

Table 7

Fifty Years of Kerala' Economy (1956-2006)

Tables on Demographic Change, Economic Growth, Sectoral Change of Kerala's Economy (Tables 1-100)

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Table 1 : Population Growth of Kerala : 1901 - 2001

Census Year	Population (in lakh)			Decadal percentage of increase of population			Density of population per sq. km.
	Males	Females	Persons	Males	Females	Persons	
1901	31.91	32.05	63.96	-	-	-	165
1911	35.60	35.88	71.48	11.6	12.0	11.8	184
1921	38.79	39.23	78.02	9.0	9.3	9.2	201
1931	47.03	48.04	95.07	21.3	22.5	21.9	245
1941	54.44	55.88	110.32	15.8	16.3	16.0	284
1951	66.82	68.67	135.49	22.7	22.9	22.8	349
1961	83.62	85.42	169.04	25.2	24.4	24.8	435
1971	105.38	107.59	213.47	26.6	26.0	26.3	549
1981	125.28	129.26	254.54	18.3	20.2	19.2	655
1991	142.89	148.09	290.98	14.0	14.6	14.3	749
2001	154.69	163.70	318.39	8.25	10.5	9.4	819

Source: 1. Census of India 1981, Series 10, Kerala, Paper 3 of 1981 Final Population Tables
2. Census of India 1991, Series 12, Kerala, Paper 1 of 1991
3. Census of India, 2001, Series 33, Kerala, Paper 1 of 2001.

Table 2 : Rural Urban Population of Kerala

Census year	Proportion of total population (percent)		Decennial growth rate (percent)	
	Rural	Urban	Rural	Urban
1901	92.89	7.11	-	-
1911	92.66	7.34	11.46	15.44
1921	91.27	8.73	7.51	29.78
1931	90.36	9.64	20.64	34.58
1941	89.16	10.84	14.49	30.47
1951	86.52	13.48	19.18	52.72
1961	84.89	15.11	22.40	39.89
1971	83.76	16.24	24.60	35.72
1981	81.26	18.74	15.66	37.64
1991	73.61	26.39	3.25	60.97
2001	74.03	25.97	10.05	7.64

Source: Census of India 1991, Series 12, Kerala, Paper 2 of 1991
Census of India 2001, Series 33, Kerala, Paper 2 of 2001.

Table 3 : Decennial Growth Rate of Population (1951-2001)

Sl. No.	State/District	Decennial Growth Rate (Percent)				
		1951-61	1961-71	1971-81	1981-91	1991-2001
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	KERALA	24.76	26.29	19.24	14.32	9.42
1	Kasaragod	24.60	33.36	27.78	22.78	12.30
2	Kannur	30.24	31.82	24.34	16.63	7.13
3	Wayanad	62.60	50.35	33.87	21.32	17.04
4	Kozhikode	25.71	29.81	23.25	16.69	9.87
5	Malappuram	20.67	33.80	29.43	28.87	17.22
6	Palakkad	12.79	23.06	21.30	16.52	9.86
7	Thrissur	20.32	26.09	14.60	12.20	8.70
8	Emakulam	21.93	27.49	17.43	11.42	9.09
9	Idukki	74.94	31.89	25.99	10.45	6.96
10	Kottayam	16.04	17.13	10.29	7.71	6.76
11	Alappuzha	20.45	19.01	11.62	7.28	5.21
12	Pathanamthitta	23.48	15.75	9.44	5.60	3.72
13	Kollam	31.59	25.88	18.27	10.68	7.33
14	Thiruvananthapuram	31.38	26.03	18.08	13.50	9.78

Source: Census of India 2001, Series 33, Kerala, Paper 1 of 2001

Table 4 : Density of Population in Kerala (1951-2001)
(Persons per sq. km.)

State/District	1951	1961	1971	1981	1991	2001
KERALA	349	435	549	655	749	819
1. Kasaragod	206	257	343	438	538	604
2. Kannur	305	397	524	651	759	813
3. Wayanad	79	129	194	260	315	369
4. Kozhikode	476	599	777	958	1118	1228
5. Malappuram	324	391	523	677	872	1022
6. Palakkad	271	306	376	456	532	584
7. Thrissur	463	557	702	805	903	981
8. Emakulam	579	706	899	1053	963	1050
9. Idukki	66	115	152	193	236	252
10. Kottayam	514	596	699	771	828	884
11. Alappuzha	825	993	1182	1319	1415	1489
12. Pathanamthitta	272	336	389	426	450	467
13. Kollam	446	587	738	873	967	1038
14. Thiruvananthapuram	606	796	1003	1184	1344	1476

Source: Census of India 1991, Series 12, Kerala, Paper 1 of 1991.

Census of India 2001, Series 33, Kerala Paper 1 of 2001.

Table 5 : Sex ratio in Kerala (1951-2001) (Females per 1000 males)

State/District	1951	1961	1971	1981	1991	2001
KERALA	1028	1022	1016	1032	1036	1058
1. Kasaragod	1046	1026	998	1020	1026	1047
2. Kannur	1074	1048	1033	1040	1049	1090
3. Wayanad	838	903	922	949	966	1000
4. Kozhikode	1019	1007	1004	1020	1027	1058
5. Malappuram	1055	1057	1041	1052	1053	1063
6. Palakkad	1085	1077	1056	1056	1061	1068
7. Thrissur	1105	1093	1081	1100	1085	1092
8. Emakulam	1008	999	988	997	1000	1017
9. Idukki	909	914	937	963	975	993
10. Kottayam	987	988	991	1001	1003	1025
11. Alappuzha	1022	1026	1025	1043	1051	1079
12. Pathanamthitta	996	1011	1019	1056	1062	1094
13. Kollam	997	996	1000	1022	1035	1070
14. Thiruvananthapuram	1010	1005	1008	1030	1036	1058

Source: Census of India 2001, Series 33, Kerala, Paper 1 of 2001.

Table 6 : Demographic Indicators

Year	Birth rate	Death rate	Infant mortality rate
1941 - 50	39.8	22.3	153
1951 - 60	38.9	16.9	120
1970	32.3	9.2	61
1981	25.6	6.6	37
1991	19.8	5.8	17
1998	-	6.4	15.6
2001	16	-	15.3
2004	16.7	6.3	11.0

Source: SPB, 1990, Economic Review, 1989

SPB 2003, Economic Review, 2002

SPB, 2004 Economic Review, 2003

SPB, 2006, Economic Review, 2005

Table 7 : Life Expectancy at Birth

Year	Life Expectancy (years)	
	Male	Female
1979 - 1981	64.70	69.00
1980 - 1982	66.30	70.70
1990 - 1991	69.00	72.00
2004	71.67	75.00

Source: DES, 1989, Sample Registration in Kerala - Rural, Annual Report 1987.
SPB, 2006, Economic Review 2005.

Table 8 : Literacy Rate 1951-2001 (Percent)

Year	Persons	Males	Females
(1)	(2)	(3)	(4)
1951	47.18	58.35	36.43
1961	55.08	64.89	45.56
1971	69.75	77.13	62.53
1981	78.85	84.56	73.36
1991	89.81	93.62	86.17
2001	90.92	94.20	87.86

Source : Census of India 2001, Series 33, Kerala Paper 1 of 2001.

Note: In 1951, 1961, 1971 literacy rate is the percentage of literates to total population aged 5 years and above. In 1981, 1991 and 2001, it is the percentage of literates to population aged 7 years and above.

Table 9 : Net State Domestic Product of Kerala (Rs. in lakh)

Year	Net State Domestic Product (at current prices)	Net State Domestic Product (at constant prices)	Percapita Income (at current prices)	Percapita Income (at constant prices)
1960 - 61	43222	43222*	258.6	258.6*
1965 - 66	71069	48839*	379.5	260.8*
1970 - 71	122941	62575*	585.5	298.0*
1974 - 75	197931	70489*	860.9	300.6*
1980 - 81	382273	382273**	1508	1508**
1985 - 86	650341	408636**	2398	1507**
1990 - 91	1217349	526234**	4200	1815**

* At 1960 - 61 prices

* At 1980 - 81 prices

Source : BES, 1977, Statistics for Planning 1977
DES, 1999, Statistics since Independence

Table 10 : Net State Domestic Product of Kerala

Year	Net State Domestic Product (at current prices) (Rs in Lakh)	Net State Domestic Product (at constant prices) (1993-94 Prices) (Rs in lakh)	Percapita Income (at current prices) (Rs.)	Percapita Income (at constant prices) (1993-94 Prices) (Rs.)
1993 - 94	2385107	2385107	7938	7938
1994 - 95	2902236	2590792	9539	8516
1995 - 96	3533031	2694747	11469	5748
1996 - 97	4069868	2802645	13050	8987
1997 - 98	4488347	2863315	14231	9079
1998 - 99	5106096	3064366	16029	9619
1999 -2000	5692604	3271615	17709	10178
2000 - 01	6373743	3396268	20107	10714
2001 - 02	6485351	3440414	20287	10762
2002 - 03	7369684	3754949	22776	11605
2003 - 04 (Provisional)	8011612	4032756	24492	12328
2004 - 05 (Quick)	8945199	4405472	27048	13321

Source: DES, 2001, Statistics for Planning, 2001
 SPB, 2006, Economic Review 2005

Table 11 : Annual Average Growth Rate of Net Domestic Product of Kerala

Year	Sectorwise growth rate (percent)			
	Primary	Secondary	Tertiary	Total
1960 - 61 to 1965 - 66	0.4	5.8	4.4	2.5
1965 - 66 to 1970 - 71 (1960 - 61 prices)	5.1	4.3	5.6	5.1
1970 - 71 to 1975 - 76	1.6	4.0	3.3	2.6
1975 - 76 to 1980 - 81 (1970 - 71 prices)	-1.2	5.6	4.1	2.0
1980 - 81 to 1985 - 86	0.20	0.58	3.24	1.41
1985 - 86 to 1990 - 91	5.14	6.15	5.31	5.30
1990 - 91 to 1995 - 96 (1980 - 81 prices)	2.75	8.19	9.19	6.76
1995 - 96 to 2000 - 01	1.02	3.34	8.06	5.06
2000 - 01 to 2004 - 05 (1993 - 94 prices)	1.68	4.19	9.21	6.77

Sources: BES, 1977, Statistics for Planning 1977;
 DES, State Income and Related Aggregate of Kerala 1983-84 and 1985-86.
 SPB, 1992, Economic Review, 1991
 SPB, 2006, Economic Review, 2005
 DES, 2001 Statistics for Planning 2001.

Table 12 : Distribution of Net Domestic Product of Kerala

Year	Sectoral share (percent)			
	Primary	Secondary	Tertiary	Total
1960 - 61	56.0	15.2	28.8	100.00
1970 - 71 (1960 - 61 prices)	50.5	17.1	32.4	100.00
1970 - 71	49.4	16.3	34.2	100.00
1980 - 81 (1970 - 71 prices)	40.3	20.6	39.2	100.00
1980 - 81	39.23	24.37	36.40	100.00
1993 - 94 (1980 - 81 prices)	32.26	25.82	41.92	100.00
1993 - 94	32.23	20.32	47.45	100.00
2000 - 01	25.30	19.50	55.20	100.00
2004 - 05 (Quick) (1993 - 94 prices)	16.60	18.69	64.71	100.00

Source: Same as Table 11

**Table 13 : Industrial Classification of Total Workers in Kerala
(in thousands)**

Industrial category	1961 Census	1971 Census	1981 Census	1991 Census
Total workers	5630	6211	7771	9146
1. Cultivators	1178	1106	1063	1122
2. Agricultural labourers including activities unspecified	1753	1908	2298	2432
3. Livestock, forestry, fishing, mining etc.	487	464	774	767
Total primary	3418	3478	4135	4321
4. Household industry	489	265	314	383
5. Other than household industry	529	711	972	962
6. Construction	71	107	224	332
Total secondary	1089	1083	1510	1677
7. Trade and Commerce	322	565	793	1049
8. Transport, storage & communication	153	242	377	497
9. Other services	648	843	955	1602
Total tertiary	1123	1650	2125	3148

Source: Census of India 1961, Vol. 7, Kerala, Part II B(i)

Census of India 1981, Series 10, Kerala, Part III (A and B) (i)

BES 1977, Statistics for Planning 1977.

**Table 14 : Industrial Classification of Workers in Kerala
(growth rate in percent)**

Industrial category	1961-1971	1971-1981	1981-1991
Total workers	10.31	25.11	17.69
1. Cultivators	-6.11	-3.89	5.55
2. Agricultural labourers including activities unspecified	8.84	20.44	5.83
3. Livestock, forestry, fishing, mining etc.	-4.72	66.81	-0.90
Total primary	1.76	18.89	4.50
4. Household industry	-45.81	18.49	21.97
5. Other than household industry	34.40	36.71	-1.03
6. Construction	50.70	109.35	48.21
Total secondary	-0.55	39.43	11.06
7. Trade and Commerce	75.47	40.35	32.28
8. Transport, storage & communication	58.17	55.79	31.83
9. Other services	30.09	13.29	67.75
Total tertiary	46.93	28.79	48.14

Source: Same as Table 13

**Table 15 : Industrial Classification of Workers in Kerala
(percent)**

Industrial category	1961	1971	1981	1991
Total workers	100	100	100	100
1. Cultivators	20.9	17.80	13.7	12.27
2. Agricultural labourers including activities unspecified	31.2	30.7	29.5	26.59
3. Livestock, forestry, fishing, mining etc.	8.6	7.4	10.0	8.39
Total primary	60.7	55.9	53.2	47.24
4. Household industry	8.7	4.2	4.0	3.92
5. Other than household industry	9.4	11.4	12.5	10.52
6. Construction	1.3	1.7	2.9	3.63
Total secondary	19.4	17.4	19.4	18.34
7. Trade and Commerce	5.7	9.09	10.2	11.47
8. Transport, storage & communication	2.7	3.8	4.9	5.43
9. Other services	11.5	13.5	12.3	17.52
Total tertiary	20.0	26.5	27.4	34.42

Source: Same as Table 13

Table 16 : Distribution of Workers* in Kerala by Industrial Category (%)

Sector	Urban		Rural	
	1993-94	1999-2000	1993-94	1999-2000
Agriculture	25.3	9.5	56.4	48.3
Mining and quarrying	0.5	0.3	1.5	1.7
Primary	25.8	9.8	57.9	50.0
Manufacturing	18.8	20.2	12.8	12.6
Electricity, water etc.	0.6	0.5	0.3	0.2
Construction	8.0	10.7	5.7	9.4
Secondary	27.4	31.4	18.8	22.2
Trade, hotels and restaurants	16.7	30.5	9.0	11.9
Transport	7.8	8.7	4.0	6.2
Real estate and business services	3.0	4.4	1.1	1.8
Services (public administration etc)	19.3	15.2	9.2	8.1
Tertiary	46.8	58.8	23.3	28.0
Total	100.00	100.00	100.00	100.00

Source : National Sample Survey Organisation, 2000; *Sarvekshana*, 1996.

Note : *Usual principal and subsidiary status.

Table 17 : Distribution of Workers* in Kerala

	1993 - 1994			1999 - 2000		
	Male	Female	Persons	Male	Female	Persons
I. Rural						
Self-employed	40.8	55.0	45.4	38.1	53.0	42.9
Regular employed	12.3	9.7	11.5	13.0	15.0	13.7
Casual labour	46.9	35.3	43.1	48.9	32.0	43.4
Total	100.0	100.0	100.0	100.0	100.0	100.0
II. Urban						
Self-employed	37.5	45.8	39.8	37.4	50.9	41.3
Regular employed	26.8	26.6	26.8	28.0	31.9	29.1
Casual labour	35.7	27.6	33.4	34.6	17.2	29.6
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: National Sample Survey Organisation, 2001; *Sarvekshana*, 1996.

Note: *Usual principal and subsidiary status.

Table 18 : Unemployment in Kerala

Employment Surveys	Number of Unemployed (in lakh)			Unemployment rate (percent)		
	Male	Female	Total	Male	Female	Total
1. Techno Economic Survey (1956)	-	-	6.6	-	-	12.86
2. BES Survey (1965 - 66)	3.04	2.43	5.47	7.10	13.98	9.09
3. DES Survey (1980)	-	-	14.01	-	-	18.0
4. DES Survey (1987)	13.18	14.63	27.81	17.8	48.9	25.8

Note: Unemployment rate : Percentage of unemployed to the total labour force.

Source: BES, 1976, Planning for Employment in Kerala.

DES, 1982, Survey on Housing and Employment, 1980.

DES, 1988, Report on the Survey on Unemployment in Kerala, 1987.

NCAER, 1962, Techno Economic Survey of Kerala, New Delhi.

Table 19 : Rural Unemployment Rates in Kerala (%)

	1993 - 94			1999 - 2000		
	Male	Female	Person	Male	Female	Person
Usual principal status	7.2	15.8	9.4	7.6	19.7	10.9
Current weekly status	7.1	12.9	8.9	10.1	18.0	12.5
Current daily status	13.1	19.0	14.7	20.0	26.1	21.7

Sources: National Sample Survey Organisation, 2001; *Sarvekshana*, 1996.

Table 20 : Urban Unemployment Rates in Kerala (%)

	1993 - 94			1999 - 2000		
	Male	Female	Person	Male	Female	Person
Usual principal status	7.6	24.4	12.0	6.9	26.4	12.5
Current weekly status	9.3	22.0	12.9	9.7	23.5	13.8
Current daily status	14.1	27.8	17.7	15.5	28.2	19.1

Sources: National Sample Survey Organisation, 2001; *Sarvekshana*, 1996.

**Table 21 : Unemployment Rates among Youth in Kerala
(Current Daily Status), 1999-2000**

Category	Age group (years)			
	15 - 19	20 - 24	25 - 29	15 - 29
Rural				
Male	43.7	32.6	26.4	32.3
Female	50.6	53.8	33.8	45.8
Person	45.9	38.9	28.5	36.3
Urban				
Male	44.7	30.3	15.7	26.6
Female	48.4	61.9	38.8	50.4
Person	45.7	41.8	22.7	34.3

Source: National Sample Survey Organisation, 2001.

**Table 22 : Unemployment Rates of Educated Persons Aged 15
years and above (Usual Principal Status)**

Category	1993 - 94 (%)	1999 - 2000 (%)
Rural		
Male	18.5	15.0
Female	49.6	49.1
Person	27.2	25.3
Urban		
Male	12.6	9.9
Female	40.6	41.9
Person	21.4	21.1

Source: National Sample Survey Organisation, 2001.

Table 23 : Distribution of work seekers in Kerala by Educational Levels

Sl. No.	Category	1971	1981	1991	2001	2005 (June)
1.	Below S.S.L.C	166305	972788 (484.94)	1318514 (35.54)	966914 (-26.67)	653823 (-32.38)
2.	S.S.L.C	167814	748898 (346.27)	1885304 (151.74)	2574722 (36.57)	2266795 (-11.96)
3.	Pre-Degree	10168	90254 (787.62)	257173 (184.94)	542815 (111.07)	577068 (6.31)
4.	Graduate	20841	84737 (306.59)	150014 (77.03)	280618 (87.06)	231774 (-17.40)
5.	Post Graduate	2223	7042 (216.78)	27799 (294.76)	66270 (138.39)	56490 (-14.76)
6.	S.S.L.C and above	201046	930931 (343.04)	2320290 (149.24)	3464425 (49.31)	3132127 (-9.59)
7.	Total	367351	1903719 (418.23)	3638804 (91.14)	4431339 (21.78)	3785950 (-14.56)

Note: Figures in brackets are growth rate in percentage

Sources: DES, 1986, Statistics for Planning

SPB, 2003, Economic Review 2002.

SPB, 2006, Economic Review, 2005

Table 24 : Number of Professional and Technical Work Seekers in Kerala

Sl. No.	Category	1970	1980	1991	1996	2001	2005 (June)
1.	Medical Graduates	281	871 (209.96)	2588 (197.13)	1976 (-23.65)	2734 (38.36)	3895 (42.46)
2.	Engineering Graduates	1852	1505 (-18.74)	7762 (415.74)	7274 (-6.29)	10397 (42.93)	9661 (-7.07)
3.	Diploma holders in Engineering	3547	6833 (92.64)	22399 (227.80)	28565 (27.53)	46377 (62.36)	40806 (-12.01)
4.	ITI certificate holders	8380	29973 (257.67)	75898 (153.22)	89847 (18.38)	115736 (28.81)	110469 (-4.55)
5.	Agricultural Graduates	133	106 (-20.30)	363 (242.45)	1265 (248.48)	1503 (18.81)	907 (-39.65)
6.	Veterinary Graduates	70	17 (-75.71)	13 (-23.53)	32 (146.15)	383 (1096.87)	637 (66.31)
	Total	14263	39305 (175.57)	109023 (177.37)	128959 (18.28)	177130 (37.35)	166375 (-6.07)

Note: Figures in brackets are growth rate in percentage

ITI - Industrial Training Institute

Sources : DES, 1997, Statistics since Independence

SPB, 2003, Economic Review, 2002.

SPB, 2006, Economic Review, 2005.

Table 25 : Stock of Indian Emigrants in Gulf Countries

Year	Number of Indian Emigrants (in lakh)	Number of Keralite Emigrants (in lakh)
1979	5.01	2.50
1981	5.99	2.99
1983	9.16	4.58
1987	9.57	4.78
1990	12.35	6.17
1991	16.50	8.25
1996	28.00	14.00

Note: The share of Keralites to the total Indian migrants is assumed as 50 per cent.

Source : Data collected directly from the Ministry of External Affairs.

Table 26 : Workers' Remittances from the Gulf to India and Kerala

Year	Remittances to India (in Rs. crore)	Remittances to Kerala (in Rs. crore)	Remittances to Kerala as Percent of Net Domestic Product of Kerala
1980	1648	824	215
1981	1560	780	19.2
1982	1822	911	19.3
1983	1986	993	17.9
1984	2236	1118	18.2
1985	2036	1018	15.6
1986	2242	1121	15.2
1987	2648	1324	16.0
1988	2414	1207	13.1
1989	2732	1366	12.8
1990	2620	1310	10.7
1991	4670	2335	15.4
1992	4132	2066	12.0
1993	7174	3587	19.0
1994	11714	5857	27.0
1995	11078	5539	21.5

Source: World Bank, World Tables 1995, Global Development Finance Vol. 2 (1997)

Table 27 : District-wise Distribution of Intensity of Migration and Remittances in 1980

District	Number of Gulf emigrants per 1000 Population	Emigrants as Percentage of openly Unemployed	Remittances as Percentage of Net Domestic Product
Trivandrum	8.1	10.3	24.3
Quilon	6.7	7.8	19.0
Alleppey	7.2	11.4	24.3
Kottayam	2.4	4.1	7.3
Idukki	0.3	0.8	0.8
Emakulam	1.5	2.3	3.2
Trichur	15.5	33.2	47.0
Palghat	3.4	7.1	11.7
Malappuram	14.5	55.3	61.9
Kozhikode	6.5	13.2	18.2
Cannanore	8.3	24.5	23.3
Kerala	7.3	13.3	21.5

Note: Pathanamthitta, Wayanad and Kasaragod districts were not in existence in 1980. Of these, Pathanamthitta and Kasaragod districts have a high intensity of Gulf Migration.

Source: DES, 1982 Survey of Housing and Employment 1980.

Table 28: Stock of Indian Emigrants in the Gulf Countries, February 2000

Country	Stock of Indian emigrants (in lakhs)	Percent
Soudi Arabia	12.0	39.09
U.A.E	10.0	32.57
Oman	3.4	11.07
Kuwait	2.8	9.12
Bahrain	1.3	4.23
Qatar	1.2	3.91
Total	30.7	100.00

Source : Gulf Division, Ministry of External Affairs, New Delhi.

Table 29 : Workers Remittances from Abroad

Year	Remittances to Kerala (Rs. Crores)	Remittances as Percent of NSDP
1999	13652	25.49
2000	14438	23.08
2001	15732	24.69
2002	17362	23.77
2003	18465	22.04

Source : K.C. Zachariah and S. Irudaya Rajan 2004, Gulf Revisited, Working Paper, CDS.

Table 30 : District wise Distribution of Remittances

Districts	Remittances (Rs. Crore)	Remittances as percent of NDP
	(1)	(2)
Thiruvananthapuram	1927	21.1
Kollam	1813	26.9
Pathanamthitta	954	28.6
Alappuzha	1339	23.8
Kottayam	580	10.2
Idukki	39	1.1
Ernakulam	1515	14.5
Thrissur	3234	38.2
Palakkad	1148	19.4
Malappuram	2892	45.8
Kozhikode	1357	17.8
Wayanad	68	3.4
Kannur	976	16.3
Kasaragode	623	21.5
KERALA	18465	22.0

Source : Same as Table 29.

Table 31 : Country of Residence of Emigrants, 2004

Country	2004 (Number)	Percent	1999 (Number)	Percent
United Arab Emirates	670150	36.45	421758	30.96
Saudi Arabia	489988	26.65	510652	37.49
Oman	152865	8.31	132443	9.72
Kuwait	113967	6.19	68130	5.00
Bahrain	108507	5.90	74619	5.48
Qatar	98953	5.38	70001	5.14
United States of America	98271	5.34	29848	2.19
Other countries	105777	5.75	54504	4.00
Kerala	1838478	100.00	1361955	100.00

Source : Same as Table 29.

Table 32 : District wise Distribution of Emigrants (EMI) and EMI per 100 Households

Districts	Emigrants (Number)		EMI per 100 households		Percentage to total	
	2004	1999	2004	1999	2004	1999
Thiruvananthapuram	168046	130705	21.5	19.9	9.1	9.6
Kollam	148457	102977	24.4	18.4	8.1	7.6
Pathanamthitta	133720	97505	44.3	33.1	7.3	7.2
Alappuzha	75036	62870	15.2	13.2	4.1	4.6
Kottayam	106569	35494	24.0	9.1	5.8	2.6
Idukki	7880	7390	2.9	2.9	0.4	0.5
Emakulam	121237	103750	16.9	17.0	6.6	7.6
Thrissur	178867	161102	27.2	25.6	9.7	11.8
Palakkad	177876	116026	32.6	21.8	9.7	8.5
Malappuram	271787	296710	45.0	49.2	14.8	21.8
Kozhikode	167436	116026	28.6	22.0	9.1	8.5
Wayanad	7704	4552	4.4	2.9	0.4	0.3
Kannur	202414	88065	43.2	19.0	11.0	6.5
Kasaragode	71449	38747	30.6	19.1	3.9	2.8
KERALA	1838478	1361955	26.7	21.4	100.0	100.0

Source : Same as Table 29.

**Table 33 : District wise Distribution of Return Emigrants (REM)
and REM per 100 Households**

Districts	Return Emigrants		REM per 100 households		Percentage to Total	
	2004	1999	2004	1999	2004	1999
Thiruvananthapuram	103059	118878	13.2	18.1	11.5	16.1
Kollam	69314	74106	11.4	13.2	7.8	10.0
Pathanamthitta	83502	54537	27.7	18.5	9.3	7.4
Alappuzha	43109	34572	8.7	7.2	4.8	4.7
Kottayam	28368	18164	6.4	4.6	3.2	2.5
Idukki	3766	5017	1.4	2.0	0.4	0.7
Emakulam	74435	45028	10.4	7.4	8.3	6.1
Thrissur	86029	116788	13.1	18.6	9.6	15.8
Palakkad	55008	39238	10.1	7.4	6.2	5.3
Malappuram	141537	123750	23.5	20.5	15.8	16.7
Kozhikode	109101	60910	18.6	11.5	12.2	8.2
Wayanad	3852	3327	2.2	2.1	0.4	0.5
Kannur	45394	28263	9.7	6.1	5.1	3.8
Kasaragode	47468	16667	20.3	8.2	5.3	2.3
KERALA	893942	739245	13.0	11.6	100.0	100.0

Source : Same as Table 29.

Table 34 : Growth of Bank Deposits in Kerala

Year ending March	Total Deposits (in Rs. Crore)	Of which NRE Deposits (in Rs. Crore)	Growth of NRE Deposits (Percent)	Share of NRE Deposits to total (Percent)
1990	6659.56	1932.92	-	29.0
1991	7934.78	2316.60	19.8	29.2
1992	9786.75	3116.00	34.5	31.8
1993	12261.44	4599.39	47.6	37.5
1994	15138.34	6152.36	33.8	40.6
1995	17694.3	7043.71	14.5	39.8
1996	20418.96	8256.33	17.2	40.4
1997	23352.87	10178.09	23.3	43.6
1998	27572.06	12734.98	25.1	46.2
1999	31531.84	13328.53	4.7	42.3
2000	38618.84	18723.61	40.4	48.5
2001	44850.15	21430.83	14.4	47.8
2002	51655.78	24533.71	14.5	47.5
2003	59399.36	28695.57	16.9	48.3
2004	65961.11	30100.39	4.9	45.6
2005 Sep	73204.76	28820.57	-4.25	39.37

Source: SPB, 2006 Economic Review, 2005.

**Table 35 : Definition of Poverty line (Planning Commission)
(Rs. Per capita per month total expenditure)**

Year	Kerala		All India	
	Rural	Urban	Rural	Urban
1973 - 74	51.68	62.08	49.63	56.96
1977 - 78	58.88	71.82	56.84	72.50
1983	99.35	127.84	89.45	117.64
1987 - 88	130.61	175.11	115.43	165.58
1993 - 94	243.84	280.54	205.84	281.35
1999 - 2000	-	-	327.56	454.11

Sources: 1) Planning Commission (PC) 1993, Report of the Expert group on estimation of proportion and number of poor.

2) PC 2000, Levels of living in India, Working paper No-3/2000.

3) Government of India, 2002, Economic Survey 2001-02.

Table 36 : Number and Percentage of Poor based on Poverty Line

Year	Rural		Urban		Combined	
	Number of persons (lakh)	Percentage	Number of persons (lakh)	Percentage	Number of persons (lakh)	Percentage
I. All India						
1973 - 74	2612.91	56.44	603.12	49.23	3216.03	54.93
1977 - 78	2642.46	53.07	677.40	47.40	3319.86	51.81
1983	2517.15	45.61	752.93	42.15	3270.08	44.76
1987 - 88	2293.96	39.06	833.52	40.12	3127.48	39.34
1993 - 94	2440.31	37.27	763.37	32.36	3203.68	35.97
1999-2000	1932.43	27.09	670.07	23.62	2602.50	26.10
II. Kerala						
1973 - 74	111.36	59.19	23.97	62.24	135.33	59.71
1977 - 78	102.85	51.48	26.09	59.54	128.94	52.93
1983	84.32	39.03	25.61	48.65	109.93	40.91
1987 - 88	66.20	29.10	26.02	43.36	92.22	32.08
1993 - 94	55.95	25.76	20.46	24.55	76.41	25.43
1999-2000	20.97	9.38	20.07	20.27	41.04	12.72

Sources : Same as Table 35.

Table 37 : District wise Number of Families Below Poverty Line (as on 31-8-2003)

Sl. No.	District	Number of families	Number of BPL families	Percentage of BPL families
1.	Thiruvananthapuram	481223	188310	39.13
2.	Kollam	446630	175617	39.32
3.	Pathanamthitta	226435	74856	33.06
4.	Alappuzha	339857	156151	45.95
5.	Kottayam	326926	59182	18.10
6.	Idukki	225177	34435	15.29
7.	Emakulam	374728	99521	26.56
8.	Thrissur	473916	158961	33.54
9.	Palakkad	392461	204605	52.13
10.	Malappuram	438016	180375	41.18
11.	Kozhikode	378224	131781	34.84
12.	Wayanad	129927	64794	49.87
13.	Kannur	314171	122067	38.85
14.	Kasaragod	163981	72901	44.46
	State Total	4711672	1723556	36.58

Source: SPB, 2004, Economic Review 2003.

Table 38 : Total Plan Expenditure

Sl. No.	Plan	Total amount (Rs. in lakh)	Annual Average amount (Rs in lakh)
1.	I st plan (1951 - 56)	2590	518
2.	II nd plan (1956 - 61)	8022	1604
3.	3 rd plan (1961 - 66)	18231	3646
4.	Annual plan (1966 to 1968-69)	15037	5012
5.	4 th plan (1969 - 74)	34575	6915
6.	5 th plan (1974 - 78)	49861	12465
7.	Annual plan (1978 - 79 to 1979 - 80)	43984	21992
8.	6 th plan (1980 - 85)	180160	36032
9.	7 th plan (1985 - 90)	254688	50937
10.	Annual plans (1990 - 91 to 1991 - 92)	142509.96	71255
11.	8 th plan (1992 - 97)	656392	147478

Source : DES, 1999, Statistics since Independence

Table 39 : Five Year Plan Expenditure (Rs. in lakhs)

Sl. No.	Sector	1 st plan (1955-56)	2 nd plan (1956-61)	3 rd plan (1961-66)	Annual plan (1966 to 1968-69)	4 th plan (1969-74)	5 th plan (1974-78)	Annual plan (1978-79 to 1979-80)	6 th plan (1980-85)	7 th plan (1985-90)	Annual plan (1990-91 to 1991-92)	8 th plan (1992-97)
1.	Agriculture & allied services	249	567	2227	2729	3167	4402	3959	19418	31254	19028	95826
2.	Rural Development	-	543	891	508	1319	2619	1577	12887	12233	10337	46736
3.	Special area programme	-	-	-	-	-	259	601	2428	2713	-	-
4.	Irrigation & flood control	511	1308	2116	1902	5175	10224	9790	33781	39354	21281	12000
5.	Energy	1060	2192	6084	4193	11427	11057	7060	32180	41912	28513	187707
6.	Industry & minerals	50	604	1437	1334	2602	5478	6707	16647	27260	15099	86936
7.	Transport & communication	336	710	1174	1648	3020	3711	3165	11304	26525	14893	62232
8.	Science, Technology & Environment	-	-	-	-	-	592	609	1658	2721	914	430.8
9.	General economic service	-	74	124	52	85	197	226	1150	2740	1286	2236
10.	Social services	384	2024	4178	2671	7780	10661	9772	46250	63693	29656	149308
11.	General services	-	-	-	-	-	661	518	2457	4283	1499	9103
12.	Others	-	-	-	-	-	-	-	-	-	-	81000
	Total	2590	8022	18231	15037	34575	49861	43984	180160	254688	142506	737392

Source : DES, 1999, Statistics since Independence.

Table 40 : Five Year Plan Expenditure (Percentage)

Sl. No.	Sector	1 st plan (1951-56)	2 nd plan (1956-61)	3 rd plan (1961-66)	Annual plan (1966 to 1968-69)	4 th plan (1969-74)	5 th plan (1974-78)	Annual plan (1978-79 to 1979-80)	6 th plan (1980-85)	7 th plan (1985-90)	Annual plan (1990-91 to 1991-92)	8 th plan (1992-97)
1.	Agriculture & allied services	9.61	7.06	12.21	18.14	9.15	8.82	9.00	10.77	12.27	13.35	13.00
2.	Rural Development	-	6.76	4.89	3.37	3.81	5.25	3.58	7.15	4.80	7.25	6.33
3.	Special area programme	-	-	-	-	-	0.51	1.36	1.34	1.06	-	-
4.	Irrigation & flood control	19.72	16.30	11.60	12.64	14.96	20.50	22.25	18.75	15.45	14.93	1.62
5.	Energy	40.92	27.32	33.37	27.88	33.04	22.17	16.05	17.86	16.45	20.00	25.45
6.	Industry & minerals	1.93	7.52	7.88	8.87	7.52	10.98	15.24	9.24	10.70	10.59	11.78
7.	Transport & communication	12.97	8.85	6.43	10.95	8.73	7.44	7.19	6.27	10.41	10.45	8.43
8.	Science, Technology & Environment	-	-	-	-	-	1.18	1.38	0.92	1.06	0.64	0.58
9.	General economic service	-	0.92	0.68	0.34	0.24	0.39	0.51	0.63	1.07	0.90	0.30
10.	Social services	14.82	25.23	22.92	17.76	22.50	21.38	22.21	25.67	25.00	20.80	20.24
11.	General services	-	-	-	-	-	1.32	1.17	1.36	1.68	1.05	1.23
12.	Others	-	-	-	-	-	-	-	-	-	-	10.93
	Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source : Same as Table 39.

Table 41 : Finance of the Government of Kerala

Year	Revenue deficit (Rs. crore)	Gross fiscal deficit (Rs. crore)	Debt of the state (Rs. crore)	Growth rate (percent)		
				Revenue deficit	Gross fiscal deficit	Debt of the state
1990 - 91	422.04	798.57	4716.79	-	-	-
1991 - 92	364.35	803.45	5466.56	-13.70	0.61	15.90
1992 - 93	337.44	732.02	6297.13	-7.38	8.90	15.19
1993 - 94	371.60	935.45	7198.67	10.12	27.79	14.32
1994 - 95	399.88	1108.65	8820.87	7.61	18.51	22.53
1995 - 96	402.82	1302.66	10113.54	0.73	17.49	14.65
1996 - 97	643.03	1542.48	11420.91	59.63	18.41	12.92
1997 - 98	1122.90	2413.85	12868.14	74.62	56.49	12.67
1998 - 99	2029.96	3012.20	15700.27	80.77	24.78	22.00
1999-2000	3624.21	4534.56	20176.10	78.53	50.53	28.50
2000 - 01	3147.06	3877.80	23918.97	-13.16	-14.48	18.55
2001 - 02	2605.64	3269.40	26950.57	-17.20	-5.68	12.67
2002 - 03	4118.66	4990.04	31060.26	58.06	52.62	15.24
2003 - 04	3680.30	5539.05	37452.21	-10.64	11.00	20.57
2004 - 05	3668.92	4451.90	41877.80	-0.32	-19.62	11.81

Sources: SPB, 2003, Economic Review 2002

SPB, 2006, Economic Review 2005.

**Table 42 : Expenditure on Interest, Pension and Salaries
(Rs. crore)**

Year	Interest	Pension	Salaries	Growth rate (percent)		
				Interest	Pension	Salaries
1990 - 91	340.64	293.14	1682.65	-	-	-
1991 - 92	483.42	338.96	1383.59	41.92	15.63	-17.77
1992 - 93	542.51	371.87	1419.46	12.22	9.71	2.59
1993 - 94	687.16	464.72	1836.13	26.66	24.97	29.35
1994 - 95	819.67	565.45	2194.95	19.28	21.68	19.50
1995 - 96	924.16	716.85	2230.40	12.75	26.78	1.65
1996 - 97	1103.41	753.67	2616.66	19.40	5.14	17.32
1997 - 98	1286.09	913.02	2803.26	16.56	21.14	7.13
1998 - 99	1446.26	1154.32	3254.68	12.45	26.43	16.10
1999-2000	1952.27	1808.29	4502.86	34.99	56.65	38.35
2000 - 01	2257.60	1929.48	4491.61	15.64	6.70	-0.25
2001 - 02	2489.47	1837.93	4200.82	10.23	-4.72	-6.47
2002 - 03	2946.76	2282.90	4679.00	18.36	24.21	11.38
2003 - 04	3328.20	2408.00	5067.00	12.94	5.47	8.29
2004 - 05	3612.54	2600.77	5336.00	8.53	8.01	5.30

Source: Same as Table 41.

Table 43 : Share of Total Expenditure on Interests, Pension and Salaries (Rs. crore)

Year	Expenditure on Interests, pension salary	Total Revenue receipts	Total Expenditure (Revenue + capital)	Interest, pension and salary as percentage of total Revenue receipts	Interest, pension and salary as percentage of total expenditure
1995 - 96	3871.4	5423.56	6389.8	71.38	60.58
1996 - 97	4473.7	6145.08	7410.6	72.80	60.36
1997 - 98	5002.4	7118.22	8979.1	70.27	55.71
1998 - 99	5855.3	7198.12	9879.7	81.34	59.26
1999 - 00	8263.4	7941.75	12214.1	104.05	67.65
2000 - 01	8678.7	8730.86	12455.1	99.40	69.67
2001 - 02	8528.2	9056.49	12220.4	94.16	69.78
2002 - 03	9908.7	10637.40	15454.7	93.14	64.11
2003 - 04	10803.2	11815.40	16135.4	91.43	66.95
2004 - 05	11549.3	13500.48	17851.2	85.54	64.69

Source : Same as Table 42.

Table 44 : Credit Deposit Ratio of Banks in Kerala

Year	Total Deposits (Rs. Crores)	Total Advances (Rs. Crores)	C.D. Ratio
1970	169.81	124.30	73.20
1973	284.13	200.19	70.46
1975	472.63	332.60	70.37
1976	515.97	358.78	69.53
1988	4811.32	3116.05	64.76
1990	6659.56	4187.13	62.87
1991	7934.78	4715.34	59.43
1992	9786.75	5093.39	52.04
1993	12261.44	5860.51	47.80
1994	15138.34	6484.86	42.84
1995	17694.34	7842.56	44.32
1996	20418.96	9006.66	44.11
1997	23352.87	10565.1	45.24
1998	27572.06	12364.24	44.84
1999	31531.84	13576.67	43.06
2000	38618.84	15940.86	41.28
2001	44850.15	19180.27	42.77
2002	51655.78	22061.94	42.71
2003	59399.36	27006.53	45.47
2004	65961.11	31867.31	48.31
2005 (Sept.)	73204.76	49007.01	66.95

Source: SPB, 2006, Economic Review 2005
 BES, 1977, Statistics for Planning 1977
 DES, 1999, Statistics since Independence

Table 45 : Percentage Departure of Rainfall from Normal

Year	Normal rainfall (in mm)	State average (in mm)	Percentage Departure
1957	3018.9	3057.6	1.28
1960	3018.9	3380.3	11.97
1965	3018.9	2374.9	-21.33
1970	3018.9	2591.8	-14.14
1975	3018.9	3527.7	16.85
1976	3035.7	1634.2	-46.17
1978	3035.7	2322.7	-23.49
1981	2960.8	3006.7	1.55
1984	2960.8	2620.3	-11.50

Source: BES, 1977, Statistics for Planning 1977.

DES, 1980, Statistics for Planning 1980

DES, 1986, Statistics for Planning 1986.

Table 46 : Percentage Departure of Rainfall from Normal

Year	Annual	South west Monsoon	North east Monsoon
1990	-28	-25	-4
1991	-39	18	-21
1992	-37	15	35
1993	-8	-12	32
1994	11	15	13
1995	-6	-6	-22
1996	-13	-8	2
1997	3	6	31
1998	0	2	30
1999	-8	-25	23
2000	-21	-18	-27
2001	-6	-13	0
2002	-14	-33	32
2003	-14	-24	54
2004	-3	-19	12
2005	0	-2	2

Source : SPB, 2006, Economic Review 2005.

Table 47 : Number of Operational Holdings and Area - 1970-71

Size (Hectare)	Number of Holdings	Percentage share in total	Area (Hectare)	Percentage share in total	Average size (Hectare)
0.04 - 0.25	1081130	46.90	126833	7.96	0.12
0.25 - 0.50	431185	18.70	154148	9.68	0.36
0.50 - 1.00	368066	15.97	257684	16.17	0.70
Marginal (total)	1880381	81.57	538665	33.87	0.29
1.00 - 2.00	267833	11.62	365199	22.92	1.36
Small					
2.00 - 3.00	87452	3.79	206691	12.98	2.36
3.00 - 4.00	38329	1.66	132051	8.29	3.44
Semimedium (total)	125781	5.45	338742	21.27	2.70
4.00 - 5.00	12112	0.52	53536	3.36	4.42
5.00 - 10.00	14768	0.64	95970	6.02	6.50
Medium (total)	26880	1.16	149506	9.38	5.56
10.00 - 20.00	2963	0.12	38454	2.41	12.98
20 and above	1303	0.05	162222	10.18	124.50
Large (total)	4266	0.18	200676	12.59	47.04
Grand Total	2305141	100.00	1592788	100.00	0.69

Source : DES, 1999, Statistics since Independence.

Table 48 : Number of Operational Holdings and Area - 1995-96

Size (Hectare)	Number of Holdings	Percentage share in total	Area (Hectare)	Percentage share in total	Average size (Hectare)
Below 0.02	751951	11.94	10150	0.59	0.01
0.02 - 0.5	4683476	74.37	569248	33.19	0.12
0.5 - 1.0	483648	7.68	336425	19.61	0.69
Marginal (Total)	5919075	93.99	915823	53.39	0.15
1.0 - 2.0	261418	4.15	346100	20.17	1.32
Small					
2.0 - 3.0	73426	1.16	170381	9.93	2.32
3.0 - 4.0	20672	0.33	68429	3.99	3.31
Semi-medium (total)	94098	1.49	238810	13.92	2.54
4.0 - 5.0	10675	0.17	46180	2.69	4.32
5.0 - 7.5	6749	0.11	39840	2.32	5.90
7.5 - 10.0	2131	0.03	17779	1.03	8.34
Medium (total)	19555	0.31	103799	6.05	5.31
10.0 - 20.0	2187	0.03	27358	1.59	12.51
20.0 above	954	0.01	83414	4.86	87.44
Large (total)	3141	0.04	110772	6.45	35.27
Grand Total	6297287	100.00	1715304	100.00	0.27

Source : DES, 2001, Statistics for Planning 2001.

Table 48 (a) : Number of Operational Holdings and Area - 2000-01

Size (Hectare)	Number of Holdings	Percentage share in total	Area (Hectare)	Percentage share in total
Marginal (below 1 hectare)	6335428	95.17	882516	56.23
Small (1-2 hectare)	226810	3.41	299774	19.10
Semi-medium (2-4 hectare)	75651	1.14	190536	12.14
Medium (4-10 hectare)	16008	0.24	84760	5.40
Large (Above 10 hectare)	2735	0.04	111901	7.13
Total	6656632	100.00	1569487	100.00

Source: DES, 2005, Statistics for Planning 2005.

**Table 49 : Land use Pattern in Kerala
(Area in thousand hectares)**

Classification of land	1960 - 61	1970 - 71	1980 - 81	1990 - 91	2001 - 02	2004 -05
1. Total Geographical area	3858 (100.00)	3885 (100.00)	3885 (100.00)	3885 (100.00)	3885 (100.00)	3885 (100.00)
2. Forests	1056 (27.4)	1055 (27.42)	1082 (27.85)	1082 (27.85)	1082 (27.85)	1081 (27.82)
3. Land put to non-agricultural use	205 (5.3)	275 (7.15)	270 (6.90)	297 (7.65)	392 (10.10)	409 (10.53)
4. Barren and uncultivated land	151 (3.9)	72 (1.87)	86 (2.21)	58 (1.49)	30 (0.77)	29 (0.75)
5. Permanent Pastures	45 (1.2)	28 (0.72)	5 (0.13)	2 (0.05)	0.2 (0.01)	0.3 (0.00)
6. Land under miscellaneous crops	204 (5.3)	132 (3.43)	64 (1.65)	34 (0.89)	14 (0.35)	11 (0.28)
7. Cultivated waste	144 (3.7)	80 (2.08)	129 (3.32)	95 (2.43)	64 (1.64)	64 (1.65)
8. Fallow other than current fallow	62 (1.6)	23 (0.60)	27 (0.69)	25 (0.68)	34 (0.88)	36 (0.93)
9. Current fallow	67 (1.7)	24 (0.62)	44 (1.13)	44 (1.14)	79 (2.04)	82 (2.11)
10. Net area sown	1924 (49.9)	2169 (56.10)	2180 (56.11)	2247 (57.83)	2191 (56.38)	2173 (55.93)
11. Area sown more than once	425 (11.0)	761 (19.78)	705 (18.15)	796 (19.90)	802 (20.63)	770 (19.82)
12. Total cropped area	2349 (60.9)	2933 (76.26)	2885 (74.26)	3043 (77.72)	2992 (77.01)	2942 (75.73)

* Figures in brackets are percentage

Source: BES, 1977, Statistics for Planning 1977.

DES, 1980, Statistics for Planning 1980

SPB, Various issues of Economic Review.

**Table 50 : Area under Major Crops in Kerala
(Area in thousand hectares)**

Crops	1960 - 61	1970 - 71	1980 - 81	1990 - 91	2001 - 02	2004 -05
Coconut	500.76 (21.32)	719.14 (24.52)	651.37 (22.58)	870.02 (28.59)	905.72 (30.27)	897.76 (30.51)
Rice	778.91 (33.16)	874.93 (20.34)	801.70 (27.79)	559.45 (18.38)	322.37 (10.77)	289.97 (9.86)
Rubber	122.87 (5.23)	179.26 (6.11)	237.77 (8.24)	384.00 (12.62)	475.04 (15.88)	480.54 (16.33)
Tapioca	242.20 (10.31)	293.55 (10.01)	244.99 (8.49)	146.49 (4.81)	111.19 (3.72)	104.38 (3.56)
Pepper	56.97 (4.25)	99.70 (4.01)	108.07 (3.75)	168.51 (5.54)	203.96 (6.82)	208.94 (7.10)
Cashewnut	54.32 (2.31)	102.71 (3.50)	141.28 (4.90)	115.62 (3.80)	89.72 (3.00)	86.10 (2.93)
Coffee	16.80 (0.72)	31.56 (1.08)	57.95 (2.01)	75.06 (2.47)	84.80 (2.83)	84.64 (2.90)
Banana and other plantains	44.42 (1.89)	48.76 (1.66)	49.26 (1.71)	65.64 (2.16)	106.05 (3.54)	110.87 (3.77)
Arecanut	-	-	61.24 (2.12)	64.82 (2.13)	93.19 (3.11)	97.56 (3.32)
Cardamom	28.61 (1.22)	47.49 (1.62)	54.00 (1.87)	66.89 (2.20)	41.34 (1.38)	41.06 (1.39)
Tea	37.63 (1.60)	37.59 (1.28)	36.16 (1.25)	34.71 (1.14)	36.90 (1.23)	36.94 (1.25)
Others	465.51 (19.82)	498.31 (17.0)	441.21 (15.29)	491.79 (16.16)	521.80 (17.44)	503.24 (17.10)
Total Cropped area	2349.00 (100.00)	2933.00 (100.00)	2885.00 (100.00)	3043.00 (100.00)	2992.00 (100.00)	2942.00 (100.00)

Note: Figures in brackets are percentage

Source: Same as Table 49.

Table 51 : Production and Productivity of Major Food Crops

Year	Production (in thousand tonnes)			Productivity (Kg. per hectare)		
	Rice	Tapioca	Banana and other plantains	Rice	Tapioca	Banana and other plantains
1960 - 61	1067.53	1683.00	327.85	1371	6949	7381
1970 - 71	1298.01	4617.19	368.93	1484	15729	7567
1980 - 81	1271.96	4060.91	317.41	1587	16576	6444
1990 - 91	1086.58	2803.00	491.94	1943	19134	7495
2001 - 02	703.50	2455.88	769.09	2182	22087	7252
2004 - 05	667.10	2436.77	839.96	2301	23343	7524

Source: Same as Table 49.

Table 52 : Production and Productivity of Plantation Crops

Year	Production (in thousand tonnes)				Productivity (Kg. per hectare)			
	Rubber	Tea	Coffee	Cardamom	Rubber	Tea	Coffee	Cardamom
1960 - 61	23.04	40.37	7.41	1.28	187	1073	442	45
1970 - 71	73.73	41.45	12.57	1.25	439	1103	398	26
1980 - 81	140.33	50.72	23.54	3.23	590	1402	406	60
1990 - 91	307.52	60.64	35.70	3.45	800	1827	475	52
2001 - 02	580.35	66.09	66.69	8.38	1222	1791	786	203
2004 - 05	690.71	57.55*	54.30	8.93	1437	1502*	642	217

Source : Same as Table 49

* Relates to 2003-04

Table 53 : Production and Productivity of Major Garden Crops

Year	Production (in thousand tonnes)			Productivity (Kg. per hectare)		
	Coconut (million nuts)	Cashew nut	Pepper	Coconut (nuts per hectare)	Cashew nut	Pepper
1960 - 61	3220.00	84.63	27.03	6430	1558	271
1970 - 71	3981.00	115.24	25.03	5536	1122	213
1980 - 81	3008	81.90	28.52	4618	580	264
1990 - 91	4232	102.77	46.80	4864	888	278
2001 - 02	5479	65.87	58.24	6049	734	286
2004 - 05	5727	63.70	68.36	6379	740	327

Source: Same as Table 49.

Table 54 : Net Area Irrigated in Kerala (in hectares)

Source	1957 - 58	1970 - 71	1980 - 81	1990 - 91	999 - 2000	2003-04
1. Government Canal	81840	200553	99397	104265	81231	94859
2. Private Canal	-	-	-	-	-	-
3. Government Tanks	5738	10160	5299	3691	4803	5754
4. Private Tanks	-	-	-	-	-	-
5. Government wells	-	-	5048	2514	1832	-
6. Private wells	42282*	73113*	50922	46438	51100	47856
7. Major and lift irrigation	-	-	-	745	1347	-
8. Other sources	2032*	5460*	-	64933	120258	109360
Total	130940	141968	43606	88380	110667	123469
	-	-	-	-	-	-
	262832	431254	237974	333369	380043	381298

* includes Government wells and tanks.

Sources : BES, 1977, Statistics for Planning 1977.

DES, 2001, Statistics for Planning 2001.

DES, 2006, Economic Review 2005.

Table 55 : Growth of Livestock Population in Kerala (in lakhs)

Category	1966	1977	1982	1996	2003
Cattle	28.56	30.06	30.96	33.96	21.22
Buffaloes	4.71	4.54	4.08	1.65	0.65
Goats	11.89	16.83	20.03	18.60	12.13
Sheep	0.11	0.02	0.07	0.06	-
Pigs	1.11	1.72	1.27	1.42	0.76
Others	0.007	0.003	0.004	0.06	-
Total live stock	46.41	53.19	56.44	55.76	34.76
Fowls	95.87	130.56	145.19	-	131.89
Ducks	3.18	4.29	5.30	-	6.61
Others	0.02	0.03	0.34	-	-
Total poultry	99.08	134.88	150.83	269.46	138.50

Source : DES, 1986, Statistics for Planning 1986

DES, 2001, Statistics for Planning 2001

SPB, 2005, Economic Review 2004.

Table 56 : Production of Livestock Products

Year	Milk (lakh MT)	Egg in million	Meat (in thousand MT)
1991	17.85	1710	120.65
2001	27.18	2002	172.80
2004*	20.25	1197	195.27

* Provisional

Source : SPB, 2006, Economic Review 2005

Table 57 : Fish Landing in Kerala

Year	Marine		Inland	
	Quantity (MT)	Value (Rs. in lakhs)	Quantity (MT)	Value (Rs. in lakhs)
1957 - 58	306281	301.84	332	1.49
	-	-	-	-
1960 - 61	399900	497.65	390	2.35
	(30.57)	(64.87)	(17.47)	(57.72)
1970 - 71	379865	2835.68	12845	117.86
	(-5.01)	(469.81)	(3193.59)	(4915.32)
1980 - 81	268083	8221.68	25526	1092.91
	(-29.43)	(189.94)	(98.72)	(827.29)
1990 - 91	677554	45375.34	36342	5828.68
	(152.74)	(451.89)	(42.37)	(433.32)
1998 - 99	560328	135740	65855	24711
	(-17.30)	(199.15)	(81.21)	(323.95)
1999 - 2000	593720	166066	74130	30755
	(5.96)	(22.34)	(12.56)	(24.46)
2004 - 05	601863	-	76451	-
	(1.37)	-	(3.13)	-

Note: Figurs in brackets are growth rate in percentage.

Source : BES 1977, Statistics for Planning 1977
 DES, 2001, Statistics for Planning 2001.
 SPB, 2006, Economic Review 2005.

Table 58 : Exports of Marine Products from Kerala

Year	Quantity (metric tonnes)	Kerala's share (as percent of total India)	Value (Rs. crores)	Kerala's share (as percent of total India)
1965 - 66	9557	-	6.01	-
1970 - 71	23896	-	27.57	-
1975 - 76	31644	58.10	67.81	54.45
1980 - 81	29148	38.56	95.31	40.60
1990 - 91	50997	36.58	313.79	34.12
1994 - 95	74613	24.28	817.09	22.85
1999 - 2000	91759	27.00	1142.39	22.00
2004 - 05	873 78	19.00	1158.00	17.00

Source : Same as Table 57.

Table 59 : Yearly Average Farm Price of Important Agricultural Commodities in Kerala (Rs.)

Item	1956-57	1960-61	1970-71	1980-81	1990-91	2000-01	2004-05
1. Paddy (Qtl.)	35.55	41.20	90.25	152.06	299.61	646.36	651.00
2. Coconut with husk (per100)	15.36	21.46	56.68	138.09	301.23	281.43	635.00
3. Arecanut (per 100)	1.98	2.69	3.74	7.60	26.40	41.88	40.00
4. Tapioca (Qtl)	9.35	7.85	20.59	37.67	150.69	397.24	404.00
5. Banana (per 100)	5.77	6.83	16.69	38.65	75.41	1042.51	1112.00
6. Pepper(Qtl)	189.68	403.32	616.90	1208.23	3234.25	12401.24	6032.00
7. Ginger(Qtl)	124.01	121.11	553.97	563.74	2528.02	4809.33	-
8. Cashewnut (Qtl)	58.73	77.65	139.80	731.91	1379.90	2368.81	3533.00

Source : Same as Table 57.

Table 60 : Yearly Average Farm Price of Important Agricultural Commodities in Kerala (Growth rate in percent)

Item	1956-57 to 1960-61	1970-71	1980-81	1990-91	2000-01	2004-05
Paddy (Qtl)	15.89	119.05	68.49	97.03	115.73	0.72
Coconut (100)	39.71	164.12	143.63	118.14	-6.57	125.63
Arecanut (100)	35.86	39.03	103.21	247.37	58.64	-4.49
Tapioca (Qtl)	-16.04	162.29	82.95	300.03	163.61	1.70
Banana (100)	18.37	144.36	131.58	95.11	1282.46	6.66
Pepper (Qtl)	112.63	52.96	95.86	167.68	283.43	-51.36
Ginger (Qtl)	-2.34	357.41	1.76	384.44	90.24	-
Cashewnut (Qtl)	32.22	80.04	423.54	88.53	71.67	49.15

Table 61 : Installed Power Capacity and Power Generation in Kerala

Year	Generation of electricity (M.U)	Installed capacity (M.W)
1956 - 57	363.54	102.35
1960 - 61	-	132.50 (29.46)
1965 - 66	-	196.26 (48.12)
1970 - 71	2126.00	546.50 (178.46)
1975 - 76	2783.00 (30.90)	754.60 (38.07)
1980 - 81	5242.00 (88.36)	1011.5 (34.04)
1985 - 86	5358.00 (2.21)	1271.5 (25.70)
1990 - 91	5491.00 (2.48)	1476.5 (16.12)
1995 - 96	6663.00 (21.34)	1505.5 (1.96)
1999 - 2000	8901.00 (33.59)	2391.18 (58.83)
2005	6377.06 (-28.35)	2617.22 (9.45)

Sources : BES, 1977, Statistics for Planning 1977.

DES, 2001, Statistics for Planning 2001

SPB, 2006, Economic Review, 2005.

DES, 1986, Statistics for Planning 1986.

DES, 1999, Statistics since Independence.

Note : Figures in brackets are growth rate in percentage

Table 62 : Number of Consumers of Electricity

Class of consumers	1957 - 58	1975 - 76	Growth rate (Percent)
1. Domestic light and fans including small power	98093	640114	552.56
2. Commercial light and fans	-	189619	-
3. Commercial heat and small power	2816	12132	330.82
4. Industrial power at low and medium voltage	3439	25139	630.99
5. Industrial power at high and extra high voltage	63	340	439.68
6. Street lighting	535	1395	160.74
7. Irrigation and Agricultural Dewatering	1176	47527	3941.41
8. Public water works and sewage pumping	24	404	1583.33
9. Distribution by licensees	8	5	- 37.5
10. Total	106154	916675	763.53

Source: BES, 1977, Statistics for Planning 1977.

Table 63 : Consumption of Electricity (in Million K.W.H)

Class of consumers	1957 - 58	1975 - 76	Growth rate (Percent)
1. Domestic Heat and small power	2.51	200.85	7901.99
2. Domestic light and fans	20.95	89.63	327.83
3. Commercial heat and small power and commercial light and fans	1.04	14.85	1327.88
4. Industrial power at low and medium voltage	27.25	178.29	554.27
5. Industrial power at high voltage	248.60	1282.76	415.99
6. Public lighting	3.35	34.25	922.39
7. Agricultural and irrigation dewatering	12.17	120.32	888.66
8. Public water works and sewage pumping	7.39	17.58	137.89
9. Bulk supplies to licensees	40.03	76.75	91.73
10. Total	363.29	2015.26	454.72

Source: BES, 1977, Statistics for Planning 1977.

Table 64 : Category wise Power Consumption and Number of Consumers (1999 - 2000)

Category	Number of consumers (31-3-2000)	Energy sold (M.U)	Energy sold as % to Total
Domestic light, heat and small power	4510865	4526	46.13
Commercial light, fans, heat and power	954956	819	8.35
Industrial (low and medium voltage)	105524	622	6.34
Industrial (High and Extra high voltage)	1683	2825	28.76
Irrigation	367919	375	3.82
Public lighting	1398	178	1.81
Water work and sewage	1837	257	2.62
Bulk supply to licensees	7	173	1.76
Miscellaneous	85553	20	0.26
Railway traction	2	18	0.18
Total	6029744	9813	100.00

Source: DES, 2001, Statistics for Planning 2001.

Table 64 (a) : Category wise Power Consumption and Number of Consumers (2003-04)

	Category	Number of consumers (31-3-2000)	Energy sold (M.U)	Energy sold as % to Total
1.	Domestic			
	a) Paying group	5705904	3995.52	44.84
	b) Non Paying group	46212	8.36	0.09
2.	Commercial			
	LT+ HT + Non ind	1037815	1312.75	14.73
3.	Public lightening	2325	165.68	1.86
4.	Irrigation & Dewatering			
	LT	399044	211.03	2.37
5.	Industrial			
	a) LT	107754	750.51	8.42
	b) HT & EHT	1011	2232.5	25.05
6.	Railway Traction	4	46.12	0.52
7.	Bulk supply to licensee	9	188.37	2.11
	Total	7300078	8910.84	100.00

Source: DES, 2005, Statistics for Planning 2005.

Table 65 : Growth of Working Factories and Average daily Employment

Year	Number of working factories			Employment (Number)		
	Private	Public	Total	Private	Public	Total
1988	11733	295	12028	214723	65965	280688
	-	-	-	-	-	-
1991	12800	455	13255	243211	125527	368738
	(9.09)	(54.24)	(10.20)	(13.27)	(90.29)	(31.37)
1996	15906	528	16434	293923	111144	405067
	(24.26)	(16.04)	(23.98)	(20.85)	(-11.46)	(9.85)
2001	18001	553	18554	329230	107180	436410
	(13.17)	(4.73)	(12.90)	(12.01)	(-3.57)	(7.74)
2004	17742	529	18271	310884	94367	405251
(Provisional)	(-1.44)	(-4.34)	(-1.52)	(-5.57)	(-11.95)	(-7.14)

Note: Figures in brackets are growth rate in percentage

Sources : DES, Statistics for Planning 2001

SPB, 2006, Economic Review 2005.

Table 66 : Index of Industrial Production (Base 1980-81 = 100)

Sl.No	Particulars	1975 - 76	1980 - 81	1990 - 91	2003 - 04
	General Index	121.07	181.10	190.45	262.59
1.	Manufacture of food products	104.09	166.10	128.67	140.83
2.	Cotton Textiles	106.29	116.99	167.64	99.04
3.	Wool, silk and synthetic fiber textiles	92.90	164.73	117.53	32.93
4.	Textiles products	38.36	58.75	88.86	20.25
5.	Wood & wood products	113.00	130.02	116.70	25.12
6.	Rubber, plastic, petroleum products	143.36	174.42	151.50	368.89
7.	Paper and paper products	93.18	97.81	1275.82	0.00
8.	Chemical and chemical products	131.77	231.47	165.41	-
9.	Nonmetallic mineral products	191.06	297.10	84.50	163.14
10.	Basic metal and Alloy industries	112.05	172.40	191.28	55.83
11.	Metal products and parts	63.69	364.55	272.52	353.85
12.	Machinery and equipment	132.25	177.68	346.36	1086.97
13.	Transport equipment and parts	41.85	130.26	43.54	2.05
14.	Other manufacturing industries	94.66	148.77	12.31	23.93
15.	Electricity generation Transmission and Distribution	145.44	269.66	117.81	164.33

Sources : DES, 2001, Statistics for Planning 2001.

SPB, 2006, Economic Review 2005.

DES, 1986, Statistics for Planning 1986.

Table 67 : Productive Capital, Value of Output and Value added of Manufacturing Industries

Sl. No.	Name of Industry	Productive Capital (Rs. in lakhs)		Value of Output (Rs. in lakhs)		Value added (Rs. in lakhs)	
		1962	1966-97	1962	1966-97	1962	1966-97
1.	Manufacture of fertilizers	973.72	18190.64	449.39	84676.34	62.35	10543.82
2.	Cotton textiles	362.52	48578.00	805.34	72699.00	236.96	13441.00
3.	Tyres and Tubes	-	9058.53	-	40271.08	-	11148.12
4.	Tea Manufacturing	305.79	11858.20	1022.20	39816.97	153.41	9409.86
5.	Heavy chemicals	405.91	84615.43	260.51	866221.54	-	24251.08
6.	Cashewnut processing	164.08	13229.33	1501.67	87418.37	380.73	13797.50
7.	Tiles Manufacturing	194.57	6369.04	294.96	10362.62	167.64	4497.22
8.	Soaps and Glycerine	185.98	2134.19	501.52	12988.57	116.10	2747.10
9.	Coir Manufacturing	166.93	8348.24	712.24	18216.20	118.50	4122.03
10.	Plywood Manufacturing	99.12	2242.60	147.43	7311.67	49.65	838.83
11.	Iron and steel metal	-	526.13	-	2722.05	-	423.79
12.	Printing & Binding	78.35	4294.84	152.67	14004.16	55.46	5566.19
13.	Other Industries	2732.97	482866.83	3167.28	411884.43	1072.47	196191.46
	Total	5670.44	692312.00	9015.21	1668593.00	2413.27	296978.00

Sources: BES, 1977, Statistics for Planning 1977

DES, 1986, Statistics for Planning 1986

DES, 2001, Statistics for Planning 2001

**Table 68 : Productive Capital of Manufacturing Industries
(Growth rate percent)**

Sl. No.	Name of Industry	Productive capital			
		1962 to 1971	1971 to 1981	1981 to 1991	1991 to 1996-97
1.	Manufacture of fertilisers	171.94	420.14	138.30	-44.58
2.	Cotton textiles	189.40	531.84	173.84	167.61
3.	Tyres and Tubes	-	478.13	521.56	-63.10
4.	Tea Manufacturing	59.59	212.55	163.92	194.56
5.	Heavy chemicals	291.31	183.19	1489.91	18.30
6.	Cashewnut processing	227.61	254.37	34.98	414.50
7.	Tiles Manufacturing	37.56	292.64	229.92	83.69
8.	Soaps and glycerine	118.51	267.32	99.34	-28.28
9.	Coir Manufacturing	18.38	196.46	193.54	385.44
10.	Plywood Manufacturing	254.62	219.34	56.74	27.46
11.	Iron and steel metal	-	167.49	447.40	-84.78
12.	Printing and Binding	1035.93	81.96	75.16	50.44
13.	Other industries	486.91	453.39	210.74	75.06
	Total	347.75	402.41	232.09	63.43

Source: Same as Table 67.

**Table 69 : Value of output of Manufacturing Industries
(Growth rate percent)**

Sl. No.	Name of Industry	Value of output			
		1962 to 1971	1971 to 1981	1981 to 1991	1991 to 1996-97
1.	Manufacture of fertilisers	249.28	917.89	147.22	114.37
2.	Cotton textiles	156.24	461.66	117.48	188.40
3.	Tyres and Tubes	-	-	95.28	409.45
4.	Tea Manufacturing	87.29	289.78	228.63	62.36
5.	Heavy chemicals	351.07	462.15	439.35	2331.23
6.	Cashewnut processing	202.09	78.10	356.92	136.79
7.	Tiles Manufacturing	49.13	429.86	87.71	136.84
8.	Soaps and glycerine	266.33	220.37	75.44	25.78
9.	Coir Manufacturing	11.42	305.66	34.37	321.11
10.	Plywood Manufacturing	160.42	365.62	100.92	103.55
11.	Iron and steel metal	-	-	367.45	-69.58
12.	Printing and Binding	975.01	89.06	-61.78	1077.54
13.	Other industries	393.18	777.99	201.75	-0.47
	Total	254.68	554.12	194.64	170.75

Source: Same as Table 67.

**Table 70 : Value added by Manufacturing Industries
(Growth rate percent)**

Sl. No.	Name of Industry	Value added			
		1962 to 1971	1971 to 1981	1981 to 1991	1991 to 1996-97
1.	Manufacture of fertilisers	630.92	635.72	60.86	95.48
2.	Cotton textiles	44.56	835.59	140.57	74.32
3.	Tyres and Tubes	-	-	380.37	436.28
4.	Tea Manufacturing	178.01	118.71	483.10	72.99
5.	Heavy chemicals	-	-	459.38	104.43
6.	Cashewnut processing	289.53	1.64	323.96	115.88
7.	Tiles Manufacturing	38.48	413.47	74.28	116.46
8.	Soaps and glycerine	298.58	78.40	158.62	28.67
9.	Coir Manufacturing	18.92	170.85	139.75	350.42
10.	Plywood Manufacturing	148.62	308.32	-11.80	88.70
11.	Iron and steel metal	-	-	93.50	-44.61
12.	Printing and Binding	752.67	73.19	-45.50	1146.99
13.	Other industries	417.62	320.32	224.89	158.79
	Total	301.59	302.44	211.44	144.48

Source : Same as Table 67.

**Table 71 : Number of Enterprises and Employment in Kerala-
1995**

Category	Number of Enterprises			Number of Employment		
	Rural	Urban	Total	Rural	Urban	Total
Non-Agricultural Enterprises						
1. All enterprises	1003840 (100.00)	302938 (100.00)	1306778 (100.00)	2422714 (100.00)	1055183 (100.00)	3477897 (100.00)
2. Own account enterprises	646882 (64.44)	136856 (45.18)	783738 (59.97)	795373 (32.83)	168345 (15.95)	963718 (27.71)
3. Establishments	356958 (35.56)	166082 (54.82)	523040 (40.02)	1627341 (67.17)	886838 (84.04)	2514179 (72.29)

Note: Figures in brackets are percentage.

Source: DES, 2001, Statistics for Planning 2001.

Table 72 : Length of roads in Kerala (in kilometres)

Type of roads	PWD		Others		Total	
	1957 - 58	1967 - 68	1957 - 58	1967 - 68	1957 - 58	1967 - 68
Cement	104	108	-	36	104	144
Bituminous	2557	6503	-	986	2557	7489
Water bound						
macadam	4490	4839	-	537	4490	5376
Lower type	4035	2903	-	2126	4035	5029
Total	11186	14353	-	3685	11186	18038

Source : BES, Statistics for Planning 1977

Table 73 : Length of roads in Kerala (in kilometres)

Year	National Highways 1	State Highways 2(a)	Other PWD roads (b)	Village roads (c)	Panchayat roads 3	Total
1970 - 71	448	2143	12143	NA	NA	14734
1980 - 81	839	2011	12783	2327	73188	91148
1985 - 86	839	2020	14776	2663	81539	101837
1990 - 91	1011	1890	15906	2487	99022	120316
1995 - 96	1011	2361	16869	3633	106920	130794
March 2004	1523	3784	17026	655	112551 *	135539

N.A. Not Available

* including roads of Municipalities, Corporations and Panchayats.

Source: BES, 1977, Statistics for Planning 1977.

DES, 2001, Statistics of Planning 2001

SPB, 2005. Economic Review 2004.

Table 74 : Number of Motor Vehicles in Kerala

Year	Good vehicles	Buses	Taxi cars	Motor cars	Authorikshaws	Tractors	Jeeps	Motor cycles	Others	Total
1957 - 58	3697	2298	717	*8096	-	-	NSA	968	398	16174
1960 - 61	5128	3511	1485	*11611	-	-	NSA	2064	681	24480
1965 - 66	8848	4370	4118	20396	-	-	NSA	5231	1427	44390
1970 - 71	13162	6563	8848	33294	1062	2046	4828	15117	1314	86234
1975 - 76	15882	8268	11582	40667	3734	3594	6420	26110	1819	118076
1980 - 81	24682	9159	18890	56802	9640	1853	7834	59531	6206	194597
1985 - 86	45325	16449	30201	82222	30537	3268	14721	130992	7902	361617
1990 - 91	66190	21454	37530	125769	67317	4305	26133	288498	10426	647742
1995 - 96	111762	38177	57482	171801	127913	5296	44639	591923	21248	1170241
1999 - 2000	163443	58888	71581	257796	227895	7782	67497	1020797	34558	1910237
2005	234191	95486	100012	428327	320788	9459	72227	1818760	42832	3122082

Note : NSA - Not Separately Available

* Private Cars and Jeeps

Source : DES, 2001, Statistics for Planning 2001

BES, 1977, Statistics for Planning 1977

SPB, 2006, Economic Review, 2005.

Table 75 : Number of Motor Vehicles in Kerala (Growth rate in percentage)

Year	Good vehicles	Buses	Taxi cars	Motor cars	Authorikshaws	Tractors	Jeeps	Motor cycles	Others	Total
1957 - 58	-	-	-	-	-	-	-	-	-	-
1960 - 61	38.71	52.79	107.11	43.42	-	-	-	113.22	71.11	51.35
1965 - 66	72.54	24.47	177.31	75.66	-	-	-	153.44	109.54	81.33
1970 - 71	48.76	50.18	114.86	63.24	-	-	-	188.99	-7.92	94.26
1975 - 76	20.67	25.98	30.90	22.15	251.60	75.66	32.97	72.72	38.43	36.93
1980 - 81	55.41	10.78	63.10	39.68	158.17	-48.44	22.02	128.00	241.18	64.81
1985 - 86	83.64	79.59	59.88	44.75	216.77	76.36	87.91	120.04	27.33	85.83
1990 - 91	46.03	30.43	24.27	52.96	120.44	31.73	77.52	120.24	31.94	79.12
1995 - 96	68.85	77.95	53.16	36.60	90.02	23.02	70.81	105.17	103.80	80.66
1999 - 2000	46.24	54.25	24.53	50.06	78.16	46.94	51.21	72.45	62.64	63.23
2005	43.29	62.15	39.72	66.15	40.76	21.55	7.00	78.17	23.94	63.44

Source : Same as Table 74.

**Table 76 : Length of Railways in Kerala
(Length in KM)**

Type of gauge	Length of Railway line as on	
	1956 - 57	31-12-1997
1	2	3
Broad gauge	550	936
Meter gauge	195	117
Mixed gauge	4	-
State Total	749	1053

Source : DES, 1999, Statistics since Independence

**Table 77 : Performance of Railway Division,
Thiruvananthapuram**

1.	Route Length (in Km)	625
2.	Daily Number of Express Trains (in pairs)	57
3.	Daily Number of Passanger Trains (in pairs)	58
4.	Passsangers carried Daiy (in lakh)	1.65
5.	Average Earnings from Passangers etc. (Rs. crore)	274.39
6.	Goods (Tonnes)	126.93

Source: SPB, Economic Review 2004

Table 78 : Post Offices in Kerala

Year	Head Offices	Sub Offices and extra Departmental Suboffices	Branch Offices	Total
1958 - 59	9	572	2049	2630
	-	-	-	-
1965 - 66	20	31	2640	3491
	(122.22)	(-94.58)	(28.84)	(32.73)
1970 - 71	25	1058	2776	3859
	(25.00)	(3312.90)	(5.15)	(10.54)
1975 - 76	31	1223	2776	4030
	(24.00)	(15.59)	(0.00)	(4.43)
1980 - 81	50	2089	2441	4580
	(61.29)	(70.80)	(-12.06)	(13.65)
1985 - 86	50	2027	2671	4748
	(0.00)	(-2.96)	(9.42)	(3.67)
1990 - 91	50	1973	2882	4905
	(0.00)	(-2.66)	(7.89)	(3.31)
1995 - 96	51	1980	3010	5041
	(2.00)	(0.35)	(4.44)	(2.77)
2000 - 01	51	1989	3031	5071
	(0.00)	(0.45)	(0.69)	(0.59)
2005	51	1972	3059	5082
	(0.00)	(0.85)	(0.92)	(0.22)

Note: Figures in brackets are growth rate in percentage

Source: DES, 2001, Statistics for Planning 2001.

BES, 1977, Statistics for Planning 1977.

SPB, 2006, Economic Review 2005.

Table 79 : Telephone Exchanges and Telephone Connections in Kerala

Year	Number of Telephone Exchanges	Number of working Telephone connections	Public call offices
1957 - 58	N.A	N.A	N.A
1965 - 66	170	25253	N.A
	-	-	
1970 - 71	234 (37.65)	37989 (50.43)	N.A
1975 - 76	297 (26.92)	65043 (71.22)	N.A
1980 - 81	463 (55.89)	93302 (43.45)	2298
1985 - 86	584 (26.13)	151761 (62.66)	2858 (24.37)
1990 - 91	649 (11.13)	260261 (71.49)	3794 (32.75)
1995 - 96	765 (17.89)	681234 (161.75)	14721 (288.01)
1999-2000	924 (20.78)	1705139 (150.30)	27388 (86.05)
2004 - 05	1218 (31.82)	3540661 (107.64)	N.A -

Note: Figures in brackets are growth rate in percentage

Source : BES, 1977, Statistics for Planning 1977

DES, 2001, Statistics for Planning 2001

SPB, 2006, Economic Review 2005.

Table 80 : Tourists Arrivals in Kerala

Year	Number of foreign Tourists	Earnings (Rs. in crore)
1980	21604	N.A
	-	
1985	42347 (96.01)	N.A
1990	66139 (56.18)	26.99
1995	142972 (116.17)	158.76 (488.22)
2000	209893 (46.80)	525.30 (230.88)
2004	345546 (64.63)	1266.77 (141.15)

Note : Figures in brackets are growth rate in percentage.

NA : Not Available

Source : DES, 2001, Statistics for Planning 2001

DES, 1999, Statistics since Independence

SPB, 2006, Economic Review 2005.

Table 81 : Number of Schools in Kerala

Year	Lower Primary Schools	Upper Primary Schools	High Schools	Total
1960 - 61	6705	1932	895	9532
1965 - 66	6954 (3.71)	2447 (26.66)	1151 (28.60)	10552 (10.70)
1970 - 71	6895 (-0.85)	2543 (3.92)	1384 (20.24)	10822 (2.53)
1975 - 76	6975 (1.16)	2606 (2.48)	1521 (9.89)	11102 (2.59)
1980 - 81	6861 (1.63)	2753 (5.64)	1976 (29.91)	11590 (4.39)
1985 - 86	6845 (-0.23)	2870 (4.25)	2429 (22.92)	12144 (4.78)
1990 - 91	6767 (-1.14)	2915 (1.57)	2430 (0.04)	12112 (-0.26)
1995 - 96	6728 (-0.58)	2964 (1.68)	2581 (6.21)	12273 (1.33)
1999 - 2000	6748 (0.29)	2966 (0.06)	2596 (0.58)	12310 (0.30)
2004 - 05	6827 (1.17)	3042 (2.56)	278 (7.13)	12650 (2.76)

Note : Figures in brackets are percentage growth rate

Sources : BES, 1977, Statistics for Planning 1977

DES, 2001, Statistics for Planning 2001

SPB, 2006, Economic Review 2005.

Table 82 : Number of Schools in Kerala

Year	Lower Primary Schools			Upper Primay Schools			High Schools		
	Government	Private	Total	Government	Private	Total	Government	Private	Total
1960 - 61	2719	3987	6705	530	1402	1932	244	651	895
1970 - 71	-	-	-	-	-	-	-	-	-
	2804	4091	6895	809	1734	2543	442	942	1384
	(3.13)	(2.61)	(2.83)	(52.64)	(23.68)	(31.62)	(81.15)	(44.70)	(54.64)
1980 - 81	2712	4149	6861	867	1886	2753	789	1187	1976
	(-3.28)	(1.42)	(-0.49)	(7.17)	(8.76)	(8.26)	(78.51)	(26.00)	(42.77)
1990 - 91	2565	4202	6767	960	1955	2915	941	1489	2430
	(-5.42)	(1.28)	(-1.37)	(10.73)	(3.66)	(5.88)	(19.26)	(25.44)	(22.97)
1999-2000	2552	4196	6748	959	2007	2966	979	1617	2596
	(-0.51)	(-0.14)	(-0.28)	(-0.10)	(2.66)	(1.75)	(4.04)	(8.60)	(6.83)
2004 - 05	2548	4279	6827	954	2088	3042	995	1786	2781
	(-0.16)	(1.98)	(1.17)	(-0.52)	(4.03)	(2.56)	(1.63)	(10.45)	(7.13)

Note: Figures in brackets are growth rate in percentage

Sources : BES 1977, Statistics for Planning 1977

DES 2001, Statistics for Planning 1977

SPB 2006, Economic Review 2005.

Table 83 : Number of School Teachers in Kerala

Year	L.P. Schools	U.P. Schools	High Schools	Total
1971	50319	43033	48953	142305
	-	-	-	-
1981	51975	49971	72357	174303
	(3.29)	(16.12)	(47.81)	(22.48)
1991	49600	50476	89888	189964
	(-4.57)	(1.01)	(24.23)	(8.98)
2001	42895	47710	90645	181250
	(-13.52)	(-5.48)	(0.84)	(-4.59)
2004 - 05	61490	53492	59776	174758
	(43.35)	(12.12)	(-34.05)	(-3.58)

Note : Figures in brackets are growth rate in percentage

Sources : SPB 2001, Economic Review 2000

SPB 2003, Economic Review 2002

SPB 2006, Economic Review 2005.

Table 84 : Growth in the Number of Students in Schools in Kerala

Year	Students (in lakhs)			
	L.P. Schools	U.P. Schools	High Schools	Total
1960 - 61	20.57	8.82	3.31	32.70
	-	-	-	-
1970 - 71	28.08	12.67	7.25	48
	(36.51)	(43.65)	(119.03)	(46.79)
1980 - 81	25.94	16.94	13.14	56.03
	(-7.62)	(33.70)	(81.24)	(16.73)
1990 - 91	24.72	19.30	14.99	59.01
	(-4.70)	(13.93)	(14.08)	(5.32)
1999 - 2000	12.26	13.69	26.39	52.34
	(-50.40)	(-29.07)	(76.05)	(-11.30)
2004-05	18.47	14.70	15.25	48.42
	(50.65)	(7.38)	(-42.21)	(7.50)

Note : Figures in brackets are percentage growth rate

Source : DES, 2001, Statistics for Planning 2001

SPB, 2006, Economic Review 2005.

Table 85 : Standard wise Strength of Students in Schools in Kerala

Standard	1957-58	1960-61	1970-71	1980-81	1990-91	1999-2000	2003-04
I	601223 (21.67)	613389 (18.78)	800470 (16.54)	631479 (11.27)	601030 (10.18)	443027 (8.44)	441325 (9.02)
II	482437 (17.38)	518133 (15.90)	715429 (14.80)	662039 (11.81)	615381 (10.43)	482715 (9.19)	469200 (9.58)
III	415686 (14.98)	478601 (14.65)	668931 (13.82)	645954 (11.53)	619302 (10.49)	489810 (9.33)	459904 (9.39)
IV	352372 (12.70)	422107 (12.93)	623723 (12.90)	655331 (11.70)	636690 (10.80)	516774 (9.84)	457336 (9.34)
V	292327 (10.53)	358659 (11.00)	552163 (11.41)	603129 (10.76)	660062 (11.18)	551847 (10.51)	477109 (9.75)
VI	192218 (6.93)	279356 (8.55)	414988 (8.57)	552573 (9.86)	640029 (10.84)	559740 (10.66)	492861 (10.07)
VII	159581 (5.75)	262592 (8.04)	338712 (7.00)	538684 (9.61)	629715 (10.67)	593415 (11.30)	532572 (10.90)
VIII	130281 (4.70)	153315 (4.69)	308697 (6.37)	495738 (8.85)	578890 (9.80)	592438 (11.28)	545836 (11.15)
IX	84542 (3.05)	104380 (3.19)	259480 (5.36)	468461 (8.36)	525154 (8.90)	564756 (10.76)	546673 (11.17)
X	64209 (2.31)	74295 (2.27)	156547 (3.23)	349656 (6.24)	394848 (6.70)	454525 (8.66)	471189 (9.63)
Total	2774876 (100.00)	3264827 (100.00)	4839140 (100.00)	5603044 (100.00)	5901101 (100.00)	5249047 (100.00)	4894005 (100.00)

Note : Figures in brackets are percentage

Source : BES, 1977, Statistics for Planning 1977

DES, 2001, Statistics for Planning 2001

SPB, 2005, Economic Review 2004

Table 86 : SSLC Results in Various Decades in Kerala

Year	Month	Number of students appeared	Number of students passed	Percentage of pass
1981	March	264783	91178	34.4
	September	51702	12386	24
1991	March	529052	269911	51.02
	September	4485	1314	29.30
2001	-	455812	255854	56.22
2005	-	472780	276529	58.49

Source : DES, 2001, Statistics for Planning 2001
 SPB, 2006, Economic Review 2005.

Table 87 : Number of Higher Secondary Schools

Category	2000	2005
Government	417	702
Aided	506	523
Unaided	8	431
Total	931	1656

Source : SPB 2006, Economic Review 2005.

Table 88 : Number of Arts & Science Colleges by Type of Management - Kerala

Year	Government	Private		Total
		Aided	Unaided	
1957 - 58	-	N.S.A	-	41
1960 - 61	-	N.S.A	-	46
1965 - 66	-	N.S.A	-	100
1970 - 71	12	105	-	117
1975 - 76	20	108	-	128
1980 - 81	30	104	-	134
1985 - 86	40	132	-	172
1990 - 91	40	132	-	172
1995 - 96	36	133	-	169
1999 - 2000	38	148	-	186
2005	39	150	167	356

Note : N.S.A - Not Separately Available

Sources : BES, 1977, Statistics for Planning 1977
 DES, 2001, Statistics for Planning 2001
 SPB, 2006, Economic Review 2005.

Table 89 : Number of Teachers in Arts & Science Colleges

Year	Government	Private	Total
1957 - 58	N.S.A	-	1569
1960 - 61	N.S.A	-	2170
1965 - 66	N.S.A	-	4553
1970 - 71	850	5441	6291
1975 - 76	1253	6660	7913
1978 - 79	1405	6985	8390
1990 - 91	2376	11481	13857
1995 - 96	2284	10906	13190
1999 - 2000	1981	9668	11649
2004 - 05	--	--	10468

Sources : BES, 1977, Statistics for Planning 1977

DES, 1980, Statistics for Planning 1980

DES, 2001, Statistics for Planning 2001

SPB, 2006, Economic Review 2005

Table 90 : Strength of Students in Arts & Science Colleges

Year	Pre-degree	Degree	Post Graduation
1957 - 58	11303	15649	27323
	-	-	-
1960 - 61	16210	20335	37561
	(43.41)	(29.94)	(37.47)
1970 - 71	60460	49323	113681
	(272.98)	(142.55)	(202.66)
1975 - 76	101546	58794	164982
	(67.95)	(19.20)	(45.13)
1990 - 91	210643	129735	10452
	(107.44)	(120.66)	(-93.66)
1999 - 2000	130651	144885	14585
	(-37.97)	(11.68)	(39.54)
2005	--	158744	18226
		(9.56)	(24.96)

Note : Figures in brackets are growth rate in percentage

Source : BES, 1977, Statistics for Planning 1977

DES 2001, Statistics for Planning 2001

SPB, 2006, Economic Review 2005

Table 91 : Number of Colleges for Professional Education

Colleges	1957 - 58	1960 - 61	1970 - 71	1978 - 79
Engineering	1	4	6	6
Medicine	2	2	4	4
Agriculture	1	1	1	1
Veterinary	1	1	1	1
Law	2	2	4	4
Teachers Training	12	18	19	19
Ayurveda	1	1	2	5
Horticultural	-	-	-	1

Source : BES, 1977, Statistics for Planning 1977.

DES, 1980, Statistics for Planning 1980.

Table 92 : Number of Scholars in Colleges for Professional Education

Colleges	1957 - 58	1960 - 61	1970 - 71	1977 - 78
Law	368	437	1325	2021
Training	1362	2009	1772	2283
Engineering	388	1553	1877	4201
Medical	812*	1696*	2347	3663
Ayurveda	-	-	281	680
Agricultural	200	215	-	418
Veterinary	215	395	235	244
Horticultural	-	-	-	189

* Including Ayurveda

Source : BES, 1977, Statistics for Planning 1977.

DES, 1980, Statistics for Planning 1980

Table 93 : Number of Professional Educational Institutions

Category	Courses	2000		2005	
		Number of Institutions	Number of seats (per year)	Number of Institutions	Number of seats (per year)
Engineering Colleges	-	30	8543	84	23196
Polytechnics	-	47	9630	59	10875
Allopathy	M.B.B.S.	6	800	13	1500
Dental	B.D.S.	2	80	9	470
Ayurveda	B.A.M.S	5	170	13	650
Homoeopathy	B.H.M.S	4	200	5	250
Nursing Colleges	B.Sc.	3	150	45	2280
Pharmacy Colleges	B.Pharm.	1	28	20	1120

Source : S.P.B. 2006, Economic Review 2005

Table 94 : Number of Medical Institutions (Allopathy)

	1957 - 58	1960 - 61	1970 - 71	1980 - 81	1990 - 91	1999 - 2000	2004 - 05
Hospitals	68	67	112	145	140	143	132
	-	(-1.47)	(67.16)	(29.46)	(-3.45)	(2.14)	(-7.69)
P.H. Centres & MCH Centres	68	82	163	173	908	944	931
	-	(20.59)	(98.78)	(6.13)	(424.85)	(3.96)	(-1.38)
Dispensaries	182*	197*	261*	625	51	53	59
	-	(8.24)	(32.48)	(139.46)	(-91.84)	(3.92)	(11.32)
TB Clinics	N.S.A	-	-	20	22	21	18
					(10.00)	(-4.54)	(-14.28)
Grand in aid	51	41	15	12	36	36	29
Institutions	-	(-19.60)	(-63.41)	(-20.00)	(200.00)	(0.00)	(-19.44)
Leprosy Centres	-	-	-	6	15	15	18
					(150.00)	(0.00)	(20.00)
Community Health Centres	-	-	-	-	54	105	115
	-	-	-	-		(94.44)	(9.52)
Others	-	10	2	-	-	-	-
	-	-	(-80.00)				
Total	369	397	553	981	1226	1317	1302
	-	(7.59)	(39.29)	(77.39)	(24.97)	(7.42)	(-1.14)

Note: Figures in brackets are growth rate in percentage.

* including TB centres and clinics

Source : BES, 1977, Statistics for Planning, 1977.

DES, 2001 Statistics for Planning 2001.

SPB, 2006, Economic Review 2005.

Table 95 : Number of Beds in Medical Institutions

	1957 - 58	1960 - 61	1970 - 71	1980 - 81	1990 - 91	1999 - 2000	2004 - 05
Hospitals	N.S.A	10574	17640 (66.82)	25295 (43.39)	27559 (8.95)	31819 (15.46)	22645 (-28.83)
P.H. Centres & MCH Centres	N.S.A	760	1358 (78.68)	2004 (47.57)	4714 (135.23)	5009 (6.25)	7716 (54.04)
Dispensaries	N.S.A	1060	1122 (5.66)	1490 (32.99)	159 (-89.33)	164 (3.14)	190 (15.85)
TB Centres & Clinics	N.S.A	-	302 -	318 (5.29)	466 (46.54)	268 (-42.48)	216 (-19.40)
Grand in aid Institutions	N.S.A	978	1233 (26.07)	2099 (70.23)	2669 (27.15)	-	4641 (73.88)
Leprosy Centres	N.S.A	-	-	NA	-	-	-
Community Health Centres	N.S.A	-	-	-	3159	4202 (33.01)	4840 (15.18)
Others	-	606	122 (-79.86)	-	-	-	-
Total	11959	13978 (16.88)	21777 (55.79)	31206 (43.29)	38726 (24.09)	41462 (7.06)	40248 (-2.93)

Note: Figures in brackets are growth rate in percentage.

Source : Same as Table 94.

Table 96 : Number of Doctors in Medical Institutions

Year	Allopathic	Ayurvedic	Homoeopathic	Total
1957 - 58	N.A.	N.A.	N.A	-
1960 - 61	N.A.	N.A.	N.A	-
1970 - 71	1404	556	N.A.	1960
1980 - 81	2775 (97.65)	640 (15.10)	N.A -	3415 (74.23)
1990 - 91	2905 (4.68)	783 (27.33)	370 -	4058 (18.83)
1999 - 2000	3168 (9.05)	997 (27.33)	547 (47.83)	4712 (16.11)
2004	N.A	1054 (5.72)	607 (10.97)	1661 (64.75)

Note : Figures in brackets are growth rate in percentage

Source : Same as Table 94.

Table 97 : Number of Patients Treated (Allopathic)

Year	Inpatients (in lakhs)	Outpatients (in lakhs)
1957	3.85	84.13
	-	-
1960	5.15 (33.77)	117.79 (40.01)
1970	9.90 (92.23)	205.74 (74.67)
1980 - 81	10.96 (10.71)	233.57 (13.53)
1990 - 91	42.27 (285.68)	259.43 (11.07)
1998 - 99	10.58 (-74.97)	257.73 (-0.66)
2004	17.42 (64.65)	431.16 (67.29)

Notes : Figures in brackets are growth rate in percentage

Source : Same as Table 94.

Table 98 : Progress of Family Welfare Programme in Kerala

Year	Vasectomy	PPS	IUD	Conventional contraceptives Nirodh distributed	Oral pills	
					OP distributed	OP users
1957 - 58	521	158	-	-	-	-
1965 - 66	3079	1953				
1970 - 71	46621	21396	30584	1717957	-	-
1980 - 81	15854	92658	18394	1519567	N.A	N.A
1990 - 91	3003	125041	140798	22060019	528464	N.A
1999-2000	653	125338	83143	10294419	390594	-
2004 - 05	1583	120987	-	10382170	354023	N.A

Source : Same as Table 94.

Table 99 : Number of Medical Institutions and Beds (Ayurvedic)

Year	Ayurveda Hospitals	Ayurveda Dispensaries	Total	Number of Beds
1957 - 58	23	110	133	N.A
1960 - 61	37 (60.87)	172 (56.36)	209 (57.14)	N.A
1970 - 71	41 (10.81)	250 (45.35)	291 (39.23)	N.A
1980 - 81	85 (107.31)	419 (67.60)	504 (73.19)	1464 -
1990 - 91	106 (24.70)	527 (25.77)	633 (25.59)	2221 (51.70)
1999 - 2000	113 (6.60)	679 (28.84)	792 (25.11)	2604 (17.24)
2005	115 (1.77)	747 (10.01)	862 (8.84)	2744 (5.38)

Note : Figures in brackets are growth rate in percentage

Source : Same as Table 94.

Table 100 : Housing Situation of Kerala

Sl. No.	Item	(Nos. in Lakhs)	
		1991	2001
1	2	3	4
1	Total Houses	80.72	93.56
2	Residence and Residence cum other used houses	54.59	65.32
3	Households	58.90	65.95
4	Household size average (Nos.)	5.3	4.9
5	(i) Pucca houses	30.56	36.30
	(ii) Semi pucca/livable	10.44	23.30
	(iii) Kutcha houses/Dilapidated	13.59	5.33
6	Households and drinking water		
	(i) Drinking water with in premises	36.12	47.20
	(ii) Drinking water near premises	N.A	10.85
	(iii) A way from premises	17.78	7.90
7	Households source of lighting		
	(i) Electricity	26.10	46.33
	(ii) Kerosene	N.A	19.19
	(iii) Others	N.A	0.43

Source : SPB, 2004, Economic Review 2003

