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GOVERNMENT OF KERALA

STATE DOMESTIC PRODUCT

1989-90 To 1992-93

NEW SERIES — BASE YEAR — 1980-81

DEPARTMENT OF ECONOMICS AND STATISTICS
THIRUVANANTHAPURAM

1996

THE EXHIBIT

NO. 1



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PREFACE

The State Domestic Product is computed annually by the State Income Division of this department based on the methodology and definitions and guidelines issued by the Central Statistical Organisation which is also in accordance with the United Nations System of National-Accounts. The State Domestic Product thus prepared by the department is invariably reconciled with the figures prepared by Central Statistical Organisation before publication.

State Domestic Product is generally estimated through production approach in the case of commodity producing sectors and income approach is used for service sectors. Value added in the construction sector is based on a combination of Commodity flow and expenditure approaches.

The new series of estimates of State Domestic Products started from 1980-81 onwards. This report deals with the State Domestic Product compiled from 1989-90 to 1992-93 reconciled and approved by Central Statistical Organisation.

I would like to place on record my appreciation to the Officers and staff in the State Income Division who have made earnest efforts in bringing out this report.

Dr. M. KUTTAPPAN,
Director.

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STATE INCOME AND RELATED AGGREGATES OF KERALA
FOR 1989-90 TO 1992-93

INTRODUCTION

State Income is the most important yardstick by which economic development of a country is measured. Net Domestic Product is defined as the factor income generated within the geographical boundary of a State or it is the sum total of the net value added in the economy in a given period of time. National product is the sum total of the value added in different sectors of the economy in a specified period including the net factor income added from abroad.

Net Domestic Product or Net National Product at factor cost is the sum total of the earnings of the factors of production in the process of production in different sectors of the economy. It includes rent for land, interest on capital, wages and compensation paid to employees, profit and dividends for the organisation. In addition to this, in the case of self employed individuals, since no factor incomes are generated, mixed income of the self employed persons are also included as a constituent of the NDP. In short, the Net Domestic Product is the component of Wages and Salaries, Rent, Interest, Profit and Dividends and Mixed Income of the self employed.

On the whole 40% of the National Income is generated from this sector alone. Net Domestic Product at Factor Cost means the income derived by the factors of production excluding indirect taxes while net product at market prices is inclusive of indirect taxes.

State Income is computed in four different methods in each year in order to find out the difference between real growth and inflationary growth.

1. Net Domestic Product at constant prices 1980-81.
2. Gross State Domestic product at constant 1980-81 prices.

3. Net Domestic Product at current prices.
4. Gross Domestic Product at current prices.

The Base Year being 1980-81 the Net Domestic Product at 1980-81 (Constant) prices will reveal the actual growth trend in production. Gross Domestic Product at constant prices less consumption of fixed capital gives the Net Domestic Product at constant prices. Similarly Gross Domestic Product at current price less consumption of fixed capital gives Net Domestic Product at current prices.

In General, National Income is the sum total of the goods and services produced in the economy in a given period. The different economic activities from which the income flows is classified as Primary, Secondary and Tertiary sectors. The Primary sector consists of Agriculture and allied activities while secondary sector comprises of Manufacturing. Electricity, Construction, Gas and Water Supply. Tertiary sector includes Transport, Communication, Trade, Finance, Real Estate Community and Personal Services.

The State Income finalised by this Division after reconciliation with Central Statistical Organisation figures for the period from 1989-90 to 1992-93 is mainly explained in this report. Net State Domestic Product at factor cost worked out for different sectors, its distribution between districts and per capita income of the State are also dealt in this report. An attempt is also made in this report to provide National Income of the country and All India per capita for the purpose of comparison. The Net Domestic Product computed for other states for latest years are also given in this report for the benefit of the data users.

NOTES ON METHODOLOGY

1. Agriculture and allied activities

The Net Domestic Product from Agriculture (proper), livestock and allied activities except government irrigation system is estimated by using the production approach which involves estimation of gross value of products and by-products and deduction of the value of inputs and consumption of fixed capital. Separate estimates of gross value of output of agricultural crops and livestock products are prepared, while Gross Domestic Product and Net Domestic Product are worked out for the activity as a whole.

(a) Agriculture (proper):

Estimates of area and production of all the major and minor crops are based on crop estimation surveys under Timely Reporting Survey. These figures are used for the estimation of gross value of output. For miscellaneous and unspecified crops, (outturn) estimates are not available but area figures are available. For plantation crops, the production estimates published by the respective commodity boards are used. In the new series, instead of rice, paddy has been evaluated. The outturn of by-products are estimated by applying the yield rates based on cost of cultivation surveys. The average wholesale prices prevailing in the primary market during the peak marketing periods are used for evaluating crop outputs and also for by-products.

(b) Livestock and Livestock Products:

For estimating the gross value of output from Livestock products, they are divided into (i) milk, (ii) meat and meat products, (iii) hides and skins, (iv) eggs and poultry meat, (v) dung, (vi) increment in stock, (vii) other products. The production estimates of milk, meat and egg are based on the report integrated sample survey for estimation of milk, egg and meat. The value of output is worked out by evaluating the livestock products at the corresponding annual average wholesale prices duly deflated for trade and transport margins and rural/urban price differentials. The value of output of meat has been adjusted to slaughtering and preservation of meat in the manufacturing sector.

(c) Inputs:

To arrive at the Gross Domestic Product from agriculture and livestock, necessary deductions are made for the cost of inputs. The inputs are (i) seed (ii) manure (chemical and organic) (iii) current repairs and maintenance charges (iv) livestock feed (v) irrigation charges (vi) electricity charges (vii) cost of pesticides and insecticides (viii) market charges and (ix) cost of diesel oil. Cost of seed was estimated using the seed rates supplied by Central Statistical Organisation. For tapioca the seed rate is estimated by using the cost of cultivation survey results of this department.

The cost of chemical fertilizer used were taken from the fertilizer statistics. The cost of repairs and maintenance irrigation charges, pesticides and insecticides and diesel oil have been supplied by Central Statistical Organisation.

Organic manure is the gross value of dung in the livestock sub-sector.

The livestock feed has been estimated using the Integrated Sample Survey results.

The electricity charges have been worked out from the annual accounts of Electricity Board.

Market charges are estimated at the rates supplied by Central Statistical Organisation.

(d) Gross Domestic Product/Net Domestic Product:

The Gross Domestic Product is obtained by deducting the total cost of inputs from the gross value. Gross Domestic Product from operation of government irrigation system is also added to obtain the total Gross Domestic Product for the sector. The consumption of fixed capital is deducted from Gross Domestic Product to obtain the Net Domestic Product from agriculture sector.

Estimates at Constant (1980-81) Prices

For estimation of Gross Domestic Product/Net Domestic Product at constant prices, the output of agricultural crops, by products, livestock products and inputs are evaluated at 1980-81 prices. From the gross value the cost of inputs is deducted to arrive at the Gross Domestic Product. To this the Gross Domestic Product from operation of Government irrigation system is added up to obtain the total Gross Domestic Product. From this the consumption of fixed capital is deducted to obtain the Net Domestic Product at constant prices.

2. Forestry and Logging

Forestry sector includes (i) forestry and (ii) logging. The forest products are classified into two groups viz. (i) major products comprising industrial wood and fuel wood (ii) minor products comprising a number of heterogeneous items such as bamboo, eucalyptus, sandal wood, ivory etc.

The value of major forest products is evaluated at producers price. The producers price is obtained by adjusting the wholesale prices for trade and transport margins. An allowance of 10% of the value of the recorded production is made to cover all such unrecorded production. The royalty value of minor products is adjusted to arrive at the economic value.

From the gross value, cost of repairs and maintenance and other operational cost is deducted to get the Gross Domestic Product. From the Gross Domestic Product depreciation is deducted to obtain the Net Domestic Product from forestry and logging.

Estimates at constant prices:

The outturn is evaluated at 1980-81 prices to obtain the gross value of major products at constant prices. The ratio of the recorded value of major products at the current year to the corresponding value at the base year is applied to estimate the value of minor products at constant prices.

From the gross value, cost of repairs and maintenance and consumption of fixed capital are deducted to arrive at the Net Domestic Product at constant prices.

3. Fishing

The activities included in this sector are (i) marine fish landings (ii) inland fish landings (iii) subsistence fishing (iv) gathering of lime shell, sea shell, sea weeds and other products and (v) fish curing viz. salting and sundrying of fish.

The production approach is followed to estimate the Gross Domestic Product/Net Domestic Product.

The estimates of gross value of marine fish landings, inland fish landings and subsistence fishing by non-professional fishermen are prepared separately from the data supplied by the Fisheries Department.

From the gross value, cost of repairs and maintenance and other operational costs are deducted to obtain, the gross value added. From the gross value added consumption of fixed capital is deducted to arrive at the net value added. Net value added from fish curing and other marine products are also worked out separately and added to obtain the total net value added from fishing sector.

Estimates at constant prices:

The output is evaluated at 1980-81 prices to get the gross value at constant prices. From the gross value, the cost of repairs and maintenance is deducted to arrive at the Gross Domestic Product from the gross value added, the consumption of fixed capital is deducted to obtain the net value added. The value added by fish curing in the base year is projected to later years in proportion to the changes in the quantity of fish cured in the current year relative to the base year. Net value added from fish curing and other marine products at constant prices is also added to obtain the total Net Domestic Product from fishing sector at constant prices.

4. Mining and Quarrying

The estimate of income originating in this sector is prepared by production approach. Data on production and prices of minerals furnished in the "Financial Year Aggregates of Mineral Production" published by the Indian Bureau of Mines is used for estimation. Data

on minor minerals is taken from the State Geology Department. The gross value added is further adjusted for input value and bank charges. The percentage of consumption of Fixed Capital to Gross Domestic Product, supplied by the Central Statistical Organisation is applied to obtain the State Domestic Product. The figures supplied by the Central Statistical Organisation are used as regards Atomic Energy.

The constant (at 1980-81 prices) price estimates are computed on the basis of actual value of major minerals at 1980-81 prices and this ratio has been applied in the case of minor minerals.

5. Manufacturing

(i) Registered sector:

Industry-wise value added has been obtained from the Annual Survey of Industries Division of this Directorate. These value added have been further adjusted for imputed bank charges (All India percentage as per National Accounts Statistics). Central Statistical Organisation's figure of Consumption of Fixed Capital was added to the State Domestic Product to arrive at the Gross Domestic Product.

The constant (at 1980-81 prices) price figures are obtained by applying wholesale price index of manufactured articles in the registered sector.

(ii) Unregistered sector:

The net value added in this sector has been estimated based on the National Sample Survey 33rd round survey results combined with the results of sample survey on Directory Manufacturing Establishments 1978-79 of Kerala. The net value added from the above survey results for 19 industry groups for the year 1977-78 has been moved to later years using the following indices.

(1) *Food products (20-21)*.— Value of output of paddy, sugarcane, oil seeds and pulses.

(2) *Beverages, tobacco and tobacco products (22)*.— value of output of mangoes and tobacco.

(3) *Textiles (23 to 26)*.— Value of production of cotton and coir.

(4) *Wood and wood products, furniture and fixture (27)*.— Value of output of industrial wood.

(5) *Leather and fur products (29)*.— Value of output of cattle and buffalo hides and goat and sheep skin.

For the remaining groups including group 28, growth observed in the value added in the Annual Survey of Industries has been used. Central Statistical Organisation's figure of consumption Fixed Capital was added to the State Domestic Product to arrive at the Gross Domestic Product.

The Constant (at 1980-81 prices) price estimates are obtained based on the wholesale price index of manufactured articles in the unregistered sector.

6. Construction

The estimates of value added from construction are derived from the corresponding estimates of value of construction as shown below.

As regards Administrative Departments, Local Bodies and Non-Departmental Commercial Undertakings, accounts or budgets are analysed.

As regards Post and Telegraph, Railways, Central Public Works Department etc., figures are collected from these institutions.

As regards urban residential buildings, rural residential buildings, urban and rural non-residential buildings, other construction works including repair and maintenance etc., the detailed survey results of AIDIS 1981-82 published by the Reserve Bank of India is depended. As regards residual category (private corporate sector) base year estimate is prepared from 'Lal's paper in Reserve Bank of India publication 1965-66. This is moved to later years with the help of construction expenditure (at current prices) in rural and urban residential sectors to obtain the estimates at current prices.

To the Net value added, the Consumption of Fixed Capital figure supplied by the Central Statistical Organisation is added to arrive at the Gross Value Added.

The constant (at 1980-81 prices) price estimates are obtained by moving the base year estimates using the index based on wages of skilled workers (rural and urban).

7. Electricity, Gas and Water Supply

Electricity:

The estimates under this sector are prepared based on the data obtained from the profit and loss account and the balance sheet of the Kerala State Electricity Board. Gross Domestic Product has been estimated as an aggregate factor payment such as compensation paid to employees including salaries and wages, money value benefits, director's fee, interest, rent and surplus and depreciation. Defferred revenue expenditure and intangible assets appearing in the balance sheet has been adjusted in the Gross Domestic Product estimates. In respect of private licensees the details are collected from Annual Survey of Industries schedules.

The constant (at 1980-81 prices) price estimate has been arrived at on the basis of wholesale price indices of manufactured articles.

Gas:

The estimates of Gobargas has been prepared based on the data obtained from the Kerala Khadi and Village Industries Commission. The production and value of LPG have been supplied by the Central Statistical Organisation. As separate Consumption Fixed Capital for gas sector is not available, Gross Domestic Product is treated as State Domestic Product for this sector.

The constant (at 1980-81 prices) price estimate is arrived by using the ratio of value of LPG at 1980-81 prices to current prices.

Water Supply:

The estimates of State Domestic Product has been arrived at by adopting the income approach. Separate estimates have been prepared for private and public sector. In the case of public sector total salaries paid to the employees engaged in water supply sector, as supplied by all the Municipalities and Corporations have been taken as value added.

From the total working force of water supply sector in urban area of the 1981 population census, the public sector working force collected from Municipalities/Corporations has been substracted to get the private working force in urban area. Number of workers in rural areas available from population Census (1981) has been treated as private rural working force and this has been moved to subsequent years by taking the annual growth rate of 1971-81 census results. Per worker compensation of employees in urban area is taken as average of all the categories in urban areas and of the lowest category for rural areas.

To arrive at the total net value added of water supply, value added in public sector, total wages in private sector and operating surplus as available from the Annual Survey of Industries for this activity are added. To the Net Value Added thus obtained, Consumption of Fixed Capital is added to get the Gross Value Added.

The estimates at constant (at 1980-81 prices) prices are obtained by applying the index based on average compensation per worker as obtained from the Minicipalities/Corporations.

8. Transport, Storage and Communications

(1) Railways

The estimates are supplied by Central Statistical Organisation.

(2) Transport by other means and storage

(a) Mechanised Road Transport:

Public Sector.— Net value added from mechanised road transport in the public sector is worked out annually using the results of analysis of profit and loss statement of Kerala Road Transport Corporations.

The constant price estimates are obtained by moving the value added for 1980-81 with the index of number of workers (KSRTC).

Private Sector.—Gross Value Added/Net Value Added for this sector is worked out by multiplying working force with Gross Value Added/Net Value Added per worker for the respective years category-wise. The category-wise working force (701, 702, 703 of NIC 70) is

worked out by projecting the working force (as on 1-10-1980 based on 1981 census) with the category-wise indicator of number of vehicles registered. State-wise public sector working force is subtracted to get the data for private working force. The private sector working force is divided into rural and urban using the same proportion as observed in 1981 census working force. Value added per worker for the respective category for 1980-81 is worked out on the basis of results of enterprise survey 1983-84 for rural and urban areas separately. Gross Value Added per worker and Net Value Added per worker available from this survey have been brought back and moved forward with the help of index number of consumer price for urban non-manual employees for urban areas and index of rural skilled workers for rural areas.

The value added at constant price is obtained by moving the 1980-81 value added with the index number of workers (1981 census) projected with the help of number of vehicles.

(b) Non-Mechanised Transport:

It covers non-mechanised road transport (NIC 704, 705, 706) supporting services to land transport (NIC 708) unrecognised water transport and services incidental to transport (NIC 730). The gross value added and net value added for transport by other means for the base year 1980-81 is prepared using 1981 census working force and Gross Value Added and Net Value Added per worker. Gross value added and Net value added per worker as obtained from 1983-84 enterprise survey were brought back to 1980-81 using the consumer price index of urban non-manual employees and index of rural skilled workers for urban and rural areas respectively. The estimates of gross value and net value added for subsequent years are worked out by carrying forward the base year estimates with the help of relevant index of gross value of output of commodity producing sectors at current prices.

The value added at constant price is obtained by moving the value added for 1980-81 with the index of gross value of commodity producing sector at constant price.

(c) Storage and Warehousing:

For storage and warehousing public sector estimate is worked out by analysing the annual accounts of Kerala State Warehousing Corporation. For Private Sector, the value added obtained from National Sample Survey 29th round is used. The base year estimate is brought forward using the index of gross value of commodity producing sector valued at current prices.

For the estimates at constant price, the data on storage capacity is made use of.

(d) Water Transport:

Estimates of income from Kerala Water Transport Corporation, Water Transport Alleppey are obtained by analysing the annual accounts of the respective water transport undertakings. Similarly income from Cochin Port Trust and other ports are worked out annually by analysing the relevant accounts and budget.

Value added at constant price is obtained by using the index of employment.

(3) Communication

The estimates at current and constant prices are supplied by Central Statistical Organisation.

9. Trade, Hotels and Restaurant

The estimates of gross value added have been prepared separately for public and private sector. For public sector the value added is obtained by analysing the annual accounts of State Trading Enterprises.

The estimate in the private sector 1978-79 is prepared by interpolating the results of Directory Establishment Survey 1979-80 (trade hotels and restaurant) and National Sample Survey 34th round. The estimate for base year 1980-81 and then to other years is obtained by moving the value added with the index of gross value of commodity producing sector valued at current prices.

The estimate at constant price is worked out using the index of gross value of commodity producing sector at constant prices.

10. Banking and Insurance

State share supplied by Central Statistical Organisation.

11. Real estate and ownership of dwelling

(a) *Ownership of dwelling:*

The gross rental is estimated separately for rural and urban areas. The National Sample Survey Organisation in 38th round collected data on per capita monthly rent in urban areas in respect of Katcha, Semi-pucca and Pucca Houses. State-wise average per capita monthly rent has been presented separately for rental and owner occupied houses together with percentage of households living in rental houses. Using proportion of the two categories as weighed average per capita monthly rent has been calculated in respect of all categories of houses to represent rent in urban area in 1983.

Gross rental has been calculated by multiplying rent per capita by population. Gross rental per dwelling has been obtained by dividing the gross rental by estimated number of dwelling. The urban rural proportion of the rental per dwelling collected from Municipalities, Corporations for urban and Panchayats for rural, is applied to get the rental per dwelling of rural residential houses.

The number of dwellings are collected from Municipalities and Corporations for every year for urban areas and for rural, estimated from the sample data collected. The increase in house rent compiled for urban rural manual employees (Central Statistical Organisations' time scale) is applied to get the rental/dwelling of urban area for the subsequent years.

Value added at constant price is obtained by using the current constant ratio of All India Estimate(CSO).

(b) *Real Estate:*

The net value added in respect of Real Estate is worked out annually by analysing the balance sheet of the joint stock companies.

(c) *Business Service:*

The estimates are prepared following the same approach and same source of data as for other service (other than education and sanitary service).

12. Public Administration

The estimates are prepared separately for State Government, Central Government and Local bodies consisting of Municipalities, Corporations and Panchayats. For State Government the estimates are prepared in terms of compensation to employees obtained from the budget documents of the State. For the Central part the estimates are supplied by Central Statistical Organisation. Regarding the local bodies the data on expenditure on wages and salaries have been collected from all the Municipalities, Corporations and Panchayats.

Value added at constant price is worked out using the All India current constant ratio computed by Central Statistical Organisation.

13. Other Services

(1) *Education, Research and Scientific Services:*

Value added in respect of recognised educational institution is estimated by taking the expenditure on salaries and wages of teaching and non-teaching staff. For un-recognised educational institution 9.48% (1983-84 enterprise survey result) of recognised educational institution is taken.

Value added at constant price in educational sector is obtained by using the index of teacher student ratio.

(2) *Medical and Health Services:*

(a) *Public Sector.*—The expenditure on medical and health service on Public Sector have been obtained from the budget of the State.

(b) *Private Sector.*—The value added per worker for 1980-81 to 1983-84 is arrived at by interpolating the results of National Sample Survey 34th round OAE survey results and 1983-84 enterprises survey results. Per worker value added for rural and urban is obtained by using the wage rate of skilled workers and consumer price index of urban non-manual employees. The working force is worked out using 1971 and 1981 census results and the growth rate observed.

The data on working force for non-government sector is obtained therein as a residual subtracting public sector employment from total working force.

(3) *Sanitary Service:*

For sanitary service the estimates for public sector is worked out from the Municipal data collected each year.

(4) *Other Services:*

For rest of the other services namely legal services, religious and other community service, personal service and services not elsewhere classified the value added per worker is obtained similarly for medical and health service(private). Value added at constant prices for medical and health service, sanitary service and other service is obtained by using the index on number of workers.

STATE INCOME OF KERALA—A BRIEF ANALYSIS

The revised estimates of State Income for the financial year upto 1987-88 has been published in the previous document with 1980-81 as the base year. In this report estimates of State Domestic Product from 1989-90 to 1992-93 were computed and published with the same 1980-81 base year incorporating the growth

of State Income starting from 1980-81 onwards. N.S.D.P. at Current and Constant Prices and All India N.S.D.P. Per Capita Income of Kerala and All India and N.S.D.P. of different States etc. are given in different tables. Besides sector-wise N.S.D.P. from 1980-81 to 1992-93 are also published in this Booklet.

TABLE I
Net State Domestic Product at Constant and Current Prices

Year	<i>Net State Domestic Product at Constant Price and Percentage increase (in lakhs)</i>		<i>Net State Domestic Product at Current Price and Percentage increase</i>	
1980-81	382273		382273	
1981-82	377481	(-) 1.25	404973	5.94
1982-83	386851	2.48	471150	16.34
1983-84	371168	(-) 4.05	552328	17.23
1984-85	394158	6.19	614145	11.19
1985-86	408636	3.67	650341	5.89
1986-87	399277	(-) 2.29	735437	13.08
1987-88	416563	4.33	825756	12.28
1988-89	458410	10.05	918172	11.19
1989-90	489236	6.72	1066768	16.18
1990-91	526234	7.56	1217349	14.12
1991-92	536466	1.94	1510165	24.05
1992-93	575161	7.21	1717520	13.73

Table I indicates the growth of State income over the last one decade from 1980-81 and upto 1992-93 at Constant price and current prices. From the table given above it is clear that at current prices the income grows faster than at constant prices. The real income over 10 year period has witnessed a growth of 37.66% while the income at Current price recorded an increase of 218.45%. The real growth is actually

lagging far behind the inflationary growth. The widening gap between the two indicates the exorbitant rate of increase in price level. A desirable distance between the real growth and growth at current prices should be maintained to have a stable Economy. It also indicates that the percentage increase of income is real term and at current prices are showing a fluctuating trend over the decade.

TABLE II

N.S.D.P. of Kerala and All India at Constant Price 1980-81

<i>Year</i>	<i>N.S.D.P. Kerala in at 1980-81 Price (increases)</i>	<i>Percentage of All India</i>	<i>N.S.D.P. All India at 1980-81 Price (increases)</i>	<i>Percentage increase</i>
1980-81	3823	3.46	110340	..
1981-82	3775	3.22	117101	6.13
1982-83	3869	3.22	120320	2.75
1983-84	3712	2.85	130396	8.37
1984-85	3942	2.92	135021	3.55
1985-86	4086	2.91	140260	3.88
1986-87	3993	2.75	145418	3.68
1987-88	4166	2.75	151746	4.35
1988-89	4584	2.72	168382	10.96
1989-90	4892	2.77	176340	4.73
1990-91	5262	2.76	190780	8.19
1991-92	5365	2.70	198833	4.22
1992-93	5752	2.78	207041	4.13

A comparison of N. S. D. P. of the State with All India estimates at 1980-81 price level is represented in Table No. II. This shows that the N.S.D.P. of the State at constant prices is always lying below the All India average over

the last one decade. There was wide fluctuations in the rate of growth at All India level. Whereas the rate of fluctuations in the case of State is very low and it almost maintain a trend below 3% in these years.

TABLE III

Per Capita Income of Kerala and All India at 1980-81 Prices

Year	Per Capita Income of Kerala at 1980-81 Price		Per Capita Income at 1980-81 Price(All India)	
	Kerala Per Capita Income	Percentage Increase	Per Capita Income All India	Percentage increase
1980-81	1508	..	1625	..
1981-82	1469	-2.59	1687	3.82
1982-83	1485	1.09	1697	0.59
1983-84	1406	-5.32	1801	6.13
1984-85	1473	4.76	1827	1.44
1985-86	1507	2.31	1858	1.70
1986-87	1453	-3.58	1889	1.67
1987-88	1482	2.00	1933	2.33
1988-89	1614	8.91	2105	8.90
1989-90	1705	5.64	2169	3.04
1990-91	1815	6.45	2239	3.23
1991-92	1826	0.61	2250	0.49
1992-93	1932	5.81	..	..

Per capita income at 1980-81 prices for Kerala and All India is represented in Table-II. The per capita real income always remains far

below the All India average. This shows that the increase income is of always offsetted by the increase in population.

TABLE IV

Growth in Net State Domestic Products and Per Capita Income of Kerala

Year	At Current Prices				At Constant Prices			
	Net Domestic Product		Per Capita Income		Net Domestic Product		Per Capita Income	
	Rs. lakhs	Index	Rs.	Index	Rs. lakhs	Index	Rs.	Index
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1980-81	382273	100	1508	100	382273	100	1508	100
1981-82	404973	106	1576	105	377481	99	1469	97
1982-83	471150	123	1809	120	386851	101	1485	98
1983-84	552328	144	2092	139	371168	97	1406	93
1984-85	614145	161	2296	152	394158	103	1473	98
1985-86	650341	170	2398	159	408636	107	1507	100
1986-87	735437	192	2676	177	399297	104	1453	96
1987-88	825756	216	2937	195	416563	109	1482	98
1988-89	918172	240	3233	214	458410	120	1614	107
1989-90	1066768	279	3718	247	489236	128	1705	113
1990-91	1217349	318	4200	279	526234	138	1815	120
1991-92	1510165	395	5140	341	536466	140	1826	121
1992-93	1717520	449	5768	382	575161	150	1932	128

Gross State Domestic Product at

(at Current Prices)

(Base Year — 1980-81)

Sl.No.	Industry of Origin	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	135345	138000	161686	208200	225234	215930
2	Forestry and Logging	12532	8205	14583	8315	8723	9370
3	Fishing	8852	7338	9284	10439	10380	13613
4	Mining and Quarrying	548	750	897	831	1229	1161
Sub Total - Primary		157277	154293	186450	227785	245566	240074
5	Manufacturing	62304	72493	84131	89517	95011	104607
5.1	Registered	35095	40580	45066	50999	54885	59594
5.2	Un-registered	27209	31913	39065	38518	40126	45013
6	Electricity, Gas & Water supply	9251	8175	8203	8130	11482	11109
6.1	Electricity	8557	7324	7329	6972	10616	9649
6.2	Gas	85	95	101	109	87	459
6.3	Water supply	609	756	773	1049	779	1001
7	Construction	36297	40595	45047	55771	63539	81178
Sub Total - Secondary		107852	121263	137381	153418	170032	196894
8	Transport, Storage & Communication	22769	27176	33768	39868	50205	57942
8.1	Railways	1269	1884	2275	2570	2628	3729
8.2	Transport by Other means & storage	18331	22137	27610	32757	42161	48128
8.3	Communication	3169	3155	3883	4541	5416	6085
9	Trade, Hotel & Restaurants	60159	63178	73549	86180	93581	94656
10	Banking and Insurance	11648	16486	20138	23294	27713	32076
11	Real Estate & Ownership of Dwellings	20451	22270	24807	26077	27634	30486
12	Public Administration	17178	19285	20055	22144	29093	36666
13	Other Services	31236	37007	41102	48478	53832	63207
Sub Total - Tertiary		163441	185402	213419	246041	282058	315033
Gross State Domestic Product		428570	460958	537250	627244	697656	752001
Population ('000)		25357	25699	26046	26398	26754	27115
Per Capita Income(Rs.)		1690	1794	2063	2376	2608	2773

Population based on 1991 Census

*1993-94 Provisional

**1994-95 Quick estimates

V

Factor Cost by Industry of Origin

1980-81 to 1994-95

(Rs. in Lakhs)

1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94*	1994-95**
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
248430	277234	303214	328572	374558	557214	573863	581438	658130
10285	7584	6702	10288	8604	12559	14618	14811	15131
14038	12698	19873	31982	41231	55380	60939	61743	63077
1159	1599	2736	3125	4450	5228	6055	7017	8129
273912	299115	332525	373967	428843	630381	655475	665009	744467
114235	140852	154690	204191	220024	280517	315079	355847	401112
65600	95269	105951	134582	112221	152374	166647	181662	198030
48635	45583	48739	69609	107803	128143	148432	174185	203082
15560	14770	16997	21585	21782	21950	35222	37355	39681
13226	11919	13537	17555	16203	16510	29120	30585	32123
909	960	1099	1177	1383	1586	1862	2105	2426
1425	1891	2361	2853	4196	3854	4240	4665	5132
80450	86929	99894	107719	124283	136472	167731	191180	217907
210245	242551	271581	333495	366089	438939	518032	584382	658700
68632	83967	95638	110015	126971	149034	189957	226482	267439
4143	5391	6218	5686	6423	7496	9210	11130	12572
56811	69597	76552	89075	102123	120449	150864	176254	205917
7678	8979	12868	15254	18425	21089	29883	39098	48950
114602	127490	137209	151755	175436	192876	246437	281677	321956
37863	41245	50922	63160	73918	79227	92427	107182	124288
32085	33302	35926	39475	42629	46283	52851	57972	63589
45464	51558	55121	58731	80013	90261	102005	112011	122999
70795	78607	88334	90672	115911	125966	136539	147994	165605
369441	416169	463150	513808	614878	683647	820216	933318	1065876
853598	957835	1067256	1221270	1409810	1752967	1993723	2182709	2469043
27481	28114	28402	28693	28987	29378	29775	30177	30584
3106	3407	3758	4256	4864	5967	6696	7233	8073

Gross State Domestic Product at

(at Constant Prices)

(Base Year — 1980–81)

Sl.No.	Industry of Origin	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	135345	136737	135256	125540	139222	145373
2	Forestry and Logging	12532	7427	9011	5454	4936	4713
3	Fishing	8852	6660	7960	8673	7616	8090
4	Mining and Quarrying	548	690	602	458	702	659
	Sub Total – Primary	157277	151514	152829	140125	152476	158835
5	Manufacturing	62304	67303	73545	69876	68012	70754
5.1	Registered	35095	37630	39790	39559	37339	38945
5.2	Un-registered	27209	29673	33755	30317	30673	31809
6	Electricity, Gas & Water supply	9251	7605	7184	6242	7749	7167
6.1	Electricity	8557	6792	6471	5408	7222	6306
6.2	Gas	85	84	87	95	67	354
6.3	Water supply	609	729	626	739	460	507
7	Construction	36297	33272	30565	33116	33159	37458
	Sub Total – Secondary	107852	108180	111294	109234	108920	115379
8	Transport, Storage & Communication	22769	25216	27300	28816	32583	34743
8.1	Railways	1269	1529	1548	1635	1684	2023
8.2	Transport by Other means & storage	18331	20226	22169	23263	26755	28461
8.3	Communication	3169	3461	3583	3918	4144	4259
9	Trade, Hotel & Restaurants	60159	59972	62385	58896	63071	63835
10	Banking and Insurance	11648	12437	13930	15241	17243	19625
11	Real Estate & Ownership of Dwellings	20451	21035	21750	22491	23187	23818
12	Public Administration	17178	17440	18946	19747	21722	23656
13	Other Services	31236	32168	32951	33680	34276	35278
	Sub Total – Tertiary	163441	168268	177262	178871	192082	200955
	Gross State Domestic Product	428570	427962	441385	428230	453478	475169
	Population ('000)	25357	25699	26046	26398	26754	27115
	Per Capita Income (Rs.)	1690	1665	1695	1622	1695	1752

Population based on 1991 Census

*1993–94 Provisional

**1994–95 Quick estimates

Factor Cost by Industry of Origin

1980-81 to 1994-95

(Rs. in Lakhs)

1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94*	1994-95**
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
138542	144962	166929	163560	177182	192088	192573	204281	204077
4611	3274	3196	3510	2639	3505	3405	3612	3727
6918	5504	7310	6909	10569	9666	9935	10539	10873
788	790	1857	1274	1828	1912	2109	2275	2434
150859	154530	179292	175253	192218	207171	208022	220707	221111
65828	74691	79300	93341	91885	99381	106087	114420	123032
34136	48806	53782	60351	45618	54419	56110	58412	60521
31692	25885	25518	32990	46267	44962	49977	56008	62511
8110	7599	8636	11431	10337	8008	11941	12665	13394
6882	6107	6872	9495	7928	5896	9805	10361	10948
612	645	717	794	934	944	948	1023	1104
616	847	1047	1142	1475	1168	1188	1281	1342
34818	33396	37437	39308	42497	43104	46063	49684	52441
108756	115686	125373	144080	144719	150493	164091	176769	188867
37435	40318	42529	44809	47681	48289	60081	65101	70476
1986	2059	2127	1914	1970	2539	2451	2435	2419
30865	33393	34886	37065	39504	39311	49138	53245	57696
4584	4866	5516	5830	6207	6439	8492	9421	10361
62752	64623	70771	74369	75632	80497	83145	87468	91255
23536	27736	29692	36525	38505	37127	41694	47088	50271
24505	25446	26552	27036	38276	28811	29875	30977	32693
26536	28321	30020	32521	35122	33203	37523	39763	42137
35819	36570	37132	37756	38390	39501	42976	44445	45965
210583	223014	236696	253016	273606	267428	295294	314842	332797
470198	493230	541361	572349	610543	625092	667407	712318	742775
27481	28114	28402	28693	28987	29378	29775	30177	30584
1711	1754	1906	1995	2106	2128	2242	2360	2429

TABLE
Net State Domestic Product at
(at Current Prices)

(Base Year — 1980-81)

Sl.No.	Industry of Origin	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	129384	131163	153826	199323	214908	203536
2	Forestry and Logging	12382	8048	14364	8097	8448	9018
3	Fishing	7743	6292	7923	8938	8942	11777
4	Mining and Quarrying	461	640	754	690	1014	920
	Sub Total - Primary	149970	146143	176867	217048	233312	225251
5	Manufacturing	53152	61585	71171	75013	79448	86335
5.1	Registered	29030	33461	36610	41755	45368	47610
5.2	Un-registered	24122	28124	34561	33258	34080	38725
6	Electricity, Gas & Water Supply	5509	3647	2797	1785	4307	2360
6.1	Electricity	5077	3111	2293	1102	3772	1363
6.2	Gas	85	95	101	109	87	459
6.3	Water supply	347	441	403	574	448	538
7	Construction	34496	38427	42657	52889	60378	77439
	Sub Total - Secondary	93157	103659	116625	129687	144133	166134
8	Transport, Storage & Communication	13625	14725	18781	23676	32009	37448
8.1	Railways	419	835	1010	1181	1039	1529
8.2	Transport by Other means & storage	10770	11482	14769	18976	26838	31446
8.3	Communication	2436	2408	3002	3519	4132	4473
9	Trade, Hotel & Restaurants	57577	60383	70111	81958	88750	89131
10	Banking and Insurance	11428	16206	19803	22873	27198	31424
11	Real Estate & Ownership of Dwellings	12198	12359	13152	12868	13159	10463
12	Public Administration	15133	16873	17489	19259	25191	30806
13	Other Services	29185	34625	38322	44959	50393	59684
	Sub Total - Tertiary	139146	155171	177658	205593	236700	258956
	Net State Domestic Product	382273	404973	471150	552328	614145	650341
	Population ('000)	25357	25699	26046	26398	26754	27115
	Per Capita Income (Rs.)	1508	1576	1809	2092	2296	2398

Population based on 1991 Census

*1993-94 Provisional

**1994-95 Quick estimates

VII

Factor Cost by Industry of Origin

1980-81 to 1994-95

(Rs. in Lakhs)

1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94*	1994-95**
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
234755	261685	285915	308536	351843	527417	544163	551346	624069
9872	7170	6287	9996	8376	12446	14477	14668	14998
12104	10661	16845	28370	37193	50685	56049	56789	58067
912	1159	1966	2219	3189	3528	4106	4652	5345
257643	280675	311013	349121	400601	594076	618795	627455	702479
90178	112815	131873	177944	191390	232742	265457	305367	350178
48892	75186	92453	120182	100146	124154	137984	154694	172685
41286	37629	39420	57762	91244	108588	127473	150673	177493
5920	3420	3163	12585	11632	12015	23424	24770	26251
4305	1523	1014	10140	8709	9147	20275	21295	22366
909	960	1099	1177	1383	1586	1862	2105	2426
706	937	1050	1268	1540	1282	1287	1370	1459
76657	82617	94989	102161	117771	129213	159965	182504	208219
172755	198852	230025	292690	320793	373970	448846	512641	584648
44678	56718	64082	73748	80428	87275	112323	132317	153406
1898	2967	3336	2881	3310	3769	5013	6547	7577
37016	47032	50493	59076	62853	67368	84210	94803	106729
5764	6719	10253	11791	14265	16138	23100	30967	39100
107859	125020	129161	142853	164734	180437	230543	261205	295945
37053	39359	49637	61310	71661	76413	88841	103164	119794
9055	7572	4347	4031	4353	586	649	718	795
39146	44417	48096	55206	69447	77716	87077	99755	114279
67248	73143	81811	87809	105332	119692	130446	146412	164449
305039	346229	377134	424957	495955	542119	649879	743571	848668
735437	825756	918172	1066768	1217349	1510165	1717520	1883667	2135795
27481	28114	28402	28693	28987	29378	29775	30177	30584
2676	2937	3233	3718	4200	5140	5768	6242	6983

Net State Domestic Product at

(at Constant Prices)

(Base Year — 1980-81)

Sl.No.	Industry of Origin	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	129384	130483	128638	118576	131975	137924
2	Forestry and Logging	12382	7283	8832	5288	4749	4507
3	Fishing	7743	5797	6958	7691	6764	7042
4	Mining and Quarrying	461	590	481	345	540	496
Sub Total - Primary		149970	144153	144909	131900	144028	149969
5	Manufacturing	53152	57178	62187	58565	56916	58480
5.1	Registered	29030	31028	32324	32388	30865	31114
5.2	Un-registered	24122	26150	29863	26177	26051	27366
6	Electricity, Gas & Water Supply	5509	3394	2438	1354	2898	1518
6.1	Electricity	5077	2885	2025	855	2566	891
6.2	Gas	85	84	87	95	67	354
6.3	Water supply	347	425	326	404	265	273
7	Construction	34496	31495	28944	31405	31509	35732
Sub Total - Secondary		93157	92067	93569	91324	91323	95730
8	Transport, Storage & Communication	13625	14271	14832	15691	18644	21034
8.1	Railways	419	646	629	686	705	836
8.2	Transport by Other means & storage	10770	10841	11352	11879	14717	16967
8.3	Communication	2436	2784	2851	3126	3222	3231
9	Trade, Hotel & Restaurants	57577	57398	59707	56368	60364	61095
10	Banking and Insurance	11428	12098	13654	14914	16867	19193
11	Real Estate & Ownership of Dwellings	12198	12166	12567	12178	11840	9011
12	Public Administration	15133	15375	17005	17515	19267	20208
13	Other Services	29185	29953	30608	31278	31825	32396
Sub Total - Tertiary		139146	141261	148373	147944	158807	162937
Net State Domestic Product		382273	377481	386851	371168	394158	408636
Population ('000)		25357	25699	26046	26398	26754	27115
Per Capita Income (Rs.)		1508	1469	1485	1406	1473	1507

Population based on 1991 Census

*1993-94 Provisional

**1994-95 Quick estimates

VIII

Factor Cost by Industry of Origin

1980-81 to 1994-95

(Rs. in Lakhs)

1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94*	1994-95**
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
130949	136601	156894	154730	176135	181816	182606	193708	193514
4389	3072	2998	3404	2561	3474	3375	3580	3697
5917	4592	6505	5457	9380	8847	9138	9694	10010
647	525	1334	905	1310	1290	1431	1544	1652
141902	144790	167731	164496	189386	195427	196550	208526	208873
52345	59886	67569	81268	79871	82442	89379	96464	103794
25442	38518	46930	53893	40710	44341	46459	48364	50110
26903	21368	20639	27375	39161	38101	42920	48100	53684
3157	1845	1695	6786	5736	4599	8136	8626	9135
2240	780	512	5484	4261	3267	6827	7214	7623
612	645	717	794	934	944	948	1023	1104
305	420	466	508	541	388	361	389	408
33176	31876	35599	37280	40270	40811	43931	47384	50014
88678	93607	104863	125334	125877	127852	141446	152474	162943
22214	24012	24819	25125	29491	34579	43254	48519	54732
807	872	879	837	873	1442	1199	1139	1232
17966	19538	19755	19953	24165	28667	35833	40577	45949
3441	3602	4185	4335	4453	4470	6222	6803	7551
60059	61849	67734	71177	72386	77043	79577	83722	87363
23029	27145	28974	35596	38505	36083	40324	45628	50533
7639	6324	3448	2760	2813	365	404	447	495
22889	25269	26758	30095	32501	28846	32599	34431	36345
32887	33567	34083	34653	35275	36271	41007	42712	44820
168717	178166	185816	199406	210971	213187	237165	255459	274288
399297	416563	458410	489236	526234	536466	575161	616459	646104
27481	28114	28402	28693	28987	29378	29775	30177	30584
1453	1482	1614	1705	1815	1826	1932	2043	2113

SECTORAL CONTRIBUTION

A study of sectoral composition of State Income reveals the role of each sector in the economy and the extent of its influence in the over all economic development of our State. The change in sectoral composition indicates the structural shifts that are taking place over the years in the economy. The following two tables give the structural shifts both at current and constant (1980-81) prices for the years 1980-81 prices for the years 1980-81 to 1992-93 along with percentage distribution.

As seen from the tables that the share of primary sector both at current prices and constant prices is less when compared with the tertiary sector. In 1980-81 the contribution of primary sector was 39.23% whereas the contribution of tertiary sector was 36.40%. But in 1992-93 the contribution of tertiary sector is 41.24% as against the primary sector whose contribution is 34.17%. These changes in sectoral pattern reveal that the economy of Kerala is more depending on tertiary

sector than Agricultural sector. In otherwards the economy of Kerala is gradually shifting from agricultural activities to non-agricultural activities. Dwindling of N. D. P. in the Agricultural front and corresponding increases in secondary and tertiary is a good sign of development because almost in all under development countries the major income contribution is from agriculture. We were also depending mostly on agricultural till 1980-81 and from 1980-81 onwards the contribution of primary sector decreases with corresponding increase in Tertiary sector. This can also be seen in the employment front also. The shift in labour force from Agriculture to Non-agriculture sectors was conspicuously noticed in 1980-81 Census also. Tremendous development has taken place in the transportation, Banking, Hotels, trade and communication etc. This trend shows that our agrarian economy is moving forward to catch up with the developed nations.

TABLE XI
State Income by Broad Sectors - 1980-81 to 1992-93 (at Constant Prices)

KERALA	Year	Primary Sector			Secondary Sector			Tertiary Sector			Net State Domestic Product	Population	Per Capita Income (Rs.)
		Agriculture	Forestry, Fishing and Mining	Total	Manufacturing	Electricity, Gas, Water Supply and Construction	Total	Transport Storage and Communications	Trade, Hotels, Real Estate and Public Administration	Total			
	1980-81	129384	20586	149970	53152	40005	93157	13625	125521	139146	25357	1508	
	1981-82	130483	13670	144153	57178	34889	92067	14271	126990	141261	25699	1469	
	1982-83	128638	16221	144909	62187	31382	93569	14832	133541	148373	26046	1485	
	1983-84	118576	13324	131900	58565	32759	91324	15691	132253	147944	26398	1406	
	1984-85	131975	12053	144028	56916	34407	91323	18644	140163	158807	26754	1473	
	1985-86	137924	12045	149969	58480	37250	95730	21034	141903	162937	27115	1507	
	1986-87	130949	10953	141902	52345	36333	88678	22214	146503	168717	27481	1453	
	1987-88	136601	8189	144790	59886	33721	93607	24012	154154	178166	28114	1482	
	1988-89	156894	10837	167731	67569	37294	104863	24819	160997	185816	28402	1614	
	1989-90	154730	9766	164496	81268	44066	125334	25125	174281	199406	28693	1705	
	1990-91	176135	13251	189386	79871	46006	125877	29491	181480	210971	28987	1815	
	1991-92	181810	13611	195427	82442	45410	127852	34579	178608	213187	29378	1826	
	1992-93	182606	13944	196550	89379	63095	152474	43254	193911	237165	29777	1932	

TABLE XII

State Income by Broad Sectors — 1980-81 to 1992-93 (at Current Prices)

KERALA

Year	Primary Sector			Secondary Sector			Tertiary Sector			Net State Domestic Product	Population	Per Capita Income (Rs.)
	Agriculture	Forestry, Fishing and Mining	Total	Manufacturing	Electricity, Gas, Water Supply and Construction	Total	Transport Storage and Communications	Trade, Hotels, Real Estate and Public Administration	Total			
1980-81	129384	20586	149970	53152	40005	93157	13625	125521	139146	382273	25357	1508
1981-82	131163	14980	146143	61585	42074	103659	14725	140446	155171	404973	25699	1576
1982-83	153826	23041	176867	71171	45454	116625	18781	158877	177658	471150	26046	1809
1983-84	199323	17725	217048	75013	54674	129687	23676	181917	205593	552328	26398	2092
1984-85	214908	18404	233312	79448	64685	144133	32009	204691	236700	614145	26754	2296
1985-86	203536	21715	225251	86335	79799	166134	37448	221508	258956	650341	27115	2398
1986-87	234755	22888	257643	90178	82577	172755	44678	260361	305039	735437	27481	2676
1987-88	261685	18990	280675	112815	86037	198852	56718	289511	346229	825756	28114	2937
1988-89	285915	25098	311013	131873	98152	230025	64082	313052	377134	918172	28402	3233
1989-90	308536	40585	349121	177944	114746	292690	73748	351209	424957	1066768	28693	3718
1990-91	351843	48758	400601	191390	129403	320793	80428	415527	495955	1217349	28987	4200
1991-92	527417	66659	594076	232742	141228	373970	87275	454844	542119	1510165	29378	5140
1992-93	544163	74632	618795	265457	183389	448846	112323	537556	649879	1717520	29775	5768

TABLE XIII

State Income by Broad Sectors — 1980-81 to 1991-92 (at Constant Prices) [Percentage Increase]

Year	Primary				Secondary			Tertiary				Net State Domestic Product	Per Capita Income	
	Agriculture	Forestry, Fishing and Mining	Total	Manufacturing	Electricity Gas and Construction	Transport, Storage and Communications	Trade, Hotels, Real Estate, Public Administration	Total	Total	Total				
1980-81	..	..	..	..	..	..	..	..	..	..	..	..	..
1981-82	0.85	(-33.60)	(-3.88)	7.57	(-12.79)	4.74	1.17	1.52	(-1.17)	4.74	1.17	1.52	(-1.25)	(-2.59)
1982-83	(-1.38)	18.66	0.52	8.76	(-10.05)	3.93	5.16	5.03	1.63	3.93	5.16	5.03	2.48	1.09
1983-84	(-7.86)	(-17.88)	(-8.97)	(-5.82)	4.39	5.79	(-0.96)	(-0.29)	(-2.40)	5.79	(-0.96)	(-0.29)	(-4.05)	(-5.32)
1984-85	11.30	(-9.54)	9.19	(-2.82)	5.03	18.82	5.98	7.34	..	18.82	5.98	7.34	6.19	4.77
1985-86	4.51	(-0.07)	4.12	2.75	8.26	12.82	1.24	2.60	4.83	12.82	1.24	2.60	3.67	2.31
1986-87	(-5.06)	(-9.07)	(-5.38)	(-10.49)	(-2.46)	5.61	3.24	3.55	(-7.37)	5.61	3.24	3.55	(-2.29)	(-3.58)
1987-88	4.32	(-25.24)	2.04	14.41	(-7.19)	8.09	5.22	5.60	5.56	8.09	5.22	5.60	4.32	2.00
1988-89	10.46	32.34	15.84	12.83	10.60	3.36	4.44	4.29	12.02	3.36	4.44	4.29	10.05	8.91
1989-90	1.38	(-9.88)	(-1.93)	20.27	18.16	1.23	8.25	7.31	19.52	1.23	8.25	7.31	6.72	5.64
1990-91	13.83	35.69	15.13	(-11.72)	4.40	17.38	4.13	5.80	0.43	17.38	4.13	5.80	7.56	6.45
1991-92	3.22	2.72	3.19	3.22	(-1.30)	17.25	(-1.58)	1.05	1.57	17.25	(-1.58)	1.05	1.94	0.61
1992-93	0.43	2.45	0.57	8.41	14.66	25.09	8.57	11.25	10.63	25.09	8.57	11.25	7.21	5.81

KERALA

TABLE XIV
State Income by Broad Sectors — 1980-81 to 1991-92 (at Current Prices) (Percentage Increase)

KERALA

Year	Primary			Secondary			Tertiary			Net State Domestic Product	Per Capita Income
	Agriculture	Forestry, Fishing and Mining	Total	Manufacturing	Electricity, Gas, Constructions	Total	Transport, Storage and Communications	Trade, Hotels, Real Estate Public Administration	Total		
1980-81	..	..	..	..	..	..	..	..	..	..	..
1981-82	1.37	(-)27.23	(-)2.55	15.87	5.17	11.27	8.07	11.89	11.52	5.94	4.51
1982-83	17.28	53.81	21.02	15.57	8.03	12.51	27.54	13.12	14.49	16.34	14.78
1983-84	29.58	(-)23.07	22.72	5.40	20.28	11.20	26.06	14.50	15.72	17.23	15.64
1984-85	7.82	3.83	7.49	5.91	18.31	11.14	35.20	12.52	15.13	11.19	9.75
1985-86	(-)5.29	17.99	(-)3.46	8.67	23.37	15.26	16.99	8.22	9.40	5.89	4.44
1986-87	15.34	5.40	14.38	4.45	3.48	3.99	19.31	17.54	17.80	13.08	11.59
1987-88	11.47	(-)17.03	8.94	25.10	4.19	15.11	26.95	11.20	13.50	12.28	9.75
1988-89	9.26	32.16	10.81	16.89	14.08	15.68	12.98	8.13	8.93	11.19	10.08
1989-90	7.91	61.71	12.25	34.94	16.91	27.24	15.08	12.19	12.68	16.18	15.00
1990-91	14.04	20.14	14.75	7.56	12.77	9.60	9.06	18.31	16.71	14.12	12.96
1991-92	49.90	36.71	48.30	21.61	9.14	16.58	8.51	9.46	9.31	24.05	22.38
1992-93	3.19	11.96	4.16	14.06	29.85	20.02	28.70	18.18	19.88	13.73	12.22

Net State Domestic Product and Per Capita Income at 1960-61 Prices

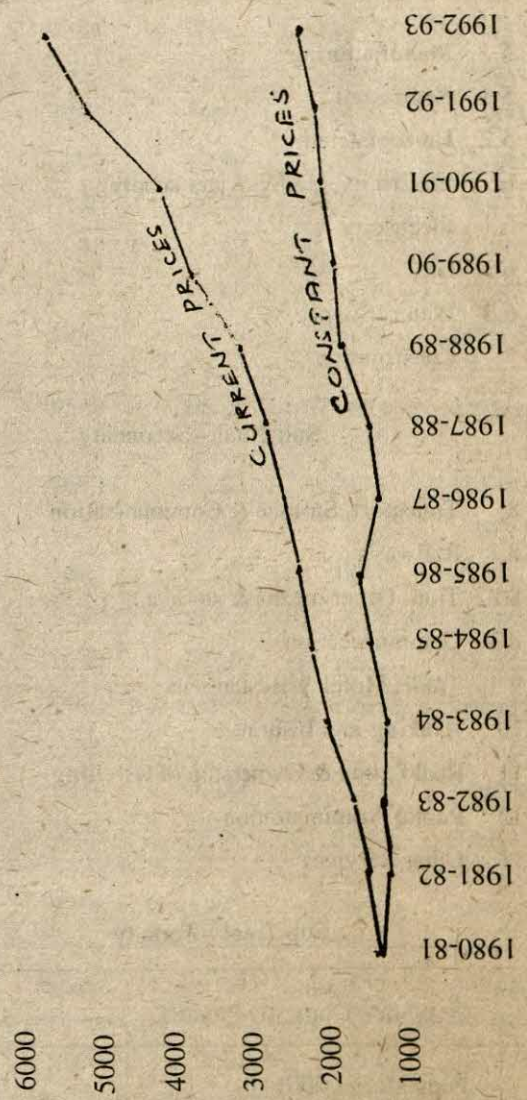
Year	N. S. D. P.	N. S. D. P. at 1960-61 (Prices in Lakhs)	Percentage change	Population ('000)	Per Capita Income	Per Capita Income at 1960-61 Prices	Per- centage change
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1960-61	..	43222	..	16714	259	258.6	..
1961-62	..	43825	1.40	17096	256	256.3	-0.89
1962-63	..	45448	3.70	17488	260	259.9	1.40
1963-64	..	46357	2.00	17890	259	259.1	-0.31
1964-65	..	48353	4.31	18302	264	264.2	1.97
1965-66	..	48839	1.01	18725	261	260.8	-1.29
1966-67	..	51378	5.20	19158	268	268.2	2.84
1967-68	..	54788	6.64	19601	280	279.5	4.21
1968-69	..	57447	4.85	20056	286	286.4	2.47
1969-70	..	59965	4.38	20521	292	292.2	2.03
1970-71	125464	62420	4.09	21126	594	295.5	1.13
1971-72	132278	65810	5.43	21571	613	305.1	3.25
1972-73	135500	67413	2.44	22026	615	306.1	0.33
1973-74	134897	67113	-0.45	22473	600	298.6	-2.45

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1974-75	136311	67816	1.05	22914	595	296.0	-0.87
1975-76	142323	70807	4.41	23345	610	303.3	2.47
1976-77	140605	69953	-1.21	23763	592	294.4	-2.93
1977-78	142554	70922	1.39	24167	590	293.5	-0.31
1978-79	145645	72460	2.17	24554	593	295.1	0.55
1979-80	152031	75637	4.38	24829	612	304.6	3.22
1980-81	382273	80930	7.0	25357	1508	319.2	4.79
1981-82	377481	79916	-1.25	25699	1469	311.0	-2.57
1982-83	386851	81899	2.48	26046	1485	314.4	1.09
1983-84	371168	78579	-4.05	26398	1406	297.7	-5.31
1984-85	394158	83446	6.19	26754	1473	311.9	4.77
1985-86	408636	86511	3.67	27115	1507	319.1	2.31
1986-87	399297	84534	-2.29	27481	1453	307.6	-3.60
1987-88	416563	88189	4.32	28114	1482	313.7	1.98
1988-89	458410	97049	10.05	28402	1614	341.7	8.93
1989-90	489236	103575	6.72	28693	1705	361.0	5.65
1990-91	526234	111408	7.56	28987	1815	384.3	6.45
1991-92	536466	113574	1.94	29378	1826	386.6	0.60
1992-93	575161	121766	7.21	29775	1932	409.0	5.79

TABLE XVI

Per Capita Income of Kerala at Current and Constant (1980-81) Prices

Year	Per capita at Current Prices	Per capita at Constant Prices
1980-81	1508	1508
1981-82	1576	1469
1982-83	1809	1485
1983-84	2092	1406
1984-85	2296	1473
1985-86	2398	1507
1986-87	2676	1453
1987-88	2937	1482
1988-89	3233	1614
1989-90	3718	1705
1990-91	4200	1815
1991-92	5140	1826
1992-93	5768	1932



**District-wise Distribution of the Net State
At Factor Cost by Industry of Origin**

(Base Year — 1980-81)

<i>Sl.No.</i>	<i>Industry of Origin</i>	<i>TVM.</i>	<i>KLM.</i>	<i>PTA.</i>	<i>ALPA.</i>	<i>KTM.</i>	<i>IKI.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	42820	42800	24832	27225	41525	36681
2	Forestry and Logging	634	1112	2022	..	145	3843
3	Fishing	2544	12062	67	5078	415	28
4	Mining and Quarrying	178	245	108	153	169	35
Sub Total – Primary		46176	56219	27029	32456	42254	40587
5	Manufacturing	23486	23583	6999	18009	6566	3510
5.1	Registered	6927	13398	842	5657	524	2235
5.2	Un-registered	16559	10185	6157	12352	6042	1275
6	Electricity, Gas & Water supply	3803	2223	1139	1945	2071	1854
6.1	Electricity	3153	2017	1018	1719	1861	1776
6.2	Gas	189	160	81	136	124	71
6.3	Water Supply	461	46	40	90	86	7
7	Construction	17212	10510	5311	8942	3247	10174
Sub Total – Secondary		44501	36316	13449	28896	11884	15538
8	Transport, Storage & Communication	14400	7578	4688	7298	8491	2531
8.1	Railways	486	321	..	236	321	..
8.2	Tran. Other means & storage	10172	5432	3764	5676	6299	1861
8.3	Communication	3742	1825	924	1386	1871	670
9	Trade, Hotel & Restaurants	20057	15216	9452	17291	15907	5764
10	Banking and Insurance	11638	7729	5242	5686	6663	1688
11	Real Estate & Ownership of Dwelling	71	49	24	44	38	14
12	Public Administration	20689	7375	3858	5913	6418	1445
13	Other Services	14610	10827	4174	10044	10697	3522
Sub Total – Tertiary		81465	48774	27438	46276	48214	14964
Net State Domestic Product		172142	141309	67916	107628	102352	71089
Population ('000)		3016	2462	1215	2048	1870	1105
Per Capita Income (Rs.)		5708	5740	5590	5255	5473	6433

XVII

Domestic Product and Per Capita Income of Kerala

for the Year 1992-93 (At Current Prices)

(Rs. in Lakhs)								
<i>EKM.</i>	<i>TSR.</i>	<i>PLKD.</i>	<i>MLPM.</i>	<i>KKD.</i>	<i>WYD.</i>	<i>KNR.</i>	<i>KSGD.</i>	<i>State</i>
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
47473	43702	50465	46450	44676	22868	46065	26581	544163
401	1307	2069	982	379	1141	297	145	14477
10980	3537	213	5156	11182	..	2175	2612	56049
401	369	299	465	643	38	691	312	4106
59255	48915	53046	53053	56880	24047	49228	29650	618795
74653	30769	21105	5422	23868	4384	17106	5997	265457
58795	19883	8307	1904	9438	649	7686	1739	137984
15858	10886	12798	3518	14430	3735	9420	4258	127473
2737	2140	1533	909	1710	185	810	365	23424
2370	1880	1353	677	1433	136	608	274	20275
185	177	150	176	164	42	142	65	1862
182	83	30	56	113	7	60	26	1287
31305	17724	10398	9838	16316	1280	12269	5439	159965
108695	50633	33036	16169	41894	5849	30185	11801	448846
20006	12725	6269	7530	8939	1673	7723	2472	112323
506	376	787	541	752	..	687	..	5013
16589	9785	3773	5718	6408	1373	5558	1802	84210
2911	2564	1709	1271	1779	300	1478	670	23100
26512	23746	18443	18674	26282	3689	20288	9222	230543
17058	9239	5508	4176	5952	1155	4886	2221	88841
129	71	73	29	45	6	42	14	649
9396	6757	5738	4720	6844	1019	6844	61	87077
14219	13827	9001	10305	12262	1826	10436	4696	130446
87320	66365	45032	45434	60324	9368	50219	18686	649879
255270	165913	131114	114656	159098	39264	129632	60137	1717520
2882	2802	2439	3168	2680	688	2304	1096	29775
8857	5921	5376	3619	5936	5707	5626	5487	5768

**District-wise Distribution of the Net State Domestic
at Factor Cost by Industry of Origin for the**

(Base Year — 1980-81)

<i>Sl.No.</i>	<i>Industry of Origin</i>	<i>TVM.</i>	<i>KLM.</i>	<i>PTA.</i>	<i>ALPA.</i>	<i>KTM.</i>	<i>IKI.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	14369	14362	8333	9136	13935	12309
2	Forestry and Logging	148	259	471	..	34	896
3	Fishing	415	1966	11	828	68	4
4	Mining and Quarrying	62	85	38	53	59	12
Sub Total – Primary		14994	16672	8853	10017	14096	13221
5	Manufacturing	7907	7940	2356	6064	2211	1182
5.1	Registered	2332	4511	283	1905	177	753
5.2	Un-registered	5575	3429	2073	4159	2034	429
6	Electricity, Gas & Water supply	1288	774	394	673	714	636
6.1	Electricity	1062	679	342	579	627	598
6.2	Gas	97	82	41	69	63	36
6.3	Water Supply	129	13	11	25	24	2
7	Construction	4727	2886	1458	2456	892	2794
Sub Total – Secondary		13922	11600	4208	9193	3817	4612
8	Transport, Storage & Communication	5453	2880	1851	2844	3261	973
8.1	Railways	116	77	..	56	77	..
8.2	Tran. Other means & storage	4329	2311	1602	2415	2680	792
8.3	Communication	1008	492	249	373	504	181
9	Trade, Hotel & Restaurants	6931	5284	3255	5976	5483	1989
10	Banking and Insurance	5283	3508	2379	2581	3024	766
11	Real Estate & Ownership of Dwelling	44	31	15	27	24	9
12	Public Administration	7746	2761	1444	2214	2403	541
13	Other Services	4593	3404	1312	3158	3363	1107
Sub Total – Tertiary		30050	17868	10256	16800	17558	5385
Net State Domestic Product		58966	46140	23317	36010	35471	23218
Population ('000)		3016	2462	1215	2048	1870	1105
Per Capita Income (Rs.)		1955	1874	1919	1758	1897	2101

XVIII

Product and Per Capita Income of Kerala

year 1992-93 (At Constant Prices)

(Rs. in Lakhs)

<i>EKM.</i>	<i>TSR.</i>	<i>PLKD.</i>	<i>MLPM.</i>	<i>KKD.</i>	<i>WYD.</i>	<i>KNR.</i>	<i>KSGD.</i>	<i>State</i>
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
15931	14665	16935	15587	14992	7674	15458	8920	182606
94	305	482	229	88	266	69	34	3375
1790	577	35	841	1823	..	354	426	9138
140	129	104	162	224	13	241	109	1431
17955	15676	17556	16819	17127	7953	16122	9489	196550
25135	10360	7106	1826	8037	1476	5760	2019	89379
19796	6695	2797	641	3178	218	2588	585	46459
5339	3665	4309	1185	4859	1258	3172	1434	42920
944	746	539	334	598	69	294	133	8136
798	633	455	228	483	46	205	92	6827
95	90	76	90	83	21	72	33	948
51	23	8	16	32	2	17	8	361
8597	4868	2855	2702	4481	351	3370	1494	43931
34676	15974	10500	4862	13116	1896	9424	3646	141446
7964	4945	2253	2905	3386	665	2927	947	43254
121	90	188	130	180	..	164	..	1199
7059	4164	1605	2433	2727	584	2365	767	35833
784	691	460	342	479	81	398	180	6222
9112	8204	6390	6422	9120	1265	6987	3159	79577
7742	4194	2500	1895	2702	524	2218	1008	40324
80	44	45	18	28	4	26	9	404
3517	2530	2148	1767	2562	381	2562	23	32599
4470	4347	2829	3239	3855	574	3280	1476	41007
32885	24264	16165	16246	21653	3413	18000	6622	237165
85516	55914	44221	37927	51896	13262	43546	19757	575161
2882	2802	2439	3168	2680	688	2304	1096	29775
2967	1996	1813	1197	1936	1928	1890	1803	1932

**District-wise Distribution of the Net State Domestic
at Factor Cost by Industry of Origin for the**

<i>Sl.No.</i>	<i>Industry of Origin</i>	<i>TVM.</i>	<i>KLM.</i>	<i>PTA.</i>	<i>ALPA.</i>	<i>KTM.</i>	<i>IKI.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	43385	43365	25160	27584	42073	37165
2	Forestry and Logging	642	1127	2049	..	147	3894
3	Fishing	2578	12221	68	5145	420	28
4	Mining and Quarrying	202	278	123	173	191	40
Sub Total – Primary		46807	56991	27400	32902	42831	41127
5	Manufacturing	27338	27060	8222	20942	7730	4013
5.1	Registered	7766	15021	944	6342	588	2506
5.2	Un-registered	19572	12039	7278	14600	7142	1507
6	Electricity, Gas & Water supply	4016	2350	1202	2055	2187	1952
6.1	Electricity	3311	2119	1069	1806	1955	1865
6.2	Gas	214	181	91	154	140	80
6.3	Water Supply	491	50	42	95	92	7
7	Construction	19637	11991	6059	10202	3705	11607
Sub Total – Secondary		50991	41401	15483	33199	13622	17572
8	Transport, Storage & Communication	17104	8980	5475	8556	10018	2993
8.1	Railways	635	419	..	308	419	..
8.2	Tran. Other means & storage	11452	6115	4238	6390	7091	2095
8.3	Communication	5017	2446	1237	1858	2508	898
9	Trade, Hotel & Restaurants	22725	17240	10710	19590	18023	6530
10	Banking and Insurance	13515	8975	6087	6603	7737	1960
11	Real Estate & Ownership of Dwelling	79	55	26	48	42	16
12	Public Administration	23642	8479	4389	6783	7382	1696
13	Other Services	16398	12152	4685	11274	12006	3953
Sub Total – Tertiary		93463	55881	31372	52854	55208	17148
Net State Domestic Product		191261	154273	74255	118955	111661	75847
Population ('000)		3057	2495	1231	2076	1895	1120
Per Capita Income (Rs.)		6256	6183	6032	5730	5892	6772

XIX

Product and Per Capita Income of Kerala

year 1993-94 (At Current Prices)

(Rs. in Lakhs)

<i>EKM.</i>	<i>TSR.</i>	<i>PLKD.</i>	<i>MLPM.</i>	<i>KKD.</i>	<i>WYD.</i>	<i>KNR.</i>	<i>KSGD.</i>	<i>State</i>
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
48100	44279	51131	47063	45266	23170	46673	26932	551346
406	1324	2096	995	384	1156	301	147	14668
11125	3584	216	5224	11330	..	2204	2646	56789
455	418	339	527	728	43	782	353	4652
60086	49605	53782	53809	57708	24369	49960	30078	627455
84659	35158	24441	6293	27637	5142	19751	6981	305367
65915	22291	9313	2135	10581	727	8616	1949	154694
18744	12867	15128	4158	17056	4415	11135	5032	150673
2893	2263	1621	969	1811	197	864	390	24770
2489	1974	1420	711	1506	143	639	288	21295
210	201	169	198	185	47	161	74	2105
194	88	32	60	120	7	64	28	1370
35716	20222	11863	11224	18615	1460	13998	6205	182504
123268	57643	37925	18486	48063	6799	34613	13576	512641
23239	14945	7567	8847	10582	1948	9136	2927	132317
661	491	1028	707	982	..	897	..	6547
18676	11016	4247	6437	7215	1545	6257	2029	94803
3902	3438	2292	1703	2385	403	1982	898	30967
30039	26904	20896	21158	29777	4179	22986	10448	261205
19807	10729	6396	4849	6912	1341	5674	2579	103164
142	79	80	32	50	7	46	16	718
10873	7681	6584	5387	7781	1197	7781	100	99755
15959	15520	10101	11567	13763	2050	11713	5271	146412
100059	75858	51624	51840	68865	10722	57336	21341	743571
283413	183106	143331	124135	174636	41890	141909	64995	1883667
2921	2840	2472	3211	2716	697	2335	1111	30177
9703	6447	5798	3866	6430	6010	6077	5850	6242

TABLE
District-wise Distribution of the Net State Domestic
at Factor Cost by Industry of Origin for the

(Base Year : 1980-81)

Sl.No.	Industry of Origin	TVM.	KLM.	PTA.	ALPA.	KTM.	IKI.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	15243	15235	8840	9691	14782	13057
2	Forestry and Logging	157	275	500	..	36	950
3	Fishing	440	2086	12	878	72	4
4	Mining and Quarrying	67	92	41	57	63	13
Sub Total - Primary		15907	17688	9393	10626	14953	14024
5	Manufacturing	8676	8539	2618	6644	2464	1265
5.1	Registered	2428	4696	295	1983	184	784
5.2	Un-registered	6248	3843	2323	4661	2280	481
6	Electricity, Gas & Water supply	1366	820	419	714	756	673
6.1	Electricity	1122	718	362	612	662	632
6.2	Gas	104	88	45	75	68	39
6.3	Water Supply	140	14	12	27	26	2
7	Construction	5099	3113	1573	2649	962	3014
Sub Total - Secondary		15141	12472	4610	10007	4182	4952
8	Transport, Storage & Communication	6114	3228	2086	3197	3659	1094
8.1	Railways	110	73	..	54	73	..
8.2	Tran. Other means & storage	4902	2617	1814	2735	3035	897
8.3	Communication	1102	538	272	408	551	197
9	Trade, Hotel & Restaurants	7292	5559	3424	6288	5768	2093
10	Banking and Insurance	5977	3970	2692	2920	3422	867
11	Real Estate & Ownership of Dwelling	49	34	17	30	26	10
12	Public Administration	8181	2916	1525	2338	2538	572
13	Other Services	4784	3545	1367	3289	3502	1153
Sub Total - Tertiary		32397	19252	11111	18062	18915	5789
Net State Domestic Product		63445	49412	25114	38695	38050	24765
Population ('000)		3057	2495	1231	2076	1895	1120
Per Capita Income (Rs.)		2075	1980	2040	1864	2008	2211

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Product and Per Capita Income of Kerala

year 1993-94 (At Constant Prices)

(Rs. in Lakhs)

<i>EKM.</i>	<i>TSR.</i>	<i>PLKD.</i>	<i>MLPM.</i>	<i>KKD.</i>	<i>WYD.</i>	<i>KNR.</i>	<i>KSGD.</i>	<i>State</i>
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
16900	15557	17965	16535	15903	8140	16398	9462	193708
100	324	511	243	93	282	73	36	3580
1899	612	37	892	1934	..	376	452	9694
151	139	113	175	242	14	260	117	1544
19050	16632	18626	17845	18172	8436	17107	10067	208526
26592	11077	7741	1995	8753	1636	6249	2215	96464
20608	6969	2912	667	3308	227	2694	609	48364
5984	4108	4829	1328	5445	1409	3555	1606	48100
1000	791	572	354	634	73	313	141	8626
843	669	481	241	510	48	217	97	7214
102	97	82	96	90	23	78	36	1023
55	25	9	17	34	2	18	8	389
9273	5250	3080	2914	4833	379	3634	1611	47384
36865	17118	11393	5263	14220	2088	10196	3967	152474
8966	5555	2501	3252	3783	749	3270	1065	48519
115	85	179	123	171	..	156	..	1139
7994	4715	1818	2755	3088	661	2678	868	40577
857	755	504	374	524	88	436	197	6803
9586	8632	6723	6756	9595	1331	7351	3324	83722
8760	4745	2829	2145	3057	593	2510	1141	45628
89	49	50	20	31	4	28	10	447
3715	2672	2269	1866	2706	403	2706	24	34431
4656	4527	2947	3374	4015	598	3417	1538	42712
35772	26180	17319	17413	23187	3678	19282	7102	255459
91687	59930	47338	40521	55579	14202	46585	21136	616459
2921	2840	2472	3211	2716	697	2335	1111	30177
3139	2110	1915	1262	2046	2038	1995	1902	2043

**District-wise distribution of the Net State Domestic
at Factor Cost by Industry of Origin for the**

<i>Sl.No.</i>	<i>Industry of Origin</i>	<i>TVM.</i>	<i>KLM.</i>	<i>PTA.</i>	<i>ALPA.</i>	<i>KTM.</i>	<i>IKI.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	49108	49085	28478	31223	47623	42067
2	Forestry and Logging	657	1152	2095	..	150	3981
3	Fishing	2636	12496	69	5261	430	29
4	Mining and Quarrying	232	319	141	199	220	45
Sub Total - Primary		52633	63052	30783	36683	48423	46122
5	Manufacturing	31725	30950	9626	24279	9069	4572
5.1	Registered	8669	16768	1053	7080	656	2797
5.2	Unregistered	23056	14182	8573	17199	8413	1775
6	Electricity, Gas & Water supply	4247	2485	1273	2176	2313	2059
6.1	Electricity	3478	2225	1123	1897	2053	1959
6.2	Gas	247	208	105	178	162	92
6.3	Water Supply	522	52	45	101	98	8
7	Construction	22404	13680	6913	11639	4227	13243
Sub Total - Secondary		58376	47115	17812	38094	15609	19874
8	Transport, Storage & Communication	19962	10458	6335	9895	11635	3493
8.1	Railways	735	485	..	356	485	..
8.2	Tran. other means & storage	12893	6884	4771	7193	7983	2359
8.3	Communication	6334	3089	1564	2346	3167	1134
9	Trade, Hotel & Restaurants	25747	19532	12134	22196	20420	7399
10	Banking and Insurance	15693	10422	7068	7667	8985	2276
11	Real Estate & Ownership of Dwelling	88	60	30	53	46	17
12	Public Administration	27153	9679	5062	7760	8422	1897
13	Other Services	18418	13649	5262	12663	13485	4440
Sub Total - Tertiary		107061	63800	35891	60234	62993	19522
Net State Domestic Product		218070	173967	84486	135011	127025	85518
Population ('000)		3098	2529	1248	2104	1921	1135
Per Capita Income (Rs.)		7039	6879	6770	6417	6612	7535

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Product and Per Capita Income of Kerala

year 1994-95 (at Current Prices)

(Rs. in Lakhs)								
<i>EKM.</i>	<i>TSR.</i>	<i>PLKD.</i>	<i>MLPM.</i>	<i>KKD.</i>	<i>WYD.</i>	<i>KNR.</i>	<i>KSGD.</i>	<i>State</i>
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
54444	50119	57875	53271	51237	26226	52829	30484	624069
415	1354	2144	1017	393	1182	308	150	14998
11375	3664	221	5342	11585	..	2253	2706	58067
522	480	390	605	837	50	899	406	5345
66756	55617	60630	60235	64052	27458	56289	33746	702479
95661	40042	28215	7282	31904	6013	22736	8104	350178
73581	24884	10395	2383	11812	812	9619	2176	172685
22080	15158	17820	4899	20092	5201	13117	5928	177493
3064	2398	1721	1040	1922	212	924	417	26251
2615	2073	1492	747	1581	150	671	302	22366
242	231	195	229	213	54	185	85	2426
207	94	34	64	128	8	68	30	1459
40748	23072	13534	12806	21238	1666	15970	7079	208219
139473	65512	43470	21128	55064	7891	39630	15600	584648
26718	17310	8864	10216	12270	2248	10584	3418	153406
765	568	1190	818	1137	..	1038	..	7577
21026	12402	4781	7247	8122	1740	7044	2284	106729
4927	4340	2893	2151	3011	508	2502	1134	39100
34034	30482	23676	23971	33738	4735	26043	11838	295945
23000	12459	7427	5630	8026	1557	6589	2995	119794
157	87	89	35	56	8	51	18	795
12331	8869	7531	6194	8982	1337	8982	80	114279
17925	17432	11347	12992	15458	2302	13156	5920	164449
114165	86639	58934	59038	78530	12187	65405	24269	848668
320394	207768	163034	140401	197646	47536	161324	73615	2135795
2960	2878	2505	3254	2753	707	2366	1126	30584
10824	7219	6508	4315	7179	6724	6818	6538	6983

District-wise Distribution of the Net State Domestic

At Factor Cost by Industry of Origin for

(Base Year : 1980-81)

<i>Sl.No.</i>	<i>Industry of Origin</i>	<i>TVM.</i>	<i>KLM.</i>	<i>PTA.</i>	<i>ALPA.</i>	<i>KTM.</i>	<i>IKI.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture	15227	15220	8831	9682	14767	13044
2	Forestry and Logging	162	284	516	..	37	982
3	Fishing	455	2154	12	907	74	4
4	Mining and Quarrying	72	99	44	61	68	14
Sub Total - Primary		15916	17757	9403	10650	14946	14044
5	Manufacturing	9490	9154	2899	7256	2734	1349
5.1	Registered	2516	4865	306	2054	190	812
5.2	Unregistered	6974	4289	2593	5202	2544	537
6	Electricity, Gas & Water supply	1443	868	444	755	801	712
6.1	Electricity	1185	758	383	646	700	668
6.2	Gas	112	95	48	81	74	42
6.3	Water Supply	146	15	13	28	27	2
7	Construction	5382	3286	1660	2796	1015	3181
Sub Total - Secondary		16315	13308	5003	10807	4550	5242
8	Transport, Storage & Communication	6894	3640	2356	3608	4128	1234
8.1	Railways	120	79	..	58	79	..
8.2	Tran. other means & storage	5551	2964	2054	3097	3437	1015
8.3	Communication	1223	597	302	453	612	219
9	Trade, Hotel & Restaurants	7610	5801	3573	6561	6019	2184
10	Banking and Insurance	6620	4396	2982	3234	3790	960
11	Real Estate & Ownership of Dwelling	54	38	18	33	29	11
12	Public Administration	8636	3078	1610	2468	2679	603
13	Other Services	5020	3720	1434	3451	3675	1210
Sub Total - Tertiary		34834	20673	11973	19355	20320	6202
Net State Domestic Product		67065	51738	26379	40812	39816	25488
Population ('000)		3098	2529	1248	2104	1921	1135
Per Capita Income (Rs.)		2165	2046	2114	1940	2073	2246

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Product and Per Capita Income of Kerala

the year 1994-95 (at Constant Prices)

(Rs. in Lakhs)

<i>EKM.</i>	<i>TSR.</i>	<i>PLKD.</i>	<i>MLPM.</i>	<i>KKD.</i>	<i>WYD.</i>	<i>KNR.</i>	<i>KSGD.</i>	<i>State</i>
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
16883	15541	17947	16518	15888	8132	16381	9453	193514
103	334	528	251	96	291	76	37	3697
1961	632	38	921	1997	..	388	467	10010
161	149	120	187	259	15	278	125	1652
19108	16656	18633	17877	18240	8438	17123	10082	208873
28030	11806	8407	2174	9504	1809	6758	2424	103794
21352	7221	3017	692	3427	236	2791	631	50110
6678	4585	5390	1482	6077	1573	3967	1793	53684
1059	838	606	378	672	78	332	149	9135
891	707	508	255	539	51	229	103	7623
110	105	89	104	97	25	84	38	1104
58	26	9	19	36	2	19	8	408
9788	5542	3251	3076	5101	400	3836	1700	50014
38877	18186	12264	5628	15277	2287	10926	4273	162943
10128	6269	2811	3668	4263	847	3684	1202	54732
124	92	193	133	185	..	169	..	1232
9052	5339	2059	3120	3497	749	3032	983	45949
952	838	559	415	581	98	483	219	7551
10003	9007	7015	7050	10012	1389	7671	3468	87363
9702	5256	3133	2375	3386	657	2779	1263	50533
98	54	55	22	35	5	32	11	495
3922	2820	2395	1970	2857	425	2857	25	36345
4885	4751	3093	3541	4213	627	3586	1614	44820
38738	28157	18502	18626	24766	3950	20609	7583	274288
96723	62999	49399	42131	58283	14675	48658	21938	646104
2960	2878	2505	3254	2753	707	2366	1126	30584
3268	2189	1972	1295	2117	2076	2057	1948	2113

TABLE XXIII

Comparison between State and District Per Capita Income of Kerala -1980-81 to 1992-93
(at Current Prices)

State/District	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
Thiruvananthapuram	1484	1566	1729	2084	2304	2389	2700	2934	3228	3878	4220	4925	5708
Kollam	1536	1534	1821	1999	2136	2441	2701	2924	3272	3665	4350	4889	5740
Pathanamthitta	..	..	..	1898	2178	2564	2980	3104	3374	3768	4408	5056	5590
Alappuzha	1311	1441	1629	1953	2191	2366	2685	2911	3229	3507	4268	4865	5255
Kottayam	1452	1613	1912	2187	2265	2507	2875	3137	3423	3634	4038	4945	5473
Idukki	1995	2229	2393	2927	3004	3376	3314	4064	4483	5472	4672	6073	6433
Ernakulam	2017	2218	2513	2824	3202	3441	3793	4323	4843	5337	6502	8010	8857
Thrissur	1462	1558	1806	2067	2161	2333	2620	2958	3240	3671	4422	5277	5921
Palakkad	1307	1449	1620	1822	1950	2013	2364	2351	2549	3229	3682	4922	5376
Malappuram	1045	1032	1162	1319	1504	1383	1599	1707	1851	2394	2592	3275	3619
Kozhikode	1588	1539	1915	2358	2494	2342	2549	2903	3194	3712	3949	4837	5936
Wayanad	..	2083	1925	1975	2657	2734	3034	3177	3446	3409	4301	4967	5707
Kannur	1571	1414	1712	2027	2300	2315	2578	2833	3096	3509	3872	5364	5626
Kasargode	..	..	..	..	..	2355	2526	2680	2933	3534	3659	4663	5487
State	1508	1576	1809	2092	2296	2398	2676	2937	3233	3718	4200	5140	5768

TABLE XXIV

Comparison between State and District Per Capita Income of Kerala - 1980-81 to 1992-93
(at Constant Prices)

State/District	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93
Thiruvananthapuram	1484	1447	1411	1418	1529	1507	1468	1507	1617	1818	1842	1786	1955
Kollam	1536	1413	1478	1352	1395	1538	1455	1472	1616	1666	1866	1734	1874
Pathanamthitta	..	..	..	1358	1430	1649	1617	1591	1730	1795	1981	1832	1919
Alappuzha	1311	1391	1398	1359	1461	1547	1452	1452	1584	1591	1815	1684	1758
Kottayam	1452	1476	1559	1420	1451	1614	1599	1657	1805	1763	1824	1772	1897
Idukki	1995	2048	1849	1768	1928	2102	1802	1919	2147	2402	2095	2116	2101
Ernakulam	2017	2068	2086	1951	2062	2145	2030	2142	2351	2398	2748	2768	2967
Thrissur	1462	1480	1510	1432	1386	1506	1431	1497	1620	1656	1895	1889	1996
Palakkad	1307	1332	1284	1213	1244	1231	1330	1215	1307	1524	1623	1757	1813
Malappuram	1045	941	937	885	921	836	864	869	946	1084	1094	1167	1197
Kozhikode	1588	1434	1609	1525	1543	1536	1378	1457	1581	1712	1670	1742	1936
Wayanad	..	2128	1483	1246	1838	1633	1665	1488	1634	1541	1999	1762	1928
Kannur	1571	1303	1422	1362	1421	1437	1360	1412	1539	1595	1665	1930	1890
Kasargode	..	..	..	..	..	1302	1386	1417	1551	1615	1559	1652	1803
State	1508	1469	1485	1406	1473	1507	1453	1482	1614	1705	1815	1826	1932

TABLE XXV

**Net State Domestic Product at Factor Cost of various States and
Union Territories (at Constant Prices)**

(Rupees in Crores)

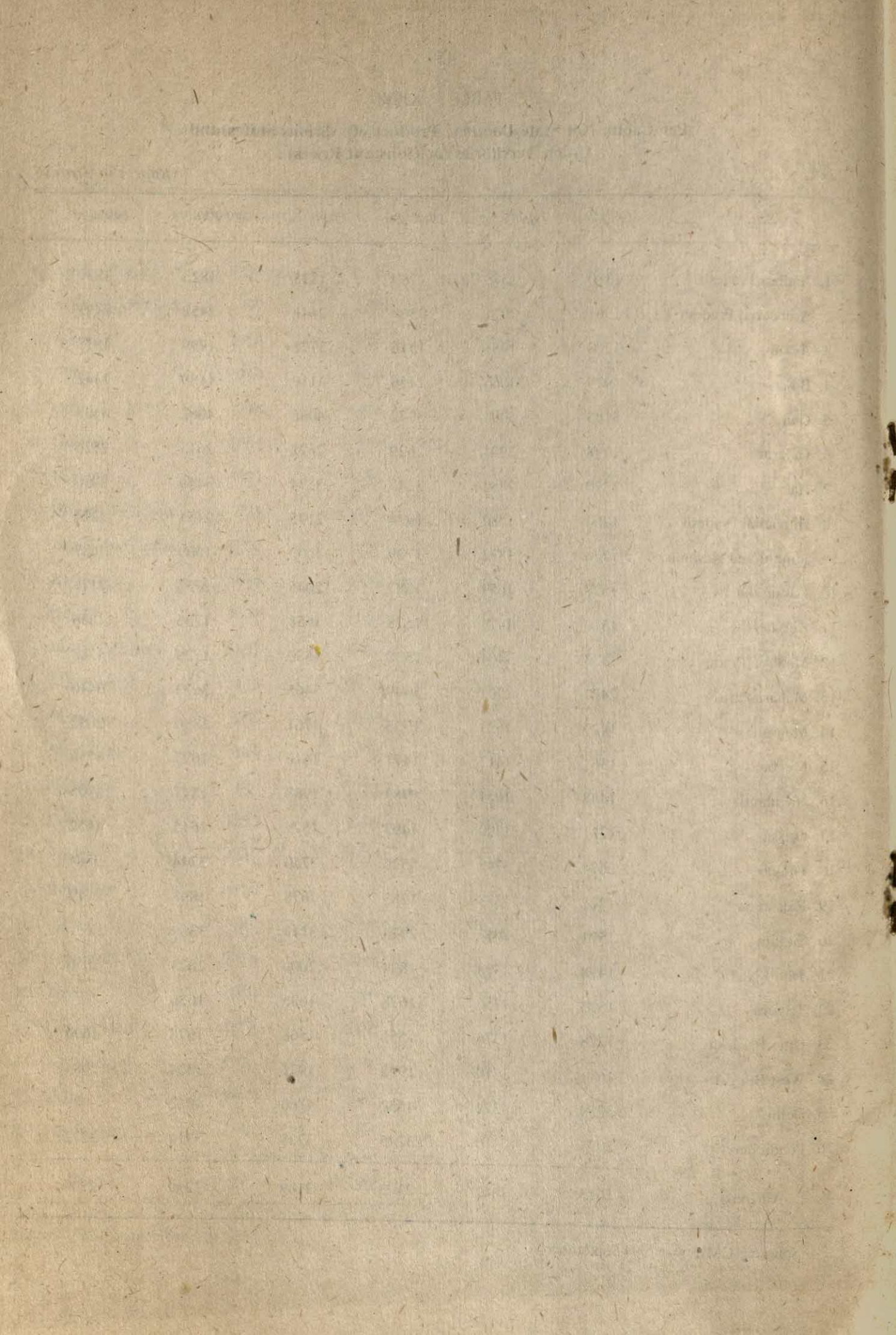
<i>State</i>	<i>1980-81</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>	<i>1991-92</i>
1. Andhra Pradesh	7324	11028	11442	11621	11920
2. Arunachal Pradesh	97	188	200	207	217
3. Assam	2356	3590	3820	3971	4328
4. Bihar	6360	9500	9401	10205	10008
5. Goa	316	478	498	510	523
6. Gujarat	6585	10386	10513	10635	10434
7. Haryana	3032	5098	5178	5628	5741
8. Himachal Pradesh	723	970	1086	1091	1083
9. Jammu and Kashmir	1050	1253	1235	1272	1319
10. Karnataka	5616	8632	9047	9253	9940
11. Kerala	3823	4584	4890	5193	5533
12. Madhya Pradesh	6887	9608	9838	11328	10653
13. Maharashtra	15113	22170	25562	27108	26117
14. Manipur	201	295	308	330	364
15. Meghalaya	180	242	277	295	314
16. Nagaland	110	207	215	213	221
17. Orissa	3225	4509	4848	5044	5246
18. Punjab	4449	6792	7356	7481	7862
19. Rajasthan	4126	7477	7217	8377	7676
20. Sikkim	49	115	123	135	..
21. Tamilnadu	7218	10344	11122	11352	11691
22. Tripura	268	400	411	444	..
23. Utter Pradesh	14012	20455	21128	22410	22570
24. West Bengal	8720	12146	12682	13116	13874
25. Delhi	2297	3888	4235	4597	..
26. Pondicherry	186	245	250	263	267
All India	110340	168382	176980	187876	190442

TABLE XXVI

**Per Capita Net State Domestic Product of various States and
Union Territories (at Constant Prices)**

(Rupees in Crores)

<i>State</i>	<i>1980-81</i>	<i>1985-86</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>	<i>1991-92</i>
1. Andhra Pradesh	1380	1548	1789	1825	1823	1839
2. Arunachal Pradesh	1561	2074	2360	2441	2452	2493
3. Assam	1200	1483	1516	1771	1799	1915
4. Bihar	919	1066	1156	1119	1189	1142
5. Goa	3145	3000	3972	4066	4082	4105
6. Gujarat	1948	2204	2629	2622	2613	2526
7. Haryana	2370	2852	3247	3234	3449	3456
8. Himachal Pradesh	1704	1780	1974	2175	2151	2074
9. Jammu and Kashmir	1776	1832	1729	1662	1669	1687
10. Karnataka	1528	1659	1987	2045	2055	2171
11. Kerala	1510	1478	1578	1658	1736	1886
12. Madhya Pradesh	1333	1404	1538	1538	1729	1588
13. Maharashtra	2427	2703	3049	3465	3623	3440
14. Manipur	1429	1623	1723	1761	1850	2002
15. Meghalaya	1361	1412	1471	1610	1697	1756
16. Nagaland	1448	1654	1983	1987	1897	1905
17. Orissa	1231	1390	1493	1579	1615	1652
18. Punjab	2674	3249	3526	3750	3744	3864
19. Rajasthan	1222	1338	1783	1678	1898	1717
20. Sikkim	1571	2017	2924	3118	3369	..
21. Tamil Nadu	1498	1798	1894	2009	2023	2056
22. Tripura	1323	1356	1628	1636	1636	..
23. Uttar Pradesh	1278	1376	1551	1568	1628	1606
24. West Bengal	1611	1710	1922	1971	2004	2084
25. Delhi	3759	4322	4552	4760	4962	..
26. Pondicherry	3038	3116	3245	3225	3314	3272
All India	1625	1847	2105	2169	2239	2250



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