



GOVERNMENT OF KERALA

**A BROCHURE ON
GROSS FIXED CAPITAL FORMATION IN
KERALA
1985-86 TO 1988-89**

**DIRECTORATE OF
ECONOMICS & STATISTICS
THIRUVANANTHAPURAM
1994**

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REPORT ON
GROSS FIXED CAPITAL FORMATION IN KERALA
(1985-86 to 1988-89)

STATE INCOME DIVISION
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P R E F A C E

This report on gross fixed capital formation in Kerala (at current prices) is the second of its kind brought out by the Department of Economics and Statistics. The first report on fixed capital formation in Kerala for the period 1980-81 to 1985-86 was published in 1990. This brochure is an attempt to make a detailed analysis of the gross fixed capital formation in Kerala from 1985-86 to 1988-89.

Gross fixed capital formation is that part of states total expenditure which is not consumed but, added to its fixed tangible assets and stock. It consists of the acquisition of fixed assets like buildings, civil works, machinery, vehicles etc. and changes in stock of raw material, finished goods and semi finished goods.

The object of the study is to bringout a clear picture of the growth of capital formation in both private and public sectors. In the State Government sector fixed capital formation by 'type of assets' and 'industry of use' in respect of Administrative departments and departmental enterprises are also dealt with separately. In private sector the nature of capital formation by type of use, and category of industry relating to non departmental commercial units are also examined.

This report is brought out by the joint efforts of Smt.Nagamma, Assistant Director, Smt.Ushakumari, Research Officer, Sri.G.Devadas, Research Assistant and Sri.Gopakumar, Compiler under the supervision and guidance of Shri.U.Thomas Sleeba, Additional Director. Valuable information provided by the various public bodies for the preparation of this report is gratefully acknowledged.

Suggestions for improvement of the report are most welcome.

Trivandrum,
28-4-1994.

Dr.M.Kuttappan
Director

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GROSS FIXED CAPITAL FORMATION AT STATE LEVEL

Chapter I - Methodology

1.1 Introduction:

Development of an economy depends up on the factors like capital accumulation, investment criteria capital absorption capacity, stability and values and institutions. Out of these capital formation is the first around which the economic development revolves. It provides the lease through capacity creation by promisting the activities of savings, credit mechanism and investment. In shshort the main indicator of economic development is the percentage of national income that is reinvented in capital goods through the process of savings.

1.2 The concept, scope and coverage:

Domestic capital formation is defined as that part of the country's current output and imports which is not consumed or exported during the accounting year lent is set aside as addition to its stock of capital goods. Net capital formation is measure after allowances are made for consumption of fixed capital. Gross capital formation includes fixed capital formation and change is tock of raw materials and semi finished and furnished goods.

Gross fixed capital formation consists of outlays of industries and producers of Government servicees private non profit services to households in addition to their fixed assets mines their net sales. These included (1) durable goods (life time of which is one year a more) acquired by produce (2) Improvement and alternation of durable good which significantly extend the expected life time or productivity of the asset, (3) new construction and major improvements which extend its life period (4) reclamation and extension of timber, tracts, mines, orchards, plantations and similar other agricultural holdings (5) breeding stockks, drought, animals, dairy cattle and the like.

Non reproducible tangible assets like land, mineral deposits, timber tracts etc. are not included in capital formation but dealers margins. Service changes and other transfer costs in regard to transactions in such assets form part of capital formation. The construction works and durable goods which are meant primarily for military purposes are excluded. Outlays on newly constructed dwellings by household industries and expenditure on major improvement and alterations of residential buildings form part of fixed capital formation while the purchase of durable goods by households is not treated as capital formation. Expenditure on intangible assets such as patents, goodwill and on health research, education etc. for improvement of technology and productivity of working force are excluded from the scope of capital formation.

Gross fixed capital formation include expenditure on land clearence, irrigation works, plantation and cultivation of new timber tracts, new fruit and sap bearing trees, vines etc. which yield products after a number of years. After such plantations and cultivation become productive, further outlays in respect of the cultivation is considered as intermediate consumption The clearance and afforestation of timber tracts and forests are considered land improvement activity and are included in gross fixed capital formation.

The capital expenditure on soil conservation activity by the public sector for conservation of forests is included under capital formation. Similar soil conservation activity in the private sector is considered as own account construction which is clarified under the construction industry.

Expenditure on current repairs and maintenance incurred for keeping the fixed assets in proper working order does not form part of capital formation. Expenditure on alterations and additions or replacements of the parts of fixed assets which have an expected life time of one year or more and involve substantial outlays and also extend the life of fixed assets or increase their productivity is considered as capital expenditure.

1.3 The significance of capital formation:

The capital formation of a country is considered as a major determinant of its economic growth. The growth of capital formation is thus an index of economic development. It is the capital formation that leads to the fuller utilisation of available resources which leads to increase in the size of national output, income and employment and thereby increase the standard of living of the people. It is capital formation that leads to proper exploitation of the natural resources and establishment of different types of industries resulting in increased levels of the income and employment. This enables increase in the economic welfare of the society. Thus capital formation can rightly be considered as the index of economic development in an underdeveloped or developing country.

1.4 Estimation: the approach

The commodities which constitute fixed capital formation is valued at purchasers price which covers all costs connected with the acquisition and installation of the items of assets. Indirect outlays for acquisition of the assets in the form of advertising etc. are excluded. In the case of fixed assets produced on, own account, these are valued at production cost including imputed values in respect of own account labour employed. Estimates of gross fixed capital formation can be prepared (1) by type of assets, (2) by industry of use.

i. Type of assets:

Type of assets consists of (a) Construction (b) Machinery and equipment and change in stock. The commodity flow approach is followed for construction works under taken with the use of specified construction materials and also for machinery and equipment.

(a) Construction

The value at site in the accounting years of five basic construction input materials, viz. cement, iron and steel products, timber and round wood, bricks and tiles and permanent fixtures and fittings are considered under 'construction'.

(b) Machinery and equipment

The various items of machinery and equipment are classified into

- (i) Capital goods
- (ii) Parts of capital goods
- (iii) Partly capital goods
- (iv) Parts of partly capital goods

The total of (i) and specified percentage of (ii) to (iv) on the basis of ASI data, are taken as capital formation.

The estimates of gross domestic fixed capital formation in construction and machinery and equipment are aggregated to arrive at the estimates of gross domestic fixed capital formation by type of assets.

However, due to paucity of data, estimation of gross fixed capital formation by type of assets is attempted only in the public (State Government) sector in this report.

1.5 Industry of use:

The expenditure approach is primarily followed for estimation of gross fixed capital formation (GFCF) by industry of use. The whole economy is classified by user industries broadly in terms of the industrial classification used for measurement of net domestic product. Each industrial activity is further divided into public and private sectors whenever relevant. The private sector under each activity has been further divided into organised and unorganised sectors whenever data are available. The public sector is divided into administrative departments of Central and State Government and enterprises, both departmental and non-departmental.

1.6 Agriculture including livestock:

(a) Agriculture proper

The expenditure on GFCF in State Government Departmental enterprises have been culled out from the state government budget document and of the non-departmental enterprises from the balance sheet or annual reports of the enterprises.

The source of information of GFCF in the household sector of Agriculture is based on the expenditure on farm business available in AIDIS. The base year estimates of gross fixed capital formation of the reporting households in respect of rural and urban sectors are obtained separately from this report.

The latest two census provide the number of rural and urban households separately using the geometric growth rate, the number of households during the year 1985-86 to 1988-89 have been estimated.

The per household gross fixed capital formation for the base year has been arrived at by using the total gross fixed capital formation and the number of households, as estimated from the survey results separately for rural and urban sectors.

By making use of the per household gross fixed capital formation, thus obtained and the projected number of households from the census results, gross fixed capital formation in Farm Business has been estimated both for rural and urban sectors for the years from 1985-86 to 1988-89 at constant prices.

The GFCF at current price has been obtained by using the index of average daily wages of unskilled labours in construction sector.

The GFCF at current price, thus obtained for rural and urban sectors have been finally aggregated to obtain the GFCF from farm business.

(b) Livestock

For the estimates of Agriculture, proper the value of breeding stock, draught animals, dairy cattle etc. which form part of capital formation has been added. As the annual data on livestock population are not available, the different categories of livestock as given in the quinquennial livestock census have been considered and the number of each category estimated using geometric growth rates.

The data regarding bullocks and bulls over three years not in use, cows over 3 years not in use, female goats of one year and above not in milk etc. are excluded from the purview of capital formation. The cattle, male over three years, cows in milk, buffalows, male over three years, she buffalows in milk, goats - female of one year and over in milk, males one year and over (breeding) as provided in the census have been considered to form part of capital formation of livestock component. The increment of each category every year is estimated and then evaluated using the average price of the category each year. Only 4% of the male goats have been considered to be the capital formation component of this category.

1.7 Forestry and Logging:

The Government of Kerala have taken over the private forests of the state by an Act. Therefore, the capital expenditure on forest preservation, extension etc. of the state is the contribution of the public sector only. The capital formation component of this sub-sector is obtained from the analysis of the State Government Budgets.

1.8 Fishing:

The livestock census of 1982 and 1987 provide information on the number of different categories of mechanised and non-mechanised boats and other major fishing equipments like fishing gears and catamarans engaged in fishing activity. The number of fishing boats and equipments during the years 1985-86 to 1988-89 has been estimated using the geometric growth rate of the inter census years and then the increment during each year, is worked out. The average price of the different categories of boats and equipments each year collected from the state department of fisheries have been used to evaluate the increment of boats each year. The gross fixed capital formation in fisheries sector is thus obtained at current prices.

1.9 Mining and Quarrying:

There is no departmental enterprises coming under this sub-sector in Kerala.

In the case of non-departmental commercial undertakings, the Kerala Metals and Minerals is considered in public sector. The unorganised sector is estimated on the basis of NSS 34th round.

1.10 Manufacturing (Registered):

Annual survey of industries provide data on value of stock and addition to the fixed capital during the accounting years. The details of capital stock separately for (i) Land (ii) Improvement to land and other construction (iii) building (iv) Plant and machinery (v) Transport equipment (vi) Tools and other fixed assets and (vii) Assets under construction/installation are available. Expenditure on land does not form part of capital formation and hence excluded from the estimates.

1.11 Manufacturing (un-registered):

Those manufacturing enterprises which do not come under the purview of the Indian Factories Act - 1948, are considered under this subsector. The 34th round of NSS provides data on fixed assets of manufacture and repair services in the un-registered sector. The whole of the un-registered sector of the manufacturing industry has been brought under the coverage of the survey. The data contained in the report on NSS 34th round has been used to estimate the contribution to gross fixed capital formation from this sub-sector. The addition to fixed assets per enterprise and the estimated number of enterprises, both rural and urban have been considered and the combined estimate of GFCF arrived at for the base year.

The base year estimates are moved to later years using appropriate indices.

1.12 Electricity, Gas and water supply:

Electricity generation and distribution in Kerala is mainly the activity of Kerala State Electricity Board categorised under N.D.C.U.S. The annual accounts of the K.S.E.B. have been analysed and the GFCF estimated. Since the private sectors are covered under ASI, separate estimates have not been prepared under this head.

The Cochin Oil Refineries is engaged in the manufacture L.P.G. This has been considered to assess the capital formation of this sub-sector - Gas.

The estimates of GFCF from water supply relating to public sector is prepared on the basis of State Government Budget upto 1987-88. From 1988-89 onwards the scheme under this head are implemented by the 'Water Authority' of Kerala and hence no details are available in the Budget Documents. No data have been received from water authority also and hence not incorporate in this issue.

1.13 Construction:

The fixed capital formation in the construction sector comprises of net addition to machinery and equipments, tools and implements of construction enterprises. The annual balance sheets/accounts have been analysed and estimates of GFCF obtained. The construction expenditure culled out from the State Government Budget has also been taken into account.

The estimate from private sector is limited to unorganised sector based on NSS 34th round results due to non-availability of data from other sources.

1.14 Transport Storage & Communication:

(a) Railways

This being a supra-regional sector, the Central Statistical Organisation is to prepare the State-wise estimates of capital formation and supply the same to the states for incorporation in the state level estimates as recommended by the Regional Accounts Committee (RAC). The data have been supplied by Central Statistical Organisation.

(b) Transport by other means & storage

The State Government Budget provides information capital expenditure on mechanised Transport - road and water.

In respect of non-departmental enterprises, the Annual Accounts of K.S.R.T.C., the Kerala Inland Navigation Corporation and the Cochin Port Trust have been analysed.

The enterprise survey 1983-84 conducted by Central Statistical Organisation provides information on mechanised and non-mechanised transport in private sector. The base year estimates of GFCF is moved for the latest years using the growth rate observed in the Gross Domestic Product of the respective sector.

In the Public Sector, there is no departmental enterprises in storage. The Ware Housing Corporation and Food Corporation of India are the non-departmental enterprises in this sector. The Annual accounts of these enterprises have been analysed to obtain the capital formation component of storage.

(c) Communication

The Government of India, demands for grants for the Indian Posts and Telegraph department and Ministry of Communication is the main source of information. The activities covered under this sector are Posts & Telegraphs, Telecommunications and Overseas Communication service. The details of capital expenditure at the national level for posts and telegraph and Telecommunications are presented in the budget relating to Posts & Telegraph Department. As per the recommendation of the Regional Accounts Committee, the Central Statistical Organisation is to prepare the state-wise estimates of fixed capital formation. The Central Statistical Organisation has supplied the estimates.

1.15 Trade, Hotels and Restaurants:

The annual accounts of the non-Departmental Commercial undertakings engaged in trading activities were analysed to obtain the GFCF of these enterprises.

The private sector estimates for the base year are prepared on the basis of data available in NSS 34th Round, Directory Establishment Survey 1985-86 for Trade and Enterprise Survey on Hotels and Restaurants 1983-84. The base year estimates are moved to later years with the help of gross value added in the sector.

1.16 Bankind & Insurance:

The state-wise estimates of capital formation in respect of Nationalised banks, Life Insurance Corporation of India, Reserve Bank of India etc. is to be provided by Central Statistical Organisation as recommended by the Regional Accounts Committee. The details have been obtained from the Central Statistical Organisation and incorporated.

1.17 Real Estate, Ownership of Dwellings:

GFCF under residential buildings based on AIDIS' 1981-82 has been used for preparing the base year estimates under this head. The base year estimates are moved to later years using the building cost index numbers.

1.18 Public Administration:

This sector consists of the capital expenditure of Central Government administration in respect of the state, State Government administration and local bodies-corporations, municipalities and Panchayats.

The estimates of capital expenditure in respect of Central Government administration at the state level is provided by Central Statistical Organisation.

The State Government budgets have been analysed to obtain the capital expenditure of State Government Administration.

The capital outlay of Corporation and Municipalities have not been covered in this report as its complete analysis is pending. The construction expenditure and expenditure on machinery are the components of GFCF considered under this sector.

1.19 Other Services:

The expenditure of State Government under this sector is taken from the State Government budget. The non-departmental commercial undertakings coming under this sector is also considered.

The GFCF in private sector is computed for the base year as per the enterprise survey, 1983-84 on service sector. The base year estimates are moved forward using the indices of GDF in the respective sector.

Chapter II - Analytical Interpretation

The estimates of gross fixed capital formation for the years from 1985-86 to 88-89 are analysed industry-wise below. Table I presents the GFCF by industry of use.

The total capital formation estimates show an upward trend during the entire period starting from 1985-86 to 1988-89. Real estate and ownership of dwellings form major portion of the total GFCF during the entire period under report ranging from 29.47% to 40.93%. The main reason for this higher percentage is due to the inclusion of the estimates of fixed capital formation of residential buildings under the 'Real Estate and Ownership of Dwellings'. The contribution of Electricity, Gas and Water supply stand next to 'Real Estate and ownership of dwellings'. It ranges from 14.42% to 23.92%. The gross fixed capital formation of Electricity, gas and water supply show downward trend from 23.92% in 85-86 to 14.42% in 88-89. The contribution of Manufacturing Industries range from 6.82% to 31.28% while that of Agriculture sector from 7.15% to 10.16% the total GFCF.

Table II shows the percentage distribution of GFCF.

Table III presents the gross fixed capital formation both in public and private sectors. During the period under report the contribution of private sector forms 59.12% to 72.45% of the total GFCF. The share of public sector is more in Mining & quarrying, Electricity Gas, Water supply, Banking, Insurance, Transport, Storage and Communication. The contribution of public sector is nil in fishing sector.

Gross Fixed Capital Formation in State Government Sector.

The State Government Sector consists of Administrative Departments and Departmental enterprises.

Administrative Departments

The GFCF of Administrative Departments are obtained from the State Government Budgets. The 'Expenditure approach' is followed for the estimation of capital formation from Government budgets. For the estimation of gross capital formation the items such as construction, machinery and equipments, net purchase of second hand assets and change in stock etc. were considered.

Departmental Enterprises

Gross capital formation under this sector is estimated by analysing the annual accounts of the Departmental Enterprises including State Government budgets.

Gross Capital Formation by type of assets

The GCF of Administrative Departments and Departmental enterprises by type of assets is detailed in Table IV.

The Table IV reveals that the estimate of GCF for the year 85-86 was 22.7 crores. A slight increase can be seen in the estimates of GCF for 86-87. During the year 87-88 the gross capital formation has decreased to 195 crores. Again in 88-89 a slight increase is noticed in the GCF of Administrative Departments. The main component under this sector is construction which relates to buildings, roads and bridges and other constructions. The share of construction sector to gross capital formation is declined from 98% in 1985 to 81% in 1988-89.

Gross Capital Formation - by Industry of use

The GCF of Administrative Departments and Departmental enterprises is analysed by 'Industry of Use' in Table V.

The expenditure under various heads of the State Government administrative Departments and Departmental enterprises are classified under Agriculture, Forestry, Fishing, Manufacturing, Construction, Water supply, other transport other services and public administration.

Table V reveals that the contribution of public administration ranks first place with 58% in 85-86 and 52% in 88-89. The share of Agriculture sector varies from 38% to 27%.

Gross Capital formation by type of Institution

Administrative Departments and Departmental enterprises constitute the State Government sector. The contribution of these sectors is analysed by type of institution in Table VI.

The Table VI indicates that the major portion of GFCF is contributed by the Administrative Departments during the years of study. It varies from 67% to 71%. It reveals that the year 86-87 accounts the highest share of GFCF for Administrative Departments.

Conclusion:

The estimation of GFCF in the State covered mainly Private & Public Sector. Even though the coverage is greater in public sector, private sector occupies the major share of the total GCF.

In State Government sector there is a gradual increase of GCF except in the year 87-88.

Detailed statements of gross fixed capital formation relating to all important activities are presented in annexure to this report.

I Gross fixed capital formation - by industry of use at current prices

Sl.No.	Industrial Classification	(Rs. in lakhs)					
		1985-86	1986-87	1987-88	1988-89		
1	2	3	4	5	6		
1.	Agriculture	19272	20040	22057	24351		
2.	Forestry and logging	243	39	84	44		
3.	Fishing	3557	4772	6349	8456		
4.	Mining and quarrying	2323	168	248	354		
5.	Manufacturing	26229	13807	17488	106550		
6.	Electricity, gas and water supply	51568	40726	42592	49110		
7.	Construction	(-)826	3759	1434	1248		
8.	Transport, storage and Communication	14114	11231	14242	21969		
9.	Trade, hotels and restaurants	1543	2034	2248	2054		
10.	Banking and insurance	2545	2128	1716	3422		
11.	Real estate and ownership of dwellings	72495	81179	88877	100335		
12.	Public administration	15731	16033	13901	15902		
13.	Other services	6759	6514	5913	6784		
	Total	215553	202430	217149	340579		

II Gross fixed capital formation by industry of use at current prices (Percentage Distribution)

Sl.No.	Industrial Classification	1985-86	1986-87	1987-88	1988-89
1	2	3	4	5	6
1.	Agriculture	8.94	9.90	10.16	7.15
2.	Forestry and logging	0.11	0.02	0.04	0.01
3.	Fishing	1.65	2.36	2.93	2.48
4.	Mining and quarrying	1.08	0.08	0.11	0.10
5.	Manufacturing	12.17	6.82	8.05	31.28
6.	Electricity, gas and water supply	23.92	20.12	19.61	14.42
7.	Construction	(-)0.38	1.86	0.66	0.37
8.	Transport, storage and communication	6.55	5.55	6.56	6.45
9.	Trade, hotel and restaurants	0.72	1.00	1.04	0.60
10.	Banking and insurance	1.18	1.05	0.79	1.00
11.	Real estate and ownership of dwellings	33.63	40.10	40.93	29.47
12.	Public administration	7.30	7.92	6.40	4.67
13.	Other services	3.13	3.22	2.72	2.00
	Total	100.00	100.00	100.00	100.00

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III. Gross fixed capital formation by 'Industry of Use' in Public and Private Sectors (Rs.in lakhs)

Sl. No.	Sectors	1985-86			1986-87			1987-88			1988-89		
		Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Agriculture	6974	12298	19272	6344	13696	20040	5679	16378	22057	6430	17921	24351
2.	Forestry and Logging	243	-	243	39	-	39	84	-	84	44	-	44
3.	Fishing	-	3557	3557	-	4772	4772	-	6349	6349	-	8456	8456
4.	Mining and Quarrying	2177	146	2323	22	146	168	46	202	248	123	231	354
5.	Manufacturing	4474	21755	26229	5496	8311	13807	5924	11566	17488	6097	100453	106550
6.	Electricity, gas and Water supply	40805	10763	51568	31676	9050	40726	37006	5586	42592	38505	10605	49110
7.	Construction	(-)867	41	(-)826	3718	41	3759	1390	44	1434	1197	51	1248
8.	Transport, storage and Communications	12976	1138	14114	9893	1338	11231	12591	1651	14242	20150	1819	21969
9.	Trade, hotel and Restaurants	102	1440	1542	57	1644	1701	120	1823	1943	85	1896	1981
10.	Banking and Insurance	2491	54	2545	2093	35	2128	1679	37	1716	3348	74	3422
11.	Real Estate and Ownership of dwellings	-	72495	72495	-	81179	81179	-	88877	88877	-	100335	100335
12.	Public Administration	15731	-	15731	16033	-	16033	13901	-	13901	15902	-	15902
13.	Other Services	3028	3731	6759	2161	4353	6514	1068	4845	5913	1861	4923	6784
	Total	88135	127418	215553	77865	124565	202430	79793	137356	217149	93815	246764	340579
		(40.88)	(59.12)	(38.46)	(61.54)	(36.74)	(63.26)	(27.55)	(72.45)				

The figures in this table are preliminary and subject to final audit of the accounts of the Government of India.

IV. Gross Capital Formation in State Government Sector by 'Type of Institutions' and by 'Type of Assets' at Current Prices

Years/Type of Institution	Construction				Machinery and Equipment			Net Purchase of Seehand Physical Assets	Gross Fixed Capital Formation	Change in Stock	Gross Capital Formation
	Building Roads & Bridges	Other Construction	Total Construction (Col.2-4)	Plant & Machinery	Transport Equipment	Total Machinery Equipment	9				
1985-86											
Govt. Administration	3738	4565	6646	14949	1236	256	1492	554	16995	(-1749)	15246
Departmental Enterprises	186	26	7111	7323	218	9	227	-	7550	(-117)	7433
Total	3924	4591	13757	22272	1454	265	1719	554	24545	(-11866)	22679
				(98.20)							
1986-87											
Govt. Administration	5147	4234	4099	13480	1939	786	2725	43	16248	4	16252
Departmental Enterprises	101	2	6222	6325	254	26	280	-	6605	134	6739
Total	5248	4236	10321	19805	2193	812	3005	43	22853	138	22991
				(86.14)							
1987-88											
Govt. Administration	3637	4453	3293	11383	748	896	1644	20	13047	398	13445
Departmental Enterprises	80	-	5301	5381	206	59	265	-	5646	444	6090
Total	3717	4453	8594	16764	954	955	1909	20	18693	842	19535
				(85.81)							
1988-89											
Govt. Administration	6147	4144	1550	11841	1635	306	1941	41	13823	1337	15160
Departmental Enterprises	127	1	6023	6151	291	107	398	-	6549	532	7081
Total	6274	4145	7573	17992	1926	413	2339	41	20372	1869	22241
				(80.89)							

e. Gross Capital Formation in State Government Sector in Kerala by Industry of Use at Current Prices

(Rs.in lakhs)

Sl. No.	Industry of Use	Years											
		1985-86			1986-87			1987-88			1988-89		
		Accts	%	4	Accts	%	6	Accts	%	8	Accts	%	10
1	2	3	4	5	6	7	8	9	10				
1.	Agriculture	6821	30.08	6225	27.08	5607	28.70	6405	28.80				
2.	Forestry	215	0.95	26	0.11	72	0.37	43	0.19				
3.	Manufacturing (3.1+3.2)	68	0.30	85	0.37	36	0.19	32	0.15				
3.1	Printing press	68	0.30	85	0.37	36	0.19	32	0.15				
3.2	Milk Supply	-	-	-	-	-	-	-	-				
4.	Construction	(-)892	(-)3.93	1531	6.66	995	5.09	1750	7.87				
5.	Water Supply	-	-	-	-	1029	5.27	-	-				
6.	Other Transport (6.1+6.2+6.3)	329	1.45	403	1.75	375	1.92	601	2.70				
6.1	Port, Pilotage, lighthouse and lightship	225	0.99	190	0.83	173	0.89	248	1.11				
6.2	Civil Aviation	-	-	-	-	-	-	-	-				
6.3	Others	104	0.46	213	0.92	202	1.03	353	1.59				
7.	Other Services (7a+7b+7c+7d)	2945	12.98	2062	8.97	864	4.42	1822	8.19				
7.a	Education	2271	10.01	1181	5.14	381	1.95	1050	4.72				
7.b	Medical	674	2.97	881	3.83	483	2.47	772	3.47				
7.c	Family Welfare	-	-	-	-	-	-	-	-				
7.d	Public Health & Sanitation	-	-	-	-	-	-	-	-				
8.	Public Administration	13193	58.17	12659	55.06	10557	54.04	11588	52.10				
	Total	22679	100.00	22991	100.00	19535	100.00	22241	100.00				

VL Gross Capital Formation in State Government Sector in Kerala by 'Type of Institution'

(Rs.in lakhs)

Sl.No.	Type of Institution	Years			
		1985-86 Accounts	1986-87 Accounts	1987-88 Accounts	1988-89 Accounts
1.	Departmental Enterprises	15246	16252	13445	15160
2.	General Administrative Department	7433	6739	6090	7081
	Total Gross Capital Formation	22679	22991	19535	22241

**Annexure-I. Gross Fixed Capital Formation 'By Industry of Use and by Type of Institution
Detailed Statement (At current prices)**

(Rs.in lakhs)

Sl.No.	Industry of Use Type of Institutions	1985-86		1986-87		House- hold	Total		
		Public	Private	Public	Private				
1	2	3	4	5	6	7	8	9	10
I. AGRICULTURE									
1.	Govt. Administration and Departmental Enterprises	6821	-	-	6821	6225	-	-	6225
2.	N.D.C.Us	153	-	-	153	119	-	-	119
3.	Household sector	-	-	11819	11819	-	-	13204	13204
4.	Live stock	-	479	-	479	-	492	-	492
	Sub-Total	6974	479	11819	19272	6344	492	13204	20040
II. FORESTRY & LOGGING									
1.	Govt. Administration and Departmental Enterprises	215	-	-	215	26	-	-	26
2.	N.D.C.Us	28	-	-	28	13	-	-	13
	Sub-Total	243	-	-	243	39	-	-	39
III. FISHING									
	Mechanised, non-mechanised and other major fishing equipments	-	3557	-	3557	-	4772	-	4772
	Sub-Total	-	3557	-	3557	-	4772	-	4772
IV. MINING & QUARRYING									
a.	N.D.C.Us	2177	-	-	2177	22	-	-	22
b.	Private Sector	-	146	-	146	-	146	-	146
	Sub-Total	2177	146	-	2323	22	146	-	168

Annexure I Contd.....

Sl.No.	Industry of Use Type of Institutions	1987-88					1988-89					
		Public		Private		Household	Public		Private		Household	Total
		11	12	13	14		15	16	17	18		
I	AGRICULTURE											
1.	Govt. Administration & Departmental Enterprises	5607	-	-	5607	56405	-	-	-	-	-	56405
2.	N.D.C.Us	72	-	-	72	25	-	-	-	-	-	25
3.	Household sector	-	-	15785	15785	-	-	-	-	17254	-	17254
4.	Live stock	-	593	-	593	-	-	667	-	-	-	667
	Sub-Total	5679	593	15785	22057	6430	667	667	17254	17254	17254	24351
II	FORESTRY & LOGGING											
1.	Govt. Administration and Departmental Enterprises	72	-	-	72	43	-	-	-	-	-	43
2.	N.D.C.Us	84	-	-	84	44	-	-	-	-	-	44
	Sub-Total	156	-	-	156	87	-	-	-	-	-	87
III	FISHING											
	Mechanised, non-mechanised and other major fishing equipments	-	6349	-	6349	-	-	8456	-	-	-	8456
	Sub-Total	-	6349	-	6349	-	-	8456	-	-	-	8456
IV	MINING AND QUARRYING											
a.	N.D.C.Us	46	-	-	46	123	-	-	-	-	-	123
b.	Private sector	-	202	-	202	-	-	231	-	-	-	231
	Sub-Total	46	202	-	248	123	231	231	-	-	-	354

Annexure I Contd.....

Sl.No.	Industry of Use Type of Institutions	1985-86			1986-87			Total	Household	Total
		3	4	5	6	7	8			
V.	MANUFACTURING									
1.	Registered factories ASI	-	21003	-	21003	-	7498	-	7498	
2.	Govt. Sector	68	-	-	68	85	-	-	85	
3.	N.D.C.Us	4406	-	-	4406	5411	-	-	5411	
4.	Private Sector (Un-registered)	-	752	-	752	-	813	-	813	
	Sub-Total	4474	21755	-	26229	5496	8311	-	13807	
VI.	ELECTRICITY, GAS AND WATER SUPPLY									
a.	Electricity	24878	10393	-	35271	25738	8715	-	34453	
b.	Gas	11978	-	-	11978	3063	-	-	3063	
c.	Water supply	3949	370	-	4319	2875	335	-	3210	
	Sub-Total	40805	10763	-	51568	31676	9050	-	40726	
VII.	CONSTRUCTION									
a.	State Govt. Sector	(-)892	-	-	(-)892	1531	-	-	1531	
b.	N.D.C.Us	25	-	-	25	2187	-	-	2187	
c.	Private Sector	-	41	-	41	-	41	-	41	
	Sub-Total	(-)867	41	-	(-)826	3718	41	-	3759	
VIII.	TRANSPORT, STORAGE AND COMMUNICATION									
a.	Railways	2960	-	-	2960	2367	-	-	2367	
b.	Transport by other means and storage	-	-	-	-	-	-	-	-	

Annexure I Contd.....

Sl.No	Industry of Use Type of Institutions	1987-88					1988-89					
		Public		Private		Household	Public		Private		Household	Total
		11	12	13	14		15	16	17	18		
V.	MANUFACTURING											
1.	Registered factories ASI	-	10802	-	10802	-	-	-	99666	-	-	99666
2.	Govt. Sectors	36	-	-	36	-	-	32	-	-	-	32
3.	N.D.C.Us	5888	-	-	5888	-	-	6065	-	-	-	6065
4.	Private Sector (Un-registered)	-	762	-	762	-	-	-	787	-	-	787
	Sub-Total	5924	11564	-	17488	-	-	6097	100453	-	-	106550
VI.	ELECTRICITY, GAS AND WATER SUPPLY											
a.	Electricity	30649	5425	-	36074	-	-	34936	10247	-	-	45183
b.	Gas	1091	-	-	1091	-	-	519	-	-	-	519
c.	Water supply	5266	161	-	5427	-	-	3050	358	-	-	3408
	Sub-Total	37006	5586	-	42592	-	-	38505	10605	-	-	49110
VII.	CONSTRUCTION											
a.	State Govt. Sector	995	-	-	995	-	-	1750	-	-	-	1750
b.	N.D.C.Us	395	-	-	395	-	-	(-)553	-	-	-	(-)553
c.	Private Sector	-	44	-	44	-	-	-	51	-	-	51
	Sub-Total	1390	44	-	1434	-	-	1197	51	-	-	1248
VIII.	TRANSPORT, STORAGE AND COMMUNICATION											
a.	Railways	2813	-	-	2813	-	-	3313	-	-	-	3313
b.	Transport by other means and storage	-	-	-	-	-	-	-	-	-	-	-

Contd.....

VIII. TRANSPORT, STORAGE AND COMMUNICATION (Contd.....)

Annexure I Contd.....

Sl.No.	Industry of Use Type of Institutions	1985-86			1986-87			Total	Household	Total
		3	4	5	6	7	8			
1.	State Govt. Sector by Type of Industry of use	329	-	-	329	403	-	-	-	403
2.	N.D.C.Us	3597	-	-	3597	1284	-	-	-	1284
3.	Private sector	-	1138	-	1138	-	1338	-	-	1338
c.	Communication	6090	-	-	6090	5839	-	-	-	5839
	Sub-Total	12976	1138	-	14114	9893	1338	-	-	11231
IX.	TRADE, HOTEL AND RESTAURANTS									
a.	N.D.C.Us	103	-	-	103	390	-	-	-	390
b.	Private Sector	-	1440	-	1440	-	1644	-	-	1644
	Sub-Total	103	1440	-	1543	390	1644	-	-	2034
X.	BANKING AND INSURANCE									
	Sub-Total	2491	54	-	2545	2093	35	-	-	2128
XI.	REAL ESTATE AND OWNERSHIP OF DWELLING									
	Sub-Total	-	-	72495	72495	-	-	81179	-	81179
	Sub-Total	-	-	72495	72495	-	-	81179	-	81179

VIII. TRANSPORT, STORAGE AND COMMUNICATION (Contd.....)

Annexure I Contd.....

Sl.No.	Industry of Use Type of Institutions	1987-88					1988-89						
		11	12	13	14	15	16	17	18				
		Public	Private	Household	Total	Public	Private	Household	Total				
1.	State Govt. sector by Type of Industry of use	375	-	-	375	601	-	-	601	-	-	-	601
2.	N.D.C.Us	1027	-	-	1027	1109	-	-	1109	-	-	-	1109
3.	Private Sector	-	1651	-	1651	-	1819	-	1819	-	-	-	1819
c.	Communication	8376	-	-	8376	15127	-	-	15127	-	-	-	15127
	Sub-Total	12591	1651	-	14242	20150	1819	-	21969	-	-	-	21969
IX.	TRADE, HOTEL AND RESTAURANTS												
a.	N.D.C.Us	425	-	-	425	158	-	-	158	-	-	-	158
b.	Private Sector	-	1823	-	1823	-	1896	-	1896	-	-	-	1896
	Sub-Total	425	1823	-	2248	158	1896	-	2054	-	-	-	2054
X.	BANKING AND INSURANCE												
	Sub-Total	1679	37	-	1716	3348	74	-	3422	-	-	-	3422
	Sub-Total	1679	37	-	1716	3348	74	-	3422	-	-	-	3422
XI.	REAL ESTATE AND OWNERSHIP OF DWELLING												
	Sub-Total	-	-	88877	88877	-	-	100335	100335	-	-	-	100335
	Sub-Total	-	-	88877	88877	-	-	100335	100335	-	-	-	100335

Annexure I Contd.....

SI.No.	Industry of Use Type of Institutions	1985-86		1986-87		Total	Household	Private	Household	Total
		3	4	5	6					
XII.	PUBLIC ADMINISTRATION									
	Govt. Administration, State Govt. Sector and Departmental Enterprises	13193	-	-	13193	12659	-	-	-	12659
	Central Government Administration	2538	-	-	2538	3374	-	-	-	3374
	Sub-Total	15731	-	-	15731	16033	-	-	-	16033
XIII.	OTHER SERVICES									
	State Govt. Sector, Government Administration and Departmental Enterprises	2945	-	-	2945	2062	-	-	-	2062
	N.D.C.Us	83	-	-	83	99	-	-	-	99
	Private Sector	-	3731	-	3731	-	4353	-	-	4353
	Sub-Total	3028	3731	-	6759	2161	4353	-	-	6514
	Grand Total	88135	43104	84314	215553	77865	30182	94383	-	202430

Annexure I Contd.....

Sl.No.	Industry of Use Type of Institutions	1987-88			1988-89			Total
		Public	Private	Household	Public	Private	Household	
		11	12	13	14	15	16	
XII.	PUBLIC ADMINISTRATION							
	Govt. Administration, State Govt. Sector and Departmental Enterprises	10557	-	10557	11588	-	11588	11588
	Central Government Administration	3344	-	3344	4314	-	4314	4314
	Sub-Total	13901	-	13901	15902	-	15902	15902
XIII.	OTHER SERVICES							
	State Govt. Sector Govt. Administration & Departmental Enterprises	864	-	864	1822	-	1822	1822
	N.D.C.U.s	204	-	204	39	-	39	39
	Private Sector	-	4845	4845	-	4923	4923	4923
	Sub-Total	1068	4845	5913	1861	4923	6784	6784
	Grand Total	79793	32694	104662	93815	117589	340579	340579

(B) (1) (1) (1)

Annexure II - State of Kerala, of certain direct
taxes levied on the income of individuals and firms

**Annexure II A - Gross Capital Formation of State Government Administrative
Departments in Kerala by 'Type of Assets' at current prices.**

(Rs.in lakhs)

Sl.No.	Disbursement	1985-86	1986-87	1987-88	1988-89
		(Accts)	(Accts)	(Accts)	(Accts)
		3	4	5	6
I.	Construction (a+b+c)	14949	13480	11383	11841
a.	Buildings	3738	5147	3637	47
b.	Roads & Bridges	4565	4234	4453	4144
c.	Other Construction	6646	4099	3293	1550
II.	Machinery and Equipment (a+b)	1492	2725	1644	1941
a.	Plant and machinery	236	1939	148	1635
b.	Transport equipment	56	786	896	306
III.	Net purchase of Second Physical Assets	54	43	20	41
IV.	Gross Fixed Capital Formation (I+II+III)	16995	16248	13047	13823
V.	Charge in Stock	(-1749)	4	398	1337
VI.	Gross Capital Formation (IV+V)	15246	16252	13445	15160

**Annexure II B - Gross Capital Formation of State Government Administrative Departments in Kerala
by Industry of use at current prices**

SI.No.	Industry of use	1985-86	1986-87	1987-88	1988-89
1	2	3	4	5	6
1.	Construction	(-)892	1531	995	1750
2.	Water Supply	-	-	1029	-
3.	Other Services	2945	2062	864	1822
a.	Education	2271	1181	381	1050
b.	Medical	674	881	483	772
c.	Family Welfare	-	-	-	-
d.	Public health and sanitation	-	-	-	-
	Total 1 to 3	2053	3593	2888	3572
4.	Public Administration	13193	12659	10557	11588
	Total	15246	16252	13445	15160

**Annexure III A - Gross Capital Formation of State Government Departmental Enterprises in Kerala
by 'Type of Assets' at current prices**

Sl.No.	Disbursement	1985-86			1986-87			1987-88			1988-89		
		1	2	3	4	5	6	7	8	9	10	11	12
I.	Construction (a+b+c)			7323	6325	5381	6151						
a.	Buildings			186	101	80	127						
b.	Roads and Bridges			26	2		1						
c.	Other construction			7111	6222	5301	6023						
II.	Machinery and Equipment (a+b)			227	280	265	398						
a.	Plant and Machinery			218	254	206	291						
b.	Transport Equipment			9	26	59	107						
III.	Net purchase of second hand physical Assets			-	-	-	-						
IV.	Gross Capital Formation (I+II+III)			7550	6605	5646	6549						
V.	Charge of stock			(-)117	134	444	532						
VI.	Gross Capital Formation (IV+V)			7433	6739	6090	7081						

**Annexure III B - Gross Capital Formation of State Government Departmental Enterprises in Kerala
by 'Industry of use' at current prices**

S.No.	Industry of use	1985-86	1986-87	1987-88	1988-89
1	2	3	4	5	6
1.	Agriculture	6821	6225	5607	6405
2.	Forestry	215	26	72	43
3.	Manufacturing (3.1+3.2)	68	85	36	32
3.1	Printing press	68	85	36	32
3.2	Book supply	-	-	-	-
4.	Construction	-	-	-	-
5.	Electricity	-	-	-	-
6.	Railway	-	-	-	-
7.	Communication	-	-	-	-
8.	Other Transport (8.1+8.2+8.3)	329	403	375	601
8.1	Port, pilfotage, light house	225	190	173	248
8.2	Civil aviation	104	213	202	353
8.3	Others	-	-	-	-
9.	Trade, hotels and restaurants	-	-	-	-
10.	Banking and Insurance	-	-	-	-
Total		7433	6739	6090	7081

Annexure III B - Gross Capital Formation of State Government Departmental Enterprises in Kerala
(Current prices)

Annexure IV-A. Gross Fixed Capital Formation in Non-Departmental Commercial undertakings in Kerala
(Category-wise)

Rs. in thousands

Sl. No	Category	1	2	3	4	5	6	7	8	9	10
		Land development	Build- ing	Capital work in progress	Other construction	Expendi- ture during construction	Transport equip- ments	Machinery and office equipments	Total		
I.	Agriculture	7700	3228	(-)432	4391	(-)661	699	369	15294		
II.	Forestry & Logging	1350	1382	-	10	-	11	88	2841		
III.	Manufacturing (Registered)	407	49306	103167	87486	34773	3490	161944	440573		
IV.	Mining & quarrying	-	-	-	127	-	24	217527	217678		
V.	Trade, Hotels and Restaurants	1030	1062	2789	3486	-	469	1414	10250		
VI.	Other Services	26	5521	(-)499	1204	1139	176	687	8254		
VII.	Transport, by other means & storage	-	130561	198257	16731	1105	10206	2854	359714		
VIII.	Construction	-	-	-	640	169	261	1397	2467		
	Total	10513	191060	303282	114075	36525	15336	386280	1057071		

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Annexure IV B - Gross Fixed Capital Formation in Non-Departmental Commercial undertakings in Kerala (Category-wise)

1986-87

Rs. in thousands

Sl. No.	Category	1	2	3	4	5	6	7	8	9	10
		Land development	Buildings	Capital work in progress	Other construction	Expenditure during construction	Transport equipment	Machinery & office equipments	Total		
I.	Agriculture	1425	3458	875	3022	-	502	2621	11903		
II.	Forestry & Logging	392	36	898	43	-	(-)/65	39	1343		
III.	Manufacturing (Registered)	269	81494	(-)/41713	41580	34117	5183	420190	541120		
IV.	Mining & quarrying	-	1823	(-)/4980	736	-	113	4532	2224		
V.	Trade, Hotels and Restaurants	-	2609	21141	2054	1600	2102	9535	39041		
VI.	Other Services	-	4907	(-)/548	216	4061	123	1127	9886		
VII.	Transport by other means and storage	1907	57657	(-)/727652	682124	-	96426	17964	128426		
VIII.	Construction	-	-	213813	2977	-	-	1943	218733		
	Total	3993	153476	(-)/538166	733494	39125	104687	459582	956191		

Annexure IV C - Gross Fixed Capital Formation in Non-Departmental Commercial undertakings in Kerala (Category-wise)

Rs. in thousands

Sl. No.	Category	Rs. in thousands								
		3	4	5	6	7	8	9	10	
		Land development	Buil- dings	Capital work in progress	Other Constru- ction	Expenditure during construction	Transport equip- ment	Machinery & office equipments	Total	
I.	Agriculture	528	1322	310	2396	(-)137	525	2217	7161	
II.	Forestry & Logging	-	367	-	682	-	-	169	1218	
III.	Manufacturing (Registered)	312	80117	197092	48699	35179	(-)2951	230392	588840	
IV.	Mining & Quarrying	-	1841	(-)143	378	-	(-)19	2634	4691	
V.	Trade, Hotels and Restaurants	528	20676	4673	10308	86	2111	4167	42549	
Vi.	Other Services	-	14272	(-)165	4101	-	709	1526	20443	
VII.	Transport by other means and storage	2064	9732	7648	32552	1956	45806	2975	102733	
VIII.	Construction	-	(-)416	37271	1525	-	106	988	39474	
	Total	3432	128121	246686	101403	37084	46483	246130	809339	

Annexure IV D - Gross Fixed Capital Formation in Non-Departmental Commercial undertakings in Kerala (Category-wise)

1988-89

Rs. in thousands

Sl. No.	Category	Rs. in thousands								
		3	4	5	6	7	8	9	10	
		Land development	Buildings	Capital work in progress	Other construction	Expenditure during construction	Transport equipment	Machinery & office equipments	Total	
I.	Agriculture	1897	406	1306	(-)692	452	136	(-)965	2540	
2.	Forestry & Logging	-	-	15	-	-	-	62	77	
III.	Manufacturing (Registered)	46	99906	82381	65942	37172	6890	314196	606533	
IV.	Mining & Quarrying	-	1090	2869	220	-	15	8070	12264	
V.	Trade, Hotels and Restaurants	61	2639	54	2616	1437	4056	5020	15883	
VI.	Other Services	1399	1219	219	494	-	178	396	3905	
VII.	Transport by other means and storage	1327	22599	(-)317786	322696	978	71128	9919	110861	
VIII.	Construction	-	505	(-)56143	73	-	211	33	(-)55321	
	Total	4730	128364	(-)287085	391778	40039	83950	337953	699729	

Annexure V - Gross Fixed Capital Formation in Agriculture at current prices (Household sector)
(Rs.in lakhs)

Sl.No.	Years	Rural		Urban		Total
		3	4	5	6	
1.	1985-86	9395	2424	11819		
2.	1986-87	10409	2795	13204		
3.	1987-88	12431	3354	15785		
4.	1988-89	13585	3669	17254		

Annexure VI - Gross Fixed Capital Formation in Livestock at current prices

Sl.No.	Category	1985-86		1986-87		1987-88		1988-89	
		3	4	5	6	7	8	9	10
1.	Cattle male over three years	(-)16086	(-)14579	(-)14432	(-)13272				
2.	Cows in milk	65915	65639	74637	75456				
3.	Buffalos - male over three years	(-)6689	(-)6921	(-)6567	(-)6418				
4.	She buffalows in milk	(-)1112	(-)1060	(-)1282	(-)1618				
5.	Goats - females 1 year over in milk	5773	5947	6820	12270				
6.	Goats - males 1 year over	121	130	154	288				
	Total	47922	49156	59330	66706				
	Rs. in lakhs	479	492	593	667				

Annexure VII - Gross Fixed Capital Formation at current prices - Fisheries Sector

Sl. No.	Type of Boats	Years				
		1985-86	1986-87	1987-88	1988-89	
1	2	3	4	5	6	
Mechanised Boats						
1.	Gill Nitters	74400	91893	112969	138375	
2.	Travelers	241965	332024	453213	615044	
3.	Liners	11715	13312	15200	17415	
4.	Others	12312	14106	15977	18231	
Non-Mechanised Boats						
1.	Beachscine Boats	(-)13110	(-)12524	(-)11730	(-)10914	
2.	Plant bink boats	56810	67172	78660	91494	
3.	Dugsoat Canoes	(-)22610	(-)23250	(-)23760	(-)24225	
4.	Catamarams	(-)2717	(-)2643	(-)2721	(-)2798	
5.	Others	(-)3036	(-)2890	(-)2952	2983	
	Total	355799	477270	634856	845605	
	Rs. in lakhs	3557	4772	6349	8456	

Annexure VIII - Gross Fixed Capital Formation Registered manufacturing Sector

Rs.in lakhs

Sl.No.	Components	1985-86	1986-87	1987-88	1988-89
		3	4	5	6
1.	Improvement to land	450	2098	801	16
2.	Building	4993	22	1245	4232
3.	Plant and machinery	19129	1320	7539	88372
4.	Transport equipment	225	(-)240	(-)167	352
5.	Tools and other fixed assets	9609	2300	216	8115
6.	Assets under construction	(-)4166	7802	4125	7671
7.	Net addition	30240	13302	13759	108758
8.	Depreciation	1526	3246	2629	1513
9.	Total	31766	16548	16388	110271
10.	Less Water supply	10763	9050	5586	10605
11.	Gross Fixed Capital Formation	21003	7498	10802	99666

**Annexure IX - Statement of Capital expenditure of Kerala State Electricity Board
(additions each year)**

Sl. No.	Years	Land	Building	Capital work in progress	Expenditure during construction and other construction	Transport equipment	Machinery and other office equipment	Total
		3	4	5	6	7	8	9
1.	1985-86	-	21093	1901119	5027	231	560337	2487807
2.	1986-87	-	1994	2486478	992	386	83929	2573779
3.	1987-88	-	387	2933625	1264	(-)23	129674	3064927
4.	1988-89	-	64582	2668697	580080	18296	161898	3493553
	Total	-	88056	9989919	587363	18890	935838	11620066

Annexure X - Addition to Fixed Assets of Cochin Refineries

Sl. No.	Years	Land development	Building	Capital work in progress	Other Construction	Expenditure during Construction	Transport equipment	Machinery and other office equipment	Total
		3	4	5	6	7	8	9	10
1.	1985-86	-	31289	-	1183	5171	2141	1158027	1497811
2.	1986-87	-	31517	-	212771	378	13665	47963	200014
3.	1987-88	-	1374	-	89016	572	23236	(-)5088	109110
4.	1988-89	-	11571	-	983	549	353	38477	51933

**Annexure XI - Gross Fixed Capital Formation - Ownership of Dwellings (Residential Buildings)
at current prices**

Years	(Rs.in lakhs)		
	Rural	Urban	Total
1	2	3	4
1985-86	53851	18644	72495
1986-87	59984	21195	81179
1987-88	65757	23120	88877
1988-89	73840	26495	100335

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**Annexure XII - Estimates of Gross Fixed Capital Formation from Supra regional sectors and
Central Government Administration - at current prices**

Sl.No.	Sectors/Years					
	2	3	4	5	6	
1	1985-86	1986-87	1987-88	1988-89		
1. Railways	2960	2367	2813	3313		
2. Communication	6090	5839	8376	15127		
3. Banking and Insurance	2491	2093	1679	3348		
4. Central Government Administration	2538	3374	3344	4314		

Annexure XIII - Industry-wise Gross Fixed Capital Formation - Private Sector - at current prices

Sectors/Years	1985-86	1986-87	1987-88	1988-89
	2	3	4	5
Mining & Quarrying	146	146	202	231
Manufacturing (un-registered)	752	813	762	787
Construction	41	41	44	51
Transport and Storage	1138	1338	1651	1819
Trade, Hotels & Restaurants	1440	1644	1823	1896
Other Services	3731	4353	4845	4923

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