
October	"	5354	NT	NT	4694	4350	3934	7550	4110
November	"	5493	5350	NT	4925	4461	4146	8038	4176
December	"	6082	NT	NT	5598	5390	4852	8902	5140
January	1996	6171	5880	5800	5588	5347	5063	8456	5350
February	"	5788	5500	5400	5249	5148	4846	7509	5123
March	"	5613	5500	5300	5006	4948	4775	7090	4990
Average		5758	5397	5266	5204	5010	4726	7848	4893
April	1996	5566	NT	5250	5005	4970	4747	6852	4925
May	"	5583	5350	NT	5252	5066	4914	7047	5020
June	"	5935	5650	NT	5385	5243	5062	7623	5285
July	"	5675	5450	NT	5125	5004	4876	6718	4940
August	"	5549	5200	NT	5033	4920	4738	6270	4695
September	"	5472	5350	NT	5060	4814	4585	6229	4700
October	"	5467	5380	5200	5112	4773	4397	6429	4570
November	"	5358	5200	NT	4898	4624	4248	6218	4262
December	"	5203	5125	5000	4752	4466	3951	5841	4128
January	1997	5219	NT	NT	4699	4424	3909	5750	4300
February	"	4840	4520	NT	4286	4202	3822	5295	4078
March	"	4703	4650	4600	4199	4135	3799	4783	4038
Average		5381	5188	5013	4901	4720	4421	6255	4578

TABLE -30(Contin.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	EBC 2X	LATEX	ISNR 20
		(60% drc)							
April	1997	4609	4528	4319	3980	3935	3661	4983	3880
May	"	4977	4758	4699	4483	4246	3952	4830	4130
June	"	4825	4600	4475	4224	4104	4003	5590	4185
July	"	4613	NT	4020	3937	3785	3746	5455	3778
August	"	4812	4668	4496	4298	4075	3896	5498	4093
September	"	4541	NT	4102	3892	3758	3422	5667	3705
October	"	4100	3811	3637	3495	3410	3170	5720	3250
November	"	3925	3750	3473	3389	3290	3017	5756	3146
December	"	3410	NT	3088	2970	2790	2594	5660	2640
January	1998	3356	3225	2938	2890	2749	2546	5265	2644
February	"	3115	3000	2808	2700	2584	2460	5102	2602
March	"	3100	3000	2750	2700	2616	2468	5105	2593
Average		4115	3927	3734	3580	3445	3245	5386	3387
April	1998	3068	2894	2729	2653	2588	2457	4905	2617
May	"	3500	3400	2961	2892	2755	2581	5000	2885
June	"	3925	3713	3613	3457	3202	3012	5386	3185
July	"	3854	3700	3476	3314	3090	2904	5326	3079
August	"	3642	3479	3214	3022	2898	2778	4740	2860
September	"	3536	3377	3108	2935	2844	2656	4523	2750
October	"	3840	3621	3421	3338	3112	2837	4715	2941
November	"	3781	3600	3404	3289	3113	2792	4485	2766
December	"	3513	3213	3098	2968	2856	2487	3991	2577
January	1999	3451	3224	2948	2695	2608	2406	3493	2531
February	"	3263	3067	2788	2625	2536	2388	3415	2505
March	"	3261	3050	2872	2737	2672	2478	3331	2607
Average		3553	3362	3136	2994	2856	2648	4443	2759
April	1999	3312	3124	2995	2818	2713	2528	3312	2680
May	"	3623	3512	3335	3190	3078	2866	3382	3015
June	"	4102	3918	3704	3408	3242	3162	4500	3205
July	"	3794	3667	3524	3360	3189	3070	4398	3113
August	"	3744	3628	3520	3318	3128	2917	3859	3114
September	"	3408	3265	3135	2951	2863	2762	3897	2810
October	"	3350	3250	3127	2958	2833	2675	3906	2758
November	"	3381	3281	3160	3036	2869	2823	4185	2831
December	"	3268	3168	3001	2865	2730	2697	4030	2710
January	2000	3489	3389	3228	3099	2905	2873	4020	2916
February	"	3529	3429	3278	3133	2972	2893	4508	2950
March	"	3454	3354	3254	3049	2943	2874	5087	2943
Average		3538	3415	3272	3099	2955	2845	4091	2920

Chart 7
PRICE OF INDIGENOUS RSS4 GRADE RUBBER
(In Kottayam Market)

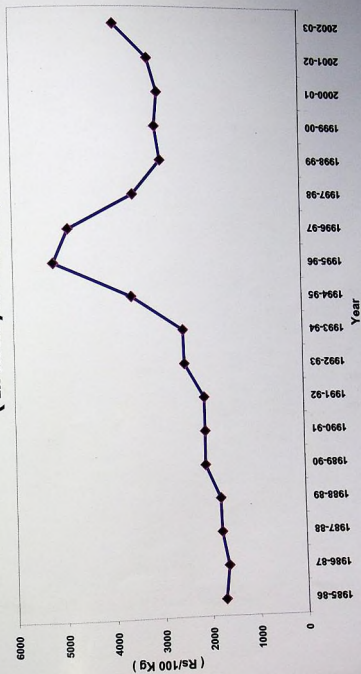




TABLE -30(Contin.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	EBC 2X	LATEX	ISNR 20
								(60% drc)	
April	2000	3687	3555	3396	3199	3115	3018	6090	3069
May	"	3820	3648	3437	3356	3288	3183	5942	3261
June	"	3806	3596	3390	3248	3169	3090	6223	3201
July	"	3832	3567	3402	3253	3145	3060	5117	3199
August	"	3683	3508	3332	3198	3046	2967	4558	2999
September	"	3637	3427	3306	3122	2962	2873	4467	2818
October	"	3566	3374	3266	3061	2930	2789	4223	2745
November	"	3408	3242	3142	2909	2762	2581	3922	2496
December	"	3273	3169	3037	2867	2685	2476	3297	2528
January	2001	3263	3146	3029	2853	2667	2573	3594	2680
February	"	3128	3038	2894	2694	2558	2516	3604	2543
March	"	3047	2961	2828	2667	2578	2484	3683	2538
Average		3513	3353	3205	3036	2909	2801	4560	2840
April	2001	3037	2937	2824	2679	2614	2489	3692	2519
May	"	3674	3574	3443	3295	3117	2839	4200	2975
June	"	3769	3669	3523	3353	3158	2862	4708	2998
July	"	3787	3688	3550	3389	3237	2831	4638	2920
August	"	3956	3848	3736	3601	3347	2844	4367	2995
September	"	3578	3465	3309	3154	3019	2689	4025	2768
October	"	3537	3437	3301	3209	3079	2626	4002	2850
November	"	3478	3368	3281	3209	3079	2568	4326	2774
December	"	3415	3300	3250	3209	3079	2390	4418	2511
January	2002	3435	3340	3267	3209	3079	2433	4604	2648
February	"	3494	3394	3294	3209	3079	2633	4733	2898
March	"	3535	3435	3335	3214	3079	2693	4733	2968
Average		3558	3455	3343	3228	3081	2658	4371	2819
April	2002	3738	3638	3538	3389	3101	2915	4741	3163
May	"	3960	3860	3760	3589	3219	3085	5131	3257
June	"	4315	4215	4115	3979	3625	3416	5748	3594
July	"	4206	4106	4006	3830	3549	3356	5860	3535
August	"	4106	4006	3906	3732	3484	3239	4987	3424
September	"	4148	4048	3948	3765	3622	3390	4879	3608
October	"	4038	3938	3838	3667	3515	3298	4908	3511
November	"	4007	3907	3807	3677	3564	3311	4908	3499
December	"	4516	4416	4316	4196	3911	3696	5235	3960
January	2003	4704	4604	4504	4300	4077	3967	5601	4182
February	"	4753	4653	4553	4384	4280	4170	5725	4323
March	"	4903	4803	4703	4517	4372	4313	5792	4417
Average		4283	4183	4083	3919	3693	3513	5293	3706

Note: RMA 1X, RMA 1, RMA 2, RMA 3, RMA 4 and RMA 5 are changed to RSS 1X, RSS 1, RSS 2, RSS 3, RSS 4 and RSS 5 respectively vide Gazette Notification No. G.S.R.561(E) dated

5th July 1994, issued by Ministry of Commerce, Govt. of India.

NT - No Transaction.

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	
1965-66	385	340	565	---	---
1970-71	440	390	680	---	---
1971-72	440	390	680	---	---
1972-73	440	390	680	---	---
1973-74	427	377	614	---	---
1974-75	902	732	1226	---	---
1975-76	779	720	1370	---	---
1976-77	813	763	1378	---	---
1977-78	855	805	1420	---	---
1978-79	909	858	1440	---	853
1979-80	1222	1134	1732	---	976
1980-81	1507	1317	2019	---	1224
1981-82	1729	1542	2130	---	1414
1982-83	1833	1634	2210	---	1477
1983-84	1853	1651	2226	---	1477
1984-85	2086	1808	2382	---	1698
1985-86	2350	2110	2736	---	1928
1986-87	2517	2285	2915	---	2072
1987-88	2600	2380	3107	---	2180
1988-89	2886	2654	3368	---	2246
1989-90	3280	2820	3690	---	2505
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

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 Indian Petro Chemicals Corporation Ltd.

TABLE - 32

DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION OF RUBBER
(Consumption in tonnes)

(Consumption in tonnes)										
1970-71					1975-76					
Consumption Group	No. of Manufacturers	CONSUMPTION			Total	No. of Manufacturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	847	2168	445	173	2786	1097	5133	671	486	6290
B	280	5862	1210	415	7487	503	12127	1819	1030	14976
C	62	3407	1173	399	4979	135	9178	1597	628	11403
D	68	9577	3270	1666	14513	84	13425	3646	2168	19239
E	13	6138	1802	1953	9893	10	4830	824	1450	7104
F	11	60085	25280	9742	95087	15	80999	23895	13580	118474
Total	1281	87363	33160	14348	134745	1844	125692	32452	19342	177486

1985-86										
Consumption Group	No. of Manufacturers	CONSUMPTION			Total	No. of Manufacturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	1686	4202	597	496	5295	1955	7951	1386	774	10081
B	817	17016	2831	2116	21963	1318	25805	4108	3792	33705
C	159	9944	2901	2431	15276	241	14356	4951	3030	22337
D	112	17783	5834	3830	27447	201	32821	13340	5157	51318
E	18	9674	2731	1771	14176	21	8263	4106	3203	15572
F	24	115011	32156	16206	163373	33	148244	42174	22259	212677
Total	2826	173630	47050	26850	247530	3769	237440	70035	38215	345690

Note : Regarding Consumption Group, see page 52.

TABLE - 32(Contn.)

Consumption Group	1990-91					1995-96				
	No. of Manuf- cturers	CONSUMPTION			Total	No. of Manuf- cturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	2686	11023	3199	1625	15847	2421	13025	2400	1716	17141
B	1639	38447	11043	5724	55214	2184	50100	9578	7076	66754
C	335	19062	5810	3503	28375	489	32485	6763	5805	45053
D	291	56490	18640	10570	85700	380	70324	23782	19737	113843
E	34	18892	4731	1840	25463	51	29005	4275	3731	37011
F	43	220396	61312	29238	310946	47	330526	87287	27710	446523
Total	5028	364310	104735	52500	521545	5572	525465	134085	65775	725325

Consumption Group	1996-97					1997-98				
	No. of Manuf- cturers	CONSUMPTION			Total	No. of Manuf- cturers	CONSUMPTION			Total
		Natural	Synthetic	Reclaimed			Natural	Synthetic	Reclaimed	
A	2412	13713	2693	1538	17944	2406	14103	3332	1684	19119
B	2206	56118	10864	7089	74071	2211	57718	13440	7759	78917
C	504	33495	7013	5810	46318	509	34224	8676	5909	48809
D	368	77442	24962	18391	120795	370	79649	30881	20129	130659
E	49	25135	5158	3381	33674	51	28272	5786	3069	37147
F	49	355862	92120	30376	478358	48	357854	98800	31515	488169
Total	5588	561765	142810	66585	771160	5595	571820	160915	70095	802820

Note : Regarding Consumption Group, see page 52.

TABLE - 32(Contn.)

Consumption Group	No. of Manufacturers	1998-99				No. of Manufacturers	1999-00			
		CONSUMPTION					CONSUMPTION			
		Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed	Total
A	2365	13925	2681	1532	18138	2088	11451	2184	1121	14756
B	2132	60224	10076	5392	75692	2182	61920	10896	5831	78647
C	505	34391	8262	5583	48236	523	35424	8510	5751	49685
D	387	90147	26920	16689	133756	403	91163	29678	17627	138468
E	54	30573	6510	1485	38568	47	25881	5748	1995	33624
F	51	362285	101946	32414	496645	60	402271	110204	31125	543600
Total	5494	591545	156395	63095	811035	5303	628110	167220	63450	858780

Consumption Group	No. of Manufacturers	2000-01				No. of Manufacturers	2001-02p			
		CONSUMPTION					CONSUMPTION			
		Natural	Synthetic	Reclaimed	Total		Natural	Synthetic	Reclaimed	Total
A	1967	11250	2528	1110	14868	1991	11494	2637	926	15057
B	2039	62995	12827	5277	81099	1996	65875	14797	4901	86573
C	549	36812	10354	5024	52190	596	40522	10900	5133	56555
D	394	88520	30015	20481	140016	374	88017	34027	18362	140406
E	56	33631	4768	1095	39694	45	26317	3917	1607	31841
F	57	397067	110178	29273	536518	64	405985	108252	32946	547183
Total	5066	638210	174530	63875	876615					

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	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
Kerala	391	599	816	947	994	1021	1026	974	891	908	854
Maharashtra	373	468	569	613	627	629	617	623	612	624	578
Punjab*	339	371	538	623	608	611	593	552	554	539	522
Tamil Nadu	212	326	491	537	533	545	523	506	502	503	486
West Bengal	351	413	484	512	531	508	506	484	447	437	435
Uttar Pradesh	249	352	504	486	485	475	464	450	438	439	439
Gujarat	191	262	304	414	427	432	422	395	378	377	381
Delhi	274	326	377	358	333	309	306	297	276	242	220
Haryana	181	213	252	305	298	313	315	311	289	307	324
Karnataka	90	162	221	253	252	258	249	249	229	219	203
Andhra Pradesh	80	107	158	174	173	161	157	140	139	155	160
Madhya Pradesh	24	46	85	96	92	91	91	91	88	86	82
Rajasthan	19	44	66	105	105	98	93	92	87	99	111
Bihar	29	30	47	37	38	34	33	33	34	28	27
Goa	6	12	24	19	20	31	24	28	25	31	33
Orissa	10	17	19	17	17	16	16	16	14	13	13
Himachal Pradesh	3	9	12	13	12	8	7	8	6	10	8
Assam	2	3	3	4	4	6	6	5	6	7	8
Others	2	9	48	59	59	49	46	49	47	44	47
Total	2826	3769	5028	5572	5588	5595	5494	5303	5062	5066	4931

* Includes Chandigarh.

Chart 8
NUMBER OF RUBBER GOODS MANUFACTURERS

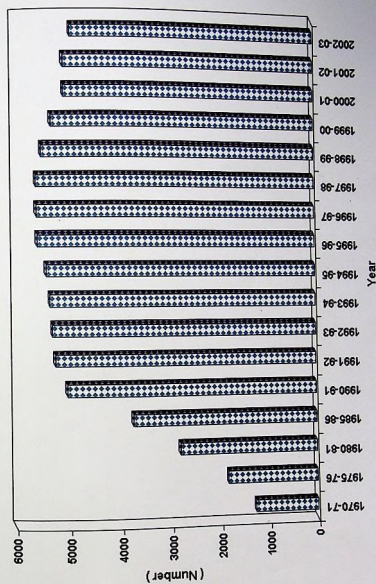




TABLE-34

PRODUCTION OF TYRES

(000 nos)

Year	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
Truck & Bus	5258	5498	6289	6591	7309	7696	8095	8058	7913	8969	8612	8474
Tractor	1373	1460	1625	1881	2103	2325	2083	2074	2147	2400	2315	2255
Car	2472	2100	2304	2902	3283	3324	3888	4263	4571	6054	6813	7481
Jeep	596	508	603	664	780	881	1098	1342	1247	1283	1155	1247
LCV	870	746	902	1112	1133	1177	1833	1903	1917	1980	2108	2352
Motor Cycles	1951	1780	1907	3000	3410	3788	4457	5582	7277	9275	11196	12275
Scooter	4486	4482	4590	6566	8791	9853	9545	9577	10975	10140	9385	8547
Moped	555	689	1122	689	771	833	795	400	234	516	119	135
A.D.V	489	602	550	737	759	673	581	528	593	589	511	488
OTR	32	31	39	37	39	36	30	37	37	36	38	46
Aero	15	8	8	14	18	7	0	0	0	0	0	0
Industrial	8	19	32	75	89	95	66	143	137	172	219	214
Total	18075	17933	19951	24268	28485	30688	32471	33907	37048	41414	42471	43514

Source: Automotive Tyre Manufacturers' Association, New Delhi.

TABLE-35

PRODUCTION OF TUBES

(000 nos)

Year	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
Truck & Bus	4237	4049	4181	4224	4533	4923	5961	6503	6781	7382	7465	7281
Tractor	826	904	890	816	755	995	953	1088	1221	1259	1108	925
Car	2156	1851	1978	2382	2336	2604	3061	3518	3563	3949	4322	4277
Jeep	430	417	477	447	471	653	811	1153	1133	1046	939	972
LCV	693	670	743	764	741	969	1323	1422	1416	1614	1758	1835
Motor Cycles	1412	1249	1523	1824	2114	2574	3290	5272	6507	7771	9772	11372
Scooter	2215	1863	2034	2073	2908	4375	4526	5369	6903	5753	5531	5122
Moped	398	530	707	268	508	561	630	208	224	564	223	151
A.D.V	377	420	296	312	289	259	250	234	295	268	259	216
OTR	16	12	12	14	11	16	4	8	9	12	9	13
Aero	1	1	2	3	5	1	0	0	0	0	0	0
Industrial	7	13	27	31	39	30	24	42	29	33	48	61
Total	12768	11979	12870	13158	14720	17960	20833	24817	28081	29651	31434	32235

Source: Automotive Tyre Manufacturers' Association, New Delhi.

TABLE - 36

PRODUCTION OF VEHICLES

(In numbers)

Year	Commercial vehicles	Tractors	Cars	Jeeps	Motor Cycles	Scooters	Wheeler	Mopeds	Total
1981-82	93355	82360	42475	17867	115304	223550	25801	207222	807944
1982-83	87758	62597	43558	20234	135810	264540	31881	232115	878493
1983-84	90069	74216	46901	21681	163290	276433	38575	336881	1051046
1984-85	96004	81821	76090	23208	187147	314748	43508	396053	1218579
1985-86	100432	73456	102804	27961	267107	461860	48947	461860	1545537
1986-87	99153	79073	125866	28784	302520	642038	54566	449698	1781688
1987-88	110100	88597	151875	32036	335679	588734	61112	511699	1880832
1988-89	116447	107183	165798	35754	429017	725305	79361	482001	2140866
1989-90	125051	117690	179278	44309	417401	874992	83752	439293	2281766
1990-91	144591	138538	181821	37369	470339	910315	89162	440092	2412227
1991-92	143171	148123	166399	37530	430786	768420	76750	406804	2171973
1992-93	128111	147927	163302	39176	384080	705870	65484	413353	2047283
1993-94	141476	137608	207658	48836	461955	833083	91524	460451	2383591
1994-95	194799	163059	264468	48675	647521	1030803	128895	516936	2996156
1995-96	259130	191311	347800	67643	809097	1225895	161679	623114	3685669
1996-97	237254	225525	407539	134594*	988709	1322928	221679	668666	4206894
1997-98	160964	256258	401002	136193*	1125958	1279549	234867	667242	4260453
1998-99	135823	258850	390365	113440*	1387275	1315055	209033	672167	4476999
1999-00	175281	257112	574369	124310*	1794093	1259408	205543	724510	5114626
2000-01	152054	248079	517907	125838	2183430	879759	203234	694974	5003375
2001-02*	146203	208618	564113	123763	2981906	870213	212753	492425	5579994

* - include multi-utility vehicles which was earlier included in LCV's.

Source: Automotive Component Manufacturers' Association of India, New Delhi.

TABLE - 37

REGISTERED MOTOR VEHICLES IN INDIA

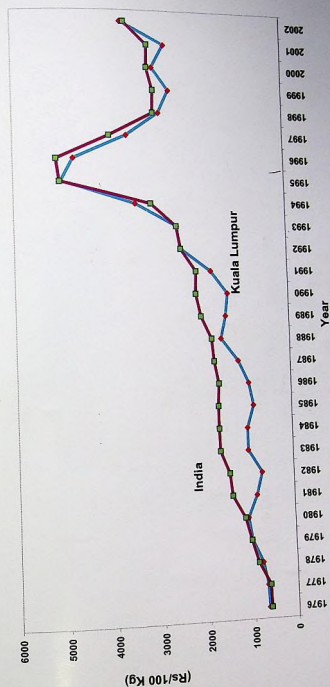
(in '000 numbers)

Year	Two wheelers	Cars, Jeeps & taxis	Buses	Trucks	**Others	Total
1975-76	1057	779	115	351	398	2700
1980-81	2618	1160	162	554	897	5391
1981-82	3065	1243	173	613	961	6055
1982-83	3654	1385	185	675	1074	6973
1983-84	4351	1455	199	742	1202	7949
1984-85	5179	1607	223	822	1339	9170
1985-86	6245	1780	227	863	1462	10577
1986-87	7739	2007	245	984	1643	12618
1987-88	9300	2295	269	1114	1840	14818
1988-89	10965	2486	278	1179	2012	16920
1989-90	12611	2694	298	1238	2311	19152
1990-91	14200	2954	331	1356	2533	21374
1991-92	15661	3205	358	1514	2769	23507
1992-93	17183	3361	364	1603	2984	25505
1993-94	18899	3569	392	1691	3109	27660
1994-95	20831	3841	423	1794	3406	30295
1995-96	23252	4204	449	2031	3847*	33783
1996-97	25693	4662	488	2260	4128*	37231
1997-98	28342	5056	535	2529	4128	40590
1998-99	33321	6314	540	2581	5245	48001
2000-01	36377	6942	560	2831	5631	52341
2001-02p	39962	7548	574	2868	5868	56818

1998-99 figures not available

* :- Excludes light commercial vehicles, which is included in trucks, ** :- Others include Tractors, Trailers and Three wheelers.
Source: Automotive Component Manufacturers' Association of India (ACMA), New Delhi.

Chart - 15
PRICE OF NATURAL RUBBER
IN INDIAN AND INTERNATIONAL MARKETS



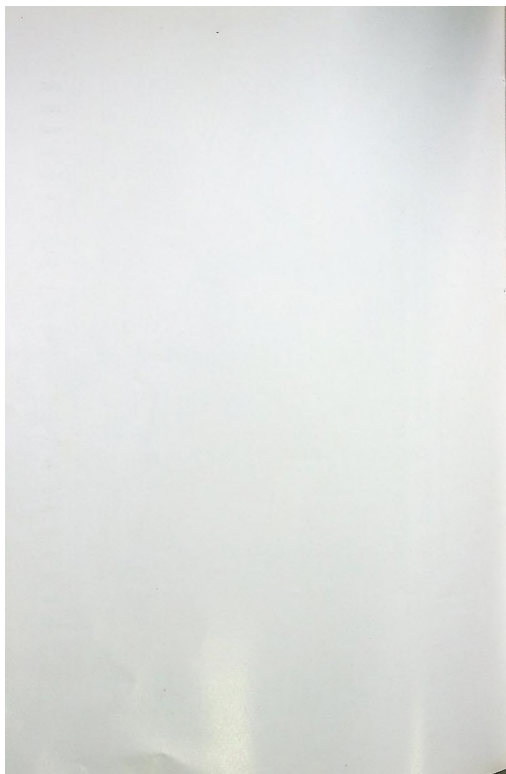
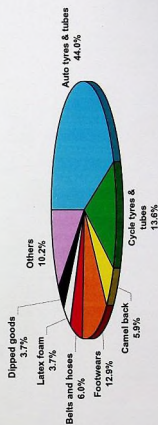


Chart 9
TOTAL CONSUMPTION OF RUBBER
ACCORDING TO END PRODUCTS - 2001-2002



CONSUMPTION OF NR ALONE

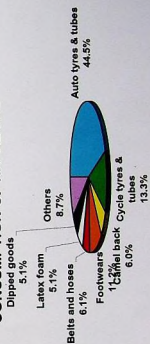




TABLE - 38

CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS

(Tonnes)

Products	1980-81			1985-86			1990-91		
	NR	SR	RR	NR	SR	RR	NR	SR	RR
1. Auto tyres & tubes*	87295	26598	6061	119954			161578	52935	7607
2. Cycle tyres & tubes	20684	5346	7860	33870			50180	10929	16344
3. Camel back	9130	2484	2005	13619			25440	5414	3498
4. Footwears	17800	6051	3214	27065			37574	19251	6819
5. Belts and hoses	11812	2034	1885	15731			25583	7194	3610
6. Latex foam	5753	--	--	5753			19598	--	--
7. Cables and wires	779	435	136	1350			1252	1154	590
8. Battery boxes	485	778	3220	4483			1265	2038	8235
9. Dipped goods	4945	--	--	4945			15578	--	--
10. Others	14967	3324	2469	20760			26262	5820	5797
Total	173630	47050	26850	247530	237440	70035	364310	104735	52500
									521545

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

TABLE - 38(Contin.)

Products	1995-96			1997-98			1998-99					
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	245654	74926	8859	329439	259272	85554	9482	354308	262383	85126	9508	357017
2. Cycle tyres & tubes	66358	11778	21519	99655	77687	16485	23275	117447	81771	15583	20448	117802
3. Camel back	32316	6503	4002	42821	33575	8367	4310	46252	36901	8195	3462	48558
4. Footwears	52003	23541	8513	84057	59807	29610	9180	98597	62912	28907	8065	99884
5. Belts and hoses	35838	7107	4519	47464	37720	7446	4539	48705	37064	6890	4050	48024
6. Latex foam	28633	--	--	28633	29729	--	--	29729	31352	--	--	31352
7. Cables and wires	1494	1372	862	3728	1586	1628	920	4134	1656	1637	820	4113
8. Battery boxes	1784	2387	10318	14489	1793	2779	10710	15282	1934	2550	10157	14541
9. Dipped goods	24947	--	--	24947	26708	--	--	26708	28103	--	--	28103
10. Others	36438	6471	7183	50092	43943	9046	7669	60658	47549	7507	6585	61641
Total	525465	134085	65775	725325	571820	160915	70085	802820	591545	156395	63095	811035

TABLE - 38(Contn.)

Products	1999-00			2000-01			2001-02p					
	NR	SR	RR	Total	NR	SR	RR	Total	NR	SR	RR	Total
1. Auto tyres & tubes*	230196	93222	10515	393933	285275	94066	10210	389551	284136	91150	9956	385242
2. Cycle tyres & tubes	81654	15333	19517	116504	82592	15245	18283	116120	84478	16085	19036	119577
3. Camel back	37601	8568	3837	50004	38104	8815	3924	50843	38446	9105	4014	51565
4. Footwears	68013	30601	7916	106530	70547	31555	7832	109934	71479	34201	7805	113485
5. Belts and hoses	39089	7307	3910	49306	38220	7934	3922	50076	39195	9170	4302	52667
6. Latex foam	31762	--	--	31762	31620	--	--	31620	32536	--	--	32536
7. Cables and wires	1684	1680	815	4159	1719	1684	824	4227	1741	1687	815	4243
8. Battery boxes	1862	2705	9885	14452	1865	2691	9675	14231	1901	2684	9681	14266
9. Dipped goods	29898	--	--	29898	32081	--	--	32081	32381	--	--	32381
10. Others	47351	7626	7055	62232	49452	8680	7590	65722	51919	10468	8266	70653
Total	628110	167220	63450	858780	631475	170670	62260	864405	638210	174530	63875	876615

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

TABLE - 39

VALUE OF RUBBER PRODUCTS EXPORTED

(Value in million Rs.)

Products	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02*
1. Automobile tyres and tubes including tyre retreading materials	85.14	131.53	470.00	1826.00	7176.80	7944.20	9043.9	8109.69	8638.23	11647.53	11655.44
2. Beltings	8.88	42.80	395.00	241.00	369.42	578.75	539.87	684.99	602.46	968.27	1063.45
3. Cycle tyres and tubes	9.89	25.88	10.00	120.00	807.44	711.85	740.81	1082.85	1227.86	2100.14	2072.13
4. Hoses	2.73	8.23	65.00	77.00	71.18	88.47	90.71	168.10	145.20	228.69	402.66
5. Hygienic, medical & surgical articles	2.40	20.94	7.07	139.00	1288.41	1477.25	1338.78	1578.36	1366.77	1889.21	1489.96
6. Rubber footwear	1.36	3.66	5.00	7.50	84.30	90.90	103.2	--	--	--	--
7. Rubber-soled footwear with canvas upper	21.74	41.77	45.00	112.00	134.20	175.60	312.5	747.80*	611.95*	873.16*	1244.12*
8. Rubber coats & aprons for textile industry	0.85	3.94	7.10	11.00	52.28	59.83	83.37	92.60	103.48	154.29	158.49
9. Rubber sheetings	0.80	0.63	5.00	7.20	147.74	172.86	227.57	354.12	576.77	683.38	587.85
10. Others	11.54	34.22	60.83	89.80	821.15	973.29	929.27	1518.39	1804.93	2446.63	2955.92
Total	145.33	313.60	1070.00	2630.50	10952.92	12273.00	13410.00	14336.90	15077.65	21001.30	21650.02

* - including rubber footwear.

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

Chart 10
VALUE OF RUBBER PRODUCTS EXPORTED
(Million Rs.)

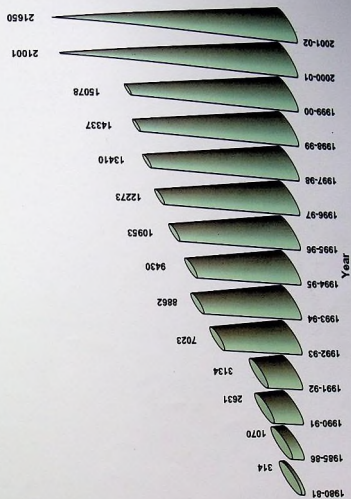




TABLE - 40

QUANTITY AND VALUE OF RUBBER PRODUCTS IMPORTED

(Value in '000 Rs)

Products	Unit	1975-76		1980-81	
		Quantity	Value	Quantity	Value
1. TYRES					
Aircraft	Nos.	2252	3056	1167	4149
Cycle	"	--	--	--	--
Motor car, Truck & Bus	"	1589	812	1864	2370
Tractor and other OTR	"	9184	5537	2318	6350
Motor cycles & Scooters	"	81	4	1	1
Solid/Cushion tyres					
Interchangeable tyre treads	Tonnes	453	7198	612	1359
Others	Nos.	2849	702	16854	5583
Total			17309		19812
2. TUBES					
Aircraft	Nos.	4538	489	4	16
Cycle	"	--	--	30	3
Motor car, Truck and Bus	"	444	23	5	3
Tractor and other OTR	"	2239	385	365	107
Motor cycle	"	--	--	--	--
Others	"	2420	245	995	339
Total			1142		468
3. FLAPS					
	Nos.	17	8	5	2
4. HYGIENIC & PHARMACEUTICALS					
Contraceptives	Million Nos.	0.6	70	0.5	636
Others	Nos.	108	4	5521	507
5. BELTING					
Conveyor	Tonnes	1077	28580	212	10573
Others	"	53	2260	178	19268
6. TEXTILE FABRICS COATED WITH RUBBER, LEATHER etc.					
	Kg.	--	--	62329	8008
7. LATEX FOAM SPONGE					
	"	27000	738	22683	206
8. HOSES					
	"	230633	6851	124086	10438
9. EBONITE					
	"	1024	59	26128	933
10. OTHER VULCANISED SHEETS					
	Tonnes	37	1029	56817	2212
11. OTHER ARTICLES OF RUBBER					
			13075		96473
Grand Total			71125		169536

TABLE-40(Contn.)

Products	Unit	1984-85		1986-87	
		Quantity	Value	Quantity	Value
1. TYRES					
Aircraft	Nos.	153	670	102	837
Cycle	"	--	--	--	--
Motor car, Truck & Bus	"	2207	4552	2610	16657
Tractor and other OTR	"	135	1831	307	6465
Motor cycles & Scooters	"	1	1	--	--
Solid/Cushion tyres					
Interchangeable tyre treads	Tonnes	19	660	255	8935
Others	Nos.	3386	4397	2917	8675
Total			12111		41569
2. TUBES					
Aircraft	Nos.	--	--	--	--
Cycle	"	--	--	--	--
Motor car, Truck and Bus	"	--	--	115	262
Tractor and other OTR	"	--	--	--	--
Motor cycle	"	--	--	--	--
Others	"	417	95	--	--
Total			95		262
3. FLAPS	Nos.	69	152	7	44
4. HYGIENIC & PHARMACEUTICALS					
Contraceptives	Million Nos.	3	985	5	2980
Others	Nos.	108012	8648	71045	9659
5. BELTING					
Conveyor	Tonnes	162	70729	365	26743
Others	"	91	23444	970	78941
6. TEXTILE FABRICS COATED					
WITH RUBBER, LEATHER etc.	Kg.	273778	24140	530316	43180
7. LATEX FOAM SPONGE	"	11577	879	35216	1045
8. HOSES	"	771843	74851	650151	69515
9. EBONITE	"	25663	1965	49618	1242
10. OTHER VULCANISED SHEETS	Tonnes	--	--	112	4525
11. OTHER ARTICLES OF RUBBER			195347		343789
Grand Total			413346		623494

TABLE-40(Contn.)

Products	Unit	1988-89		1990-91	
		Quantity	Value	Quantity	Value
1. TYRES					
Cycle	"	--	--	--	--
Motor car, Truck & Bus	"	3717	15619	6879	24522
Tractor and other OTR	"	257	7060	524	28941
Motor cycles & Scooters	"	--	--	--	--
Solid/Cushion tyres					
Interchangeable tyre treads	Tonnes	344	5016	--	--
Others	Nos.	9573	25854	3865	57248
Total			63021		129477
2. TUBES					
Aircraft	Nos.	--	--	7	14
Cycle	"	--	--	--	--
Motor car, Truck and Bus	"	750	35	8	11
Tractor and other OTR	"	--	--	--	--
Motor cycle	"	--	--	--	--
Others	"	347	247	696	364
Total			282		389
3. FLAPS	Nos.	--	--	85	11
4. HYGIENIC & PHARMACEUTICALS					
Contraceptives	Million Nos.	105	61048	74	53463
Others	Nos.	68639	7743	14547	4606
5. BELTING					
Conveyor	Tonnes	229	36926	36	7566
Others	"	189	34212	235	71283
6. TEXTILE FABRICS COATED WITH RUBBER, LEATHER etc.	Kg.	4971	1766	6903	1344
	"	66	13	3820	472
7. LATEX FOAM SPONGE	"	131080	46277	368069	66115
8. HOSES	"	13039	2680	300	158
9. EBONITE	"	186156	17195	--	--
10. OTHER VULCANISED SHEETS	Tonnes		248430		657356
11. OTHER ARTICLES OF RUBBER					
Grand Total			519593		992240

TABLE-40(Contn.)

Products	Unit	1994-95		1996-97		1998-99	
		Quantity	Value	Quantity	Value	Quantity	Value
1. TYRES							
Aircraft	Nos.	1638	22474	2644	34090	1319	24382
Cycle	"	236800	12385	310301	14701	202256	13985
Motor car, Truck & Bus	"	37721	39750	46781	101288	265599	277674
Tractor and other OTR	"	1314	84402	3452	337215	8830	293795
Motor cycles & Scooters	"	10487	3633	10469	4551	20126	10908
Solid/Cushion tyres							
interchangeable tyre tre	"	543	7167	27*	8253	57*	15214
Others	"	10921	108128	19904	140418	29544	258988
Total			277939		640516		894946
2. TUBES							
Aircraft	Nos.	55	85	11	16	252	2252
Cycle	"	295547	6422	72650	1733	115751	3667
Motor car, Truck and Bu	"	39	11	40264	2703	19436	7407
Tractor and other OTR	"	12	7	6611	274	--	--
Motor cycle	"	--	--	--	--	8286	857
Others	"	1394	2429	18778	5655	57820	16645
Total			8954		10381		30828
3. FLAPS							
	Nos.	230	135	11*	4150	13*	2067
4. HYGIENIC & PHARMACEUTICALS							
Contraceptives	Million N	46	40657	79*	25878	91*	41955
Others	Nos.	1103	346	106*	34701	48*	12487
5. BELTING							
Conveyor	Tonnes	255	47647	624	151840	466	219187
Others	"	483	216306	90	251397	896	421148
6. LATEX FOAM SPONGE							
	"	5	1680	9	1400	97	9439
7. HOSES							
	"	21	6473	58	14769	84	35106
8. EBONITE							
	"	64	3470	212	1446	7	1013
9. VULCANISED RUBBER							
THREAD & CORD	"	1429	108803	529	62151	647	50457
10. OTHER ARTICLES OF RUBBER							
			1331878		2144065		3781258
Grand Total			2044288		3342694		5499891

*: Tonnes

TABLE-40(Contn.)

Products	Unit	1999-00		2000-01		2001-02p	
		Quantity	Value	Quantity	Value	Quantity	Value
1. TYRES							
Aircraft	Nos.	1050	19827	1765	27604	7411	59334
Bicycles	"	175433	26633	25711	12855	51209	16393
Motor car, Truck & Bus	"	182625	198215	172203	195916	127339	166037
Tractor and other OTR	"	4955	180369	4088	226950	6783	278101
Motor cycles & Scooters	"	10882	8976	15558	9333	14809	10519
Solid/Cushion tyres							
Interchangeable tyre treads	Tonnes	113	24725	76	19811	80	16453
Others	Nos.	32072	249295	12643	110458	137605	123318
Total			708040		602627		670155
2. TUBES							
Aircraft	Nos.	3021	2156	2060	3197	20125	6924
Bicycles	"	19500	516	6492	277	25541	1017
Motor car, Truck and Bus	"	24741	3728	3903	2559	5874	4180
Tractor and other OTR	"	--	--	94	139	98	240
Motor cycle	"	1200	125	945	93	4945	877
Others	"	5828	5670	15418	7302	3911	2482
Total			12195		13567		15720
3. FLAPS							
	Tonnes	13	4112	24	6196	64	6309
4. HYGIENIC & PHARMACEUTICALS							
Contraceptives	Tonnes	12	7788	7	7643	96	44016
Others	"	53	16646	107	29716	128	36552
5. BELTING							
Conveyor	"	989	264617	326	179532	1200	507536
Others	"	933	364516	1033	373318	921	386263
6. LATEX FOAM SPONGE							
	"	29	3253	123	13650	111	18999
7. HOSES							
	"	347	114389	384	134583	411	171300
8. EBONITE							
	"	24	3525	45	14783	76	17049
9. VULCANISED RUBBER							
THREAD & CORD	"	749	54219	374	34769	443	70540
10. OTHER ARTICLES OF RUBBER							
			3849047		4492777		4514544
Grand Total			5402347		5903161		6458983

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

TABLE -41

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

State/Territory	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03*
Kerala	1756	3041	3499	6439	8304	8666	9453	9320	9281	9250	8417	8620
Tamil Nadu	75	230	140	192	214	212	223	220	223	213	182	195
Punjab	39	63	68	123	217	218	214	189	182	176	153	157
Delhi	63	112	115	161	181	171	168	147	148	144	126	120
West Bengal	45	38	67	81	185	103	103	90	85	86	75	76
Uttar Pradesh	10	35	40	59	88	83	79	81	85	83	72	67
Madhya Pradesh	30	96	62	71	99	97	102	103	106	90	93	95
Karnataka	8	15	22	51	104	113	124	117	117	118	106	115
Haryana	0	0	17	34	46	45	43	44	43	42	39	38
Tripura	0	5	2	12	79	107	138	139	125	120	105	113
Gujarat	7	8	21	28	28	28	34	34	36	36	36	42
Goa	1	9	6	21	15	15	12	8	7	5	5	4
Madhya Pradesh	0	1	0	3	14	15	12	15	18	18	19	22
Rajasthan	0	0	2	12	15	15	17	21	24	26	23	24
Assam	0	0	0	3	15	15	13	15	18	18	19	22
Andaman & Nicobar	0	0	2	5	8	8	9	8	8	7	3	3
Nagaland	0	0	0	2	4	5	6	6	9	13	12	14
Bihar	0	1	1	3	4	6	6	6	7	6	5	4
Andhra Pradesh	1	4	2	4	4	2	3	1	2	3	4	6
Orissa	0	0	1	1	2	3	2	2	1	1	1	1
Goa	0	0	0	0	1	1	2	2	2	1	2	1
Daman & Diu	0	0	0	0	1	1	1	1	1	1	0	0
Jammu & Kashmir	1	1	0	0	0	1	1	1	1	1	0	0
Himachal Pradesh	1	1	0	0	0	1	2	1	1	1	0	0
Pondicherry	0	0	0	0	1	2	2	2	2	2	3	3
Nagaland	0	0	0	0	0	0	0	0	1	1	1	2
Grand Total	2036	3641	4044	7280	9533	10117	10756	10559	10514	10482	9492	9722

* Including Chandigarh.

TABLE - 42

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

District	1975-76	1980-81	1985-86	1990-91	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
Thiruvananthapuram	60	155	197	477	699	786	870	885	869	869	758	768
Kollam	344	532	329	771	964	1014	1110	1127	1135	1146	1062	1134
Pathanamthitta	0	0	323	857	1106	1233	1256	1203	1148	1175	1022	1069
Alappuzha	38	47	9	37	115	122	130	124	130	133	132	151
Kottayam	767	1306	1431	2033	2345	2467	2563	2543	2536	2523	2308	2304
Idukki	86	155	239	324	434	457	473	452	458	457	418	409
Ernakulam	212	392	510	1005	1188	1222	1295	1259	1262	1241	1124	1105
Thrissur	19	26	30	84	152	147	162	155	162	168	159	163
Palakkad	17	38	47	113	235	280	314	328	323	326	315	350
Malappuram	42	64	88	226	320	369	415	410	415	419	385	408
Kozhikode	73	137	98	164	197	214	227	217	215	220	188	191
Wynad	0	0	25	35	52	54	68	72	71	61	59	57
Kannur	78	189	156	262	403	391	423	428	454	449	395	423
Kasaragod	0	0	17	51	94	110	127	117	113	103	92	88
Total	1756	3041	3499	6439	8304	8866	9453	9320	9281	9290	8417	8620

TABLE - 43

CLASSIFICATION OF LICENSED DEALERS ACCORDING TO THEIR PURCHASE

(In Numbers)

Purchase range in tonnes	1970-71	1975-76	1976-77	1977-78	1978-79	1981-82	1983-84	1985-86	1987-88	1991-92	1994-95	1996-97	2000-01
0 - 10	1022	756	753	874	1352	1603	1425	1724	3134	3384	3899	3826	5302
11 - 25	227	324	345	371	402	519	536	507	618	915	989	1618	1403
26 - 50	148	287	329	377	376	433	492	517	599	982	1041	1412	1057
51 - 100	115	203	287	288	317	371	416	435	511	776	800	1272	955
101 - 250	124	214	283	277	352	371	404	451	510	794	822	1042	883
251 - 500	77	106	141	160	155	185	195	177	212	243	311	453	384
501 - 1000	47	94	98	99	94	109	110	117	128	145	225	268	246
Above 1000	30	52	80	79	87	79	90	116	96	146	208	226	272
Total	1790	2036	2316	2525	3135	3670	3668	4044	5808	7365	8295	10117	10482

TABLE - 44

AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS

Year	Numbers	Year	Numbers
1967	135104	1985	227780
1968	139795	1986	235351
1969	144423	1987	244477
1970	146591	1988	257742
1971	147902	1989	271601
1972	148040	1990	282674
1973	150909	1991	293108
1974	154214	1992	304618
1975	157754	1993	310800
1976	162661	1994	315900
1977	168475	1995	322300
1978	176925	1996	328900
1979	184320	1997	335450
1980	192578	1998	341320
1981	199775	1999	345200
1982	206790	2000	347700
1983	212613	2001	348700
1984	220434	2002	354300

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

TABLE - 45
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
1986-87	94.19	3.94	2.90	8.16	109.19
1987-88	111.60	4.38	3.01	8.31	127.30
1988-89	126.68	5.56	2.75	10.83	145.82
1989-90	141.60	5.39	3.82	13.50	164.31
1990-91	147.34	4.62	3.99	10.03	165.98
1991-92	168.15	5.73	3.65	12.18	189.71
1992-93	180.48	5.82	5.01	13.69	205.00
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	489.97	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
2001-02p	811.37	8.33	5.27	118.28	943.25

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

TABLE - 46

SCHEMEWISE EXPENDITURE OF THE RUBBER BOARD

(In Rupees Million)

Scheme	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
1. Rubber plantation development scheme (newplanting and replanting)	118.96	111.18	104.22	87.55	126.85	115.20	111.78
2. Infrastructure development in non-traditional areas	10.02	7.17	15.48	20.02	19.66	27.61	25.88
3. Extension training and supplies*	6.44	4.97	11.16	13.90	16.68	23.12	18.14
4. Maintenance of nurseries and distribution of planting materials	3.81	4.86	5.46	5.57	7.40	4.59	5.20
5. Processing, marketing and product development	7.55	8.21	9.23	11.68	10.16	12.61	12.41
6. Research	24.40	24.91	29.66	37.51	41.86	47.35	52.10
7. Special component plan and tribal subplan	3.74	8.67	13.38	11.15	6.85	11.28	10.76
8. Labour welfare	1.33	1.51	1.99	2.30	2.28	4.13	4.08
9. Construction of administrative building, residential building etc.	6.61	3.03	1.85	5.37	8.48	10.27	13.92
10. Operational expenses for schemes 1,3,4 & 7	22.06	25.61	25.81	28.04	29.92	39.13	46.78
11. General administration	10.15	11.21	12.74	14.36	14.81	17.49	19.96
Total - Plan	155.20	147.47	166.55	161.48	210.23	233.41	228.04
- Non plan	64.11	71.65	71.57	83.80	83.23	88.19	102.20
Grand Total	219.31	219.12	238.12	245.28	293.46	321.60	330.24

TABLE - 46 (contn.)

Scheme	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02p
1. Rubber plantation development scheme (newplanting and replanting)	115.34	103.80	107.63	116.20	141.4	174.76	197	111.58	136.30
2. Infrastructure development in non-traditional areas	34.58	25.01	22.14	27.80	30.33	39.04	36.63	42.39	49.10
3. Extension, training and supplies*	17.01	71.07	109.44	117.90	113.24	174.87	146.83	116.56	43.50
4. Maintenance of nurseries and distribution of planting materials	5.94	6.04	7.20	10.27	11.91	9.15	9.12	14.00	7.61
5. Processing, marketing and product development	16.09	13.16	24.59	30.05	81.80	78.17	171.87	136.68	58.60
6. Research	64.05	53.16	65.89	82.89	97.05	93.42	105.82	107.54	144.61
7. Special component plan and tribal subplan	13.47	23.02	21.48	32.38	32.32	26.78	36.64	66.14	39.36
8. Labour welfare	6.59	9.43	10.09	10.21	10.66	11.18	10.81	12.07	12.18
9. Construction of administrative building, residential building etc.	10.76	6.78	6.53	6.65	7.03	5.72	2.98	2.02	7.69
10. Operational expenses for schemes 1,3,4, & 7	50.95	58.79	72.55	88.77	128.87	119.37	139.07	197.68	181.95
11. General administration	21.82	24.02	30.62	31.89	42.71	50.54	50.73	52.00	56.38
Plan	253.36	293.84	355.00	420.90	599.26	709.69	799.17	757.78	616.33
Non plan	113.06	109.70	133.75	143.35	108.15	122.60	128.39	123.08	145.52
Grand Total	366.42	403.54	488.75	564.25	707.41	832.29	927.56	880.86	761.85

* From 1993-94 onwards includes gross expenditure on Productivity Enhancement Scheme. Subsidy portion of this Scheme is only 5 to 12 % and the balance is recoverable.

Note : Totals include contribution to Pension Fund, advance to staff bearing interest and expenditure on official language implementation.

TABLE - 47

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

(In Numbers)

Year	Tjir 1 Clonal Seeds	Tjir 1 Clonal Seedlings	Indigenous Poly Clonal Seedlings	GG1 & GG2 Seedlings	PBIG, GG1 & GG2 Seedlings	Budded Stumps	Green budded Stumps	Budwood *	Poly bagged Plants
1963	2788850	356635	---	---	5320	31012	---	560	---
1964	2641345	253777	---	---	93990	82964	---	3704	---
1965	4195000	202270	---	---	172403	63215	---	2890	---
1966	3743745	289285	---	---	168409	62478	---	---	---
1967	8244751	54500	---	---	155002	73533	---	1707	---
1968	3087131	289328	14195	---	92377	101887	---	3067	---
1969	6393246	408528	10000	---	7099	198233	---	3178	---
1970	3142000	210500	88900	---	74800	390900	---	2525	---
1971	---	---	149060	---	250	446729	---	5519	---
1972	---	---	13130	---	100565	390657	---	4849	---
1973	---	---	25835	---	52898	349778	---	8999	---
1974	---	---	41285	---	---	498667	---	11346	---
1975	---	---	2600	---	---	612975	---	15190	---
1976	---	---	31055	---	---	744833	---	4442	---
1977	---	---	44963	---	---	622620	---	9340	---
1978	---	---	6090	---	---	570361	---	3099	---
1979	---	---	60565	---	---	868844	---	2482	---
1980	---	---	28980	---	---	871532	---	12014	4987
1981	---	---	81110	---	---	903668	77794	14916	551
1982	---	---	35060	---	---	768383	170733	11433	1870

TABLE - 47(Contn.)

Year	Tjir 1 Clonal Seeds	Tjir 1 Clonal Seedlings	Indigenous Poly Clonal Seedlings	PBIG, GG1 & GG2 Seedlings	Budded Stumps	Green budded Stumps	Budwood *	Poly bagged Plants
1983	49405	....	743763	109681	10148	2852
1984	1012372	137887	12510	12459
1985	848443	171880	14291	12901
1986	1003694	276664	12725	53651
1987	833430	259439	31731	.....
1988	513822	282287	22276	3509
1989	962035	7500	10394	3490
1990	1114918	107764	28100	7242
1991	623485	12000	22283	.....
1992	792823	....	7265	.....
1993	734886	165748	5962	.....
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	630666	206283	2381	.....
2001	435122	104944	34521	.....
2002p	667324	166208	47262	.....

* In Meires

Note: 1. During 1967, the Board had also distributed 53,484 germinated PBIG/GG Seeds.

2. The approval for planting Tjir 1 clonal seeds and seedlings has been withdrawn by the Board since 1971.

3. During 1978, 172851, and during 1982, 1025 stumped buddings were distributed.

TABLE - 48

RUBBER MARKETED BY THE CO-OPERATIVE SOCIETIES

Year	No. of Societies	Rubber Marketed (In Tonnes)	Year	No. of Societies	Rubber Marketed (In Tonnes)
1967-68	23	5990	1985-86	62	21036
1968-69	23	3978	1986-87	116	24651
1969-70	25	4284	1987-88	116	25781
1970-71	37	10651	1988-89	118	31246
1971-72	58	14510	1989-90	118	30413
1972-73	58	18513	1990-91	125	29285
1973-74	60	7045	1991-92	146	48665
1974-75	62	4350	1992-93	146	34260
1975-76	62	5545	1993-94	219	50719
1976-77	64	9866	1994-95	231	55934
1977-78	54	7878	1995-96	262	60000
1978-79	52	6875	1996-97	269	62000
1979-80	50	10200	1997-98	288	62900
1980-81	53	9336	1998-99	295	63480
1981-82	54	11067	1999-00	272	80494
1982-83	58	11077	2000-01	281	101923
1983-84	59	11984	2001-02	285	103611
1984-85	60	12960	2002-03p	292	120438

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

TABLE - 49

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
1965-66	33.3	65.4	45.8	56.2	61.4	29.5	60.6	68.9	63.7
1970-71	60.8	74.7	79.1	73.2	84.4	67.7	87.9	82.6	85.9
1975-76	90.9	86.9	60.3	82.5	98.0	82.0	98.8	91.9	96.2
1980-81	101.1	101.6	85.1	98.4	107.8	103.2	104.9	97.4	102.1
1985-86	132.3	117.0	87.7	114.0	128.7	133.6	123.4	113.0	119.6
1987-88	155.3	118.6	88.1	119.0	114.6	131.1	113.5	118.1	115.2
1988-89	171.1	125.0	154.7	144.1	142.1	153.6	138.9	142.8	140.0
1989-90	196.3	121.4	85.0	128.8	148.3	141.5	139.7	147.3	143.9
1990-91	217.6	132.3	122.3	144.9	149.4	156.6	143.7	156.3	148.4
1991-92	242.1	125.5	129.5	146.1	150.2	158.2	137.6	158.8	145.5
1992-93	259.8	125.5	116.2	146.6	146.5	162.5	144.3	163.7	151.5
1993-94	287.3	132.6	149.7	162.2	161.5	170.0	150.2	169.4	157.3
1994-95	311.4	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	148.1	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	168.7	189.0	176.8
2000-01	416.2	151.3	216.8	209.0	176.3	198.0	161.0	177.9	167.3
2001-02p	416.8	151.1	216.3	208.9	187.2	204.0	171.8	186.0	177.1

Source: Directorate of Economics & Statistics, Ministry of Agriculture.

CHART 11
MOVEMENT OF PRODUCTION INDICES
(BASE 1981-82 = 100)

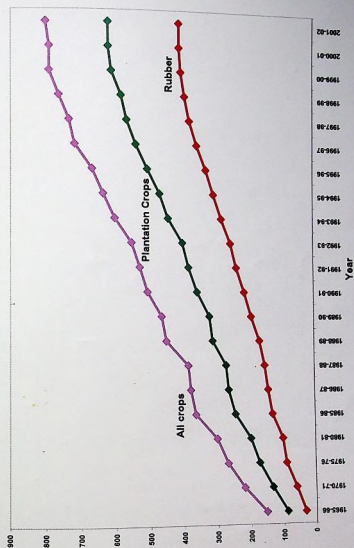




TABLE - 50

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
1970-71	83.2	80.2	122.0	88.8	90.2	82.4	93.2	90.4	92.5
1975-76	98.5	90.9	73.4	90.5	99.6	89.0	98.0	96.3	96.7
1980-81	100.7	101.1	84.6	97.9	107.7	102.8	105.1	99.2	102.9
1985-86	115.2	111.2	76.2	102.8	125.3	129.0	122.3	108.4	117.6
1986-87	118.8	102.1	118.7	106.0	118.8	121.4	116.7	111.6	114.9
1987-88	121.1	108.8	76.0	101.7	113.3	126.2	120.4	118.0	120.0
1988-89	125.0	127.0	132.9	116.1	136.5	141.5	138.1	126.6	135.8
1989-90	132.0	117.1	85.0	117.4	141.0	133.7	139.9	130.3	139.0
1990-91	138.1	119.9	110.2	122.2	140.2	143.8	137.8	128.0	133.8
1991-92	145.1	113.6	129.7	123.7	141.1	150.9	136.5	123.9	131.1
1992-93	152.9	113.6	96.5	118.7	140.6	146.7	142.0	130.2	137.0
1993-94	165.0	119.7	107.0	127.4	152.1	150.0	146.5	132.8	140.7
1994-95	174.8	121.0	92.4	127.6	154.0	161.3	150.4	138.9	145.5
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	94.1	137.8	153.1	156.7	148.4	131.9	141.2
1998-99	200.6	127.0	94.1	139.3	154.7	163.3	154.0	141.5	144.6
1999-00	202.3	126.2	94.1	139.3	160.0	175.2	159.8	135.4	149.2
2000-01	201.5	113.3	130.7	137.3	158.1	170.7	155.3	132.7	145.5
2001-02p	201.4	112.7	129.5	136.7	168.1	174.6	164.8	137.0	152.7

Source : Directorate of Economics & Statistics, Ministry of Agriculture.

TABLE - 51

GROSS DOMESTIC PRODUCT AND CONSUMER PRICE INDEX

Year	Gross Domestic Product at factor cost (at 1993-94 prices) (Rs.Crores)	Annual growth rates (percent)	All India Consumer Price Index* (Base 1986-87=100)
1980-81	401128	7.2	67
1981-82	425073	6.0	75
1982-83	438079	3.1	79
1983-84	471742	7.7	88
1984-85	492077	4.3	88
1985-86	513990	4.5	93
1986-87	536257	4.3	97
1987-88	556778	3.8	107
1988-89	615098	10.5	120
1989-90	656331	6.7	127
1990-91	692871	5.6	136
1991-92	701863	1.3	163
1992-93	737792	5.1	183
1993-94	781345	5.9	189
1994-95	838031	7.3	212
1995-96	899563	7.3	234
1996-97	970083	7.8	256
1997-98	1016594	4.8	264
1998-99	1082748	6.5	293
1999-00	1148442	6.1	306
2000-01	1198685	4.4	305
2001-02p	1265429	5.6	309

* For Agricultural Labourers.

Source: Economic Survey 2001-02, Govt. of India.

TABLE - 52

INDEX NUMBERS OF WHOLESALE PRICES OF SELECTED COMMODITIES

(Base: 1993-94=100)

Commodities	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03p
All Commodities	112.6	121.6	127.2	132.8	140.7	145.3	155.7	161.3	166.8
Food - grains	114.7	122.5	137.6	139.3	152.0	176.4	173.8	172.4	174.3
Fruits & Vegetables	108.0	123.5	148.9	142.8	185.4	154.5	160.0	188.9	190.2
Condiments & Spices	126.2	153.4	176.6	176.9	220.2	226.4	202.5	188.1	194.0
Oil seeds	118.5	128.6	130.6	128.3	148.5	133.4	129.3	137.6	160.2
Minerals	104.9	94.7	107.2	99.8	110.9	110.4	113.5	119.3	118.8
Electricity	113.6	127.8	133.5	151.8	157.2	168.9	200.0	224.8	238.0
Edible Oils	110.9	116.9	115.1	113.5	139.1	122.1	103.3	112.9	138.0
Tea & Coffee processing	104.4	114.6	116.7	160.4	164.1	185.5	189.1	177.2	143.7
Textiles	118.2	129.4	118.7	115.5	114.4	115.0	119.9	119.3	122.2
Leather & Leather Products	109.7	119.2	121.2	128.8	133.2	154.6	149.6	141.0	130.1
Natural Rubber	141.6	202.6	190.8	139.4	116.5	120.6	116.2	125.7	152.5
Rubber & Plastic Products	106.4	123.0	124.2	124.5	123.7	123.6	125.5	126.0	132.6
Tyres & Tubes	104.1	125.6	132.9	131.7	133.1	131.7	130.7	127.2	132.0
Plastic Products	106.8	112.2	110.7	113.1	109.3	110.9	112.1	117.9	125.7
Other Rubber & Plastic Products	121.0	133.7	132.8	132.8	132.8	132.8	161.0	163.7	177.0
Chemicals & Chemical Products	116.6	126.8	131.1	137.1	145.8	155.2	164.4	169.0	173.9
Fertilisers & Pesticides	117.7	128.1	128.2	134.2	136.0	140.3	153.8	157.7	163.9
Motor Vehicles	107.6	116.7	124.5	129.3	133.4	137.6	146.1	149.2	149.4

Source: 'Index number of wholesale prices in India', Published by the Office of Economic Advisor, Ministry of Industry, Govt. of India.

WORLD RUBBER STATISTICS

TABLE - 53

AREA UNDER RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Hectares)

Territory	End of	Holdings	Estates	Total
Indonesia	2002	2770	548	3318
Thailand	2002	1783	190	1973
Malaysia	2000	1245	186	1431
China	1998	NA	NA	618
India	2002	502	68	570
Vietnam*	2002	53	367	420
Brazil	1998	100	80	180
Sri Lanka	2002	101	56	157
Nigeria	2002	20	17	37
Liberia	1999	49	60	109
Myanmar	1995	59	46	105
Cote d'Ivoire	1998	26	70	96
Philippines	1999	---	92	92
Cameroon	1997	2	40	42
D.R. of Congo(a)	1999	10	25	35

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

NA : Not available, * : Estimate

(a) : Formerly Zaire.

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

TABLE - 54

PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002*
Thailand	355	501	724	1275	1805	1970	2031	2076	2155	2346	2320	2455
Indonesia	823	1020	1130	1262	1455	1527	1505	1714	1599	1501	1607	1630
India	136	155	198	324	500	540	590	581	620	629	632	640
Malaysia	1459	1530	1470	1291	1089	1063	971	886	769	615	547	559
China	69	113	188	264	424	430	444*	450	460*	445	464	468
Vietnam*	20	46	52	103	155	220	212	218	230	291	317	373
Liberia*	83	77	84	19	13	30	67	75	100	105	107	108
Sri Lanka	149	133	138	113	106	113	106	96	97	88	86	90
Brazil	19	28	40	31	44	53	61	70	87	88	88	96
Philippines	51	70	NA	61	60	62	66	68	65*	67	68	74
Nigeria*	68	47	52	152	116	64	65	65	58	55	50	45
Comodia	10	NA	22	35	38	39	40	39	40*	45*	47	47
Total**	3315	3850	4400	5120	6070	6440	6460	6820	6820	6760	7210	7110

*: Estimated,

** : Including other countries not reported separately & NA : Not available separately.

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

TABLE - 55

CONSUMPTION OF NATURAL RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002*
China*	225	340	415	600	780	810	910	839	852	1080*	1215	1310
U.S.A.	686	585	764	808	1004	1002	1044*	1157*	1116	1195	974	1104
Japan	285	427	540	677	892	715	713	707	734	752	729	738
India	129	171	233	358	516	558	572	560	619	638	631	679
Rep. of Korea*	NA	NA	155	255	300	300	302	283	333	332	332	328
Malaysia	31	45	69	184	327	357	327	334	344	345	330	326
France	156	188	156	179	178	182	192	223	253	309	282	231
Germany®	197	180	202	209	212	193	214	247	226	250	245	247
Brazil	59	81	98	124	155	161	161	185	184	227	216	241
Italy	118	132	127	130	102	100	117	146	134	139	137	133
U.K.*	171	131	126	136	118	111	119	139	130	133	107	84
Taiwan*	NA	NA	84	105	103	96	105	103	111	97	94	111
C.I.S.	NA	NA	210	150	13	16	9*	6*	15*	36	36*	19*
Total**	3368	3760	4430	5210	5950	6110	6460	6570	6660	7340	7080	7390

*Estimated, NA: Not available separately. ® : Up to 1990 Federal Republic of Germany.

For C.I.S., data before 1992 refer to the former U.S.S.R.

** : Including allowances for officially reported Statistics and those countries not reported separately.

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

CHART 12
SHARE OF INDIA IN WORLD PRODUCTION OF NR - 2002





CHART 13
SHARE OF INDIA IN WORLD CONSUMPTION OF NR - 2002

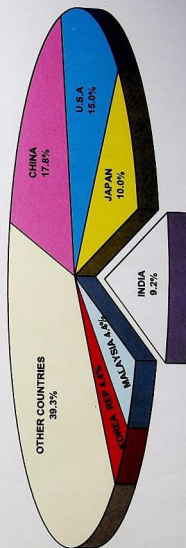




TABLE - 56

COUNTRYWISE IMPORT OF NATURAL RUBBER

(In Thousand Tonnes)

Country	1985	1990	1995	1996	1997	1998	1999	2000	2001p	2002p
U.S.A	770	820	1026	1014	1044	1177	1118	1192	972	1104
China*	163	340	297	490	362	411	402	820	943	915
Japan	540	663	696	724	730	678	755	802	713	772
Rep. of Korea	159	254	289	299	299	282	332	331	330	325
France	155	178	176	182	192	223	253	309	282	231
Germany	202	209	212	193	212	247	226	250	245	243
Spain	110	119	130	130	148	159	161	171	184	184
Canada	104	84	121	118	133	148	141	150*	132	156
Brazil	60	81	106	107*	100	115	98	139	128	142
Italy	132	132	121	119	132	148	131	136	135	134
U.K.	131	136	120	111	120	139	131	133	107	86
Turkey	46	47	79	78	87	84	69	86*	79	92
Taiwan	84	105	103	96	107	103	111	97	94	113
Mexico	65	68	55	69	80	82	82	90	67	67
Argentina	23	31	29	32	38	42	22	27	23	25
India	34	60	50	16	27	29	20	11	35	26
World**	3563	4063	4222	4392	4423	4726	4685	5496	5197	5299

* : Estimated, ** : Including other countries not reported separately

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

TABLE - 57

COUNTRYWISE EXPORT OF NATURAL RUBBER

(In Thousand Tonnes)

Country	1985	1990	1995	1996	1997	1998	1999	2000	2001p	2002p
Thailand	685	1151	1636	1763	1837	1839	1886	2166	2042	2213
Indonesia	1001	1077	1324	1434	1404	1641	1495	1380	1497	1501
Vietnam	36	76	138	195	194	191	230	269	292	351
Malaysia	1497	1322	1013	980	1018	989	983	978	821	821
Liberia	87	19	13*	30	67*	75*	100*	105*	107	108
Nigeria	29	121	99	49	53*	47*	38*	36*	30	24
Cambodia	14	28	30*	31*	32*	33*	34*	35*	35	37
Sri Lanka	120	87	68	72	61	41	43	33	32	40
World**	3671	4076	4575	4850	5001	5244	5197	5742	5788	5728

* : Estimated, ** : Including other countries not reported separately

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

TABLE - 58

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

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002p
U.S.A.	1990	2215	2026	2115	2530*	2486	2569	2600	2354	2395	2064	2154
C.I.S.	1600	2040	2125	2277	837	775	725	621	737	837	919	919
Japan	789	1094	1158	1426	1498	1520	1592	1520	1577	1592	1466	1522
France	350	511	544	522	618	583	595	606	592	669	672	681
Germany @	316	390	448	525	480	548	555	619	720	849	828	869
China	57	123	171	316	493	553	600	589	754	836	1052	1133
Italy	200	250	225	300	310	303	295	290	279	285	274	250
Brazil	129	249	266	256	286	310*	347	310	363	373	335	343
U.K.	261	212	233	274	320	280*	294	252	283	286	270	281
Netherlands	216	212	235	244	178	198	194	184*	185*	200*	168	176
Canada*	173	253	209	195	170	220	216	191	185	187	143	150
Korea Rep*	24	75	106	227	384	516	540	547	655	678	663	678
Taiwan	NA	77	105	175	365	376	457	472	495	465	480	535
Mexico	60	91	146	133	142	147	154	173	171	187	173	182
Belgium*	65	115	92	125	95	105	100	95	100	104	104	104
Poland	108	118	126	103	105	106	100	94	97	102	83	87
India	23	23	37	58	67	63	75	66	56	60	69	76
World +	6855	8695	8960	9890	9480	9740	10080	9880	10380	10870	10470	10850

* : Estimated, NA : Not Available separately, + : Including other countries not reported separately.

@ : Up to 1990 Federal Republic of Germany; For C.I.S. : data before 1992 refer to the former U.S.S.R. and data after 1995 refer to Russian Federation.

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

TABLE - 59

CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES
(In Thousand Tonnes)

Country	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001p	2002p
U.S.A	1964	1980	1982	1821	2172	2187	2323	2354	2218	2190	1840	1897
C.I.S.	NA	NA	2115	2078	424	438	450	358	436	539	575	552
Japan	585	885	948	1133	1085	1125	1183	1116	1133	1138	1085	1088
China*	55	155	245	340	780	870	995	1000	1285	1455	1575	1575
Germany @	360	421	411	511	426	478*	501*	569	604*	645*	630	630
France	278	342	312	351	430	436	416	451	434	481	465	469
Italy	220	288	277	310	283	291	290	275*	287*	291*	275	262
Korea Rep.*	NA	NA	145	279	370	440	408	277	384	382	373	384
Brazil*	176	244	235	264	280	290	310	300	309	320	322	314
U.K.*	266	248	201	223	228	230	235	177	189	188	167	162
Canada	179	200	173	185	198	242	259	238	239	233*	228	228
Taiwan*	NA	NA	95	195	284	274	292	272	263	262	223	263
Spain	NA	NA	144	166	195	200	222	229	242*	269*	262	262
Mexico*	NA	NA	140	114	132	160	162	165	169	160	142	126
India	32	48	70	97	133	142	158	155	164	171	172	192
Total +	7028	8785	9000	9660	9270	9570	10000	9870	10270	10830	10280	10650

* : Estimated, NA : Not Available separately, @ : Up to 1990 Federal Republic of Germany.

For C.I.S., data before 1992 refer to the former U.S.S.R.

+ Including allowances for discrepancies in officially reported statistics and those countries not reported separately.

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

TABLE - 60

PRODUCTION, CONSUMPTION AND STOCK OF NATURAL AND SYNTHETIC RUBBER (In Thousand Tonnes)

Year	NATURAL RUBBER				SYNTHETIC RUBBER			
	Production	Consumption	Excess(+) or deficiency(-) compared with consumption	Stock at the end of the year	Production	Consumption	Excess(+) or deficiency(-) compared with consumption	Stock at the end of the year
1985	4400	4430	-30	1570	8860	9000	-140	1730
1986	4490	4480	+10	1600	9270	9280	-10	1720
1987	4840	4800	+40	1640	9450	9650	-200	1520
1988	5020	5100	-80	1560	10160	9940	+220	1800
1989	5150	5190	-40	1610	10150	10040	+110	1890
1990	5120	5210	-90	1520	9890	9680	+210	2120
1991	5160	5060	+100	1600	9270	9220	+50	1940
1992	5450	5320	+130	1730	9300	9360	-60	1900
1993	5310	5430	-120	1600	8600	8630	-30	1870
1994	5720	5650	+70	1700	8870	8820	+50	1910
1995	6070	5950	+120	1780	9480	9270	+210	2120
1996	6440	6110	+330	2130	9740	9570	+170	2340
1997	6460	6460	0	2130	10080	10000	+80	2420
1998	6820	6570	+250	2380	9880	9870	+10	2430
1999	6820	6660	+160	2540	10390	10270	+120	2540
2000	6760	7340	-580	1960	10870	10830	+40	2580
2001	7210	7080	+130	2092	10470	10280	+190	2770
2002p	7110	7380	-280	1850	10850	10650	+200	2870

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

TABLE- 61

ESTIMATED PERCAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER

(Kilograms)

Country	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001
U.S.A.	8.77	10.75	12.28	12.18	11.26	11.43	10.52	12.07	11.96	12.61	12.98	11.83	11.84	9.88
Canada	5.19	7.22	8.77	11.04	11.65	10.65	10.12	10.77	12.05	12.88	12.74	11.87	12.46	11.52
Germany	4.58	6.20	9.21	9.01	9.77	10.05	9.07	7.69	8.19	8.72	9.47	10.11	10.84	10.61
France	4.84	5.66	8.25	8.22	9.84	8.48	9.34	10.32	10.59	10.39	11.46	11.62	13.42	12.61
U.K.	5.75	6.83	8.53	7.80	6.77	5.77	6.24	6.06	5.82	6.12	5.46	5.43	5.45	4.59
Japan	2.44	3.82	7.47	7.80	11.23	12.31	14.65	14.19	14.62	14.93	14.42	14.76	14.89	14.27
Australia	5.93	7.02	7.51	7.20	6.87	5.19	5.39	6.37	5.80	5.50	5.47	5.17	4.91	3.75
Italy	2.68	3.85	5.78	6.10	7.44	7.05	7.63	6.93	6.81	7.08	7.37	7.34	7.39	7.11
Brazil	0.89	0.80	1.32	2.24	2.68	2.52	2.76	2.98	2.82	2.94	2.94	2.90	3.34	3.13
China	0.18	0.23	0.35	0.38	0.50	0.62	0.83	1.25	1.36	1.56	1.46	1.69	1.99	2.17
India	0.12	0.18	0.22	0.27	0.32	0.40	0.55	0.70	0.70	0.76	0.76	0.79	0.81	0.79
World	1.46	1.85	2.35	2.57	2.82	2.77	2.82	2.61	2.73	2.86	2.79	2.82	2.99	2.84

Source: Up to 1985, 'Key Rubber Indicators' published by IRSG, London. From 1986 onwards, compiled by the Rubber Board.

CHART 14
WORLD CONSUMPTION OF NR AND SR

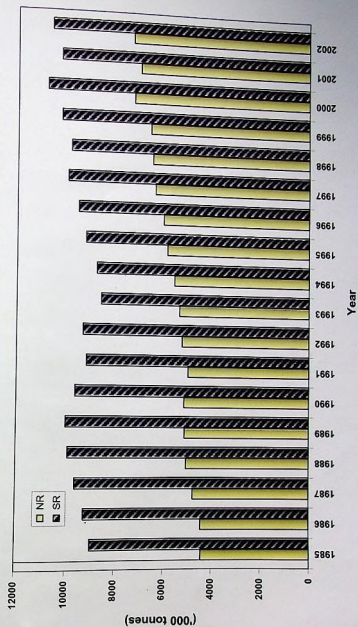




TABLE - 62

WORLD PRICE OF NATURAL RUBBER

(Average price for RSS 3 per 100 Kg.)

Year	LONDON (C.I.F.)		KUALA LUMPUR (F.O.B.)		KOTTAYAM
	Pound Sterling	Equivalent Rate in Rs.	Malaysian Ringgit	Equivalent Rate in Rs.	(INDIA) Rs.
1976	46.02	750	189.7	674	620
1977	49.34	756	194.0	692	630
1978	54.04	850	222.5	789	885
1979	62.53	1072	271.1	1011	1024
1980	63.76	1170	298.7	1083	1154
1981	53.38	938	230.8	872	1423
1982	49.37	819	181.3	739	1473
1983	73.00	1120	238.8	1042	1672
1984	73.26	1110	214.7	1040	1689
1985	61.15	980	179.8	890	1694
1986	57.09	1057	202.1	988	1670
1987	62.23	1321	236.4	1217	1766
1988	69.25	1717	301.2	1600	1811
1989	61.06	1623	247.0	1482	2040
1990	51.24	1604	220.6	1425	2147
1991	50.00	2000	216.9	1796	2128
1992	52.72	2655	212.6	2457	2463
1993	58.92	2786	207.5	2538	2546
1994	78.49	3779	288.6	3455	3107
1995	104.62	5375	390.4	5030	5059
1996	92.96	5143	342.9	4764	5122
1997	63.65	3776	273.8	3614	3988
1998	45.76	3127	273.1	2884	3013
1999	42.71	2989	231.5	2644	2997
2000	48.60	3296	252.5	3007	3125
2001	44.90	3041	218.5	2732	3109
2002	74.56	5421	286.8	3696	3621

Note: In the case of India, price refers to RSS 4 grade rubber at Kottayam market.
Source : Rubber Statistical Bulletin of the International Rubber Study Group.

TABLE - 63

PRICE OF DIFFERENT GRADES OF NATURAL RUBBER IN MALAYSIA

(F.O.B. Kuala Lumpur in Rs. per 100 Kg.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	1992	2645	2621	2591	2555	2471	2590
May	"	2632	2608	2577	2541	2464	2580
June	"	2640	2616	2586	2550	2479	2545
July	"	2671	2646	2616	2579	2507	2514
August	"	2639	2603	2579	2539	2506	2491
September	"	2623	2575	2548	2506	2428	2439
October	"	2672	2606	2571	2527	2451	2402
November	"	2657	2589	2549	2491	2423	2400
December	"	2708	2631	2585	2519	2454	2459
January	1993	2772	2692	2647	2578	2513	2552
February	"	2919	2851	2815	2719	2650	2697
March	"	2681	2657	2627	2529	2462	2563
Average		2688	2641	2608	2553	2484	2519
April	1993	2575	2556	2526	2429	2362	2566
May	"	2552	2534	2503	2405	2338	2525
June	"	2547	2527	2492	2399	2331	2493
July	"	2532	2513	2483	2385	2318	2437
August	"	2576	2541	2516	2412	2344	2415
September	"	2579	2512	2487	2382	2315	2350
October	"	2502	2452	2428	2319	2252	2315
November	"	2533	2484	2459	2348	2281	2395
December	"	2544	2476	2452	2342	2274	2511
January	1994	2528	2451	2428	2320	2256	2573
February	"	2673	2607	2584	2470	2408	2795
March	"	2853	2786	2762	2647	2583	3025
Average		2583	2537	2510	2405	2339	2533

TABLE - 63/(Conta.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	1994	2963	2901	2881	2784	2725	3256
May	"	3064	3005	2987	2900	2841	3129
June	"	3281	3234	3216	3125	3065	3180
July	"	3911	3904	3885	3800	3740	3534
August	"	3937	3931	3913	3827	3766	3702
September	"	3975	3969	3950	3864	3803	3764
October	"	4285	4278	4260	4174	4113	4143
November	"	4210	4203	4187	4100	4038	4173
December	"	4594	4566	4553	4461	4400	4877
January	1995	5129	5092	5079	4987	4926	5642
February	"	5536	5492	5480	5388	5327	5716
March	"	5714	5671	5658	5565	5503	5520
Average		4217	4187	4171	4081	4021	4220
April	1995	5792	5748	5735	5640	5577	5401
May	"	5383	5338	5324	5230	5166	5033
June	"	4823	4772	4759	4662	4598	4498
July	"	4218	4167	4154	4058	3994	3841
August	"	4068	4018	4005	3910	3846	3862
September	"	4432	4383	4370	4272	4206	4268
October	"	4859	4811	4798	4695	4627	4591
November	"	5564	5511	5498	5396	5327	5490
December	"	5644	5516	5503	5400	5331	5634
January	1996	5533	5393	5379	5274	5204	5577
February	"	5658	5515	5500	5393	5321	5500
March	"	5305	5176	5162	5061	4994	5042
Average		5107	5029	5016	4916	4849	4895
April	1996	4927	4800	4788	4686	4619	4475
May	"	5069	4939	4932	4823	4755	4429
June	"	5036	4919	4912	4796	4727	4219
July	"	4663	4552	4545	4426	4357	4219
August	"	4534	4416	4409	4290	4220	4261
September	"	4556	4439	4432	4313	4243	4387
October	"	4357	4244	4236	4122	4052	4305
November	"	4525	4474	4467	4336	4266	4385
December	"	4491	4413	4406	4261	4190	4362
January	1997	4400	4334	4327	4176	4105	4341
February	"	4366	4314	4306	4155	4083	4291
March	"	4384	4350	4343	4191	4119	4221
Average		4609	4516	4509	4381	4311	4325

TABLE - 63(Contn.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	1997	4129	4093	4086	3935	3863	3909
May	"	3956	3927	3920	3770	3698	3727
June	"	3968	3940	3933	3783	3712	3669
July	"	3349	3321	3314	3168	3084	3338
August	"	3289	3262	3256	3118	3052	3275
September	"	3169	3133	3127	3000	2939	3157
October	"	3155	3097	3091	2976	2920	3142
November	"	3094	3032	3026	2910	2856	3113
December	"	2832	2642	2637	2527	2475	2820
January	1998	2630	2431	2426	2332	2287	2612
February	"	3191	2968	2963	2856	2805	3264
March	"	2937	2873	2867	2755	2703	2976
Average		3308	3227	3221	3094	3033	3250
April	1998	3064	2994	2988	2871	2823	2987
May	"	3173	3109	3104	2992	2939	3091
June	"	2965	2918	2912	2801	2748	2781
July	"	2986	2940	2934	2827	2776	2593
August	"	2790	2749	2744	2636	2585	2447
September	"	2872	2828	2822	2705	2650	2486
October	"	3095	3050	3044	2927	2871	2587
November	"	3057	3011	3005	2887	2831	2558
December	"	2862	2809	2804	2695	2639	2522
January	1999	3028	2923	2906	2783	2727	2551
February	"	2929	2771	2754	2635	2579	2570
March	"	2715	2613	2597	2478	2422	2339
Average		2961	2893	2885	2770	2716	2626
April	1999	2531	2451	2434	2315	2259	2289
May	"	2570	2491	2474	2355	2298	2433
June	"	2615	2536	2518	2398	2341	2440
July	"	2470	2399	2381	2261	2203	2238
August	"	2451	2382	2364	2243	2185	2361
September	"	2594	2530	2513	2391	2334	2658
October	"	2825	2767	2750	2628	2571	2877
November	"	3219	3150	3133	3013	2955	3336
December	"	2985	2919	2902	2781	2723	3091
January	2000	2836	2779	2762	2641	2583	3106
February	"	3278	3197	3180	3058	3000	3312
March	"	3104	3050	3032	2911	2853	2986
Average		2790	2721	2704	2583	2525	2761

TABLE - 63(Contn.)

Month		RSS 1	RSS 2	RSS 3	RSS 4	RSS 5	SMR 20
April	2000	3160	3090	3073	2951	2893	2960
May	"	3197	3103	3085	2963	2905	2779
June	"	3137	3022	3004	2880	2820	2671
July	"	3003	2875	2857	2733	2673	2618
August	"	3215	3075	3056	2929	2869	2831
September	"	3127	2994	2975	2847	2787	2796
October	"	3173	3047	3028	2899	2838	2857
November	"	3104	3010	2991	2861	2799	2865
December	"	3137	3055	3037	2906	2844	2988
January	2001	3057	2940	2921	2792	2730	2904
February	"	2942	2818	2800	2670	2608	2789
March	"	2821	2687	2669	2539	2477	2519
Average		3089	2976	2958	2831	2770	2798
April	2001	2875	2739	2721	2590	2528	2592
May	"	2977	2852	2833	2702	2640	2662
June	"	3027	2918	2899	2768	2705	2632
July	"	2910	2802	2783	2652	2589	2506
August	"	2844	2759	2740	2609	2546	2561
September	"	2731	2668	2649	2517	2454	2436
October	"	2708	2663	2644	2510	2446	2431
November	"	2689	2664	2645	2511	2447	2468
December	"	2523	2494	2475	2341	2278	2389
January	2002	2805	2778	2759	2624	2560	2641
February	"	3083	3057	3038	2902	2838	2882
March	"	3390	3347	3327	3192	3127	3278
Average		2880	2812	2793	2660	2597	2623
April	2002	3517	3441	3422	3286	3221	3163
May	"	3509	3446	3426	3290	3225	3257
June	"	4152	4067	4047	3911	3846	3594
July	"	4142	4078	4058	3922	3858	3535
August	"	4153	4110	4090	3955	3891	3424
September	"	4395	4348	4329	4194	4129	3608
October	"	4046	4001	3982	3847	3783	3511
November	"	4000	3955	3936	3801	3737	3499
December	"	4007	3962	3943	3809	3745	3960
January	2003	4219	4330*	4330*	4226*	4109*	4182
February	"	4568	4716*	4716*	4613*	4497*	4323
March	"	5008	5046*	5046*	4944*	4828*	4417
Average		4143	3934**	3915**	3779**	3715**	3706

From Jan-2003 onwards Malaysia discontinued publishing the price of RSS2 to RSS5 grades of Natural Rubber

* Singapore Price

** Average of April to December-02 only.