

**GOVERNMENT OF KERALA**



**DIRECTORATE OF HEALTH SERVICES**



**HEALTH AT A GLANCE  
2013**

*Prepared by*  
**HEALTH INFORMATION CELL  
DIRECTORATE OF HEALTH SERVICES  
THIRUVANANTHAPURAM**

# PREFACE

The Constitution charges every state with “raising of the level of nutrition and the standard of living of its people and the improvement of the public health as one among its primary duties”. Various factors like malnutrition, immunization, diseases, poor sanitation, poor source of drinking water etc. are the factors affecting the general health of the people. Aggregate influence of these factors can be perceived through their effect on Adult longevity, child mortality, general health of pregnant women, new born infants etc. Malnutrition impedes the social and cognitive development of a child, reducing his educational attainment and income as an adult. The barriers to immunization coverage are adverse geographic location, absent or inadequately trained health workers and low perceived need for immunization, infrastructure like hospitals, roads, water and sanitation are lacking in rural areas. Shortage of healthcare providers, poor intra-partum and newborn care, diarrheal diseases and acute respiratory infections also contribute to the high infant mortality rate.

The National Rural Health Mission (NRHM) was launched in April 2005 by the Government of India. The goal of the NRHM is to provide effective healthcare to rural people with a focus on 18 states which have poor public health indicators and or weak infrastructure.

The present compilation titled “Health at a Glance 2013” provides basic statistics about the above parameters pertaining to Kerala and India. The data base will be a guiding factor based on which the health care policies of the state have to be evolved and its efficacy monitored. This can be a good source of reference to the research scholars in the field of Health and Town Planning. I congratulate the staff of Health Information Cell for their painstaking efforts in compiling these data from various primary as well as secondary sources.

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Director of Health Services

Thiruvananthapuram,

Dated:17.12.2013

**DIRECTORATE OF HEALTH SERVICES**  
**HEALTH AT A GLANCE 2013**

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## General Information

<b>Geographical Area (Km<sup>2</sup>)</b>		<b>38863</b>
<b>Rural Area (Km<sup>2</sup>)</b>		<b>35611.14</b>
<b>Urban Area (Km<sup>2</sup>)</b>		<b>3251.86</b>
<b>Districts</b>		<b>14</b>
<b>Taluks</b>		<b>63</b>
<b>Panchayaths</b>		<b>978</b>
<b>Number of Panchayath wards</b>		<b>16680</b>
<b>Blocks</b>		<b>152</b>
<b>Revenue Villages</b>		<b>1453</b>
<b>Towns</b>		<b>197</b>
<b>Number of City Corporations</b>		<b>5</b>
<b>No. of Corp. Wards</b>		<b>359</b>
<b>Municipalities</b>		<b>60</b>
<b>No. of Municipal Wards</b>		<b>2216</b>
<b>Population (2011 Census Provisional)</b>	<b>Total</b>	<b>33406061</b>
	<b>Male</b>	<b>16027412</b>
	<b>Female</b>	<b>17378649</b>
<b>Sex Ratio</b>		<b>1084</b>
<b>Urban</b>		<b>17471135</b>
<b>Rural</b>		<b>15934926</b>
<b>Percentage of Population below Poverty line</b>	<b>Total</b>	<b>12.72</b>
	<b>Rural</b>	<b>9.38</b>
	<b>Urban</b>	<b>20.27</b>
<b>Scheduled Caste Population (2011 Census)</b>	<b>Total</b>	<b>3039573</b>
	<b>Male</b>	<b>1477808</b>
	<b>Female</b>	<b>1561765</b>
<b>Scheduled Tribe Population (2011 Census)</b>	<b>Total</b>	<b>484839</b>
	<b>Male</b>	<b>238203</b>
	<b>Female</b>	<b>246636</b>
<b>0 to 6 Populations (2011 Census)</b>	<b>Total</b>	<b>3472955</b>
	<b>Male</b>	<b>1768244</b>
	<b>Female</b>	<b>1704711</b>
	<b>Sex Ratio (Child)</b>	<b>959</b>
<b>Density of Population (2011 Census)</b>		<b>860 persons/Km<sup>2</sup></b>
<b>Literacy Rate (2011 Census)</b>		<b>93.91%</b>
	<b>Male</b>	<b>96.02%</b>
	<b>Female</b>	<b>91.98%</b>

## Chapter 1

## Demographic Profile

Table1.1

### Districtwise Population, Density and Sex Ratio

District	1991			2001			2011		
	Population	Sex Ratio	Density	Population	Sex Ratio	Density	Population	Sex Ratio	Density
Thiruvananthapuram	2946650	1036	1344	3234356	1060	1476	3301427	1087	1508
Kollam	2407566	1035	967	2585208	1069	1038	2635375	1113	1061
Pathanamthitta	1188332	1062	451	1234016	1094	468	1197412	1132	452
Alappuzha	2001217	1051	1415	2109160	1079	1492	2127789	1100	1504
Kottayam	1828271	1003	828	1953646	1025	885	1974551	1039	895
Idukki	1078066	975	242	1129221	993	259	1108974	1006	255
Ernakulam	2817236	1000	926	3105798	1019	1012	3282388	1027	1072
Thrissur	2737311	1085	903	2974232	1092	981	3121200	1108	1031
Palakkad	2382235	1061	532	2617482	1066	584	2809934	1067	627
Malappuram	3096330	1053	872	3625471	1066	1021	4112920	1098	1157
Kozhikode	2619941	1027	1118	2879131	1057	1228	3086293	1098	1316
Wayanad	672128	966	315	780619	995	366	817420	1035	384
Kannur	2251727	1049	759	2408956	1090	812	2523003	1136	852
Kasragod	1071508	1026	538	1204078	1047	604	1307375	1080	657
<b>Kerala</b>	<b>29098518</b>	<b>1036</b>	<b>749</b>	<b>31841374</b>	<b>1058</b>	<b>820</b>	<b>33406061</b>	<b>1084</b>	<b>860</b>

**Table 1.2**  
**HOUSEHOLD & POPULATION IN KERALA**

Name	No of Households	Population			Population in the age group 0-6 Person		
		Total	Male	Female	Total	Male	Female
<b>KERALA</b>	<b>7853754</b>	<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>3472955</b>	<b>1768244</b>	<b>1704711</b>
Kasaragod	273410	1307375	628613	678762	155807	79460	76347
Kannur	554298	2523003	1181446	1341557	274318	139159	135159
Wayanad	190894	817420	401684	415736	92324	46994	45330
Kozhikode	697710	3086293	1470942	1615351	335645	170429	165216
Malappuram	793999	4112920	1960328	2152592	574041	292132	281909
Palakkad	637220	2809934	1359478	1450456	302297	153696	148601
Thrissur	759210	3121200	1480763	1640437	303950	155862	148088
Ernakulam	814011	3282388	1619557	1662831	304242	155182	149060
Idukki	279812	1108974	552808	556166	105641	53785	51856
Kottayam	487296	1974551	968289	1006262	174486	88823	85663
Alappuzha	535958	2127789	1013142	1114647	192046	98444	93602
Pathanamthitta	322684	1197412	561716	635696	96837	49002	47835
Kollam	669375	2635375	1246968	1388407	254260	128899	125361
Thiruvananthapuram	837877	3301427	1581678	1719749	307061	156377	150684



TABLE 1.3

**DISTRICT WISE POPULATION OF SC,ST & LITERATES**

Name	Scheduled Castes population			Scheduled Tribes population			Literates Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>KERALA</b>	<b>3039573</b>	<b>1477808</b>	<b>1561765</b>	<b>484839</b>	<b>238203</b>	<b>246636</b>	<b>28135824</b>	<b>13704903</b>	<b>14430921</b>
Kasaragod	53283	26385	26898	48857	23950	24907	1037492	516476	521016
Kannur	83350	40260	43090	41371	20141	21230	2138434	1012956	1125478
Wayanad	32578	16406	16172	151443	74476	76967	645585	328136	317449
Kozhikode	199191	97279	101912	15228	7429	7799	2615443	1266939	1348504
Malappuram	308266	151557	156709	22990	11272	11718	3311315	1597404	1713911
Palakkad	403833	197451	206382	48972	24314	24658	2239492	1122600	1116892
Thrissur	324350	156480	167870	9430	4362	5068	2678548	1282261	1396287
Ernakulam	268411	131573	136838	16559	8349	8210	2855676	1425723	1429953
Idukki	145486	72399	73087	55815	27995	27820	923010	471881	451129
Kottayam	153909	75503	78406	21972	10974	10998	1749798	861592	888206
Alappuzha	201211	97183	104028	6574	3175	3399	1852797	890552	962245
Pathanamthitta	164465	78942	85523	8108	3947	4161	1062553	499181	563372
Kollam	328263	157801	170462	10761	5195	5566	2240273	1074345	1165928
Thiruvananthapuram	372977	178589	194388	26759	12624	14135	2785408	1354857	1430551

**Table 1.4**  
**WORKING POPULATION**

Name	Total Working Population			Main Working Population			Main Cultivator Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	11619063	8451569	3167494	9329747	7179828	2149919	544932	465546	79386
Kasaragod	462998	325095	137903	372700	275680	97020	20569	16271	4298
Kannur	824116	609377	214739	694209	539695	154514	30415	25055	5360
Wayanad	340077	228639	111438	263445	191411	72034	46410	38861	7549
Kozhikode	948981	752333	196648	754187	637099	117088	19905	17388	2517
Malappuram	1062424	898157	164267	852047	748431	103616	45710	42693	3017
Palakkad	1042340	746121	296219	875540	653482	222058	59194	47813	11381
Thrissur	1095727	789511	306216	929506	706277	223229	34791	28697	6094
Ernakulam	1249343	913249	336094	1061388	812754	248634	41977	36158	5819
Idukki	516363	331710	184653	415947	287566	128381	85723	69676	16047
Kottayam	735735	530322	205413	604553	463713	140840	42620	38673	3947
Alappuzha	804471	536738	267733	596387	434391	161996	17805	15333	2472
Pathanamthitta	392794	281854	110940	293257	223642	69615	31590	28683	2907
Kollam	912025	644362	267663	695299	509909	185390	41467	37441	4026
Thiruvananthapuram	1231669	864101	367568	921282	695778	225504	26756	22804	3952

**Table 1.5**  
**AGRICULTURE POPULATION**

Name	Marginal Agriculture Labourers Population			Marginal Household Industries Population			Marginal Other Workers Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	403714	228903	174811	74741	32504	42237	1685540	928974	756566
Kasaragod	11052	6352	4700	6545	1134	5411	69538	39976	29562
Kannur	23760	10989	12771	2832	1186	1646	97181	54102	43079
Wayanad	32497	15760	16737	1657	687	970	36129	17310	18819
Kozhikode	26643	15925	10718	4084	2110	1974	157429	92798	64631
Malappuram	35564	26232	9332	4973	3392	1581	157983	111273	46710
Palakkad	54555	24829	29726	5060	2727	2333	98574	60087	38487
Thrissur	19403	9534	9869	6000	2356	3644	133823	67424	66399
Ernakulam	21972	11649	10323	5357	2262	3095	152180	81309	70871
Idukki	33307	14214	19093	1955	738	1217	49960	22059	27901
Kottayam	18269	10511	7758	5314	2128	3186	100228	48891	51337
Alappuzha	32215	16091	16124	10710	3476	7234	157727	77434	80293
Pathanamthitta	20239	14321	5918	3485	1762	1723	65989	34315	31674
Kollam	35553	27085	8468	7660	4364	3296	158287	90969	67318
Thiruvananthapuram	38685	25411	13274	9109	4182	4927	250512	131027	119485

<b>Table 1.6</b>							
<b>RURAL HOUSEHOLD &amp; POPULATION IN KERALA</b>							
<b>RURAL</b>	<b>No of Households</b>	<b>Population</b>			<b>Population in the age group 0-6 Person</b>		
		<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
<b>KERALA</b>	<b>4149641</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>1823664</b>	<b>927888</b>	<b>895776</b>
Kasaragod	169240	798328	387716	410612	91832	46719	45113
Kannur	202229	882017	425682	456335	95223	48428	46795
Wayanad	183375	785840	386283	399557	88727	45158	43569
Kozhikode	235703	1013721	484784	528937	114602	58254	56348
Malappuram	448037	2295709	1095308	1200401	320051	162918	157133
Palakkad	482285	2133124	1031466	1101658	231892	117763	114129
Thrissur	250877	1024794	488303	536491	100977	51631	49346
Ernakulam	259915	1048025	518510	529515	93614	47778	45836
Idukki	267208	1056929	527245	529684	100459	51160	49299
Kottayam	346899	1409158	692673	716485	125143	63745	61398
Alappuzha	248616	979643	464713	514930	89414	45728	43686
Pathanamthitta	287615	1065799	499820	565979	86181	43601	42580
Kollam	376679	1448217	680687	767530	137559	69705	67854
Thiruvananthapuram	390963	1529831	724864	804967	147990	75300	72690

**Table 1.7**  
**RURAL SC,ST POPULATION AND LITERATES**

RURAL	Scheduled Castes population			Scheduled Tribes population			Literates Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	1818281	883819	934462	433092	213208	219884	14549320	7132430	7416890
Kasaragod	34522	17207	17315	46094	22674	23420	628032	317690	310342
Kannur	23562	11505	12057	36302	17699	18603	736967	363030	373937
Wayanad	30378	15281	15097	148215	73011	75204	620070	315367	304703
Kozhikode	75490	37017	38473	9555	4700	4855	849378	414396	434982
Malappuram	192270	94367	97903	18247	8927	9320	1838508	888731	949777
Palakkad	322951	157892	165059	47023	23317	23706	1678895	843855	835040
Thrissur	121839	58615	63224	5859	2718	3141	865471	418620	446851
Ernakulam	102403	50258	52145	8324	4225	4099	908408	455970	452438
Idukki	143340	71354	71986	55243	27735	27508	878211	449642	428569
Kottayam	119360	58557	60803	19698	9850	9848	1246775	615451	631324
Alappuzha	111931	53941	57990	2961	1440	1521	852470	407413	445057
Pathanamthitta	151844	72784	79060	7663	3732	3931	945351	444022	501329
Kollam	208474	99761	108713	7886	3821	4065	1233362	587387	645975
Thiruvananthapuram	179917	85280	94637	20022	9359	10663	1267422	610856	656566

**Table 1.8**  
**RURAL WORKING POPULATION**

RURAL	Total Worker Population			Main Working Population			Main Cultivator Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	6341957	4507501	1834456	4930191	3743078	1187113	481651	410532	71119
Kasaragod	300809	208082	92727	236103	173781	62322	18112	14290	3822
Kannur	322381	233669	88712	262603	201976	60627	25677	21475	4202
Wayanad	328034	220111	107923	253300	183961	69339	46224	38684	7540
Kozhikode	316246	244553	71693	235073	198089	36984	15101	13144	1957
Malappuram	613162	509684	103478	483419	420379	63040	34086	31482	2604
Palakkad	806903	569570	237333	673510	496557	176953	55754	44957	10797
Thrissur	379199	268514	110685	312955	235998	76957	22692	18621	4071
Ernakulam	417997	297463	120534	338650	256499	82151	34965	30099	4866
Idukki	498624	318263	180361	400011	275197	124814	85164	69165	15999
Kottayam	539176	385395	153781	434591	333204	101387	39616	35922	3694
Alappuzha	371442	244185	127257	263794	191272	72522	14770	12838	1932
Pathanamthitta	351835	252352	99483	259956	198953	61003	30630	27771	2859
Kollam	512817	354505	158312	373800	269660	104140	36867	33350	3517
Thiruvananthapuram	583332	401155	182177	402426	307552	94874	21993	18734	3259

**Table 1.9**  
**RURAL AGRICULTURE POPULATION**

RURAL	Marginal Agriculture Labourers Population			Marginal Household Industries Population			Marginal Other Workers Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	760632	510300	250332	104642	68889	35753	3583266	2753357	829909
Kasaragod	21309	15020	6289	12224	2758	9466	184458	141713	42745
Kannur	39917	25295	14622	2848	2128	720	194161	153078	41083
Wayanad	68262	44242	24020	2774	1962	812	136040	99073	36967
Kozhikode	21881	18060	3821	3099	2518	581	194992	164367	30625
Malappuram	61030	50975	10055	8206	6811	1395	380097	331111	48986
Palakkad	180457	96442	84015	14951	11228	3723	422348	343930	78418
Thrissur	32181	20476	11705	6276	4415	1861	251806	192486	59320
Ernakulam	36217	24505	11712	5707	4163	1544	261761	197732	64029
Idukki	111410	65075	46335	4684	3319	1365	198753	137638	61115
Kottayam	38839	30513	8326	9545	6610	2935	346591	260159	86432
Alappuzha	29796	19988	9808	10129	5503	4626	209099	152943	56156
Pathanamthitta	33523	28410	5113	6873	5262	1611	188930	137510	51420
Kollam	45472	38219	7253	7599	5490	2109	283862	192601	91261
Thiruvananthapuram	40338	33080	7258	9727	6722	3005	330368	249016	81352

Table 1.10

**URBAN HOUSEHOLD & POPULATION IN KERALA**

URBAN	No of Households	Population			Population in the age group 0-6 Person		
		Total	Male	Female	Total	Male	Female
KERALA	3704113	15934926	7619358	8315568	1649291	840356	808935
Kasaragod	104170	509047	240897	268150	63975	32741	31234
Kannur	352069	1640986	755764	885222	179095	90731	88364
Wayanad	7519	31580	15401	16179	3597	1836	1761
Kozhikode	462007	2072572	986158	1086414	221043	112175	108868
Malappuram	345962	1817211	865020	952191	253990	129214	124776
Palakkad	154935	676810	328012	348798	70405	35933	34472
Thrissur	508333	2096406	992460	1103946	202973	104231	98742
Ernakulam	554096	2234363	1101047	1133316	210628	107404	103224
Idukki	12604	52045	25563	26482	5182	2625	2557
Kottayam	140397	565393	275616	289777	49343	25078	24265
Alappuzha	287342	1148146	548429	599717	102632	52716	49916
Pathanamthitta	35069	131613	61896	69717	10656	5401	5255
Kollam	292696	1187158	566281	620877	116701	59194	57507
Thiruvananthapuram	446914	1771596	856814	914782	159071	81077	77994



**Table 1.11**  
**URBAN SC,ST POPULATION & LITERATES**

URBAN	Scheduled Castes population			Scheduled Tribes population			Literates Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	1221292	593989	627303	51747	24995	26752	13586504	6572473	7014031
Kasaragod	18761	9178	9583	2763	1276	1487	409460	198786	210674
Kannur	59788	28755	31033	5069	2442	2627	1401467	649926	751541
Wayanad	2200	1125	1075	3228	1465	1763	25515	12769	12746
Kozhikode	123701	60262	63439	5673	2729	2944	1766065	852543	913522
Malappuram	115996	57190	58806	4743	2345	2398	1472807	708673	764134
Palakkad	80882	39559	41323	1949	997	952	560597	278745	281852
Thrissur	202511	97865	104646	3571	1644	1927	1813077	863641	949436
Ernakulam	166008	81315	84693	8235	4124	4111	1947268	969753	977515
Idukki	2146	1045	1101	572	260	312	44799	22239	22560
Kottayam	34549	16946	17603	2274	1124	1150	503023	246141	256882
Alappuzha	89280	43242	46038	3613	1735	1878	1000327	483139	517188
Pathanamthitta	12621	6158	6463	445	215	230	117202	55159	62043
Kollam	119789	58040	61749	2875	1374	1501	1006911	486958	519953
Thiruvananthapuram	193060	93309	99751	6737	3265	3472	1517986	744001	773985

**Table 1.12**  
**URBAN WORKING POPULATION**

URBAN	Total Worker Population			Main Working Population			Main Cultivator Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	5277106	3944068	1333038	4399556	3436750	962806	63281	55014	8267
Kasaragod	162189	117013	45176	136597	101899	34698	2457	1981	476
Kannur	501735	375708	126027	431606	337719	93887	4738	3580	1158
Wayanad	12043	8528	3515	10145	7450	2695	186	177	9
Kozhikode	632735	507780	124955	519114	439010	80104	4804	4244	560
Malappuram	449262	388473	60789	368628	328052	40576	11624	11211	413
Palakkad	235437	176551	58886	202030	156925	45105	3440	2856	584
Thrissur	716528	520997	195531	616551	470279	146272	12099	10076	2023
Ernakulam	831346	615786	215560	722738	556255	166483	7012	6059	953
Idukki	17739	13447	4292	15936	12369	3567	559	511	48
Kottayam	196559	144927	51632	169962	130509	39453	3004	2751	253
Alappuzha	433029	292553	140476	332593	243119	89474	3035	2495	540
Pathanamthitta	40959	29502	11457	33301	24689	8612	960	912	48
Kollam	399208	289857	109351	321499	240249	81250	4600	4091	509
Thiruvananthapuram	648337	462946	185391	518856	388226	130630	4763	4070	693

Table 1.13

**URBAN AGRICULTURE POPULATION**

URBAN	Marginal Agriculture Labourers Population			Marginal Household Industries Population			Marginal Other Workers Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
KERALA	158504	118792	39712	93639	63222	30417	4084132	3199722	884410
Kasaragod	6413	4304	2109	5727	2158	3569	122000	93456	28544
Kannur	19311	12076	7235	7195	4901	2294	400362	317162	83200
Wayanad	871	591	280	143	102	41	8945	6580	2365
Kozhikode	15674	13283	2391	6129	4878	1251	492507	416605	75902
Malappuram	20811	18944	1867	5244	4484	760	330949	293413	37536
Palakkad	14937	8080	6857	5024	3700	1324	178629	142289	36340
Thrissur	22357	15312	7045	15607	11312	4295	566488	433579	132909
Ernakulam	13202	9751	3451	12912	9745	3167	689612	530700	158912
Idukki	981	777	204	249	190	59	14147	10891	3256
Kottayam	5944	4774	1170	3664	2743	921	157350	120241	37109
Alappuzha	9695	6838	2857	15026	7762	7264	304837	226024	78813
Pathanamthitta	1693	1499	194	716	540	176	29932	21738	8194
Kollam	11168	9497	1671	6252	4288	1964	299479	222373	77106
Thiruvananthapuram	15447	13066	2381	9751	6419	3332	488895	364671	124224

Table 1.14

**PROJECTED POPULATION OF KERALA**

State/District	Total Population										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Kerala	33406061	33569592	33734455	33900662	34068227	34237162	34407480	34579194	34752316	34926862	35102842
Kasaragod	1307375	1318180	1329074	1340059	1351134	1362301	1373560	1384912	1396357	1407898	1419534
Kannur	2523003	2534701	2546452	2558259	2570120	2582036	2594007	2606034	2618116	2630255	2642449
Wayanad	817420	821194	824986	828795	832622	836466	840328	844208	848106	852022	855956
Kozhikode	3086293	3107812	3129481	3151301	3173273	3195398	3217678	3240113	3262704	3285453	3308361
Malappuram	4112920	4165133	4218008	4271555	4325782	4380697	4436309	4492627	4549660	4607417	4665907
Palakkad	2809934	2829941	2850090	2870383	2890820	2911403	2932132	2953009	2974035	2995210	3016536
Thrissur	3121200	3136290	3151454	3166691	3182001	3197385	3212844	3228378	3243986	3259670	3275430
Ernakulam	3282388	3300590	3318893	3337298	3355804	3374413	3393126	3411942	3430862	3449888	3469019
Idukki	1108974	1106969	1104968	1102971	1100977	1098987	1097000	1095017	1093038	1091062	1089090
Kottayam	1974551	1976654	1978759	1980866	1982976	1985087	1987201	1989317	1991436	1993557	1995680
Alappuzha	2127789	2129661	2131534	2133410	2135287	2137165	2139045	2140927	2142811	2144696	2146583
Pathanamthitta	1197412	1193812	1190223	1186644	1183076	1179519	1175973	1172437	1168912	1165398	1161894
Kollam	2635375	2640445	2645525	2650614	2655713	2660822	2665941	2671070	2676209	2681357	2686516
Thiruvananthapuram	3301427	3308210	3315007	3321818	3328643	3335482	3342335	3349203	3356084	3362979	3369889

**Table 1.15**  
**PROJECTED POPULATION OF 0-6 AGE GROUP**

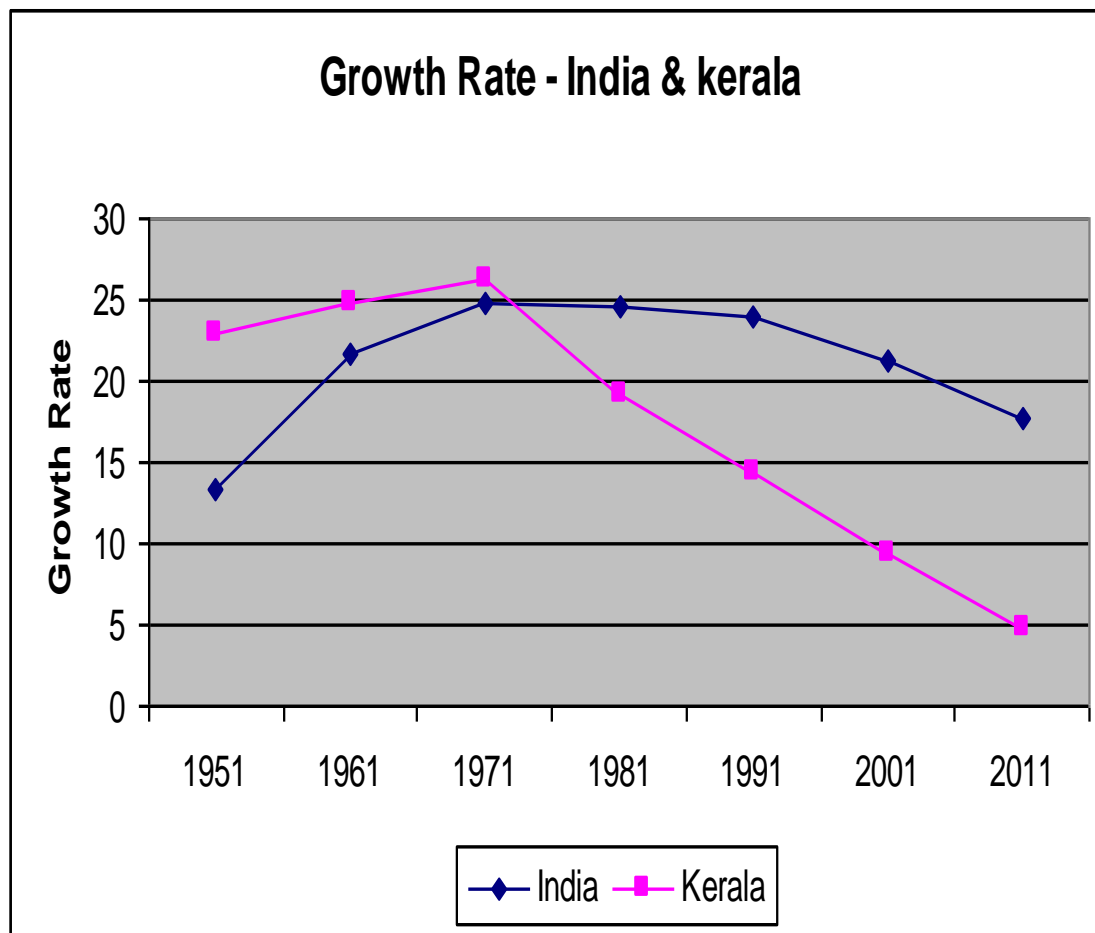
State/District	Population in the age group 0-6 Person										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Kerala	3472955	3491870	3510949	3530191	3549599	3569176	3588922	3608840	3628930	3649193	3669637
Kasaragod	155807	157095	158393	159702	161022	162353	163695	165047	166412	167787	169174
Kannur	274318	275590	276868	278151	279441	280736	282038	283346	284659	285979	287305
Wayanad	92324	92750	93179	93609	94041	94475	94911	95350	95790	96232	96676
Kozhikode	335645	337985	340342	342715	345104	347511	349934	352373	354830	357304	359796
Malappuram	574041	581328	588708	596182	603750	611415	619176	627037	634997	643058	651222
Palakkad	302297	304449	306617	308800	310999	313213	315443	317689	319951	322229	324524
Thrissur	303950	305420	306896	308380	309871	311369	312875	314387	315907	317435	318969
Ernakulam	304242	305929	307626	309332	311047	312772	314506	316250	318004	319767	321541
Idukki	105641	105450	105259	105069	104879	104690	104500	104312	104123	103935	103747
Kottayam	174486	174672	174858	175044	175230	175417	175604	175791	175978	176165	176353
Alappuzha	192046	192215	192384	192553	192723	192892	193062	193232	193402	193572	193742
Pathanamthitta	96837	96546	96256	95966	95678	95390	95103	94817	94532	94248	93965
Kollam	254260	254749	255239	255730	256222	256715	257209	257704	258200	258696	259194
Thiruvananthapuram	307061	307692	308324	308958	309592	310228	310866	311505	312145	312786	313429

**Table 1.16**  
**Percentage Decadal Variation in Population for State and Districts : 1901 - 2011**

State/ District Code	State/District	Percentage Decadal Variation										
		1901-'11	1911-'21	1921-31	1931-41	1941-51	1951-61	1961-71	1971- 81	1981- 91	1991-01	2001-11
<b>32</b>	<b>Kerala</b>	<b>11.75</b>	<b>9.16</b>	<b>21.85</b>	<b>16.04</b>	<b>22.82</b>	<b>24.76</b>	<b>26.29</b>	<b>19.24</b>	<b>14.32</b>	<b>9.43</b>	<b>4.91</b>
1	Kasaragod	7	3.82	17.56	13.33	20.08	24.6	33.36	27.78	22.78	12.37	8.58
2	Kannur	6.73	2.37	14.52	12.16	21.68	30.24	31.82	24.34	16.63	6.98	4.73
3	Wayanad	9.85	2.69	8.26	15.89	59.17	62.6	50.35	33.87	21.32	16.14	4.71
4	Kozhikode	7.34	3.55	17.51	11.95	25.14	25.71	29.81	23.25	16.69	9.89	7.2
5	Malappuram	9.64	2.17	14.44	11.73	17.67	20.67	33.8	29.43	28.87	17.09	13.45
6	Palakkad	7.31	4.18	10.22	8.9	18.45	12.79	23.06	21.3	16.52	9.88	7.35
7	Thrissur	12.65	5.72	22.14	16.17	21.53	20.32	26.09	14.6	12.2	8.66	4.94
8	Ernakulam	13.85	7.35	24.58	19.27	18.91	21.93	27.49	17.43	11.42	9.35	5.69
9	Idukki	108.75	9.23	72.53	30.37	35.69	74.94	31.89	25.99	10.45	7.03	-1.79
10	Kottayam	8.31	19.96	32.38	21.66	20.11	16.04	17.13	10.29	7.71	6.86	1.07
11	Alappuzha	14.83	18.53	24.75	13.63	18.58	20.45	19.01	11.62	7.28	5.39	0.88
12	Pathanamthitta	14.78	18.56	27.24	20.5	24.78	23.48	15.75	9.44	5.6	3.84	-2.97
13	Kollam	14.7	18.61	26.38	22.71	29.63	31.59	25.88	18.27	10.68	7.38	1.94
14	Thiruvananthapuram	17.54	17.02	28.58	18.46	30.81	31.38	26.03	18.08	13.5	9.76	2.07

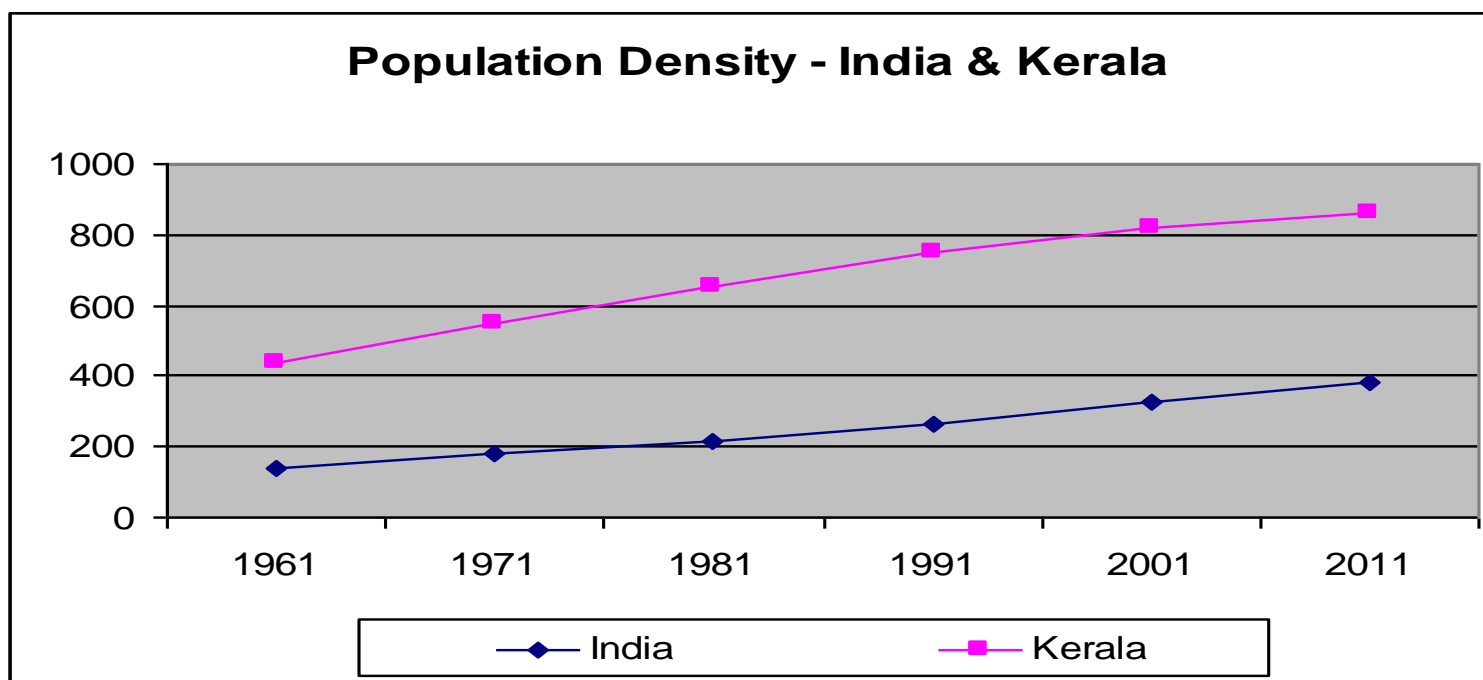
**Table-1.17**  
**Population and Growth rate India and Kerala**

Census year	India		Kerala		% Contribution
	Population (in crores)	Decadal Growth (%)	Population (In crores)	Decadal Growth (%)	
1951	36.1	13.31	1.36	22.82	3.63
1961	43.92	21.64	1.69	24.76	3.85
1971	54.82	24.8	2.13	26.29	3.89
1981	68.63	24.66	2.55	19.24	3.72
1991	84.34	23.86	2.91	14.32	3.45
2001	102.7	21.34	3.18	9.42	3.1
2011	121.06	17.7	3.34	4.91	2.76



**Table-1.18**  
**Population Density – India and Kerala**

<b>Year</b>	1961	1971	1981	1991	2001	2011
<b>India</b>	138	182	216	267	324	382
<b>Kerala</b>	435	549	655	749	819	860





**Table-1.19**  
**Sex-Ratio for State and Districts : 1901-2011**

State/ District Code	State/District	* Sex-ratio (Number of females per 1000 males)											
		1901	1911	1921	1931	1941	1951	1961	1971	1981	1991	2001	2011
<b>32</b>	<b>Kerala</b>	<b>1004</b>	<b>1008</b>	<b>1011</b>	<b>1022</b>	<b>1027</b>	<b>1028</b>	<b>1022</b>	<b>1016</b>	<b>1032</b>	<b>1036</b>	<b>1058</b>	<b>1084</b>
1	Kasaragod	1060	1053	1050	1040	1039	1046	1026	998	1020	1026	1047	1079
2	Kannur	1060	1079	1121	1106	1110	1074	1048	1033	1040	1049	1090	1133
3	Wayanad	805	815	786	804	835	838	903	922	949	966	995	1035
4	Kozhikode	1009	1022	1038	1032	1044	1019	1007	1004	1020	1027	1057	1097
5	Malappuram	1017	1020	1037	1059	1062	1055	1057	1041	1052	1053	1066	1096
6	Palakkad	1042	1057	1069	1079	1079	1085	1077	1056	1056	1061	1066	1067
7	Thrissur	1004	1009	1051	1075	1082	1105	1093	1081	1100	1085	1092	1109
8	Ernakulam	985	990	969	994	994	1008	999	988	997	1000	1019	1028
9	Idukki	839	842	850	834	875	909	914	937	963	975	993	1006
10	Kottayam	965	969	947	966	966	987	988	991	1001	1003	1025	1040
11	Alappuzha	986	987	986	997	1003	1022	1026	1025	1043	1051	1079	1100
12	Pathanamthitta	986	987	949	975	986	996	1011	1019	1056	1062	1094	1129
13	Kollam	987	988	989	1006	1013	997	996	1000	1022	1035	1069	1113
14	Thiruvananthapuram	996	990	981	1003	1017	1010	1005	1008	1030	1036	1060	1088

*\*For calculation of sex ratio, others have been considered as males.*

## Sex-Ratio for State : 1901-2011

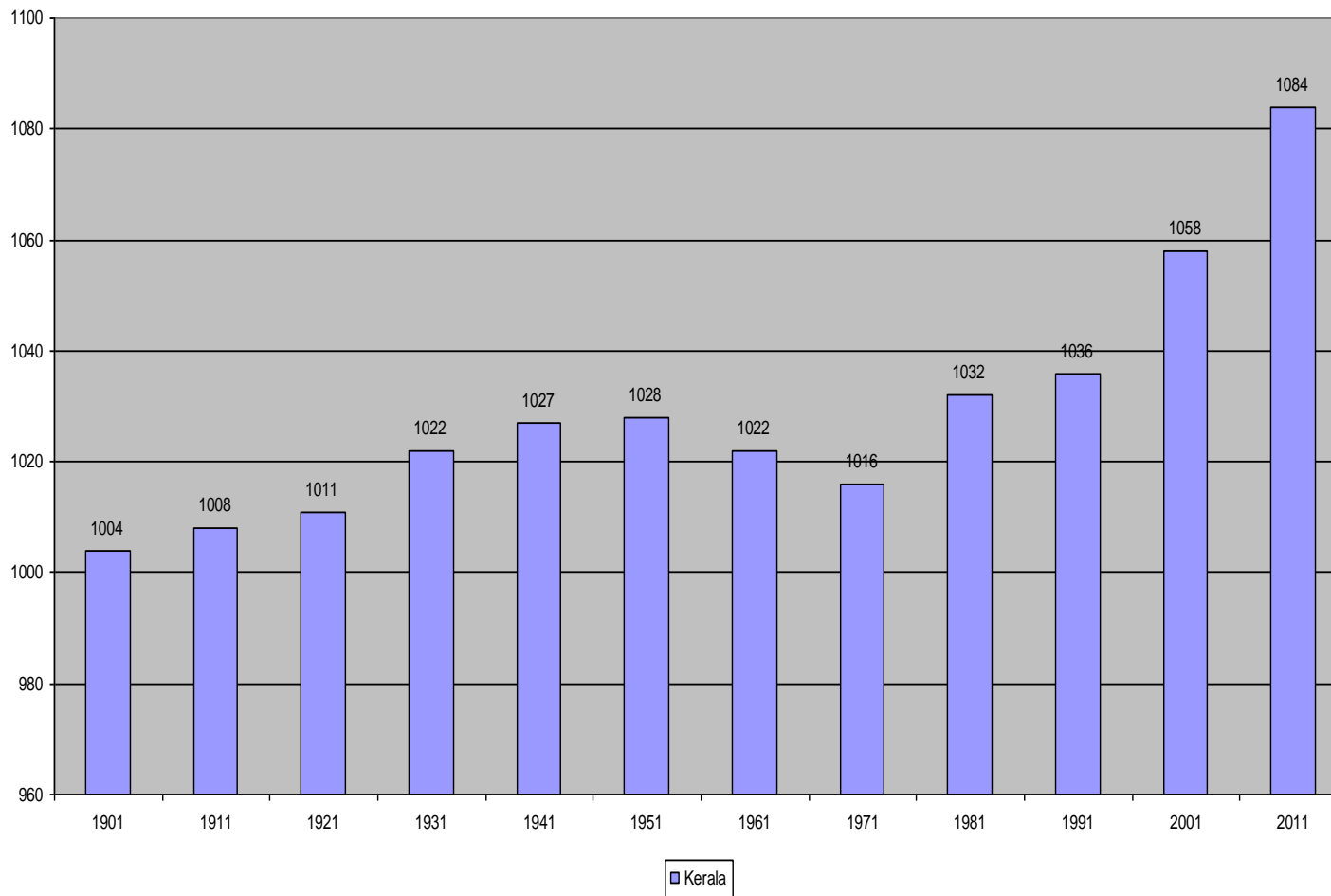
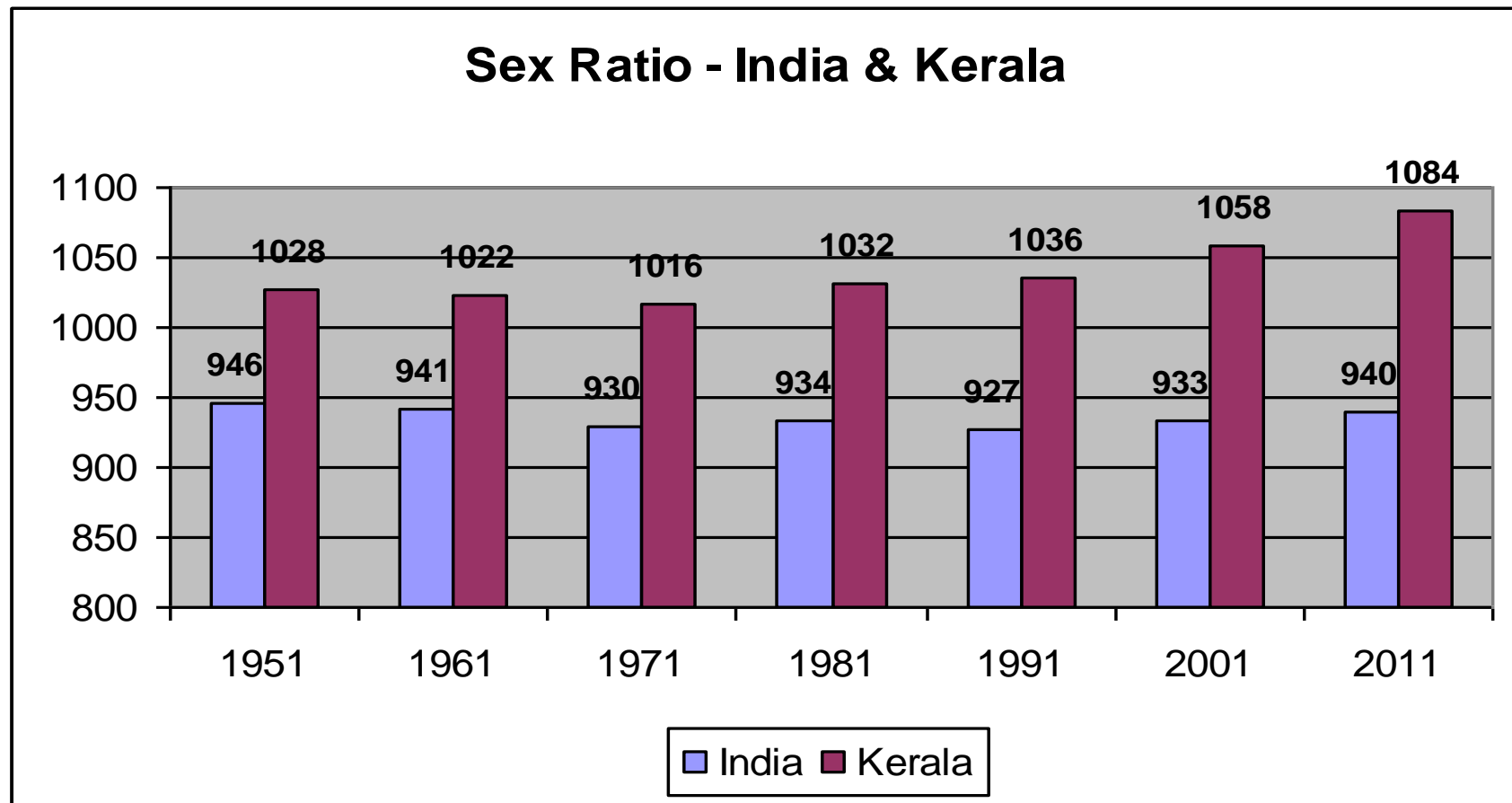


Table-1.20							
Sex Ratio @ Birth– India and Kerala							
Year	1951	1961	1971	1981	1991	2001	2011
India	946	941	930	934	927	933	940
Kerala	1028	1022	1016	1032	1036	1058	1084



**Table 1.21**  
**Sex ratio at birth**

DISTRICT	2011-12			2012-13		
	Male	Female	sex ratio	Male	Female	sex ratio per 1000
ALAPPUZHA	10439	10219	978.93	10475	9885	943.68
ERNAKULAM	20325	19506	959.70	20026	19079	952.71
IDUKKI	7129	7005	982.61	6936	6838	985.87
KANNUR	20344	19371	952.17	23816	23109	970.31
KASARAGOD	11295	10642	942.19	10971	10491	956.25
KOLLAM	17738	17275	973.90	16104	15503	962.68
KOTTAYAM	13307	12783	960.62	13159	12771	970.51
KOZHIKODE	29223	27990	957.81	28118	26861	955.30
MALAPPURAM	45843	43661	952.40	45752	42772	934.87
PALAKKAD	20765	19569	942.40	19829	18617	938.88
PATHANAMTHITTA	7865	7686	977.24	7950	7693	967.67
THIRUVANANTHAPURAM	21927	20947	955.31	21780	21123	969.83
THRISSUR	24469	23041	941.64	22167	21226	957.55
WAYANAD	7475	7253	970.30	7385	7189	973.46
<b>KERALA</b>	<b>258144</b>	<b>246948</b>	<b>956.63</b>	<b>254468</b>	<b>243157</b>	<b>955.55</b>

Source:-HMIS, Director of Health Services

**Table-1.22**  
**Literacy Rate – India and Kerala**

Census Year	India			Kerala		
	Male %	Female %	Total literacy Rate %	Male %	Female %	Total literacy Rate %
1951	27.17	8.86	18.33	58.35	36.43	47.18
1961	40.4	15.35	28.3	64.89	45.56	55.08
1971	45.96	21.97	34.45	77.13	62.53	69.75
1981	56.38	29.76	43.57	84.56	73.36	78.85
1991	64.13	39.29	52.21	93.62	86.17	89.81
2001	75.85	54.16	65.38	94.2	87.86	90.86
2011	82.14	65.46	74.04	85.51	83.04	84.28

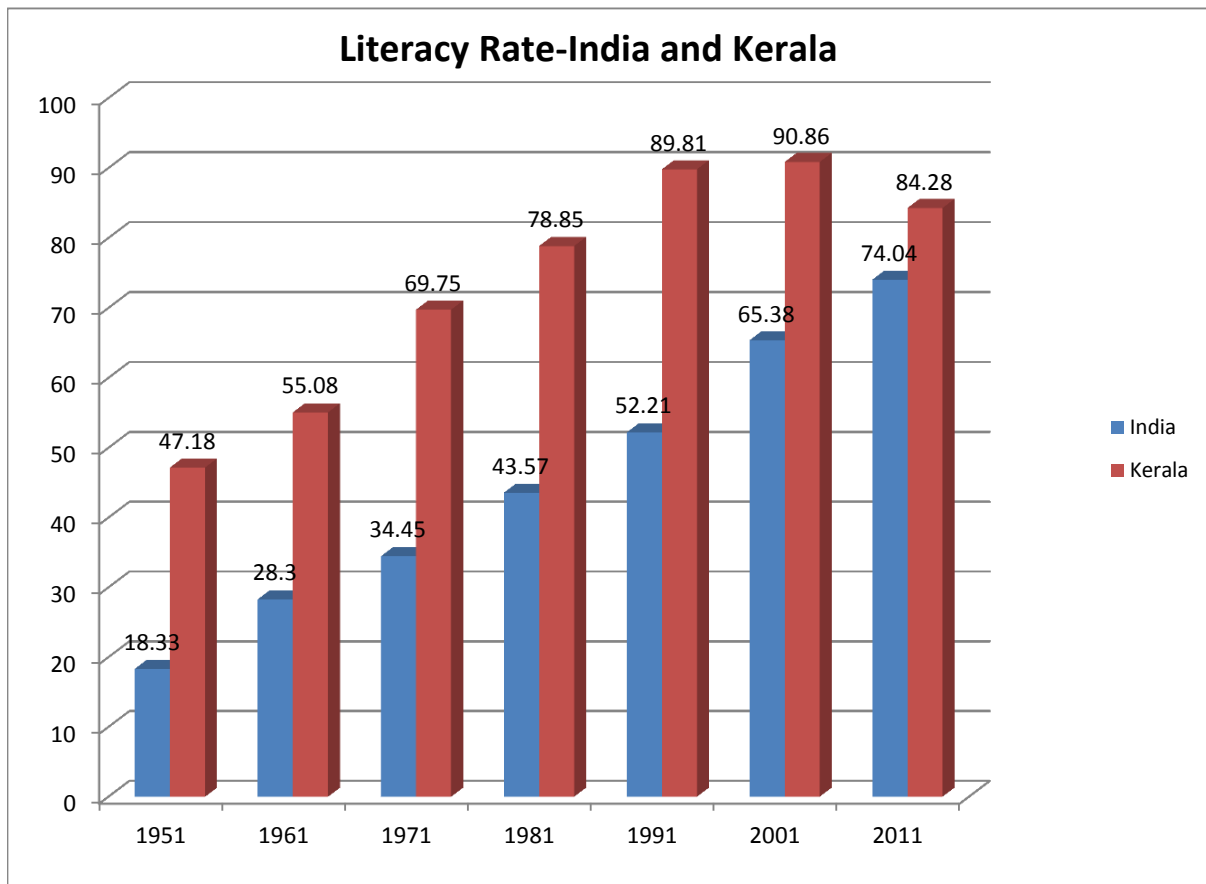
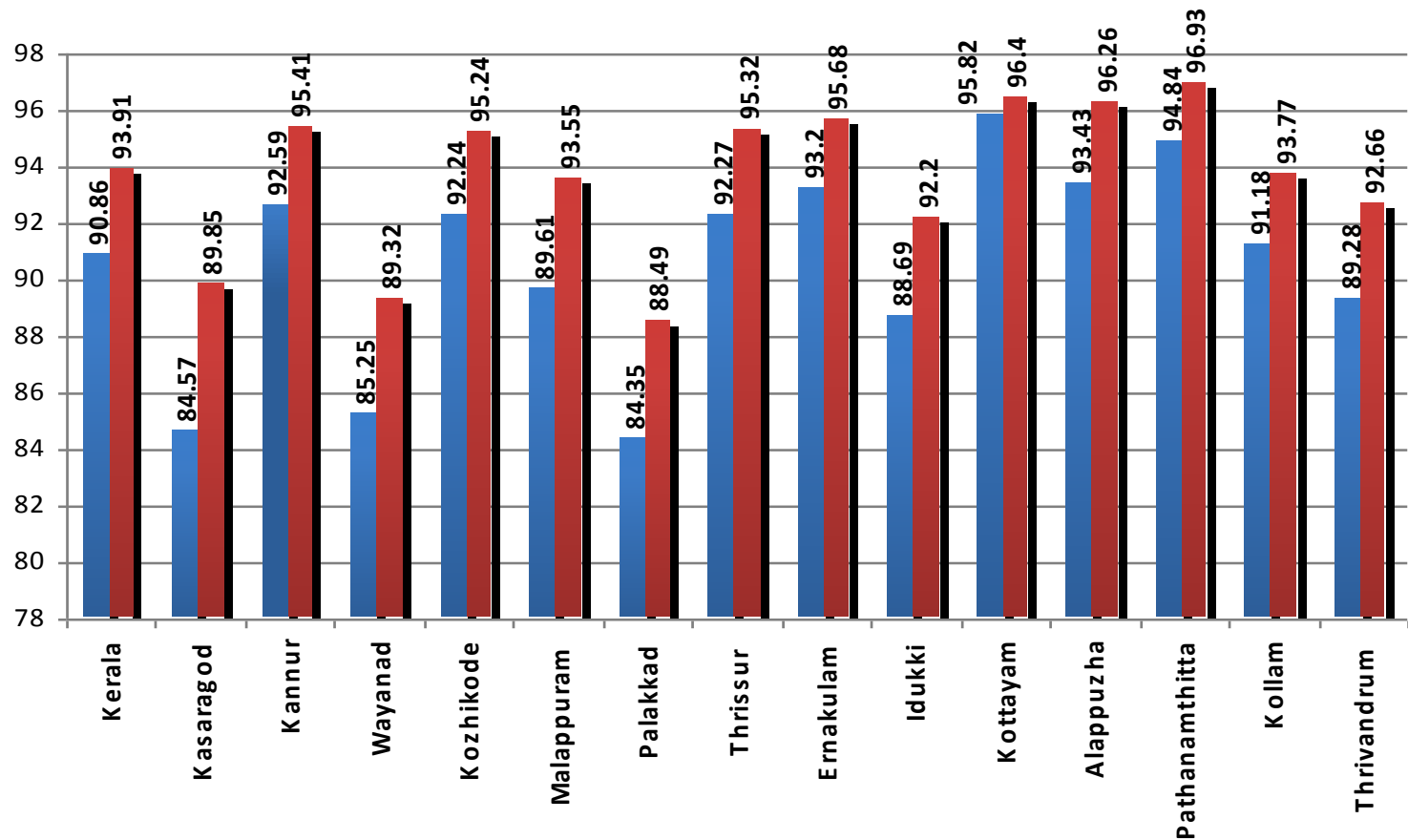


Table 1.23

## Literacy Rates by Sex for State and Districts : 2001 and 2011

State/ District Code	State/District	Literacy rate*					
		Persons		Males		Females	
		2001	2011	2001	2011	2001	2011
32	Kerala	90.86	93.91	94.24	96.02	87.72	91.98
1	Kasaragod	84.57	89.85	90.36	93.93	79.12	86.13
2	Kannur	92.59	95.41	96.13	97.54	89.4	93.57
3	Wayanad	85.25	89.32	89.77	92.84	80.72	85.94
4	Kozhikode	92.24	95.24	96.11	97.57	88.62	93.16
5	Malappuram	89.61	93.55	93.25	95.78	86.26	91.55
6	Palakkad	84.35	88.49	89.52	92.27	79.56	84.99
7	Thrissur	92.27	95.32	95.11	96.98	89.71	93.85
8	Ernakulam	93.2	95.68	95.81	97.14	90.66	94.27
9	Idukki	88.69	92.2	92.33	94.84	85.02	89.59
10	Kottayam	95.82	96.4	97.34	97.17	94.35	95.67
11	Alappuzha	93.43	96.26	96.27	97.9	90.82	94.8
12	Pathanamthitta	94.84	96.93	96.41	97.7	93.43	96.26
13	Kollam	91.18	93.77	94.43	95.83	88.18	91.95
14	Thiruvananthapuram	89.28	92.66	92.64	94.6	86.14	90.89

**Literacy Rate by State & Districts (2001-2011)**



**Table 1.24**

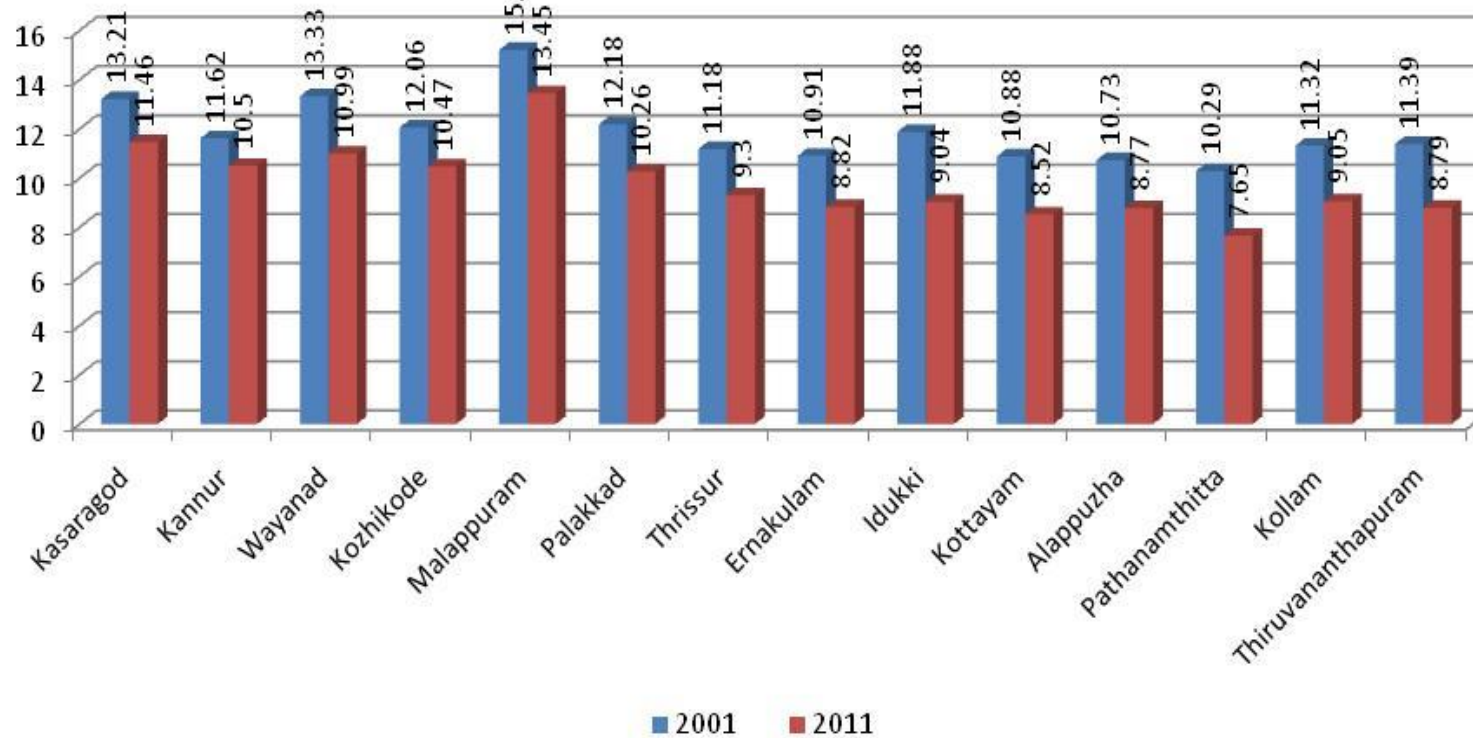
**Proportion of Child Population in the Age-Group 0-6 to Total Population for State and Districts : 2001 and 2011**

State/ District Code	State/District	Proportion of Child Population in the Age-Group 0-6 to Total Population					
		2001			2011		
		P	M	F	P	M	F
32	Kerala	11.91	12.51	11.35	9.95	10.59	9.36
1	Kasaragod	13.21	13.8	12.64	11.46	12.15	10.82
2	Kannur	11.62	12.37	10.92	10.5	11.42	9.7
3	Wayanad	13.33	13.58	13.08	10.99	11.41	10.58
4	Kozhikode	12.06	12.66	11.48	10.47	11.19	9.82
5	Malappuram	15.21	16.04	14.44	13.45	14.38	12.6
6	Palakkad	12.18	12.82	11.59	10.26	10.8	9.75
7	Thrissur	11.18	11.94	10.48	9.3	10.07	8.6
8	Ernakulam	10.91	11.27	10.56	8.82	9.15	8.5
9	Idukki	11.88	12.03	11.74	9.04	9.26	8.82
10	Kottayam	10.88	11.23	10.55	8.52	8.88	8.17
11	Alappuzha	10.73	11.41	10.11	8.77	9.46	8.14
12	Pathanamthitta	10.29	10.95	9.69	7.65	8.29	7.09
13	Kollam	11.32	11.94	10.73	9.05	9.76	8.42
14	Thiruvananthapuram	11.39	11.96	10.86	8.79	9.33	8.29

Source: Census 2011



**Proportion of Child Population in the Age group 0-6 to total population for Districts 2001 and 2011**



**Table1.25**

<b>AGE WISE AND SEX WISE POPULATION IN KERALA 2011</b>									
<b>Age</b>	<b>Total</b>			<b>Rural</b>			<b>Urban</b>		
	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
All ages	33406061	16027412	17378649	17471135	8408054	9063081	15934926	7619358	8315568
0	482341	243852	238489	252391	127392	124999	229950	116460	113490
1	500354	255004	245350	261659	133300	128359	238695	121704	116991
2	482851	245356	237495	252321	128331	123990	230530	117025	113505
3	486817	247884	238933	256287	130421	125866	230530	117463	113067
4	500729	255438	245291	263682	134365	129317	237047	121073	115974
5	512686	261438	251248	269955	137393	132562	242731	124045	118686
6	507177	259272	247905	267369	136686	130683	239808	122586	117222
7	510507	260663	249844	269683	137381	132302	240824	123282	117542
8	505052	257189	247863	266464	135648	130816	238588	121541	117047
9	519690	264628	255062	274733	139969	134764	244957	124659	120298
10	580680	296685	283995	308617	157549	151068	272063	139136	132927
11	568020	289140	278880	300586	152852	147734	267434	136288	131146
12	541784	276952	264832	289296	147699	141597	252488	129253	123235
13	578706	293478	285228	307138	155230	151908	271568	138248	133320
14	553580	282662	270918	293701	149567	144134	259879	133095	126784
15	541700	276123	265577	285887	145596	140291	255813	130527	125286
16	515159	261654	253505	271122	137616	133506	244037	124038	119999
17	517325	263097	254228	269726	137316	132410	247599	125781	121818
18	527597	269522	258075	274990	140996	133994	252607	128526	124081
19	508771	257903	250868	264088	134680	129408	244683	123223	121460
20	555345	279283	276062	288693	146322	142371	266652	132961	133691
21	521601	259752	261849	269911	135275	134636	251690	124477	127213
22	531068	259666	271402	276695	136102	140593	254373	123564	130809
23	524597	250442	274155	272516	131353	141163	252081	119089	132992
24	533198	249683	283515	278246	131231	147015	254952	118452	136500
25	546715	252370	294345	287979	133845	154134	258736	118525	140211

**Table1.25 Contd.**

<b>AGE WISE AND SEX WISE POPULATION IN KERALA 2011</b>									
<b>Age</b>	<b>Total</b>			<b>Rural</b>			<b>Urban</b>		
	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>All ages</b>	<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
26	526650	244441	282209	276832	129841	146991	249818	114600	135218
27	510651	237999	272652	268935	126721	142214	241716	111278	130438
28	536685	245857	290828	282679	130749	151930	254006	115108	138898
29	483391	223311	260080	252611	117883	134728	230780	105428	125352
30	579855	266060	313795	307266	142074	165192	272589	123986	148603
31	466740	216325	250415	241891	113355	128536	224849	102970	121879
32	484742	223415	261327	252696	117751	134945	232046	105664	126382
33	448856	206019	242837	231906	107579	124327	216950	98440	118510
34	475308	216398	258910	244501	112215	132286	230807	104183	126624
35	572123	258314	313809	302273	137385	164888	269850	120929	148921
36	508215	229025	279190	264057	119753	144304	244158	109272	134886
37	472243	211305	260938	245072	109817	135255	227171	101488	125683
38	553249	247712	305537	288702	129938	158764	264547	117774	146773
39	473843	215463	258380	244525	111448	133077	229318	104015	125303
40	601775	271233	330542	318431	143423	175008	283344	127810	155534
41	450343	210270	240073	229460	107619	121841	220883	102651	118232
42	502835	236854	265981	259569	122793	136776	243266	114061	129205
43	437207	202850	234357	223021	103624	119397	214186	99226	114960
44	420338	196217	224121	215657	100758	114899	204681	95459	109222
45	572618	264829	307789	302650	139939	162711	269968	124890	145078
46	450054	212387	237667	233023	109945	123078	217031	102442	114589
47	418998	197322	221676	218125	103082	115043	200873	94240	106633
48	495898	232157	263741	261313	122589	138724	234585	109568	125017
49	410962	198903	212059	212771	102882	109889	198191	96021	102170
50	530352	243497	286855	283692	130279	153413	246660	113218	133442

**Table1.25 Contd.**

<b>AGE WISE AND SEX WISE POPULATION IN KERALA 2011</b>									
<b>Age</b>	<b>Total</b>			<b>Rural</b>			<b>Urban</b>		
	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>All ages</b>	<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
51	371941	185853	186088	189151	94983	94168	182790	90870	91920
52	354720	171536	183184	184086	89798	94288	170634	81738	88896
53	328022	162116	165906	167420	83080	84340	160602	79036	81566
54	343110	168189	174921	176813	86777	90036	166297	81412	84885
55	472631	225560	247071	251612	120787	130825	221019	104773	116246
56	340433	167937	172496	176281	87093	89188	164152	80844	83308
57	283682	141103	142579	146294	72768	73526	137388	68335	69053
58	373157	188680	184477	190686	95962	94724	182471	92718	89753
59	272505	138247	134258	138510	70250	68260	133995	67997	65998
60	443926	204341	239585	237480	109942	127538	206446	94399	112047
61	254290	125563	128727	128486	63810	64676	125804	61753	64051
62	265229	130812	134417	133997	66139	67858	131232	64673	66559
63	242212	121563	120649	120430	60235	60195	121782	61328	60454
64	209014	102857	106157	104554	51251	53303	104460	51606	52854
65	349259	153856	195403	186109	82277	103832	163150	71579	91571
66	189755	88205	101550	98091	45509	52582	91664	42696	48968
67	162297	77837	84460	85100	40964	44136	77197	36873	40324
68	173615	79798	93817	90608	41514	49094	83007	38284	44723
69	127208	59536	67672	65357	30273	35084	61851	29263	32588
70	258614	106577	152037	138556	57631	80925	120058	48946	71112
71	128666	59469	69197	65919	30488	35431	62747	28981	33766
72	130458	60970	69488	67339	31644	35695	63119	29326	33793
73	108500	50425	58075	55479	25823	29656	53021	24602	28419
74	107134	49121	58013	54693	25087	29606	52441	24034	28407
75	189140	75206	113934	101876	41173	60703	87264	34033	53231

**Table1.25 Contd.**

<b>AGE WISE AND SEX WISE POPULATION IN KERALA 2011</b>									
<b>Age</b>	<b>Total</b>			<b>Rural</b>			<b>Urban</b>		
	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>All ages</b>	<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
76	106496	45155	61341	55837	23867	31970	50659	21288	29371
77	68217	30412	37805	35796	15948	19848	32421	14464	17957
78	81107	33940	47167	43308	18178	25130	37799	15762	22037
79	56407	23604	32803	29850	12586	17264	26557	11018	15539
80	123734	45497	78237	68277	25920	42357	55457	19577	35880
81	54863	22498	32365	29180	12185	16995	25683	10313	15370
82	47308	19565	27743	25461	10909	14552	21847	8656	13191
83	37813	15563	22250	20086	8516	11570	17727	7047	10680
84	38725	15421	23304	20758	8485	12273	17967	6936	11031
85	69675	24344	45331	39177	14253	24924	30498	10091	20407
86	37696	14058	23638	20762	8020	12742	16934	6038	10896
87	23119	8836	14283	12858	5090	7768	10261	3746	6515
88	19855	7411	12444	11059	4198	6861	8796	3213	5583
89	13910	5254	8656	7725	2969	4756	6185	2285	3900
90	26564	8516	18048	15278	5089	10189	11286	3427	7859
91	9845	3345	6500	5481	1955	3526	4364	1390	2974
92	6183	2269	3914	3459	1315	2144	2724	954	1770
93	5764	2123	3641	3278	1257	2021	2486	866	1620
94	4574	1714	2860	2702	1059	1643	1872	655	1217
95	6586	2111	4475	3904	1290	2614	2682	821	1861
96	4034	1419	2615	2398	864	1534	1636	555	1081
97	2378	902	1476	1431	574	857	947	328	619
98	2383	837	1546	1430	518	912	953	319	634
99	1409	477	932	859	303	556	550	174	376
100+	5431	2188	3243	3124	1212	1912	2307	976	1331
Age not stated	34486	17297	17189	17337	8679	8658	17149	8618	8531

**Table 1.26**

<b>CUMULATIVE AGE WISE AND SEX WISE POPULATION IN KERALA 2011</b>										
<b>Age</b>		<b>Total</b>			<b>Rural</b>			<b>Urban</b>		
		<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>	<b>Persons</b>	<b>Males</b>	<b>Females</b>
<b>1</b>		<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>All ages</b>		<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
Under	0	482341	243852	238489	252391	127392	124999	229950	116460	113490
Under	1	9,82,695	4,98,856	4,83,839	5,14,050	2,60,692	2,53,358	4,68,645	2,38,164	2,30,481
Under	2	14,65,546	7,44,212	7,21,334	7,66,371	3,89,023	3,77,348	6,99,175	3,55,189	3,43,986
Under	3	19,52,363	9,92,096	9,60,267	10,22,658	5,19,444	5,03,214	9,29,705	4,72,652	4,57,053
Under	4	24,53,092	12,47,534	12,05,558	12,86,340	6,53,809	6,32,531	11,66,752	5,93,725	5,73,027
Under	5	29,65,778	15,08,972	14,56,806	15,56,295	7,91,202	7,65,093	14,09,483	7,17,770	6,91,713
Under	6	34,72,955	17,68,244	17,04,711	18,23,664	9,27,888	8,95,776	16,49,291	8,40,356	8,08,935
Under	7	39,83,462	20,28,907	19,54,555	20,93,347	10,65,269	10,28,078	18,90,115	9,63,638	9,26,477
Under	8	44,88,514	22,86,096	22,02,418	23,59,811	12,00,917	11,58,894	21,28,703	10,85,179	10,43,524
Under	9	50,08,204	25,50,724	24,57,480	26,34,544	13,40,886	12,93,658	23,73,660	12,09,838	11,63,822
Under	10	55,88,884	28,47,409	27,41,475	29,43,161	14,98,435	14,44,726	26,45,723	13,48,974	12,96,749
Under	11	61,56,904	31,36,549	30,20,355	32,43,747	16,51,287	15,92,460	29,13,157	14,85,262	14,27,895
Under	12	66,98,688	34,13,501	32,85,187	35,33,043	17,98,986	17,34,057	31,65,645	16,14,515	15,51,130
Under	13	72,77,394	37,06,979	35,70,415	38,40,181	19,54,216	18,85,965	34,37,213	17,52,763	16,84,450
Under	14	78,30,974	39,89,641	38,41,333	41,33,882	21,03,783	20,30,099	36,97,092	18,85,858	18,11,234
Under	15	83,72,674	42,65,764	41,06,910	44,19,769	22,49,379	21,70,390	39,52,905	20,16,385	19,36,520
Under	16	88,87,833	45,27,418	43,60,415	46,90,891	23,86,995	23,03,896	41,96,942	21,40,423	20,56,519
Under	17	94,05,158	47,90,515	46,14,643	49,60,617	25,24,311	24,36,306	44,44,541	22,66,204	21,78,337
Under	18	99,32,755	50,60,037	48,72,718	52,35,607	26,65,307	25,70,300	46,97,148	23,94,730	23,02,418
Under	19	1,04,41,526	53,17,940	51,23,586	54,99,695	27,99,987	26,99,708	49,41,831	25,17,953	24,23,878
Under	20	1,09,96,871	55,97,223	53,99,648	57,88,388	29,46,309	28,42,079	52,08,483	26,50,914	25,57,569
Under	21	1,15,18,472	58,56,975	56,61,497	60,58,299	30,81,584	29,76,715	54,60,173	27,75,391	26,84,782
Under	22	1,20,49,540	61,16,641	59,32,899	63,34,994	32,17,686	31,17,308	57,14,546	28,98,955	28,15,591
Under	23	1,25,74,137	63,67,083	62,07,054	66,07,510	33,49,039	32,58,471	59,66,627	30,18,044	29,48,583
Under	24	1,31,07,335	66,16,766	64,90,569	68,85,756	34,80,270	34,05,486	62,21,579	31,36,496	30,85,083
Under	25	1,36,54,050	68,69,136	67,84,914	71,73,735	36,14,115	35,59,620	64,80,315	32,55,021	32,25,294

Table 1.26 Contd.

CUMULATIVE AGE WISE AND SEX WISE POPULATION IN KERALA 2011										
Age		Total			Rural			Urban		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1		2	3	4	5	6	7	8	9	10
<b>All ages</b>		<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
Under	26	1,41,80,700	71,13,577	70,67,123	74,50,567	37,43,956	37,06,611	67,30,133	33,69,621	33,60,512
Under	27	1,46,91,351	73,51,576	73,39,775	77,19,502	38,70,677	38,48,825	69,71,849	34,80,899	34,90,950
Under	28	1,52,28,036	75,97,433	76,30,603	80,02,181	40,01,426	40,00,755	72,25,855	35,96,007	36,29,848
Under	29	1,57,11,427	78,20,744	78,90,683	82,54,792	41,19,309	41,35,483	74,56,635	37,01,435	37,55,200
Under	30	1,62,91,282	80,86,804	82,04,478	85,62,058	42,61,383	43,00,675	77,29,224	38,25,421	39,03,803
Under	31	1,67,58,022	83,03,129	84,54,893	88,03,949	43,74,738	44,29,211	79,54,073	39,28,391	40,25,682
Under	32	1,72,42,764	85,26,544	87,16,220	90,56,645	44,92,489	45,64,156	81,86,119	40,34,055	41,52,064
Under	33	1,76,91,620	87,32,563	89,59,057	92,88,551	46,00,068	46,88,483	84,03,069	41,32,495	42,70,574
Under	34	1,81,66,928	89,48,961	92,17,967	95,33,052	47,12,283	48,20,769	86,33,876	42,36,678	43,97,198
Under	35	1,87,39,051	92,07,275	95,31,776	98,35,325	48,49,668	49,85,657	89,03,726	43,57,607	45,46,119
Under	36	1,92,47,266	94,36,300	98,10,966	1,00,99,382	49,69,421	51,29,961	91,47,884	44,66,879	46,81,005
Under	37	1,97,19,509	96,47,605	1,00,71,904	1,03,44,454	50,79,238	52,65,216	93,75,055	45,68,367	48,06,688
Under	38	2,02,72,758	98,95,317	1,03,77,441	1,06,33,156	52,09,176	54,23,980	96,39,602	46,86,141	49,53,461
Under	39	2,07,46,601	1,01,10,780	1,06,35,821	1,08,77,681	53,20,624	55,57,057	98,68,920	47,90,156	50,78,764
Under	40	2,13,48,376	1,03,82,013	1,09,66,363	1,11,96,112	54,64,047	57,32,065	1,01,52,264	49,17,966	52,34,298
Under	41	2,17,98,719	1,05,92,283	1,12,06,436	1,14,25,572	55,71,666	58,53,906	1,03,73,147	50,20,617	53,52,530
Under	42	2,23,01,554	1,08,29,137	1,14,72,417	1,16,85,141	56,94,459	59,90,682	1,06,16,413	51,34,678	54,81,735
Under	43	2,27,38,761	1,10,31,987	1,17,06,774	1,19,08,162	57,98,083	61,10,079	1,08,30,599	52,33,904	55,96,695
Under	44	2,31,59,099	1,12,28,204	1,19,30,895	1,21,23,819	58,98,841	62,24,978	1,10,35,280	53,29,363	57,05,917
Under	45	2,37,31,717	1,14,93,033	1,22,38,684	1,24,26,469	60,38,780	63,87,689	1,13,05,248	54,54,253	58,50,995
Under	46	2,41,81,771	1,17,05,420	1,24,76,351	1,26,59,492	61,48,725	65,10,767	1,15,22,279	55,56,695	59,65,584
Under	47	2,46,00,769	1,19,02,742	1,26,98,027	1,28,77,617	62,51,807	66,25,810	1,17,23,152	56,50,935	60,72,217
Under	48	2,50,96,667	1,21,34,899	1,29,61,768	1,31,38,930	63,74,396	67,64,534	1,19,57,737	57,60,503	61,97,234
Under	49	2,55,07,629	1,23,33,802	1,31,73,827	1,33,51,701	64,77,278	68,74,423	1,21,55,928	58,56,524	62,99,404
Under	50	2,60,37,981	1,25,77,299	1,34,60,682	1,36,35,393	66,07,557	70,27,836	1,24,02,588	59,69,742	64,32,846

Table 1.26 Contd.

CUMULATIVE AGE WISE AND SEX WISE POPULATION IN KERALA 2011										
Age		Total			Rural			Urban		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1		2	3	4	5	6	7	8	9	10
<b>All ages</b>		<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
Under	51	2,64,09,922	1,27,63,152	1,36,46,770	1,38,24,544	67,02,540	71,22,004	1,25,85,378	60,60,612	65,24,766
Under	52	2,67,64,642	1,29,34,688	1,38,29,954	1,40,08,630	67,92,338	72,16,292	1,27,56,012	61,42,350	66,13,662
Under	53	2,70,92,664	1,30,96,804	1,39,95,860	1,41,76,050	68,75,418	73,00,632	1,29,16,614	62,21,386	66,95,228
Under	54	2,74,35,774	1,32,64,993	1,41,70,781	1,43,52,863	69,62,195	73,90,668	1,30,82,911	63,02,798	67,80,113
Under	55	2,79,08,405	1,34,90,553	1,44,17,852	1,46,04,475	70,82,982	75,21,493	1,33,03,930	64,07,571	68,96,359
Under	56	2,82,48,838	1,36,58,490	1,45,90,348	1,47,80,756	71,70,075	76,10,681	1,34,68,082	64,88,415	69,79,667
Under	57	2,85,32,520	1,37,99,593	1,47,32,927	1,49,27,050	72,42,843	76,84,207	1,36,05,470	65,56,750	70,48,720
Under	58	2,89,05,677	1,39,88,273	1,49,17,404	1,51,17,736	73,38,805	77,78,931	1,37,87,941	66,49,468	71,38,473
Under	59	2,91,78,182	1,41,26,520	1,50,51,662	1,52,56,246	74,09,055	78,47,191	1,39,21,936	67,17,465	72,04,471
Under	60	2,96,22,108	1,43,30,861	1,52,91,247	1,54,93,726	75,18,997	79,74,729	1,41,28,382	68,11,864	73,16,518
Under	61	2,98,76,398	1,44,56,424	1,54,19,974	1,56,22,212	75,82,807	80,39,405	1,42,54,186	68,73,617	73,80,569
Under	62	3,01,41,627	1,45,87,236	1,55,54,391	1,57,56,209	76,48,946	81,07,263	1,43,85,418	69,38,290	74,47,128
Under	63	3,03,83,839	1,47,08,799	1,56,75,040	1,58,76,639	77,09,181	81,67,458	1,45,07,200	69,99,618	75,07,582
Under	64	3,05,92,853	1,48,11,656	1,57,81,197	1,59,81,193	77,60,432	82,20,761	1,46,11,660	70,51,224	75,60,436
Under	65	3,09,42,112	1,49,65,512	1,59,76,600	1,61,67,302	78,42,709	83,24,593	1,47,74,810	71,22,803	76,52,007
Under	66	3,11,31,867	1,50,53,717	1,60,78,150	1,62,65,393	78,88,218	83,77,175	1,48,66,474	71,65,499	77,00,975
Under	67	3,12,94,164	1,51,31,554	1,61,62,610	1,63,50,493	79,29,182	84,21,311	1,49,43,671	72,02,372	77,41,299
Under	68	3,14,67,779	1,52,11,352	1,62,56,427	1,64,41,101	79,70,696	84,70,405	1,50,26,678	72,40,656	77,86,022
Under	69	3,15,94,987	1,52,70,888	1,63,24,099	1,65,06,458	80,00,969	85,05,489	1,50,88,529	72,69,919	78,18,610
Under	70	3,18,53,601	1,53,77,465	1,64,76,136	1,66,45,014	80,58,600	85,86,414	1,52,08,587	73,18,865	78,89,722
Under	71	3,19,82,267	1,54,36,934	1,65,45,333	1,67,10,933	80,89,088	86,21,845	1,52,71,334	73,47,846	79,23,488
Under	72	3,21,12,725	1,54,97,904	1,66,14,821	1,67,78,272	81,20,732	86,57,540	1,53,34,453	73,77,172	79,57,281
Under	73	3,22,21,225	1,55,48,329	1,66,72,896	1,68,33,751	81,46,555	86,87,196	1,53,87,474	74,01,774	79,85,700
Under	74	3,23,28,359	1,55,97,450	1,67,30,909	1,68,88,444	81,71,642	87,16,802	1,54,39,915	74,25,808	80,14,107
Under	75	3,25,17,499	1,56,72,656	1,68,44,843	1,69,90,320	82,12,815	87,77,505	1,55,27,179	74,59,841	80,67,338



**Table 1.26 Contd.**

<b>CUMULATIVE AGE WISE AND SEX WISE POPULATION IN KERALA 2011</b>										
Age		Total			Rural			Urban		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
<b>All ages</b>		<b>33406061</b>	<b>16027412</b>	<b>17378649</b>	<b>17471135</b>	<b>8408054</b>	<b>9063081</b>	<b>15934926</b>	<b>7619358</b>	<b>8315568</b>
Under	75	3,25,17,499	1,56,72,656	1,68,44,843	1,69,90,320	82,12,815	87,77,505	1,55,27,179	74,59,841	80,67,338
Under	76	3,26,23,995	1,57,17,811	1,69,06,184	1,70,46,157	82,36,682	88,09,475	1,55,77,838	74,81,129	80,96,709
Under	77	3,26,92,212	1,57,48,223	1,69,43,989	1,70,81,953	82,52,630	88,29,323	1,56,10,259	74,95,593	81,14,666
Under	78	3,27,73,319	1,57,82,163	1,69,91,156	1,71,25,261	82,70,808	88,54,453	1,56,48,058	75,11,355	81,36,703
Under	79	3,28,29,726	1,58,05,767	1,70,23,959	1,71,55,111	82,83,394	88,71,717	1,56,74,615	75,22,373	81,52,242
Under	80	3,29,53,460	1,58,51,264	1,71,02,196	1,72,23,388	83,09,314	89,14,074	1,57,30,072	75,41,950	81,88,122
Under	81	3,30,08,323	1,58,73,762	1,71,34,561	1,72,52,568	83,21,499	89,31,069	1,57,55,755	75,52,263	82,03,492
Under	82	3,30,55,631	1,58,93,327	1,71,62,304	1,72,78,029	83,32,408	89,45,621	1,57,77,602	75,60,919	82,16,683
Under	83	3,30,93,444	1,59,08,890	1,71,84,554	1,72,98,115	83,40,924	89,57,191	1,57,95,329	75,67,966	82,27,363
Under	84	3,31,32,169	1,59,24,311	1,72,07,858	1,73,18,873	83,49,409	89,69,464	1,58,13,296	75,74,902	82,38,394
Under	85	3,32,01,844	1,59,48,655	1,72,53,189	1,73,58,050	83,63,662	89,94,388	1,58,43,794	75,84,993	82,58,801
Under	86	3,32,39,540	1,59,62,713	1,72,76,827	1,73,78,812	83,71,682	90,07,130	1,58,60,728	75,91,031	82,69,697
Under	87	3,32,62,659	1,59,71,549	1,72,91,110	1,73,91,670	83,76,772	90,14,898	1,58,70,989	75,94,777	82,76,212
Under	88	3,32,82,514	1,59,78,960	1,73,03,554	1,74,02,729	83,80,970	90,21,759	1,58,79,785	75,97,990	82,81,795
Under	89	3,32,96,424	1,59,84,214	1,73,12,210	1,74,10,454	83,83,939	90,26,515	1,58,85,970	76,00,275	82,85,695
Under	90	3,33,22,988	1,59,92,730	1,73,30,258	1,74,25,732	83,89,028	90,36,704	1,58,97,256	76,03,702	82,93,554
Under	91	3,33,32,833	1,59,96,075	1,73,36,758	1,74,31,213	83,90,983	90,40,230	1,59,01,620	76,05,092	82,96,528
Under	92	3,33,39,016	1,59,98,344	1,73,40,672	1,74,34,672	83,92,298	90,42,374	1,59,04,344	76,06,046	82,98,298
Under	93	3,33,44,780	1,60,00,467	1,73,44,313	1,74,37,950	83,93,555	90,44,395	1,59,06,830	76,06,912	82,99,918
Under	94	3,33,49,354	1,60,02,181	1,73,47,173	1,74,40,652	83,94,614	90,46,038	1,59,08,702	76,07,567	83,01,135
Under	95	3,33,55,940	1,60,04,292	1,73,51,648	1,74,44,556	83,95,904	90,48,652	1,59,11,384	76,08,388	83,02,996
Under	96	3,33,59,974	1,60,05,711	1,73,54,263	1,74,46,954	83,96,768	90,50,186	1,59,13,020	76,08,943	83,04,077
Under	97	3,33,62,352	1,60,06,613	1,73,55,739	1,74,48,385	83,97,342	90,51,043	1,59,13,967	76,09,271	83,04,696
Under	98	3,33,64,735	1,60,07,450	1,73,57,285	1,74,49,815	83,97,860	90,51,955	1,59,14,920	76,09,590	83,05,330
Under	99	3,33,66,144	1,60,07,927	1,73,58,217	1,74,50,674	83,98,163	90,52,511	1,59,15,470	76,09,764	83,05,706
Under	100+	3,33,71,575	1,60,10,115	1,73,61,460	1,74,53,798	83,99,375	90,54,423	1,59,17,777	76,10,740	83,07,037
Age not stated		3,34,06,061	1,60,27,412	1,73,78,649	1,74,71,1356	84,08,054	90,63,081	1,59,34,926	76,19,358	83,15,568

**Table 1.27**

**Distribution of population, sex ratio, density and decadal growth rate of population : 2011**

Sl. No.	India/State/ Union Territory #	Total population			Sex ratio	Density	growth rate
		Persons	Males	Females			
	<b>INDIA</b>	<b>1,21,01,93,422</b>	<b>62,37,24,248</b>	<b>58,64,69,174</b>	<b>940</b>	<b>382</b>	<b>17.64</b>
1	Jammu & Kashmir	1,25,48,926	66,65,561	58,83,365	883	124	23.71
2	Himachal Pradesh	68,56,509	34,73,892	33,82,617	974	123	12.81
3	Punjab	2,77,04,236	1,46,34,819	1,30,69,417	893	550	13.73
4	Chandigarh #	10,54,686	5,80,282	4,74,404	818	9,252	17.1
5	Uttarakhand	1,01,16,752	51,54,178	49,62,574	963	189	19.17
6	Haryana	2,53,53,081	1,35,05,130	1,18,47,951	877	573	19.9
7	NCT of Delhi #	1,67,53,235	89,76,410	77,76,825	866	11,297	20.96
8	Rajasthan	6,86,21,012	3,56,20,086	3,30,00,926	926	201	21.44
9	Uttar Pradesh	19,95,81,477	10,45,96,415	9,49,85,062	908	828	20.09
10	Bihar	10,38,04,637	5,41,85,347	4,96,19,290	916	1,102	25.07
11	Sikkim	6,07,688	3,21,661	2,86,027	889	86	12.36
12	Arunachal Pradesh	13,82,611	7,20,232	6,62,379	920	17	25.92
13	Nagaland	19,80,602	10,25,707	9,54,895	931	119	-0.47
14	Manipur	27,21,756	13,69,764	13,51,992	987	122	18.65
15	Mizoram	10,91,014	5,52,339	5,38,675	975	52	22.78
16	Tripura	36,71,032	18,71,867	17,99,165	961	350	14.75
17	Meghalaya	29,64,007	14,92,668	14,71,339	986	132	27.82
18	Assam	3,11,69,272	1,59,54,927	1,52,14,345	954	397	16.93
19	West Bengal	9,13,47,736	4,69,27,389	4,44,20,347	947	1,029	13.93
20	Jharkhand	3,29,66,238	1,69,31,688	1,60,34,550	947	414	22.34
21	Orissa	4,19,47,358	2,12,01,678	2,07,45,680	978	269	13.97
22	Chhattisgarh	2,55,40,196	1,28,27,915	1,27,12,281	991	189	22.59
23	Madhya Pradesh	7,25,97,565	3,76,12,920	3,49,84,645	930	236	20.3
24	Gujarat	6,03,83,628	3,14,82,282	2,89,01,346	918	308	19.17
25	Daman & Diu #	2,42,911	1,50,100	92,811	618	2,169	53.54
26	Dadra & Nagar Haveli #	3,42,853	1,93,178	1,49,675	775	698	55.5
27	Maharashtra	11,23,72,972	5,83,61,397	5,40,11,575	925	365	15.99
28	Andhra Pradesh	8,46,65,533	4,25,09,881	4,21,55,652	992	308	11.1
29	Karnataka	6,11,30,704	3,10,57,742	3,00,72,962	968	319	15.67
30	Goa	14,57,723	7,40,711	7,17,012	968	394	8.17
31	Lakshadweep #	64,429	33,106	31,323	946	2,013	6.23
32	Kerala	3,33,87,677	1,60,21,290	1,73,66,387	1,084	859	4.86
33	Tamil Nadu	7,21,38,958	3,61,58,871	3,59,80,087	995	555	15.6
34	Puducherry #	12,44,464	6,10,485	6,33,979	1,038	2,598	27.72
35	Andaman & Nicobar #	3,79,944	2,02,330	1,77,614	878	46	6.68

## Chapter 2

## Vital Statistics

Table 2.1

### Health Indicators- Definitions

1	Crude Birth Rate( CBR)	= $\frac{\text{Number of Live birth during the year}}{\text{Mid-year population}} \times 1000$
2	General Fertility Rate(GFR)	= $\frac{\text{Number of live births in a year}}{\text{Mid-year female population in the age group (15-49) years}} \times 1000$
3	Age Specific Fertility Rate(ASFR)	= $\frac{\text{Number of live birth in a particular age group}}{\text{Mid-year female population of the same age group}} \times 1000$
4	Total Fertility Rate(TFR)	= $\frac{5 \times \sum_{15-19}^{45-49} \text{ASFR for female live births}}{1000}$
5	Gross Reproduction Rate(GDR)	= $\frac{5 \times \sum_{15-19}^{45-49} \text{ASFR for female live births}}{1000}$
6	Crude Death Rate(CDR)	= $\frac{\text{Number of deaths during the year}}{\text{Mid-year population}} \times 1000$
7	Infant Mortality Rate (IMR)	= $\frac{\text{Number of infant deaths during the year}}{\text{Number of live births during the year}} \times 1000$
8	Neo-Natal Mortality Rate(NMR)	= $\frac{\text{Number of infant deaths < than 29 days during the year}}{\text{Number of live births during the year}} \times 1000$
9	Early neo- natal mortality rate	= $\frac{\text{Number of infant deaths < than 7 days during the year}}{\text{Number of live births during the year}} \times 1000$
10	Late neo- natal mortality rate	= $\frac{\text{Number of infant deaths of 7 days to < than 29 days during the year}}{\text{Number of live births during the year}} \times 1000$
11	Post neo- natal mortality rate	= $\frac{\text{Number of infant deaths of 29 days to < than one year during the year}}{\text{Number of live births during the year}} \times 1000$

12	Peri - natal mortality rate	= $\frac{\text{Number of still births and infant deaths of } < \text{ than 7 days during the year}}{\text{Number of live births and still births during the year}}$	X1000
13	Still birth rate	= $\frac{\text{Number of still births during the year}}{\text{Number of live births and still births during the year}}$	X1000
14	Age Specific Mortality Rate(ASMR)	= $\frac{\text{Number of death in a particular age group}}{\text{Number of population of same age group}}$	X1000
15	Age specific Marital Fertility Rate(ASMFR)	= $\frac{\text{No. of live birth in a particular age group}}{\text{Mid year married female population of same age group}}$	X1000
16	General Marital Fertility Rate (GMFR)	= $\frac{\text{No. of live birth in a year}}{\text{Mid year married female population of same age group (15-49)}}$	X1000
17	Total Marital Fertility rate(TMFR)	= $\frac{5 \times \sum_{15-19}^{45-49} \text{ASMFR}}{1000}$	
18	Child Mortality Rate	= $\frac{\text{Number of Death of Children below the age of 5}}{\text{Total Population of children below the age of 5}}$	X 1000
19	Maternal Mortality Rate (MMR)	= $\frac{\text{Number of Deaths due to puerperal causes}}{\text{Number of Live Births}}$	X100000
20	% of Effective Couple Protection Rate	= $\frac{\text{Number of Coup[les Effectively Protected}}{\text{Total Number of Eligible Couples}}$	X100
21	Life Expectancy at Birth	= $\frac{\text{Total Person-years lived by the birth Cohort}}{\text{The size of birth Cohort}}$	X1000
22	Natural Growth Rate	= $\frac{(P_2 - P_1)}{(P_1 - P_2) \text{ Population at Successive Decennial Censuses}}$	X 100

**Table 2.2**

## Health Indicators

<b>Sl.No.</b>	<b>Indicator</b>	<b>Kerala</b>	<b>India</b>			
1	Birth Rate #	Rural	15.10	23.10		
		Urban	14.20	17.40		
		Total	14.90	21.60		
2	Death Rate #	Rural	7.00	7.60		
		Urban	6.50	5.60		
		Total	6.90	7.00		
		Rural	Male	8.40	8.30	
			Female	5.80	6.80	
		Urban	Male	7.70	6.10	
			Female	5.40	5.10	
		Total	Male	8.20	7.70	
			Female	5.70	6.40	
		3	Natural Growth Rate #	Rural	7.70	15.90
				Urban	8.10	12.20
Total	7.80			14.90		
4	Infant Mortality Rate #	Rural	13.00	46.00		
		Urban	9.00	28.00		
		Total	12.00	42.00		
		Rural	Male	11.00	45.00	
			Female	14.00	48.00	
		Urban	Male	8.00	26.00	
			Female	10.00	29.00	
		Total	Male	10.00	41.00	
			Female	13.00	44.00	
		5	Neo Natal Mortality Rate*	Rural	9.00	39.00
				Urban	3.00	21.00
Total	7.00			35.00		
6	Perinatal Mortality Rate*	Rural	15.00	39.00		
		Urban	5.00	22.00		
		Total	13.00	35.00		
7	Child Mortality Rate*	Rural	2.00	17.00		
		Urban	2.00	9.00		
		Total	2.00	15.00		
8	Under 5 mortality Rate*	Rural	14.00	76.00		
		Urban	12.00	43.00		
		Total	14.00	69.00		
9	Early Neo-natal Mortality Rate*	Rural	6.00	31.00		
		Urban	3.00	16.00		
		Total	5.00	27.00		
10	Late Neo-natal Mortality Rate*	Rural	3.00	9.00		
		Urban	0.00	5.00		
		Total	2.00	8.00		
11	Post Neo-natal Mortality Rate*	Rural	3.00	19.00		
		Urban	7.00	15.00		
		Total	4.00	18.00		

12	Death Rate*			
	(a) Children (0-4)	Rural	3.10	22.70
		Urban	2.70	13.50
		Total	3.10	20.70
	(b) Children (5-14)	Rural	0.30	1.10
		Urban	0.20	0.60
		Total	0.20	1.00
	(c) Children (15-49)	Rural	2.50	3.90
		Urban	2.50	3.30
		Total	2.50	3.70
	(d) persons (60 and above)	Rural	42.60	48.60
		Urban	40.20	41.00
		Total	42.10	46.60
	(e)Percentage of death receiving medical attention*			
		Government	38.00	17.40
		Private	33.40	12.10
		Qualified professional	12.20	37.90
		Untrained/oters	16.40	32.60
13	Still Birth Rate*	Rural	9.00	9.00
		Urban	2.00	7.00
		Total	7.00	8.00
14	Total Fertility Rate*	Rural	1.70	2.90
		Urban	1.70	2.00
		Total	1.70	2.60
15	General Fertility Rate*	Rural	52.10	96.90
		Urban	51.50	66.50
		Total	52.00	88.00
16	Total Marital Fertility Rate*	Rural	3.50	4.50
		Urban	3.50	3.90
		Total	3.50	4.30
17	Gross Reproduction Rate*	Rural	0.80	1.40
		Urban	0.80	0.90
		Total	0.80	1.20

Table 2.2 Continued

Sl.No.	Indicator		Kerala	India
18	Female age at effective marriage*			
	(a) Below 18	Rural	16.70	16.30
		Urban	16.70	16.30
		Total	16.70	16.30
	(b) 18-20	Rural	19.20	19.00
		Urban	19.40	19.20
		Total	19.20	19.00
	© Above 21	Rural	24.30	23.50
		Urban	24.60	24.40
		Total	24.40	23.90
	(d) All age	Rural	22.50	20.20
		Urban	23.20	22.10
		Total	24.40	20.70
19	Couple Protection Rate		62.30	52.00
20	Maternal Mortality Rate**		66.00	178.00
21	Expectancy of Life at Birth*	Male	71.40	62.60
		Female	76.30	64.20
	# SRS 2011			
	* SRS 2009			
	**Special Bulletin on MMR 2007-09			

**Chapter 3**

**Hospital Statistics**

<b>Table3.1</b>																
<b>Number of Allopathic Medical Institutions Under</b>																
<b>Department of Health Services</b>																
Sl.No.	District	General Hospital	District Hospitals	Speciality						TBC	Taluk Hospitals	CHC	24 X 7 PHC	PHC	Others	Total
				W&C	MHC	TB	LEP	Others	Total							
1	Thiruvananthapuram	2	2	2	1	2	0	0	5	0	6	23	7	64	10	119
2	Kollam	0	1	1	0	0	0	0	1	2	8	17	6	52	2	89
3	Pathanamthitta	2	1	0	0	0	0	0	0	1	4	12	5	38	1	64
4	Alappuzha	1	1	1	0	0	1	1	3	2	7	16	17	42	1	90
5	Kottayam	3	1	0	0	0	0	1	1	2	3	17	13	44	0	84
6	Idukki	0	1	0	0	0	0	0	0	1	4	14	11	31	2	64
7	Ernakulam	2	1	1	0	0	0	0	1	1	10	23	34	42	2	116
8	Thrissur	1	1	0	1	0	1	0	2	1	7	24	11	68	3	118
9	Palakkad	0	1	1	0	0	0	1	2	1	6	19	11	65	9	114
10	Malappuram	1	1	0	0	0	0	0	0	2	5	23	20	66	6	124
11	Kozhikode	1	1	1	1	0	1	0	3	1	6	16	7	57	0	92
12	Wayanad	1	1	0	0	0	0	0	0	1	2	9	8	14	7	43
13	Kannur	1	1	1	0	0	0	0	1	1	7	11	13	69	3	107
14	Kasragod	1	1	0	0	0	0	0	0	1	2	9	10	30	3	57
<b>Total</b>		<b>16</b>	<b>15</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>19</b>	<b>17</b>	<b>77</b>	<b>233</b>	<b>173</b>	<b>682</b>	<b>49</b>	<b>1281</b>

<b>Table 3.2</b>		
<b>Community Health Services</b>		
Primary Health Centres	874	
Sub Centres	5403	
Institutions Recognised for MTP	599	
Post Partum Centres	82	
Fisheries Hospital / Dispensary	6	
STD Clinics	45	
Blood Banks Govt.	33	
Blood Banks Cooperative	7	
Blood Banks Pvt.	130	
Blood Collection and Storage Units	55	
Blood Component Separation Units	36	
Grant-in-aid institutions	29	
<b>Other Institutions</b>		
ICDS Projects	132	
<b><u>Training Facilities and Intake</u></b>	<b><u>Number</u></b>	<b><u>Intake</u></b>
Government J.P.H.N Training School	4	180
Private J.P.H.N Training School	18	-
D.H.I Training at PH Training School	2	60
Private D.H.I Training School	16	480
Nursing Schools	15	385
Female Health Supervisors Schools	2	100
DMLT	1	-



Table3.3.1

**NUMBER OF ALLOPATHIC MEDICAL INSTITUTIONS UNDER DEPARTMENT OF HEALTH SERVICES (As per  
GO(Rt)No.86/2013/H & FWD dated. 14-03-2013)**

Sl. No	District	General Hospital				District Hospitals				Speciality																							
										W&CH				MHC				TB				LEP				Others				Total			
		R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed
1	Thiruvananthapuram	0	2	2	1183	0	2	2	562	0	2	2	428	0	1	1	507	0	2	2	508	0	0	0	0	0	0	0	0	0	5	5	1443
2	Kollam	0	0	0	0	0	1	1	537	0	1	1	273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	273	
3	Pathanamthitta	0	2	2	714	1	0	1	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	Alappuzha	0	1	1	400	0	1	1	247	0	1	1	308	0	0	0	0	0	0	0	1	0	1	767	1	0	1	0	2	1	3	1075	
5	Kottayam	1	2	3	690	0	1	1	374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	36	1	0	1	36	
6	Idukki	0	0	0	0	0	1	1	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	Ernakulam	0	2	2	1049	0	1	1	217	0	1	1	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	132	
8	Thrissur	0	1	1	240	0	1	1	117	0	0	0	0	0	1	1	361	0	0	0	0	1	0	1	660	0	0	0	0	1	1	2	1021
9	Palakkad	0	0	0	0	0	1	1	462	0	1	1	250	0	0	0	0	0	0	0	0	0	0	0	1	0	1	52	1	1	2	302	
10	Malappuram	0	1	1	554	0	1	1	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11	Kozhikode	0	1	1	550	0	1	1	210	0	1	1	295	0	1	1	474	0	0	0	0	0	1	1	263	0	0	0	0	0	3	3	1032
12	Wayanad	0	1	1	250	1	0	1	274	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	Kannur	0	1	1	541	0	1	1	616	0	1	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	100		
14	Kasragod	0	1	1	212	0	1	1	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Total</b>		<b>1</b>	<b>15</b>	<b>16</b>	<b>6383</b>	<b>2</b>	<b>13</b>	<b>15</b>	<b>4520</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>1786</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>1342</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>508</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1690</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>88</b>	<b>5</b>	<b>14</b>	<b>19</b>	<b>5414</b>

Table3.3.2																													
NUMBER OF ALLOPATHIC MEDICAL INSTITUTIONS UNDER DEPARTMENT OF HEALTH SERVICES (As per GO(Rt)No.86/2013/H & FWD dated. 14-03-2013)																													
Sl. No	District	TBC				Taluk Hospitals				CHC				24 X 7 PHC				PHC				Others				Grand Total			
		R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed	R	U	No.	Bed
1	Thiruvananthapuram	0	0	0	0	2	4	6	623	20	3	23	814	5	2	7	101	58	6	64	182	1	9	10	46	86	33	119	4954
2	Kollam	1	1	2	0	5	3	8	939	16	1	17	443	6	0	6	114	48	4	52	32	1	1	2	50	77	12	89	2388
3	Pathanamthitta	1	0	1	0	3	1	4	430	12	0	12	218	5	0	5	96	37	1	38	264	1	0	1	10	60	4	64	1942
4	Alappuzha	1	1	2	36	4	3	7	772	16	0	16	424	17	0	17	254	42	0	42	54	1	0	1	0	83	7	90	3262
5	Kottayam	1	1	2	48	2	1	3	389	17	0	17	609	13	0	13	316	44	0	44	62	0	0	0	0	79	5	84	2524
6	Idukki	1	0	1	0	3	1	4	527	14	0	14	302	11	0	11	164	31	0	31	122	1	1	2	0	61	3	64	1245
7	Ernakulam	0	1	1	40	2	8	10	1403	21	2	23	779	33	1	34	872	38	4	42	60	0	2	2	0	94	22	116	4552
8	Thrissur	0	1	1	0	2	5	7	907	23	1	24	806	11	0	11	166	64	4	68	262	2	1	3	0	103	15	118	3519
9	Palakkad	0	1	1	0	4	2	6	634	18	1	19	463	11	0	11	206	64	1	65	414	9	0	9	10	107	7	114	2491
10	Malappuram	0	2	2	52	2	3	5	717	23	0	23	536	20	0	20	312	66	0	66	174	5	1	6	36	116	8	124	2545
11	Kozhikode	0	1	1	0	4	2	6	432	16	0	16	334	7	0	7	94	55	2	57	80	0	0	0	0	82	10	92	2732
12	Wayanad	1	0	1	0	2	0	2	186	9	0	9	267	8	0	8	140	14	0	14	24	6	1	7	0	41	2	43	1141
13	Kannur	0	1	1	0	4	3	7	496	10	1	11	365	13	0	13	287	68	1	69	442	2	1	3	46	97	10	107	2893
14	Kasragod	0	1	1	0	2	0	2	90	9	0	9	229	10	0	10	168	30	0	30	0	2	1	3	0	53	4	57	1099
<b>Total</b>		<b>6</b>	<b>11</b>	<b>17</b>	<b>176</b>	<b>41</b>	<b>36</b>	<b>77</b>	<b>8545</b>	<b>224</b>	<b>9</b>	<b>233</b>	<b>6589</b>	<b>170</b>	<b>3</b>	<b>173</b>	<b>3290</b>	<b>659</b>	<b>23</b>	<b>682</b>	<b>2172</b>	<b>31</b>	<b>18</b>	<b>49</b>	<b>198</b>	<b>1139</b>	<b>142</b>	<b>1281</b>	<b>37287</b>

<b>Table 3.4</b>			
<b>Health Infrastructure in Kerala as on 31.03.2013</b>			
<b>Sl.No.</b>	<b>Institutions</b>	<b>Number</b>	<b>Beds</b>
	<b>Total Govt. Allopathic Institutions</b>	<b>1281</b>	<b>37287</b>
1	General Hospitals	16	6383
2	District Hospitals	15	4520
3	Speciality Hospital	19	5414
4	Taluk Hospital	77	8545
5	Community Health Centers	233	6589
6(a)	Primary Health Centers	682	2172
(b)	24X7 Primary Health Centers	173	3290
	<b>Total PHC (6a+7)</b>	<b>855</b>	<b>5462</b>
7	T.B. Centers/Clinics	17	176
8	Other Institutions	49	198
	<b>Speciality Hospital Category wise</b>		
1	W & C Hospitals	8	1786
2	Mental Health Center	3	1342
3	T.B.	2	508
4	Leprocy Hospital	3	1690
5	Others	3	88
	<b>Total</b>	<b>19</b>	<b>5414</b>
	<b>Other Institutions Category wise</b>		
1	Govt. Hospitals/Health Clinics	8	116
2	Mobile Units/Mobile Clinics	17	0
3	Government Dispensaries	24	82

<b>Table 3.5</b>		
<b>Details on Medical &amp; Paramedical Staff in Department of Health Services</b>		
<b>Sl. No</b>	<b>Category</b>	<b>No. of Posts</b>
<b>I. Medical</b>		
1	Director of Health Services	1
2	Addl. Director of Health Services	14
3	DD/DMO/Superintendent	46
4	Dy. DHS Dental	1
5	Assistant Director	119
6	Jr. Administrative medical Officer	21
7	Chief Consultant	18
8	Senior Consultant	56
9	Medical Consultant	611
10	Junior Medical Consultant	1017
11	Civil Surgeon	816
12	Dental Civil Surgeon	18
13	Assistant Surgeon	1671
14	Dental Asst. Surgeon	62
15	Dist. TB Officer	14
16	State Nutrition officer	1
17	RCH Officer	14
<b>Total</b>		<b>4500</b>
<b>II. Paramedical</b>		
1	Staff Nurse/Head Nurse	7924
2	Health Supervisor	168
3	Lady Health supervisor	157
4	Health Inspector	876
5	Lady Health Inspector	959
6	Junior Health Inspector	3615
7	Evaluation Assistants	5
8	Junior Public Health Nurse	5576
9	Other Para-Medical Staff	24861
<b>Total Staff(Medical &amp; Para Medical)</b>		<b>48641</b>

**Table 3.6****District Wise Number of Accredited Hospitals for Sterilisation And Genetic Clinics Registered Under PNDT Act as on March 2013**

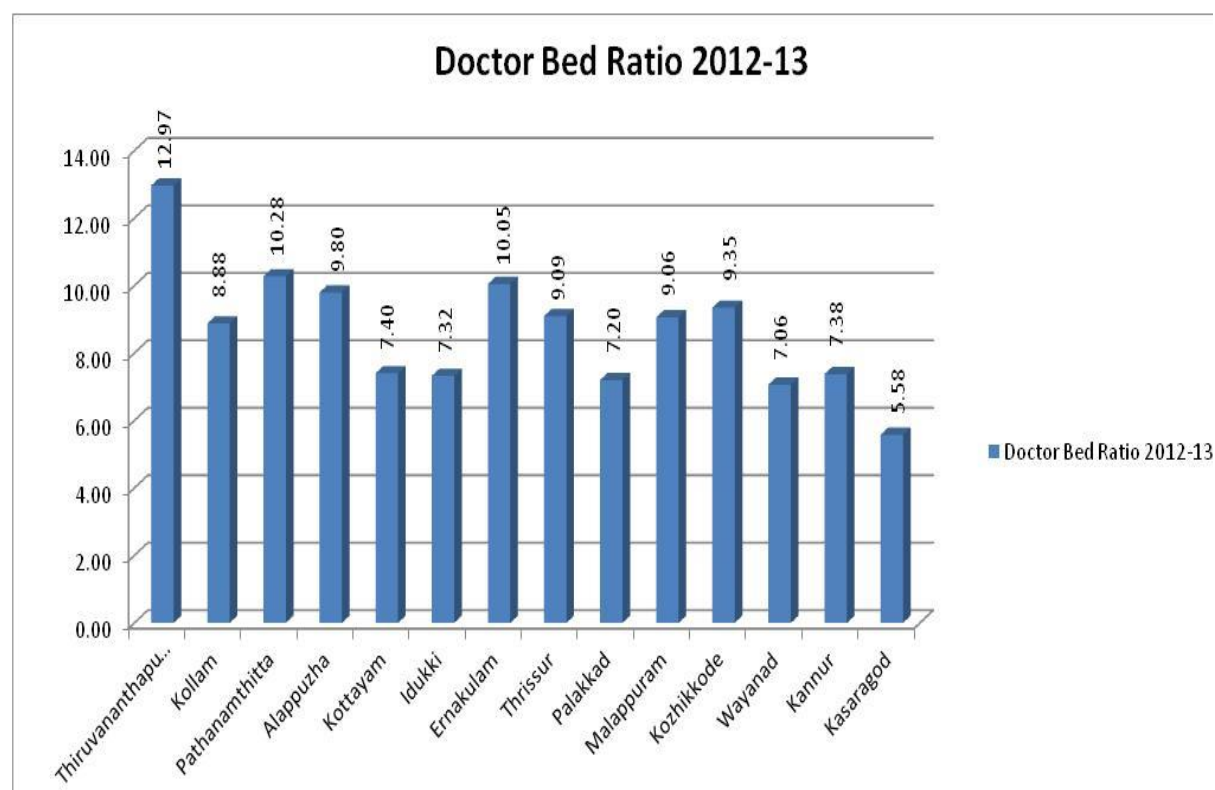
Sl. No	District	No. of Accredited Hospitals for Sterilisation			Genetic clinics registered under PNDT Act
		Govt.	Private	Total	
1	Thiruvananthapuram	11	35	46	191
2	Kollam	8	55	63	111
3	Pathanamthitta	4	16	20	45
4	Alappuzha	11	10	21	80
5	Kottayam	11	38	49	135
6	Idukki	9	22	31	36
7	Ernakulam	7	68	75	252
8	Thrissur	13	44	57	188
9	Palakkad	10	26	36	110
10	Malappuram	14	39	53	160
11	Kozhikkode	9	27	36	257
12	Wayanad	9	10	19	24
13	Kannur	10	51	61	101
14	Kasaragod	4	7	11	47
<b>State</b>		<b>130</b>	<b>448</b>	<b>578</b>	<b>1737</b>

<b>Table 3.7</b>			
<b>Major Health Facilities Under Health Services Department</b>			
<b>Sl.No.</b>	<b>Institution</b>	<b>Phone No.</b>	<b>No. of Beds</b>
<b>I</b>	<b>General Hospitals</b>		
1	Thiruvananthapuram	0471-2307874	747
2	Pathanamthitta	04682-222364	414
3	Adoor, Pathanamthitta	04734-223236	300
4	Alappuzha	0477-2253324	400
5	Palai	0482 212302	341
6	Kanhirapally	04828-202292	142
7	Changanassery	0481-2402329	207
8	Ernakulam	0484-2361251 0484-2381768	783
9	Moovattupuzha	0485-2832360	266
10	Trissur	0487-2427778	240
11	Panakkad Said Muhammaedali Shihab Thangal Smaraka Govt. General Hospital	0483-2766880	554
12	Kozhikkode	0495-2365367	550
13	Kalpetta, Wayanad	04936-202037	250
14	Thalassery, Kannur	0490-2322150	541
15	Kasaragod	04994-230080	212
<b>II</b>	<b>District Hospitals</b>		
1	Peroorkada, Thiruvananthapuram	0471-2432071	337
2	Neyyattinkara	0471-2221935	436
3	Nedumangad	0472-2802262	225
4	Kollam	0474-2742004 0474-2768667	537
5	Kozhancherry, Pathanamthitta	04682-214108	210
6	Mavelikkara	0479-2303394	247
7	Kottayam	0481-2563611	374
8	Idukki at Painavu	04862-232474 04862-232444	130
9	Aluva	0484-2629242	217
10	Vadakkanchery, Thrissur	04884-232221	117
11	Palakkad	0491-2533327	544
12	Thirur	0494-2423834	164
13	Vadakra	0496-2524259	210

**Table 3.7 continued**

Sl.No.	Institution	Phone No.	No. of Beds
14	Mananthavady, Wayanad	04935-240264	274
15	Kannur	0497-2732694	616
16	Kanhangad, Kasaragod	0467-2217018	400
<b>III</b>	<b>Speciality Hospitals</b>		
1	Mental Health Centre, Peroorkkada,Thiruvananthapuram	0471-2436508	507
2	Sanatorium for Chest diseases,Pulayanarkotta, Thiruvananthapuram	0471-2442041	508
3	W & CH Thycaud, Thiruvananthapuram	0471-2323457	428
4	District TB Centre, Thiruvananthapuram	0471-2464470	0
5	Govt. Ayurvedic Maternity Hospital, Thiruvananthapuram	0471-2340938	0
6	Victoria Hospital, Kollam (W & CH)	0474-2752700	273
7	W & CH ,Alappuzha	0477-2251151	308
8	Leprosy Sanatorium, Nooranadu, Alappuzha	0479-2382331	767
9	K.R. Narayanan Memorial Hospital, Uzhavoor, Kottayam	04829-2241045	36
10	W & CH Mattancherry, Ernakulam	0484-2224511	132
		0484-2225826	
11	Leprosy Hospital, Koratty, Thrissur	0480-2732035	660
12	Mental Health Centre, Thrissur	0487-2385981	361
13	W&CH, Palakkad	0491-2533327	250
14	Tribal specialty Hospital, Kottathara, Attappady, Palakkad	04924-254392	52
15	Institute of Chest Diseases, Kozhikkode	0495-2359645	100
16	Govt. Leprosy Hospital, Kozhikkode	0495-2355840	263
17	Mental Health Centre, Kozhikkode	0495-2740951	474
18	W & CH Kozhikkode	0495-2721998	295
19	E.K.Nayanar Memorial W&C Hospital,Kannur	0497-2784650	100

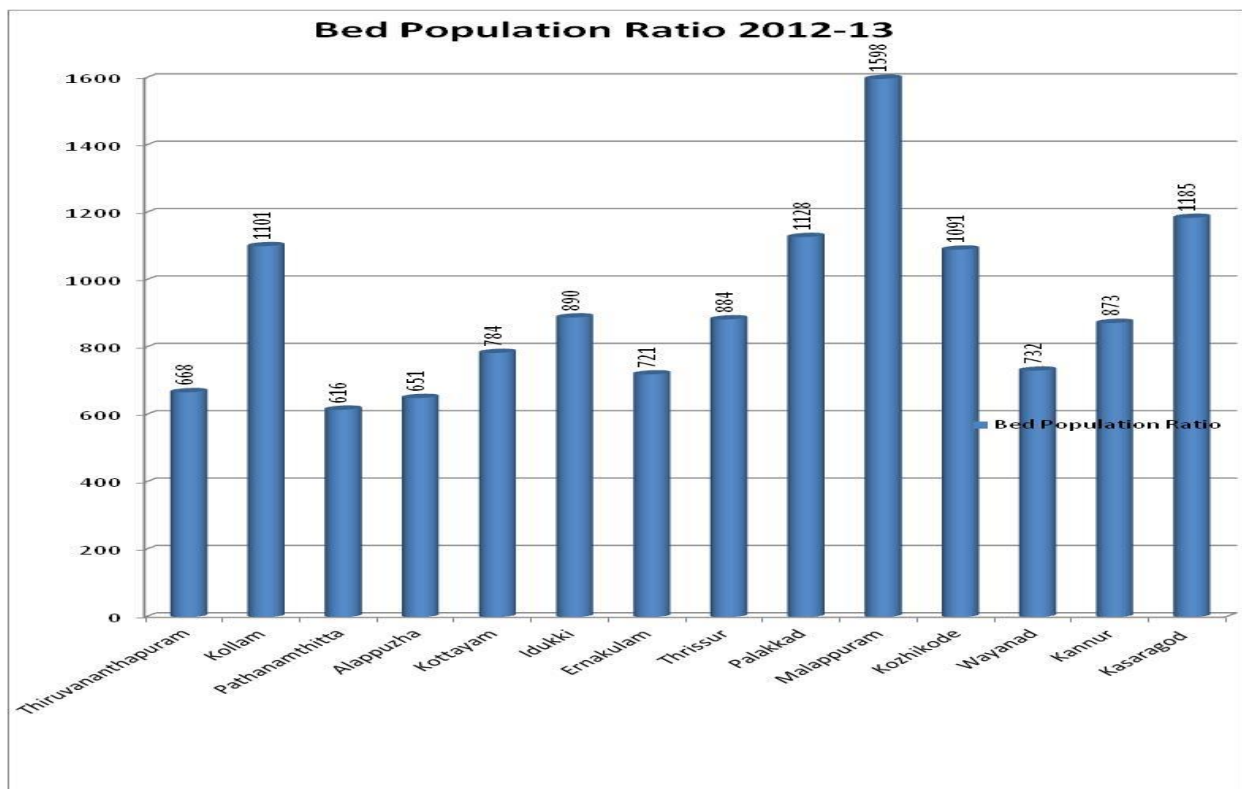
Table 3.8				
Doctor Bed Ratio (Government - Modern Medicine)				
SI No	District	No. of Bed	No. of Doctors	Doctor Bed Ratio 2013
1	Thiruvananthapuram	4954	598	8.28
2	Kollam	2388	333	7.17
3	Pathanamthitta	1942	254	7.65
4	Alappuzha	3262	367	8.89
5	Kottayam	2524	380	6.64
6	Idukki	1245	202	6.16
7	Ernakulam	4552	519	8.77
8	Thrissur	3519	438	8.03
9	Palakkad	2491	396	6.29
10	Malappuram	2545	423	6.02
11	Kozhikkode	2732	477	5.73
12	Wayanad	1141	124	9.20
13	Kannur	2893	410	7.06
14	Kasaragod	1099	200	5.50
<b>State</b>		<b>37287</b>	<b>5121</b>	<b>7.28</b>





**Table 3.9**  
**Bed Population Ratio**  
**Government Modern Medicine**

Sl.No.	District	Population( Census 2011)	No. of Beds	Ratio
1	Thiruvananthapuram	3307284	4954	668
2	Kollam	2629703	2388	1101
3	Pathanamthitta	1195537	1942	616
4	Alappuzha	2121943	3262	651
5	Kottayam	1979384	2524	784
6	Idukki	1107453	1245	890
7	Ernakulam	3279860	4552	721
8	Thrissur	3110327	3519	884
9	Palakkad	2810892	2491	1128
10	Malappuram	4110956	2545	1615
11	Kozhikode	3089543	2732	1131
12	Wayanad	816558	1141	716
13	Kannur	2525637	2893	873
14	Kasaragod	1302600	1099	1185
	<b>State</b>	<b>33387677</b>	<b>37287</b>	<b>895</b>



**Table 3.10**  
**Details of IP & OP Kerala**  
**1997-98 TO 2012-13**

Year	In patients				Out patients			
	Male	Female	Children	Total	Male	Female	Children	Total
1997-98	432845	634076	247757	1314678	8463801	12862793	6415131	27741725
1998-99	399796	584728	251757	1236281	8854951	13187800	7274345	29317096
1999-00	540504	648864	238803	1428171	10483086	14718086	7112929	32314101
2000-01	494146	704759	238462	1437367	11135343	15548348	8460119	35143810
2001-02	497144	658821	243677	1399642	11687537	16151304	8132723	35971564
2002-03	458680	638976	260576	1358232	11789259	16484868	8736392	37010519
2003-04	464772	657011	263298	1385081	12683483	17850843	9462991	39997317
2004-05	473519	685513	272997	1432029	13003570	18213161	10123474	41340205
2005-06	616642	830064	441909	1888615	14041870	19829689	10796623	44668182
2006-07	581204	761293	315649	1658146	14195840	19399542	10267686	43863068
2007-08	530786	709265	291362	1531413	16872714	23451653	11089784	51414151
2008-09	519271	652945	233284	1405500	15996593	23875691	10896987	50769271
2009-10	601765	748140	276486	1626391	16355531	24022186	10733317	51111034
2010-11	807147	1080618	578424	2466189	20846261	29311001	16115975	66273237
2011-12	889682	1205454	786003	2881139	20073221	29126312	14655238	63854971
2012-13	1010564	1361843	723627	3096034	24243213	35227604	154377163	74907980

DHS data

## Chapter 4

## Health Statistics

Table 4.1.1

*Family Welfare achievement***State Performance of Deliveries (2011-2012)**

Sl.No.	District	No of Home delivery	No. of Deliveries conucted in Public institutions	No. of Deliveries conucted in Private institutions	Total Delivery	No. of Caesarean Deliveries conucted in Public institutions	No. of Caesarean Deliveries conucted in Private institutions	Total Caesarean Delivery
1	Alappuzha	5	10001	10162	20168	4513	5314	9827
2	Ernakulam	27	6526	32417	38970	4683	17252	21935
3	Idukki	79	3361	10288	13728	1474	5176	6650
4	Kannur	25	11104	35785	46914	5511	11587	17098
5	Kasaragod	50	3441	17849	21340	777	4077	4854
6	Kollam	36	9062	22356	31454	5515	13151	18666
7	Kottayam	4	8704	17117	25825	3540	8261	11801
8	Kozhikkode	20	22639	32251	54910	7042	12015	19057
9	Malappuram	233	14707	73422	88362	4273	19411	23684
10	Palakkad	173	7405	30795	38373	2388	9401	11789
11	Pathanamthitta	24	3983	11436	15443	2173	6768	8941
12	Thiruvananthapuram	18	23493	18901	42412	8652	8558	17210
13	Thrissur	18	5452	37610	43080	2599	18467	21066
14	Wayanad	318	6063	8174	14555	1321	2187	3508
15	<b>KERALA</b>	<b>1030</b>	<b>135941</b>	<b>358563</b>	<b>495534</b>	<b>54461</b>	<b>141625</b>	<b>196086</b>

<b>Table 4.1.2</b>								
<b><i>Family Welfare achievement</i></b>								
<b>State Performance of Deliveries (2012-2013)</b>								
<b>Sl.No.</b>	<b>District</b>	<b>No of Home delivery</b>	<b>No. of Deliveries conucted in Public institutions</b>	<b>NO. OF Deliveries conucted in Private institutions</b>	<b>Total Delivery</b>	<b>NO. OF Caesarean Deliveries conucted in Public institutions</b>	<b>NO. OF Caesarean Deliveries conucted in Private institutions</b>	<b>Total Caesarean Delivery</b>
1	Alappuzha	8	10130	10328	20466	4640	5300	9940
2	Ernakulam	20	7560	32114	39694	3835	17292	21127
3	Idukki	73	3492	10538	14103	1449	5194	6643
4	Kannur	36	11030	27807	38873	5534	14329	19863
5	Kasaragod	28	3298	18531	21857	778	4315	5093
6	Kollam	34	10300	24610	34944	4770	12366	17136
7	Kottayam	8	8395	17632	26035	3779	8295	12074
8	Kozhikkode	21	24264	33568	57853	7322	11760	19082
9	Malappuram	199	14858	73631	88688	4312	20472	24784
10	Palakkad	188	8107	31977	40272	2416	9106	11522
11	Pathanamthitta	12	3935	11607	15554	1892	6692	8584
12	Thiruvananthapur	32	23840	18171	42043	8814	8874	17688
13	Thrissur	14	5457	41394	46865	2543	16714	19257
14	Wayanad	314	6012	8489	14815	1433	2385	3818
15	<b>KERALA</b>	<b>987</b>	<b>140678</b>	<b>360397</b>	<b>502062</b>	<b>53517</b>	<b>143094</b>	<b>196611</b>

<b>Table 4.2.1</b>					
<b>Family Welfare Achievement</b>					
<b>Achievement of Family Welfare Technique Wise Performance-(2011-2012)</b>					
<b>DISTRICT</b>	<b>CONTRACEPTIVES</b>				
	<b>IUD INSERTIONS</b>			<b>CONDOMS DISTRI- BUTED</b>	<b>ORAL PILLS CYCLES/DISTRI- BUTED</b>
	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Public</b>
Alappuzha	2884	182	3066	269689	5086
Eranakulam	3152	886	4038	706173	23360
Idukki	2665	132	2797	280934	5254
Kannur	4825	292	5117	211888	2632
Kasargod	3072	334	3406	313752	11747
Kollam	2928	441	3369	206324	3581
Kottayam	4750	220	4970	360714	7704
Kozhikode	4260	479	4739	562858	6721
Malapuram	4106	2667	6773	230327	2766
Palakkad	4887	964	5851	387769	7194
Pathanamthitta	1997	230	2227	215378	4045
Thiruvananthapuram	3234	843	4077	839319	15848
Thrissur	3953	1019	4972	470011	18232
Wayanad	1376	382	1758	186584	2621
<b>Kerala</b>	<b>48089</b>	<b>9071</b>	<b>57160</b>	<b>5241720</b>	<b>116791</b>

<b>Table 4.2.2</b>					
<b>Family Welfare Achievement</b>					
<b>Achievement of Family Welfare Technique Wise Performance-(2012-2013)</b>					
<b>DISTRICT</b>	<b>CONTRACEPTIVES</b>				
	<b>IUD INSERTIONS</b>			<b>CONDOMS DISTRI-BUTED</b>	<b>ORAL PILLS CYCLES/DISTRI-BUTED</b>
	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Public</b>
<b>Alappuzha</b>	2925	184	3109	390369	4818
<b>Eranakulam</b>	3000	872	3872	800627	17967
<b>Idukki</b>	2668	156	2824	313853	5655
<b>Kannur</b>	4543	133	4676	471740	4182
<b>Kasargod</b>	2826	385	3211	266738	7193
<b>Kollam</b>	3030	419	3449	295709	3940
<b>Kottayam</b>	4419	287	4706	412158	6308
<b>Kozhikode</b>	4709	674	5383	589370	3884
<b>Malapuram</b>	4126	2576	6702	439092	3519
<b>Palakkad</b>	4952	818	5770	501704	6922
<b>Pathanamthitta</b>	1782	252	2034	111180	2013
<b>Thiruvananthapuram</b>	3121	678	3799	912634	14482
<b>Thrissur</b>	3781	1318	5099	449432	17478
<b>Wayanad</b>	1622	248	1870	276250	4166
<b>Kerala</b>	<b>47504</b>	<b>9000</b>	<b>56504</b>	<b>6230856</b>	<b>102527</b>

<b>Table 4.3.1</b>																
<b>Family Welfare Achievement</b>																
<b>Achievement of Family Welfare Technique Wise Performance-(2011-2012)</b>																
<b>DISTRICT</b>	<b>STERILIZATION DETAILS</b>															
	<b>NSV/CONVENTIONAL VASAC-TOMY</b>			<b>POST PARTUM STERILIZATION</b>			<b>MINI LAP</b>			<b>LAPORO-SCOPY</b>			<b>TOTAL STERILIZATION</b>			
	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	
<b>Alappuzha</b>	127	4	131	1898	2383	4281	162	93	255	494	43	537	2681	2523	5204	
<b>Eranakulam</b>	271	26	297	2569	4534	7103	28	156	184	708	769	1477	3576	5485	9061	
<b>Idukki</b>	187	0	187	1102	1718	2820	42	57	99	532	73	605	1863	1848	3711	
<b>Kannur</b>	165	20	185	3485	3688	7173	76	99	175	744	567	1311	4470	4374	8844	
<b>Kasargod</b>	132	0	132	704	920	1624	4	46	50	900	232	1132	1740	1198	2938	
<b>Kollam</b>	219	0	219	3810	4401	8211	146	170	316	303	193	496	4478	4764	9242	
<b>Kottayam</b>	307	0	307	2069	1567	3636	49	33	82	881	376	1257	3306	1976	5282	
<b>Kozhikode</b>	40	0	40	4378	2994	7372	311	66	377	841	204	1045	5570	3264	8834	
<b>Malapuram</b>	78	1	79	3554	5724	9278	234	97	331	388	1154	1542	4254	6976	11230	
<b>Palakkad</b>	73	0	73	2534	4994	7528	82	270	352	1688	521	2209	4377	5785	10162	
<b>Pathanamthitta</b>	72	0	72	1044	1547	2591	84	120	204	326	229	555	1526	1896	3422	
<b>Thiruvananthapuram</b>	73	0	73	4843	2451	7294	167	162	329	3726	933	4659	8809	3546	12355	
<b>Thrissur</b>	119	0	119	2081	3896	5977	115	202	317	883	811	1694	3198	4909	8107	
<b>Wayanad</b>	64	0	64	1370	1114	2484	45	81	126	124	2	126	1603	1197	2800	
<b>Kerala</b>	<b>1927</b>	<b>51</b>	<b>1978</b>	<b>35441</b>	<b>41931</b>	<b>77372</b>	<b>1545</b>	<b>1652</b>	<b>3197</b>	<b>12538</b>	<b>6107</b>	<b>18645</b>	<b>51451</b>	<b>49741</b>	<b>101192</b>	

<b>Table 4.3.2</b>															
<b>Family Welfare Achievement</b>															
<b>Achievement of Family Welfare Technique Wise Performance-(2012-2013)</b>															
<b>DISTRICT</b>	<b>STERILIZATION DETAILS</b>														
	<b>NSV/CONVENTIONAL VASACTOMY</b>			<b>POST PARTUM STERILISATION</b>			<b>MINI LAP</b>			<b>LAPOROSCOPY</b>			<b>TOTAL STERILIZATION</b>		
	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>	<b>Public</b>	<b>Private</b>	<b>Total</b>
Alappuzha	342	4	346	2281	2031	4312	147	87	234	680	58	738	3450	2180	5630
Eranakulam	270	19	289	2207	4326	6533	26	196	222	972	874	1846	3475	5415	8890
Idukki	138	0	138	1076	1569	2645	30	42	72	537	58	595	1781	1669	3450
Kannur	170	3	173	3596	3902	7498	54	188	242	717	407	1124	4537	4500	9037
Kasargod	101	0	101	549	827	1376	3	20	23	915	226	1141	1568	1073	2641
Kollam	138	0	138	3579	5398	8977	141	176	317	161	255	416	4019	5829	9848
Kottayam	234	0	234	2311	1330	3641	18	87	105	854	448	1302	3417	1865	5282
Kozhikode	78	32	110	4200	3448	7648	324	190	514	1149	340	1489	5751	4010	9761
Malapuram	60	0	60	3570	5491	9061	171	105	276	673	1014	1687	4474	6610	11084
Palakkad	42	0	42	2345	4044	6389	42	259	301	1596	589	2185	4025	4892	8917
Pathanamthitta	41	0	41	1102	1575	2677	62	80	142	329	235	564	1534	1890	3424
Thiruvananthapuram	126	3	129	4806	2271	7077	197	258	455	3461	792	4253	8590	3324	11914
Thrissur	173	2	175	2031	4128	6159	88	244	332	1265	786	2051	3557	5160	8717
Wayanad	137	0	137	1408	1028	2436	75	31	106	85	10	95	1705	1069	2774
<b>Kerala</b>	<b>2050</b>	<b>63</b>	<b>2113</b>	<b>35061</b>	<b>41368</b>	<b>76429</b>	<b>1378</b>	<b>1963</b>	<b>3341</b>	<b>13394</b>	<b>6092</b>	<b>19486</b>	<b>51883</b>	<b>49486</b>	<b>101369</b>



**Table 4.3.3**

***Family Welfare achievement***

***Achievement on Immunisation 2011-12***

District	BCG	DPT1	Pentavalent - 1	DPT2	Pentavalent - 2	DPT3	Pentavalent - 3	OPV 0 (Birth Dose)	OPV1	OPV2	OPV3	Hepatitis-B0	Hepatitis-B1	Hepatitis-B2	Hepatitis-B3	Measles
Alappuzha	20400	20104	7010	21718	4917	22216	3202	19943	26266	25805	25523	6548	19344	20411	21866	25084
Eranakulam	39981	34727	10008	36205	8967	37862	6752	39690	43964	44807	44261	11198	34651	36284	37740	41190
Idukki	14776	15895	3914	16123	2957	16433	1778	14790	18812	18681	17991	5081	15838	15905	16191	14580
Kannur	46667	34302	12727	36272	9303	39913	6180	45085	45182	43987	44887	7548	36031	35790	39446	42844
Kasargod	22821	18195	7226	20426	4876	22017	2628	17958	25055	24987	24430	2774	18177	20867	22032	23877
Kollam	35406	29989	8152	31284	6716	31971	4866	35409	37687	37709	36287	8135	27674	28821	29563	35969
Kottayam	26907	23721	5728	23453	4618	24742	3216	26601	28078	27244	27467	5199	21741	21984	22776	26401
Kozhikode	57791	45119	15578	45323	12108	46849	8652	54028	58637	55697	54099	15405	44563	45391	46954	48047
Malapuram	89249	62726	24250	67225	15614	69835	7985	65979	76794	73015	69081	12071	58575	63202	65491	67114
Palakkad	40275	34431	10813	38116	8517	39742	5273	36966	43601	45425	43703	6941	26142	31662	35049	43799
Pathanamthitta	16112	11351	4140	12003	3191	12701	2368	16112	15171	15130	14983	7137	10998	11346	12006	15006
Thiruvananthapuram	43698	35648	10133	38643	7701	40552	5438	42930	44314	45641	45336	18734	33997	36488	38551	45100
Thrissur	51450	39136	10164	39025	9087	40635	7506	49184	46698	46280	46607	13939	39685	39321	39980	42908
Wayanad	15030	11440	3797	12584	2422	13163	1291	13292	14773	14669	14002	5308	11306	12497	13050	13370
<b>Kerala</b>	<b>520563</b>	<b>416784</b>	<b>133640</b>	<b>438400</b>	<b>100994</b>	<b>458631</b>	<b>67135</b>	<b>477967</b>	<b>525032</b>	<b>519077</b>	<b>508657</b>	<b>126018</b>	<b>398722</b>	<b>419969</b>	<b>440695</b>	<b>485289</b>

Source HMIS Reports

**Table 4.3.4**

***Family Welfare achievement***

***Achievement on Immunisation 2012-13***

District	BCG	DPT1	Pentavalent - 1	DPT2	Pentavalent - 2	DPT3	Pentavalent - 3	0 (Birth I	OPV1	OPV2	OPV3	Hepatitis-B0	Hepatitis-B1	Hepatitis-B2	Hepatitis-B3	Measles
Alappuzha	21464	767	26467	487	25785	374	25081	21302	26751	25658	26290	10516	636	674	715	25720
Eranakulam	39573	1994	40412	1771	41114	1625	40851	39216	42174	42822	42357	22875	2222	1834	1764	42284
Idukki	13999	563	16670	389	16110	474	15430	13820	16738	16289	15776	6157	685	452	564	14797
Kannur	48553	377	47532	726	46351	1155	47278	46871	46591	45941	47864	21996	555	638	1265	46332
Kasargod	22832	1725	24081	1631	24258	1871	23496	19622	25589	25666	25185	5022	1724	1592	1833	24672
Kollam	31745	3198	34484	2727	35688	2492	35611	31745	36246	37373	37035	16812	8188	6275	6004	36478
Kottayam	26998	2029	23018	1592	23616	1615	22762	26472	24767	24486	24205	10197	2507	2094	2071	25288
Kozhikode	54994	2982	53679	2311	52992	2738	53379	51577	55190	54612	55228	23623	1943	1674	2169	52074
Malapuram	89271	3947	84387	3567	81196	5050	75955	67108	79824	76041	72283	24760	3454	3008	4550	75384
Palakkad	39496	1218	40558	1860	43694	2647	42373	33868.5	39481	42685	42057	11354	1168	1641	2588	45832
Pathanamthitta	16047	5	17120	23	16594	103	16385	16006	17041	16528	16421	13495	125	137	207	16172
Thiruvananthapuram	42732	1863	42061	1747	41061	1780	40532	41842	43658	43005	41953	30214	2597	2346	2495	44472
Thrissur	45354	1549	43811	1242	43600	1480	43423	42932	43973	43952	43852	21817	2372	1482	1578	43839
Wayanad	14463	1115	14119	1212	13791	1630	13385	13069	14450	14534	14614	9784	896	989	1317	13919
<b>Kerala</b>	<b>507521</b>	<b>23332</b>	<b>508399</b>	<b>21285</b>	<b>505850</b>	<b>25034</b>	<b>495941</b>	<b>465451</b>	<b>512473</b>	<b>509592</b>	<b>505120</b>	<b>228622</b>	<b>29072</b>	<b>24836</b>	<b>29120</b>	<b>507263</b>

**Table 4.3.5**

**Family Welfare Achievement**

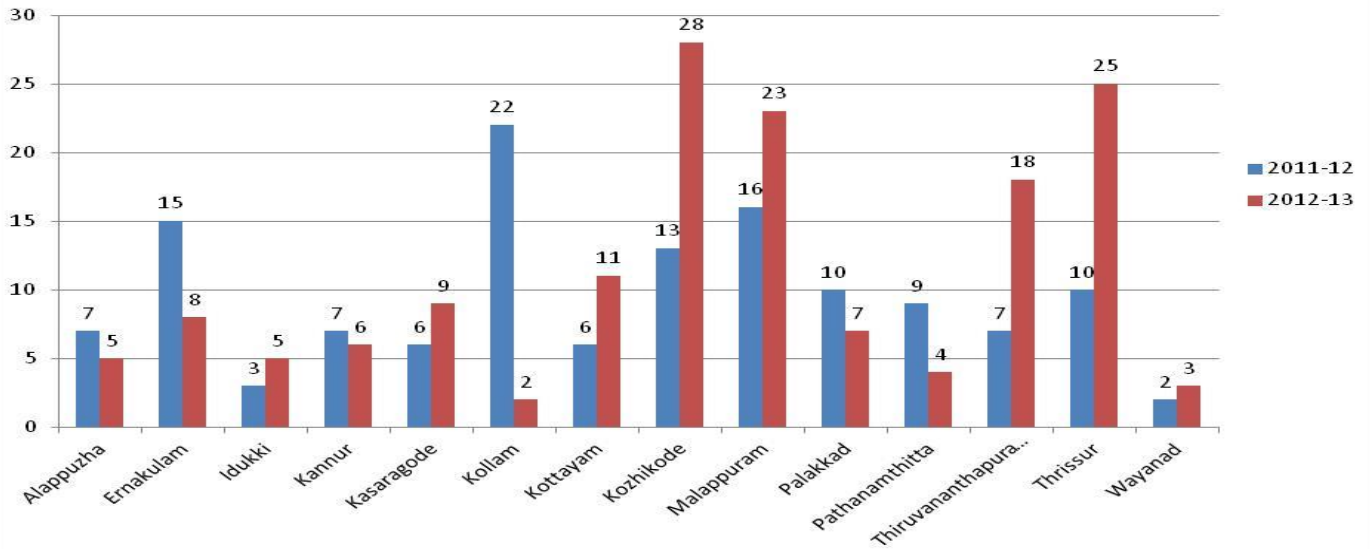
District	2011-12			2012-13		
	Total Number of pregnant women Registered for ANC	TT1 Given to Pregnant Women	TT2 or Booster Given to Pregnant Women	Total Number of pregnant women Registered for ANC	TT1 Given to Pregnant Women	TT2 or Booster Given to Pregnant Women
Alappuzha	25871	26678	25450	26043	24993	21596
Eranakulam	44204	32106	29981	39262	33646	33207
Idukki	16435	16703	15657	15190	15095	13860
Kannur	45253	36275	37080	44083	39855	41823
Kasargod	23680	22758	23046	24891	23843	23838
Kollam	38451	32247	29978	37629	29784	26780
Kottayam	23885	22925	22591	22303	18930	18678
Kozhikode	52794	44719	46607	51897	46797	46827
Malapuram	90270	88852	83568	94478	77721	73694
Palakkad	46146	38647	38463	45911	37150	36282
Pathanamthitta	14928	14520	15458	14426	14917	14829
Thiruvananthapuram	48186	39368	38064	39538	37035	34326
Thrissur	48959	34080	33724	43175	29626	27580
Wayanad	15182	12041	11292	15172	12120	11581
<b>Kerala</b>	<b>534244</b>	<b>461919</b>	<b>450959</b>	<b>513998</b>	<b>441512</b>	<b>424901</b>

**Table 4.4**

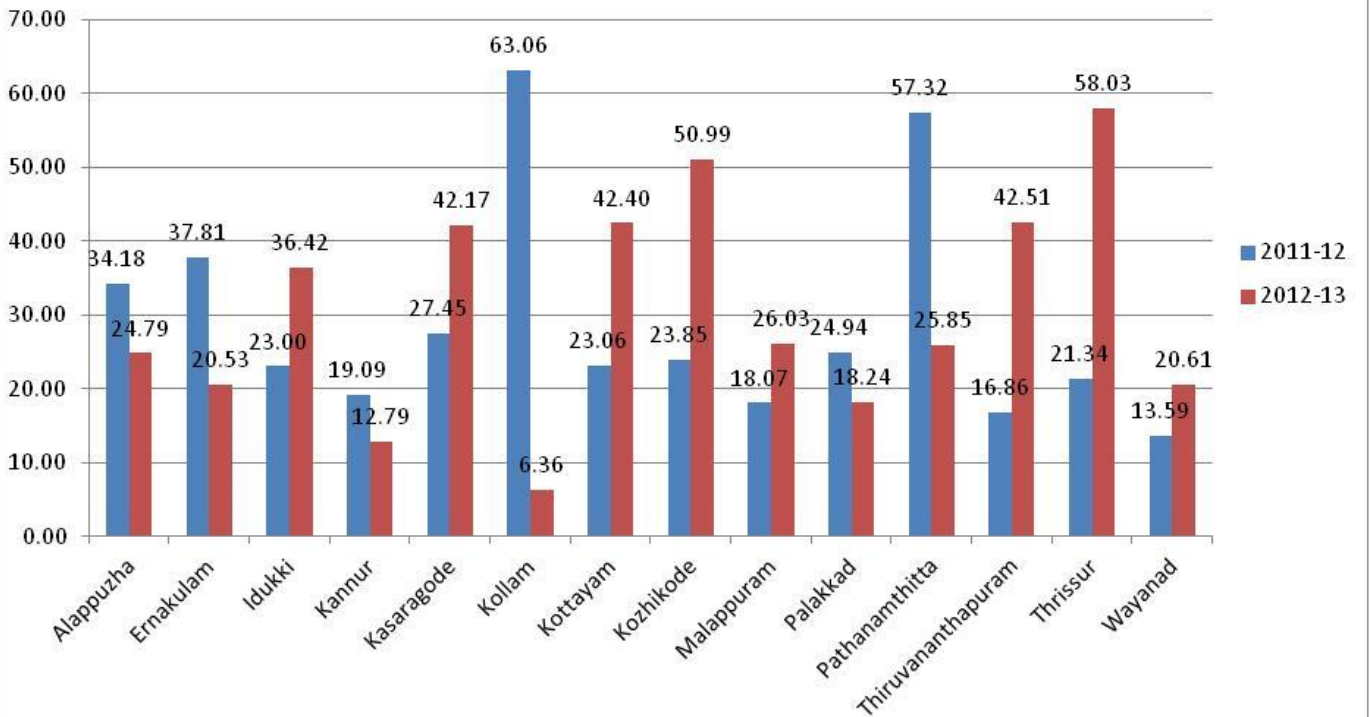
<b>District Wise Deliveries , Maternal Death and MMR*</b>							
<b>2011-12 &amp; 2012-13</b>							
<b>Sl.No</b>	<b>District</b>	<b>Deliveries</b>		<b>Maternal Death</b>		<b>MMR</b>	
		<b>2011-12</b>	<b>2012-13</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2011-12</b>	<b>2012-13</b>
<b>1</b>	<b>Alappuzha</b>	20479	20168	7	5	34	25
<b>2</b>	<b>Ernakulam</b>	39677	38969	15	8	38	21
<b>3</b>	<b>Idukki</b>	14027	13729	3	5	23	36
<b>4</b>	<b>Kannur</b>	36661	46914	7	6	19	13
<b>5</b>	<b>Kasaragode</b>	21857	21340	6	9	27	42
<b>6</b>	<b>Kollam</b>	34886	31459	22	2	63	6
<b>7</b>	<b>Kottayam</b>	26016	25941	6	11	23	42
<b>8</b>	<b>Kozhikode</b>	54505	54910	13	28	24	51
<b>9</b>	<b>Malappuram</b>	88522	88361	16	23	18	26
<b>10</b>	<b>Palakkad</b>	40103	38373	10	7	25	18
<b>11</b>	<b>Pathanamthitta</b>	15701	15473	9	4	57	26
<b>12</b>	<b>Thiruvananthapuram</b>	41529	42341	7	18	17	43
<b>13</b>	<b>Thrissur</b>	46853	43080	10	25	21	58
<b>14</b>	<b>Wayanad</b>	14712	14555	2	3	14	21
<b>State</b>		<b>495528</b>	<b>495613</b>	<b>133</b>	<b>154</b>	<b>27</b>	<b>31</b>

\* DHS data

## Maternal Death 2011-12, 2012-13



## Maternal Mortality Ratio 2011-12, 2012-13



**Table 4.5****District Wise Maternal Death 2000-2001 TO 2012-13**

Sl. No.	Districts	2000-'01	2001-'02	2002-'03	2003-'04	2004-'05	2005-'06	2006-'07	2007-'08	2008-'09	2009-'10	2010-'11	2011-'12	2012-'13
1	Alappuzha	6	5	6	8	5	5	7	6	7	7	3	7	5
2	Ernakulam	17	12	6	12	7	12	8	9	15	21	22	15	8
3	Idukki	5	1	8	7	7	11	3	10	3	7	10	3	5
4	Kannur	17	19	8	8	9	12	7	7	9	12	12	7	6
5	Kasaragod	13	12	9	8	6	8	5	5	11	8	6	6	9
6	Kollam	13	18	16	21	11	15	9	6	13	16	23	22	2
7	Kottayam	9	17	5	8	5	11	6	6	10	11	8	6	11
8	Kozhikkode	34	25	28	26	13	13	13	29	15	4	16	13	28
9	Malappuram	34	25	32	16	22	30	30	37	35	31	23	16	23
10	Palakkad	25	35	20	19	20	22	24	31	21	16	23	10	7
11	Pathanamthitta	10	9	1	2	6	5	2	5	4	5	5	9	4
12	Thiruvananthapuram	32	28	19	25	6	11	20	7	11	15	19	7	18
13	Thrissur	10	8	16	8	15	8	6	11	17	16	14	10	25
14	Wayanad	16	13	17	6	8	9	7	3	8	7	6	2	3
<b>State</b>		<b>241</b>	<b>227</b>	<b>191</b>	<b>174</b>	<b>140</b>	<b>172</b>	<b>147</b>	<b>172</b>	<b>179</b>	<b>176</b>	<b>190</b>	<b>133</b>	<b>154</b>

Table 4.6

### Public Institution Delivery Points in Kerala - 2013

District	Sl.No	Name of Institution
TvpM	1	Taluk Hospital Fort
	2	District Hospital Nedumangadu
	3	Govt.Ayurvedic Maternity Hospital For Women & Children Poojappura (AHW & C)
	4	General Hospital Neyyattinkara
	5	Women & Children's Hospital ,Thycadu
	6	Kanyakulangara CHC
	7	Taluk Hospital Parassala
	8	District Model Hospital Peroorkada
	9	Vithura CHC
	10	Taluk Hospital Chirayinkeezhu
	11	SAT Hospital Thiruvananthapuram
	12	CHC Vizhinham
	13	CHC Kesavapuram
	14	CHC Pullvila
	15	Taluk Hospital Varkala
KIm	16	Victoria Hospital, Kollam
	17	THQH Punalur
	18	THQH Kadakkal
	19	THQH.Kottarakkara
	20	THQH.Karunagappally
PTA	21	THQH Tiruvalla
	22	Dist. Hosp. Kozhencherry
	23	GH Adoor
	24	General Hosp. Pathanamthitta
	25	THQH Ranni
	26	Vechoochira CHC
ALP	27	DH Mavelikkara
	28	W & C Hospital, Alappuzha
	29	THQH Chenganoor
	30	THQH Cherthala
	31	THQH Kayamkulam
	32	TH Chettikkad
	33	MCH, Alappuzha
	34	THQH Haripad
IDK	35	THQH Adimaly
	36	THQH Thodupuzha
	37	DH Idukki
	38	THQH Nedumkandom
	39	Vandiperiyar CHC

**Table 4.6 Contd.**

<b>KTM</b>	40	THQH Vaikom
	41	General Hospital Kanjirappally
	42	General Hospital Changanassery
	43	Medical College Hospital
	44	General Hospital Pala
	45	District Hospital Kottayam
<b>EKM</b>	46	THQH Kochi
	47	THQH Perumbavoor
	48	GH Ernakulam
	49	THQH Kothamangalam
	50	THQH Tripunitura
	51	General Hospital Muvatupuzha
	52	District Hospital Aluva
	53	W & C Mattanchery
<b>TSR</b>	54	THQH N.Paravur
	55	THQH Kodungallur
	56	General Hospital THRISSUR
	57	Medical College Hospital, Thrissur
	58	TH Kunnankulam
	59	District Hospital Wadakanchery
	60	THQH Irinjalakuda
	61	THQH Chalakudy
<b>PKD</b>	62	THQH Chavakkad
	63	THQH Pattambi
	64	THQH Mannarakad
	65	THQH Chittur
	66	THQH Alathur
	67	THQH Ottapalam
	68	Agali CHC
	69	Govt. Tribal Speciality Hospital, Kottathara
	70	CHC Kuzhalmannam
	71	CHC Kozhinampara
	72	W & C Hospital, Palakkad
<b>MLPM</b>	73	THQH Nilambur
	74	Edavanna CHC
	75	THQH Malappuram
	76	Tanur CHC
	77	District Hospital Tirur
	78	Panakkad Said Muhammadali Shihab Thangal Smaraka Govt. General Hospital, Manjeri
	79	THQH Perinthalmanna
	80	THQH Ponnani
	81	THQH Thiruurangadi
	82	CHC Arecode
	83	CHC Edappally
	84	CHC Vengara
	85	Kondotty CHC



**Table 4.6 Contd.**

<b>KKD</b>	86	Taluk Hospital, Kuttiady
	87	IMCH Kozhikode
	88	THQH,Koyilandy
	89	District Hospital, Vatakara
	90	Narikkunni CHC
	91	General Hospital,Kozhikode
	92	Mukkom CHC
	93	W&C Hospital, Kozhikode
	94	Tauk Hospital Thamarassery
	95	Tauk Hospital Perambra
<b>WYD</b>	96	DH Mananthavady
	97	General Hospital,Kalpetta
	98	Pulpally CHC
	99	THQH Vythiri
	100	Meenangady CHC
	101	THQH SulthanBathery
<b>KNR</b>	102	THQH Peravoor
	103	GH Thalassery
	104	W & C hospital mangattuparamba
	105	THQH Payyannur
	106	DH Kannur
	107	THQH Taliparamba
	108	CHC Pappinissery
	109	CHC Mayyil
	110	THQH Kuthuparamba
<b>KSD</b>	111	DH Kanhangad
	112	TH Neeleswaram
	113	GH Kasaragod
	114	Mangalapady CHC

<b>TABLE 4.7</b>			
<b>SPECIAL NEWBORN CARE UNITS</b>			
<b>SI No</b>	<b>District</b>	<b>No of units</b>	<b>SNCU</b>
<b>1</b>	<b>Alappuzha</b>	<b>1</b>	Women & Children Hospital, Alappuzha
		<b>2</b>	Medical College Hospital, Alappuzha
<b>2</b>	<b>Ernakulam</b>	<b>1</b>	General Hospital, Ernakulam
<b>3</b>	<b>Idukki</b>	<b>0</b>	-
<b>4</b>	<b>Kannur</b>	<b>1</b>	District Hospital, Kannur
<b>5</b>	<b>Kasaragode</b>	<b>0</b>	
<b>6</b>	<b>Kollam</b>	<b>1</b>	Victoria Hospital, Kollam
<b>7</b>	<b>Kottayam</b>	<b>1</b>	Medical College, Kottayam
		<b>2</b>	General Hospital, Kottayam
<b>8</b>	<b>Kozhikode</b>	<b>1</b>	Women & Children Hospital, Kozhikode
<b>9</b>	<b>Malappuram</b>	<b>1</b>	General Hospital, Manjery
<b>10</b>	<b>Palakkad</b>	<b>1</b>	Women & Children Hospital,
<b>11</b>	<b>Pathanamthitta</b>	<b>0</b>	
<b>12</b>	<b>Thiruvananthapuram</b>	<b>1</b>	S A T Hospital
		<b>2</b>	Women & Children Hospital
<b>13</b>	<b>Thrissur</b>	<b>1</b>	General Hospital, Thrissur
<b>14</b>	<b>Wayanad</b>	<b>0</b>	-

**TABLE 4.8****NEW BORN STABILIZATION UNIT**

<b>SI No</b>	<b>District</b>	<b>No of units</b>	<b>NBSU</b>
<b>1</b>	<b>Alappuzha</b>	<b>1</b>	Taluk Head Quarters Hospital, Cherthala
		<b>2</b>	Taluk Head Quarters Hospital, Harippad
		<b>3</b>	Taluk Head Quarters Hospital, Kayamkulam
		<b>4</b>	Taluk Head Quarters Hospital, Chengannur
		<b>5</b>	District Hospital, Mavelikkara
<b>2</b>	<b>Ernakulam</b>	<b>1</b>	District Hospital, Aluva
		<b>2</b>	* Taluk Head Quarters Hospital, North Paravoor
		<b>3</b>	*Taluk Head Quarters Hospital, Perumbavoor
		<b>4</b>	*General Hospital, Moovattupuzha.
		<b>5</b>	*Taluk Head Quarters Hospital, Kothamangalam
		<b>6</b>	*Women & Children Hospital, Mattanchery
<b>3</b>	<b>Idukki</b>	<b>1</b>	Taluk Head Quarters Hospital, Nedumkandam
		<b>2</b>	Taluk Head Quarters Hospital, Thodupuzha
		<b>3</b>	Taluk Head Quarters Hospital, Adimali
<b>4</b>	<b>Kannur</b>	<b>1</b>	Taluk Hospital, Payyannur
		<b>2</b>	General Hospital, Thalassery
		<b>3</b>	Taluk Head Quarters Hospital, Thaliparamba
		<b>4</b>	Taluk Hospital, Koothuparamba
<b>5</b>	<b>Kasaragode</b>	<b>1</b>	District Hospital, Kanhangad
		<b>2</b>	General Hospital, Kasaragod
<b>6</b>	<b>Kollam</b>	<b>1</b>	Taluk Head Quarters Hospital, Kadakkal
		<b>2</b>	Taluk Head Quarters Hospital, Punalur
		<b>3</b>	Taluk Head Quarters Hospital, Kottarakkara
<b>7</b>	<b>Kottayam</b>	<b>1</b>	General Hospital, Changanassery
		<b>2</b>	General Hospital, Pala
		<b>3</b>	General Hospital, Kanhirapally
		<b>4</b>	Taluk Head Quarters Hospital, Vaikom
<b>8</b>	<b>Kozhikode</b>	<b>1</b>	Taluk Hospital, Kuttiadi
		<b>2</b>	Taluk Head Quarters Hospital, Koyilandy
		<b>3</b>	District Hospital, Vadakara

**Table 4.8 Contd.**

<b>9</b>	<b>Malappuram</b>	<b>1</b>	District Hospital, Tirur
		<b>2</b>	Taluk Head Quarters Hospital, Nilambur
		<b>3</b>	Taluk Head Quarters Hospital, Ponnani
		<b>4</b>	Taluk Head Quarters Hospital, Tirurangadi
		<b>5</b>	Taluk Head Quarters Hospital, Malappuram
		<b>6</b>	Taluk Head Quarters Hospital, Perinthalmanna
<b>10</b>	<b>Palakkad</b>	<b>1</b>	Taluk Head Quarters Hospital, Alathur
		<b>2</b>	Taluk Head Quarters Hospital, Ottappalam
<b>11</b>	<b>Pathanamthitta</b>	<b>1</b>	District Hospital, Kozhanchery
		<b>2</b>	General Hospital, Adoor
		<b>3</b>	General Hospital, Pathanamthitta
<b>12</b>	<b>Thiruvananthapuram</b>	<b>1</b>	District Hospital, Nedumangadu
		<b>2</b>	Taluk Head Quarters Hospital, Chirayinkeezhu
		<b>3</b>	General Hospital, Neyyattinkara
		<b>4</b>	Taluk Hospital, Parassala
		<b>5</b>	District Model Hospital, Peroorkkada
	<b>Thrissur</b>	<b>1</b>	Taluk Head Quarters Hospital, Chalakkudy
		<b>2</b>	*Taluk Head Quarters Hospital, Kodungallur
		<b>3</b>	*District Hospital, Vadakkanchery
<b>14</b>	<b>Wayanad</b>	<b>1</b>	Taluk Head Quarters Hospital, Sulthanbathery
		<b>2</b>	District Hospital, Mananthavady

\* Work in progress

**TABLE 4.9****DIALYSIS UNITS**

<b>SI No</b>	<b>District</b>	<b>No of units</b>	<b>Dialysis units</b>	
1	Alappuzha	1	Taluk Head Quarters Hospital, Harippad	
2	Ernakulam	1	General Hospital, Eranakulam	
		2	District Hospital, Aluva	
3	Idukki	1	Taluk Head Quarters Hospital, Thodupuzha	
4	Kannur	1	District Hospital, Kannur	
5	Kasaragode	1	General Hospital, Kasaragod	
6	Kollam	1	District Hospital, Kollam	
7	Kottayam	1	Medical College, Kottayam	
		2	General Hospital, Kottayam	
8	Kozhikode	1	District Hospital, Vadakara	
9	Malappuram	1	District Hospital, Tirur	
		2	Taluk Head Quarters Hospital, Nilambur	
10	Palakkad	1	District Hospital, Palakkad	
		2	Taluk Head Quarters Hospital, Ottappalam	
11	Pathanamthitta	1	District Hospital, Kozhanchery	
12	Thiruvananthapuram	1	General Hospital, Thiruvananthapuram	
		Mobile Units	1	Taluk Head Quarters Hospital, Chirayinkeezhu
			2	Taluk Head Quarters Hospital, Nedumangadu
			3	CHC Kanyakulangara
13	Thrissur	1	General Hospital, Thrissur	
14	Wayanad	1	District Hospital, Mananthavady	

<b>Table 4.10</b>			
<b>Prevalence Rate of Diseases 2012-13</b>			
<b>Sl. No.</b>	<b>Name of the Disease</b>	<b>Case in 2012</b>	<b>Prevalence Rate(Per 1000 population) 2012-13</b>
1	Leprosy	832	0.24
2	Filarial	356	0.04
3	Malaria	2036	0.062
4	Pulmonary Tuberculosis	16629	0.49
	Total TB Cases	25942	0.77
5	Acute Diarrhoeal Diseases	357252	10.60
6	Pneumonia	14864	0.45
7	Enteric Fever	2849	0.08
8	Measles	1094	0.032
9	Acute Respiratory Infection	5685603	170.29
10	Chickenpox	13975	0.41
11	Viral Hepatitis - A	6305	0.19
12	AIDS(2009)	4006	0.12
<b>Vaccine Preventable Childhood Diseases</b>			
1	Neo-Natal Tetanus/Tetanus		
2	Diphtheria		
3	Whooping cough		
4	Poliomyelitis		
5	Childhood Tuberculosis		
6	Measles		
7	Hepatitis B		1578
8	Japanese Encephalitis (suspect)		41

Table 4.11

**Performance of RNTCP - Kerala State - 1997 to 2012**

<b>Year</b>	<b>Total Cases</b>	<b>Total Annualized case detection rate/lakh population</b>	<b>Smear Positive Cases</b>	<b>Annualized New Smear Positive Case notification rate</b>	<b>Cure Rate %</b>
1997	499	41.6	313	26	85
1998	2854	55	1224	24	83
1999	9247	56	4070	25	86
2000	15885	73.5	6846	31.7	86
2001	23136	72	9698	30.8	89
2002	23916	75.5	10040	31	88
2003	24875	77.7	10861	34	89
2004	25428	80	11095	34	88
2005	24979	76	11092	34	85
2006	25246	77	10705	33	82
2007	24397	81	10915	33	81
2008	24935	73	11045	32	82
2009	27118	78	11626	33	83
2010	27019	78	11592	34	81
2011	26121	75	14662	31	82
2012	25917	77	15182	33	82

**Table 4.12**  
**RNTCP - District TB Centres**

Sl.No	District	TB Unit/ 5 lakh Population	Phone No.
1	District TB Centre, Thiruvananthapuram 0471- 2464470	Thiruvananthapuram,DTC	
2		Nemom THQH	0471-2390276
3		Peroorkada, DH	0471-2432071
4		Puthenthope CHC	0471-2750023
5		Chirayinkeezhu THQH	0470-2646565
6		Neyyattinkara THQH	0471-221935
7		Nedumangadu THQH	0472-2802262
8	District TB Centre, Kollam 0474 - 2748985	Karunagapally, Chest disease Hospital	
9		Kottarakkara THQH	0474-2452610
10		Punalur THQH	0475-2228702
11		Nedungolam TH	0474-2512324
12		Kollam DTC	
13	District TB Centre, Pathanamthitta 0468 - 2310890	Adoor General Hospital	04734-223236
14		Thiruvalla THQH	04692-602494
15		Ranni THQH	04735-227274
16	District TB Centre, Alappuzha 0477 - 2252861	Cherthala THQH	0478-2812693
17		Mavelikkara DH	0479-2303394
18		Karuvatta TB Clinic	9846014874
19		Alappuzha DTC	0477-2252861
20	District TB Centre, Kottayam 04481 - 2303965	Vaikom THQH	04829-221261
21		Kanhirapally THQH	04828-202292
22		Kottayam DTC	
23		Changanassery THQH	0481-2402329
24		Pala, Gen. Hospital	04829-212302
25	District TB Centre, Idukki, 0486 - 2233157	Thodupuzha, THQH	
26		Vandenmedu CHC	04868-277302
27		Adimaly THQH	04864-22670
28		Painavu DH	04862-232474
29	District TB Centre, Ernakulam 0484 - 2225491	Ernakulam DTC	
30		Kochi THQH	0484-2216444
31		Kothamangalam THQH	0485-2822603
32		Perumbavoor THQH	0484-2523138
33		Moovattupuzha THQH	0485-2832360
34		Aluva DH	0484-2629242
35		North Paravur THQH	0484-244235



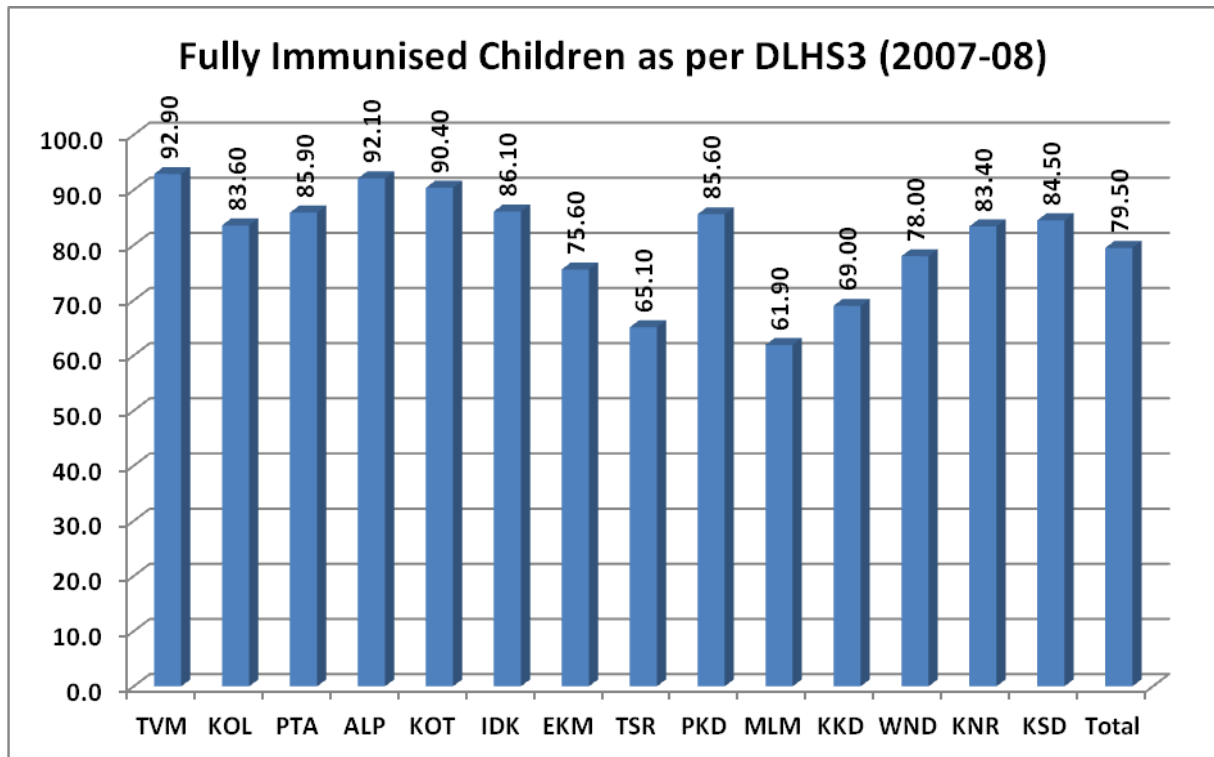
36	District TB Centre, Thrissur 0487 - 2428886	Thrissur DTC	
37		Vadakkanchery TH	04884-232221
38		Chavakkad TH	0487-2501110
39		Kodungallur THQH	0480-2802394
40		Chalakkudy THQH	0480-2701823
41		Irinhalakuda THQH	0480-28/25213
42	District TB Centre, Palakkad 0491 - 2529545	Pattambi TH	0466-221379
43		Ottapalam THQH	0466-2244480
44		Mannarkkad THQH	04924-222380
45		Chittoor THQH	04923-222385
46		Alathur THQH	04922-222322
47		Palakkad DTC	
48	District TB Centre, Malappuram 0483 - 2761064	Malappuram DTC	
49		Valanchery PHC	0494-2646374
50		Vengara CHC	0494-2457242
51		Ponnani THQH	0494-2666039
52		Kondotty THQH	0496-2620241
53		Perinthalmanna THQH	04933-227279
54		GH Tirur	
55		Chungathara CHC	04931-231550
56	District TB Centre, Kozhikode 0495 - 2740951	Kozhikode DTC	
57		Mukkom CHC	0495-2297260
58		Balussry CHC	0496-2642150
59		Koyilandi THQH	0496-2620241
60		Vadakara DH	0496-2524259
61		Kozhikode Medical College	
62	District TB Centre, Wayanad 0493 - 5244149	Wayanad DTC	
63		Kalpetta GH	04936-202037
64		Sulthan Bathery THQH	04936-221444
65	District TB Centre, Kannur 0497 - 2733491	Kannur DTC	
66		Payyannur TH	0498-5205716
67		Iritty TH	0490-2493180
68		Koothuparambu TH	0490-2364150
69		Thalassery GH	0490-2322150
70		Thaliparamba THQH	0460-2203298
71	District TB Centre, Kasargode 0499 - 4222480	Kasaragode DTC	
72		Panathady CHC	0467-2224737
73		Kanhangadu DH	0467-2217018

**Chapter 5****Survey Details**

<b>Table 5.1</b>		
<b>Indicators As Per District Level Household Survey III, National Family Health Survey III &amp; Coverage Evaluation Survey</b>		
<b>District Level Household Survey III (2007-08)</b>		
<b>Sl. No.</b>	<b>Indicators</b>	<b>Value (%)</b>
1	Couple Protection Rate( Any Method)	62.3
2	Total Unmet need for Family Planning	16.8
3	Mothers who received any ANC Checkups	99.8
4	Mothers who received ANC in first Trimester	95.6
5	Mothers who received 3 or more ANC	95.3
6	Institutional Delivery	99.4
7	Mothers who received Post natal care within Two weeks of delivery	99.4
8	Children fully Immunised 12-23 months	79.5
9	Children 12-23 not received any vaccination	0.5
10	Children under 3 years breast fed within one hour of birth	65.3

**Table 5.2**  
**Fully Immunised Children as per DLHS3 (2007-08)**

Sl.No.	District	Fully Immunised
1	Thiruvananthapuram	92.9
2	Kollam	83.6
3	Pathanamthitta	85.9
4	Alappuzha	92.1
5	Kottayam	90.4
6	Idukki	86.1
7	Ernakulam	75.6
8	Thrissur	65.1
9	Palakkad	85.6
10	Malappuram	61.9
11	Kozhikode	69
12	Wayanad	78
13	Kannur	83.4
14	Kasaragod	84.5
	<b>Total</b>	79.5



**Table-5.3**  
**Key Indicators-DLHS II & III**

Indicators	Kerala						India					
	DLHS-3 (2007-08)			DLHS-2 (2002-04)			DLHS-3 (2007-08)			DLHS-2 (2002-04)		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
Mean age at marriage for boys	28.3	28.1	28.9	28	27.7	28.7	24	23.4	25.5	24.5	23.9	26
Mean age at marriage for girls	22.1	22	22.6	21.8	21.6	22.5	19.8	19.2	21.2	19.4	18.8	21
Boys married below age 21(%)	1.2	1.4	0.7	2.1	2.1	2.1	23.4	28.4	12.6	21.1	25.5	9.7
Girls married below age 18(%)	6.8	7.5	4.3	7.1	8.8	2.2	22.1	26.9	11	28.5	34.5	13
Currently married women age 20-24 who were married before age 18 (%)	15.5	16.5	11.7	NA	NA	NA	42.9	48	29.4	NA	NA	NA
Women age 20-24 reporting birth of order 2 & above <sup>3</sup>	28.2	29.7	23.2	32.7	NA	NA	48.4	50.4	42.7	58.6	NA	NA
Women with two children wanting no more children (%)	63.2	61.8	67.9	46.4	41.8	59.5	65.2	59	75.8	NA	NA	NA
Mean children ever born to women age 40-44 years	2.4	2.4	2.3	2.6	2.6	2.4	3.9	4.2	3.4	4	NA	NA
<b>Current use of family planning methods</b>												
Any method (%)	62.3	63.3	59.1	68.6	68.7	68.2	54	51.1	60.2	52.5	48.8	61.9
Female sterilization (%)	46.1	47.2	42.4	46.1	47	43.6	34	34.1	34.6	34.3	34.1	34.7
Male sterilization (%)	0.4	0.4	0.4	1	0.8	1.4	1	1	0.7	0.9	0.9	0.9
Pill (%)	0.4	0.5	0.3	0.4	0.4	0.5	4.2	4.1	4.4	3.5	3	4.7
IUD (%)	2	2	2	2.8	2.8	2.9	1.9	1.4	2.9	1.8	1.1	3.7
Condom (%)	4.2	4.2	4.1	4.2	3.5	6.1	5.9	3.8	10.6	4.6	2.8	9.3

**Table 5.4**  
**Key Indicators-DLHS II & III**

Indicators	Kerala						India					
	DLHS-3 (2007-08)			DLHS-2 (2002-04)			DLHS-3 (2007-08)			DLHS-2 (2002-04)		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
<b>Unmet need for family planning</b>												
Total unmet need (%)	16.8	16.3	18.7	15.1	14.9	15.7	21.3	22.8	18.2	21.4	23.2	16.8
<b>Antenatal care</b>												
Mothers who received any antenatal check-up (%)	99.8	99.8	100	99.7	99.6	99.8	75.2	70.6	87.1	73.6	67.5	89.3
Mothers who had antenatal check-up in first trimester (%)	95.6	95.5	96.1	89	87.6	93.1	45	38.5	61.8	40.4	33.3	58.7
Mothers who had three or more ANC (%)	95.3	95.2	95.4	96.5	96.2	97.5	49.8	44.1	69.1	50.4	41.9	72.1
Mothers who had at least one tetanus toxoid injection (%)	98.5	98.4	99.1	95.3	95.2	95.5	73.4	68.7	85.6	80.2	76.6	89.6
Mothers whose Blood Pressure (BP) taken (%)	98.5	98.6	98.1	97.8	98.5	97.8	45.7	38	65.8	57.7	50.2	77.1
Mothers who consumed 100 IFA Tablets (%)	74.3	74.6	73.3	74.1	74.5	72.9	46.6	47.3	45	20.5	16.9	29.6
Mothers who had full antenatal check-up (%)	72.3	72.5	71.4	69.5	69.9	68.5	18.8	14.7	29.4	16.5	12.8	25.9
<b>Delivery care</b>												
Institutional delivery (%)	99.4	99.3	99.9	97.6	97.1	99	47	37.9	70.5	40.9	29.8	69.4
Delivery at home (%)	0.6	0.7	0.1	2.1	2.6	0.7	52.3	61.3	29	58.6	69.8	29.8
Mothers who received post-natal care within two weeks of delivery (%)	99.4	99.3	99.9	NA	NA	NA	49.7	41.7	69.7	NA	NA	NA
Mothers who received financial assistance for delivery under JSY (%)	15.3	17.6	6.9	NA	NA	NA	13.3	13.6	12.5	NA	NA	NA

**Table 5.5**  
**Key Indicators-DLHS II & III**

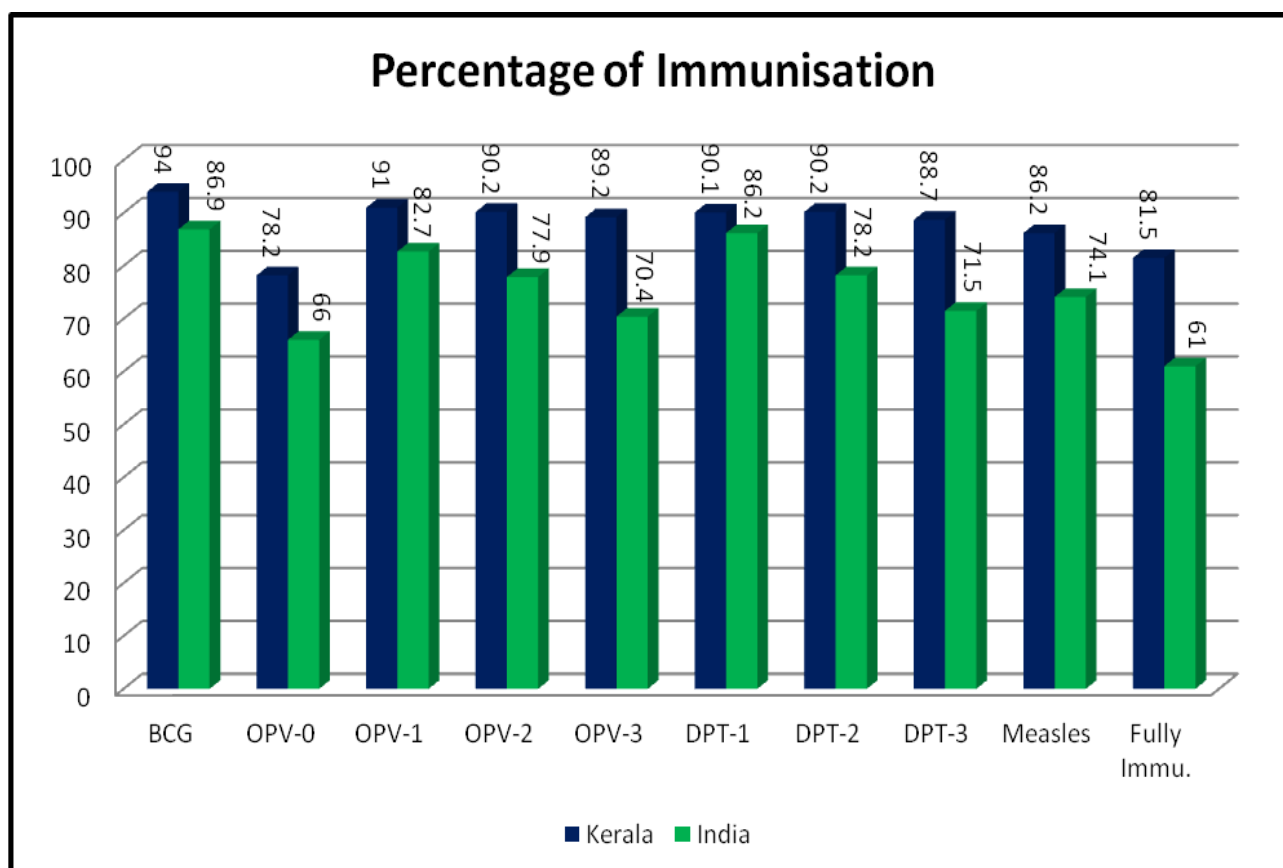
Indicators	Kerala						India					
	DLHS-3 (2007-08)			DLHS-2 (2002-04)			DLHS-3 (2007-08)			DLHS-2 (2002-04)		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
<b>Child Immunization</b>												
Children 12-23 months fully immunized (%)	79.5	80.3	76.9	78.5	77.5	81.4	54	50.4	63.1	45.9	40	61.1
Children 12-23 months not received any vaccination (%)	0.5	0.6	0.5	0.7	0.8	0.3	4.5	5.2	2.9	19.8	23.6	10
Children 12-23 months who have received BCG vaccine (%)	99.1	99	99.5	98.1	97.5	99.7	86.7	85.2	90.4	75	70.3	87.2
Children 12-23 months who have received 3 doses of DPT vaccine (%)	87.1	87.4	85.6	89.4	89.3	89.7	63.5	60.1	72.2	58.3	52.3	73.6
Children 12-23 months who have received 3 doses of polio vaccine (%)	86.6	86.4	87.1	88.9	88.2	90.8	66	63.1	73.7	57.3	51.4	72.4
Children 12-23 months who have received measles vaccine (%)	87.9	88.1	87.1	87.9	87.5	88.9	69.5	66.5	77.5	56.1	50.2	71.2
Children (age 9 months and above) received at least one dose of vitamin A	60.3	60.4	59.8	58.8	59.1	58	54.5	52	61.1	31.1	28.2	38.7
<b>Child feeding practices (based on last-born children) (%)</b>												
Children under 3 years breastfed within one hour of birth	65.3	66.9	59.8	72.7	74.8	66.7	40.5	39.8	42.5	27.8	25.1	34.7
Children age 0-5 months exclusively breastfed	69.1	68	72.7	NA	NA	NA	46.8	48.1	43.2	NA	NA	NA
Children age 6-35 months exclusively breastfed for at least 6 months	22.3	23.5	18.2	22	NA	NA	25.5	26.2	23.7	22.7	NA	NA

**Table 5.6**  
**Coverage Evaluation Survey (2009)**  
**Pregnancy and Delivery**

Sl. No.	Indicators	Kerala			India		
		Rural	Urban	Total	Rural	Urban	Total
<b>Pregnancy</b>							
1	Received at least one ANC during last pregnancy	92.5	91.3	97.4	87.7	94.4	89.6
2	Received more than 4 ANC during last pregnancy	90.6	88.7	90.1	46.3	70.6	53.1
3	Pregnant women received TT two or more dozes	89.1	92.7	90	85.9	89.4	86.9
4	Pregnant women received 100 IFA	87	98.2	96.8	37.5	45.8	40.6
<b>Deliveries</b>							
(i)	Institutional	100	99.7	99.4	68	85.6	72.9
(ii)	Government	50.4	46.3	49.3	47.7	45.1	47
(iii)	Private Institutions	49.6	53.4	50.6	20.3	40.5	25.9
6	Breast fed within one hour of birth	61.8	63.9	66	34	32.3	33.5

**Table 5.7**  
**Coverage Evaluation Survey (2009)**  
**Child Immunisation Status**

Sl. No.	Indicators	Kerala			India		
		Rural	Urban	Total	Rural	Urban	Total
1	BCG	94	96	94	86	89.2	86.9
2	OPV-0	81.9	67.3	78.2	63.3	73.2	66
3	OPV-1	90.7	92.1	91	81.3	86.3	82.7
4	OPV-2	89.7	91.6	90.2	76.1	82.4	77.9
5	OPV-3	88.8	90.3	89.2	68.2	76.3	70.4
6	DPT-1	89.2	92.8	90.1	81.3	85.8	86.2
7	DPT-2	89.8	91.5	90.2	76.5	82.7	78.2
8	DPT-3	88.2	90.2	88.7	69.5	77.6	71.5
9	Measles	87	83.9	86.2	72.4	78.3	74.1
10	Full Immunization Of age 12 Months	81.5	81.7	81.5	58.5	67.4	61





**Table 5.8****National Family Health Survey III (2005-06)**

<b>Sl. No.</b>	<b>Indicators</b>	<b>Kerala</b>	<b>India</b>
1	Total Fertility Rate	1.90	2.68
2	Couple Protection Rate	68.60	56.30
3	IMR	15.00	57.00
4	Mothers who received 3 or more ANC	93.90	50.70
5	Institutional Delivery	99.50	40.70
6	Children under 3 years breast fed within one hour of birth	55.40	23.40
7	Children fully Immunised 12-23 months	75.30	43.50
8	Under weight children under 3 yrs	28.80	45.90
9	Ever married women anemic	32.30	56.20
10	Children(6-35 months) anemic	55.70	79.20

## Chapter 6

### Miscellaneous Table 6.1 Expenditure On Plan Schemes From 2005-06 TO 2010-11 (Rs. In Lakhs)

#### 2210- Plan Schemes

Year	State Plan			100% CSS			50% CSS		
	Allocation	Expenditure	% of Expenditure	Allocation	Expenditure	% of Expenditure	Allocation	Expenditure	% of Expenditure
2005-06	4092	2657.49	64.94	325	155.54	47.86	190	113.21	59.58
2006-07	2948.5	1845.37	62.59	216	146	67.59	420	136.89	32.59
2007-08	4844	2974.53	61.41	216	181.25	83.91	320	101.67	31.77
2008-09	7413.53	7095.43	95.71	216	263.04	121.78	320	187.29	58.53
2009-10	3052.93	2936.67	96.15	315	338.78	107.5	320	215.47	67.33
2010-11	3089	2855.52	92.44	489.64	417.03	97.42	680	410.36	60.35
2011-12	12271.94	11940.61	97.30	568.59	648.35	114.03	555	406.65	73.27
2012-13	20694	20109.42	97.18	740.25	779.57	105.31	200	198.74	99.37

#### 2211 – Plan Schemes

##### 100% CSS

Year	Allocation	Expenditure	% of Expenditure
2005-06	1826.55	1393.34	76.28
2006-07	4902.29	3728.95	76.07
2007-08	7435.8	4169.13	56.07
2008-09	5627	4041	71.81
2009-10	15035.4	11864.71	78.92
2010-11	20429.08	14486.94	70.91
2011-12	1693600	3322672.65	196.19
2012-13	2917100	2487444.488	85.27

Table 6.1 Continued

EXPENDITURE ON PLAN SCHEMES FOR 2011-12 and 2012-13							
Sl. No.	Name of Scheme	2011-12			2012-13		
		Allocation (Rs. In lakhs)	Expenditure (Rs. In lakhs)	Percentage of Expenditure	Allocation (Rs. In lakhs)	Expenditure (Rs. In lakhs)	Percentage of Expenditure
1	2210-01-001-95 Monitoring Cell Management	10	10	100.00%	10	9.38	93.80%
2	2210-01-110-86 Blood Bank in Taluk and distriock Hospitals	200	200	100.00%	100	100	100.00%
3	2210-01-110-85 MHC TVM	50	42.77	85.54%	30	27.91	93.03%
4	2210-01-110-84 MHC TRISSUR	30	26.86	89.53%	30	27.34	91.13%
5	2210-01-110-83 MHC KKD	30	8.34	27.80%	30	26.54	88.47%
6	2210-01-110-80 HEALTH TRANSPORT	12	11.65	97.08%	10	8.52	85.20%
7	2210-01-110-71 Improvement of Dental Clinics	60	41.72	69.53%	100	87.84	87.84%
8	2210-01-110-56 Developing facilities as per Mental Health Act	5	5	100.00%	5	5	100.00%
9	2210-01-110-52 Pain and Paliative Care in Dentgal Hospitals	40	37.83	94.58%	140	100.59	71.85%
10	2210-01-110-48 Limb Fitting Centre	37	34.48	93.19%	50	49.09	98.18%
11	2210-01-110-47 Diplomat in National Board	8.1	7	86.42%	15	11.05	73.67%
12	2210-01-110-41 Kerala Tele Health Medical Education	10	8.44	84.40%	10	6.99	69.90%
13	2210-01-110-40 District Mental Health Programme	35	35	100.00%			
14	2210-03-800-91 flagship project for Health	1000	998.19	99.82%			
15	2210-05-105-74 Nursing Schools	233.9	125.96	53.85%	50	24.2	48.40%
16	2210-05-105-36 Society for Rehabilitation of Coginitive and Communicative Disorders	200	200	100.00%	400	400	100.00%

17	2210-06-003-90 State Institute of Health & Family Welfare	945	944.9	99.99%	200	199.98	99.99%
18	2210-06-101-85 School Health Programme	10	10	100.00%			
19	2210-06-101-53 Medical Assistance to Poor	150	150	100.00%	400	175	43.75%
20	2210-06-101-49 Surveillance and control of Communicable disease	50	49.26	98.52%	320	283.67	88.65%
21	2210-06-101-45 Non Communicable Diseases Control	2286	2241.4	98.05%	450	438.95	97.54%
22	2210-06-107-99 Public Health Laboratories	126.5	108.01	85.38%	250	209.2	83.68%
23	2210-06-800-99 Nutrition Bureau	12	10.9	90.83%	20	13.06	65.30%
24	2210-06-800-92 Nutrition Research unit	40	34.26	85.65%	50	44.24	88.48%
25	2210-06-800-94 Welfare Society for the Locomoto disabled Kerala	8	8	100.00%	30	30	100.00%
26	2210-01-110-37 Anti social element, Health Protection to victims due to violence	50	49.99	99.98%	50	49.99	99.98%
27	2210-01-110-49 District Mental Health Programme TVM, KKD, TS	50	49.52	99.04%	60	54.8	91.33%
28	2210-01-110-35(01) Strengthening of Institutions under DHS (New Scheme)	915	914.99	100.00%	450	446.41	99.20%
29	2210-01-110-35(02) Strengthening of Institutions under DHS (Or	432	413.89	95.81%			
30	2210-01-110-35(05) Strengthening of Institutions under DHS - GH, TH and CHC Labs (XIII Finance Commission Award)	150	134.4	89.60%	600	594.56	99.09%
31	2210-03-110-97 Strengthening Diagnostic Services in DH, GH, TH and CHC Labs (XIII Finance Commission Award)	1173.5	1141.49	97.27%	1450	1450	100.00%
32	2210-06-101-41 Cancer Care Programme (New Scheme)	70	69.38	99.11%	500	475.82	95.16%
33	2210-06-800-86 Allowance to Asha Workers (New Scheme)	1892.94	1892.94	100.00%			
34	2210-06-800-85 Setting up of De-addiction Centres in District Hospitals (New Scheme)	100	74.64	74.64%	100	84.59	84.59%
35	2210-01-110-34 Dialysis Unit in Major Hospitals	500	500	100.00%			
36	2210-80-800-76 Strengthening of Medical Record Libraries	100.00	99.40	99.40%			

37	2210-80-800-75 NRHM State Share	750.00	750.00	100.00%	3000.00	3000.00	100.00%
38	2210-80-800-78 Special Support Scheme for Patients Suffering from Cancer, Heart and Kidney Diseases	500.00	500.00	100.00%			
39	2210-01-001-93 Strengthening of vigilance wing in DHS				10.00	9.97	99.70%
40	2210-01-110-32 Pain and Paliative Care centre & Elderly Care Centre ( XIII Finance Commission )				250.00	183.07	73.23%
41	2210-01-110-31 Setting up of Maternity units in selected THQ'S ( One time ACA)				2000.00	1999.98	100.00%
42	2210-01-110-30 Women & Children Hospital				3500.00	3500.00	100.00%
43	2210-01-110-29 Setting up of new District Mental Health programme Kollam & Alappuzha				100.00	100.00	100.00%
44	2210-01-110-28 Kerala Emergency Medical Service -108 Ambulance (One time ACA)				4000.00	4000.00	100.00%
45	2210-03-110-96 Stregthening diagnostic Services in DH, TH and CHC labs				250.00	249.90	99.96%
46	2210-05-105-08 Government Nursing Schools in PTA, WYD,& IDK Districts				100.00	87.23	87.23%
47	2210-06-101-39 Control of Vector borne diseases				130.00	109.89	84.53%
48	2210-06-101-38 Contorl of water borne diseases				40.00	36.25	90.63%
49	2210-06-101-37 Prevention and Control of Tobaco use				100.00	94.65	94.65%
50	2210-06-107-92 New born Screening Programme				44.00	44.00	100.00%
51	2210-06-112-98 Allowance to Asha Workers				1200.00	1200.00	100.00%
52	2210-80-800-73 Strengthening of Medical Record Libraries				60.00	59.76	99.60%
<b>TOTAL</b>		<b>12271.94</b>	<b>11940.61</b>	<b>97.30%</b>	<b>20694.00</b>	<b>20109.42</b>	<b>97.18%</b>
<b>Percentage of Expenditure to Outlay</b>		<b>97.30%</b>			<b>97.18%</b>		

Sl. No.	Name of Scheme	2011-12			2012-13		
		Allocation (Rs. In lakhs)	Expenditure (Rs. In lakhs)	Percentage of Expenditure	Allocation (Rs. In lakhs)	Expenditure (Rs. In lakhs)	Percentage of Expenditure
1	2210-05-105-29 NURSING SCHOOLS PTA, WYD, IDK, KGD	218	190.9	87.57%			
2	2210-06-101-90 LEPROSY CONTROL PROGRAMME	36.25	35.2	97.10%	99.95	88.91	88.95%
3	2210-06-101-69 BLINDNESS	169	131.06	77.55%	361.8	274.77	75.95%
4	2210-06-101-68 IODINE DEFICIENCY	30	27.85	92.83%	60.5	50.61	83.65%
5	2210-06-101-60 NACP	10.44	10.44	100.00%	28	23.18	82.79%
6	2210-06-101-59 TB CONTROL	80	232.16	290.20%	175	330.15	188.66%
7	2210-06-003-94 NURSING SCHOOLS KLM SASTHTAMKOTTA	24.9	20.74	83.29%	15	11.95	79.67%
<b>TOTAL</b>		<b>568.59</b>	<b>648.35</b>	<b>114.03%</b>	<b>740.3</b>	<b>779.57</b>	<b>105.31%</b>
Percentage of Expenditure to Outlay		114.03%			105.31%		
<b>50% CENTRALLY SPONSORED SCHEMES</b>							
1	2210-06-101-99 NMEP	70	67.25	96.07%			
2	2210-06-101-97 NATIONAL FILARIA CONTROL PROGRAMME	55	44.47	80.85%			
3	2210-06-101-93 TB CONTROL PROGRAMME	200	86.29	43.15%	200	198.74	99.37%
4	2210-06-101-92 CHOLERA/GASTRO	80	74.7	93.38%			
5	2210-06-101-50 OTHER DISEASES	150	133.94	89.29%			
<b>TOTAL</b>		<b>555</b>	<b>406.65</b>	<b>73.27%</b>	<b>200</b>	<b>198.74</b>	<b>99.37%</b>
Percentage of Expenditure to Outlay		73.27%			99.37%		

Table 6.1 Continued

<b>2211 Family Welfare Expenditure statement Budget estimate 100% CSS Plan For 2011-12 and 2012-13</b>							
Sl. No.	Name of Scheme	2011-12			2012-13		
		Allocation (Rs. In Thousand)	Total Expenditure (Rs.)	Percentage of Expenditure	Allocation (Rs. In Thousand )	Total Expenditure (Rs.)	Percentage of Expenditure
1	2211-00-001-99 State level Organization	32200	38588016	120.00%	42300	42027731	99.00%
2	2211-00-001-98 City and District Family Welfare Bureaus	110700	112060821	101.00%	177200	122388035	69.00%
3	2211-00-103-97 Reproductive and Child Health Programme	1000	1141004	114.00%			
4	2211-00-003-99 Regional Family Welfare Training Centres	14300	14484109	101.00%	26800	14991524	60.00%
5	2211-00-003-98 Training to Health Visitors and Dias	16200	13175721	81.00%	110000	15033774	14.00%
6	2211-00-106-99 Mass Education	1000	784345	78.00%	1500	1206866	80.00%
7	2211-00-104-99 Maintanance and Supply of Vehicles to Primary Health Centers	10000	9447000	94.00%	10000	9879687	99.00%
8	2211-00-104-98 Maintanance and Supply of Vehicles to District Family Welfare Bureaus	10000	989452743	98.00%	10000	9890513	99.00%
9	2211-00-104-97 Maintanance and Supply of Vehicles to Regional Family Welfare Centeres	2000	1829383	91.00%	200	1945000	97.00%
10	2211-00-104-96 Health Transport Organisation	14000	3009076	21.00%	18500	3507652	19.00%
11	2211-00-800-98 Grant-in-Aid	12500	12500000	100.00%	27200	23839057	86.00%
12	2211-00-101-99 Rural Family Welfare Planning Centre (Sub Centres)	1382500	2035403794	147.00%	2385800	2145262501	90.00%
13	2211-00-101-98 Expansion of ICDS Programme	78600	83440506	106.00%	94800	89572744	94.00%
14	2211-00-200-98 Maintanance of Beds & Sterilization Unit	8600	7356132	85.00%	11400	7899404	69.00%
15	2211-00-109-99 Reproductive and Child Health Programme				1400	0	0.00%
16	TOTAL	1693600	3322672650	196%	2917100	2487444488	85.00%

<b>Table 6.2</b>	
<b>Schedule of Immunization</b>	
Birth	BCG, OPV '0' dose & Hepatitis B'0' dose
6 Week	Pentavalent 1 <sup>st</sup> dose & OPV 1
10 Week	Pentavalent 2 <sup>nd</sup> dose & OPV 2
14 Week	Pentavalent 3 <sup>rd</sup> dose & OPV 3
9 Months	Measles & Vitamin A 1 <sup>st</sup> dose
18 Months	OPV, DPT 1 <sup>st</sup> Booster dose & Vitamin A 2 <sup>nd</sup> dose. Measels booster dose, JE vaccine
One Dose of Vitamin A Every six Months up to 5 Years	
5 Years	DPT Booster 2 <sup>nd</sup> dose and Vitamin A 9 <sup>th</sup> dose
10 & 16 Years	TT Vaccine
Other Vaccines used	MMR
	Combinations
<b>Polio Vaccine should be given in every Pulse Polio Days</b>	



<b>Table 6. 3</b>				
<b>Minimum Hight and Weight of Children up to the Age of 10 Years</b>				
<b>Age</b>	<b>Male</b>	<b>Male</b>	<b>Female</b>	<b>Female</b>
	<b>Height (cm )</b>	<b>Weight (kg )</b>	<b>Height (cm )</b>	<b>Weight (kg )</b>
<b>1<sup>st</sup> year</b>	72	9.5	72.8	8.7
<b>2<sup>nd</sup> year</b>	85	11.25	83.8	10.5
<b>3rd year</b>	94	13.75	92.8	12.25
<b>4<sup>th</sup> year</b>	101.5	15.75	100.3	14.45
<b>5<sup>th</sup> year</b>	108	18.25	108	16.9
<b>6<sup>th</sup> year</b>	114	20.5	114	19.5
<b>7<sup>th</sup> year</b>	119.5	23	119	22
<b>8<sup>th</sup> year</b>	124.5	25.5	124	24.75
<b>9<sup>th</sup> year</b>	130	27.75	130	27.5
<b>10<sup>th</sup> year</b>	135	30	136	30.5

<b>Table 6.4</b>				
<b>Institutions With Palliative Care Programmes</b>				
<b>Sl. No</b>	<b>District</b>	<b>Number of major Hospitals</b>	<b>Name of major Hospitals</b>	
1	Thiruvananthapuram	5	1	Taluk Hospital, Varkala
			2	Taluk Hospital, Chirayinkeezhu
			3	District Hospital, Neyyattinkara
			4	District Hospital, Nedumangadu
			5	General Hospital, Thiruvananthapuram
2	Kollam	6	1	Taluk Hospital, Kadakkal
			2	Taluk Hospital, Sasthamkotta
			3	Taluk Hospital, Punaloor
			4	Taluk Hospital, Kottarakkara
			5	Taluk Hospital, Karunagapally
			6	District Hospital, Kollam
4	Pathanamthitta	3	1	Taluk Hospital, Thiruvalla
			2	Taluk Hospital, Mallappally
			3	District Hospital Kozhenchery
3	Alappuzha	4	1	Taluk Hospital, Harippad
			2	Taluk Hospital, Pullikunnu
			3	Taluk Hospital, Chengannur
			4	General Hospital, Alappuzha
6	Idukki	5	1	Taluk Hospital, Thodupuzha
			2	Taluk Hospital, Adimaly
			3	Taluk Hospital, Peerumedu
			4	Taluk Hospital, Nedumkandom
			5	District Hospital, Idukki
5	Kottayam	5	1	Taluk Hospital, Vaikkam
			2	Taluk Hospital, Changanacherri
			3	Taluk Hospital, Kanhirapally
			4	District Hospital, Kottayam
			5	General Hospital, Pala
7	Ernakulam	11	1	Taluk Hospital, Kothamangalam
			2	Taluk Hospital, Moovattupuzha
			3	Taluk Hospital, Perumbavoor
			4	Taluk Hospital, Piravom
			5	Taluk Hospital, Angamaly
			6	Taluk Hospital, Paravoor
			7	Taluk Hospital, Thripunithura
			8	Taluk Hospital, Fort Kochi
			9	C H C Kadayiruppu
			10	District Hospital, Aluva
			11	General Hospital, Eranakulam

8	Trissur	9	1	Taluk Hospital, Vadakkanchery
			2	Taluk Hospital, Kunnamkulam
			3	Taluk Hospital, Chalakkudy
			4	Taluk Hospital, Irinjalakkuda
			5	Taluk Hospital, Pudukadu
			6	Taluk Hospital, Chelakkara
			7	Taluk Hospital, Chavakkad
			8	Taluk Hospital, Kodungallur
			9	District Hospital, Thrissur
10	Palakkad	6	1	Taluk Hospital, Mannarkkad
			2	Taluk Hospital, Pattambi
			3	Taluk Hospital, Ottapalam
			4	Taluk Hospital, Chittur
			5	Taluk Hospital, Alathur
			6	District Hospital, Palakkad
9	Malappuram	7	1	Taluk Hospital, Malappuram
			2	Taluk Hospital, Thirurangadi
			3	Taluk Hospital, Ponnani
			4	Taluk Hospital, Nilambur
			5	Taluk Hospital, Perinthalmanna
			6	District Hospital, Thirur
			7	General Hospital, Manjeri
12	Wayanad	5	1	Taluk Hospital, Sulthan Bathery
			2	Taluk Hospital, Vythiri
			3	CHC Nallooradu
			4	District Hospital, Mananthavady
			5	General Hospital, Kalpetta
11	Kozhikkode	5	1	Taluk Hospital, Perambra
			2	Taluk Hospital, Thamarassery
			3	Taluk Hospital, Koyilandy
			4	Taluk Hospital, Nadapuram
			5	General Hospital, Kozhikkode (Beach)
13	Kannur	8	1	Taluk Hospital, Thaliparamba
			2	Taluk Hospital, Payyannur
			3	Taluk Hospital, Pazhayangady
			4	Taluk Hospital, Koothuparamba
			5	Taluk Hospital, Iritty
			6	Taluk Hospital, Peravoor
			7	District Hospital, Kannur
			8	General Hospital, Thalassery
14	Kasargod	5	1	Taluk Hospital, Neeleswaram
			2	Taluk Hospital, Thrikkarippur
			3	District Hospital, Kanhangad
			4	District Hospital,
			5	General Hospital, Kasaragode
<b>Total</b>		<b>84</b>		

Table 6.5

## Arogyakeralam Palliative Care Project

### Statistics (1<sup>st</sup> April 2013- 31<sup>st</sup> August 2014)

The project was run on a low key during this period as funds for 2012 -13 were utilized by 31 March and funds for 2013-14 were available from only mid August. During the period April – August, the focus was on avoiding discontinuity of the existing service

District	No. of LSGIs running home care	No. of new patients registered for care	No. of home visits	No. of catheter change ( as an index of nursing care available )	No. of deaths (including patients registered in previous months)	Number of Training Programs			No. of secondary level programs in Government Hospitals	No. of training centers in Government Hospitals	No. of patients seen by secondary programs/ training centers
						Doctors	Nurses	Others			
Thiruvananthapuram	78	1897	509	554	327	1	2	6	6	1	121
Kollam	65	3425	376	560	700	-	-	-	4	1	110
Pathanamthitta	56	4209	462	565	229	-	4	4	3	1	248
Alappuzha	71	9243	1735	2982	204	-	5	-	3	1	448

Kottayam	75	1841	2724	6515	1565	1	1	28	5	1	387
Idukki	54	1035	1515	2862	778	1	13	6	5	2	389
Ernakulam	92	5481	3057	4700	1623	3	2	22	11	1	335
Thrissur	82	3273	1778	2841	1271	7	15	43	9	1	599
Palakkad	72	3229	1862	2503	991	-	18	21	6	1	795
Malappuram	107	2543	3667	5716	1758	2	3	3	7	1	322
Kozhikode	74	3898	2869	5649	322	-	1	10	6	1	1811
Wayanad	25	580	1004	1483	305	-	4	2	4	1	75
Kannur	84	2616	1940	2313	1206	2	3	3	7	2	310
Kasargode	37	2396	1246	855	581	-	1	4	4	1	313
<b>Total</b>	<b>972</b>	<b>45666</b>	<b>24744</b>	<b>40098</b>	<b>11860</b>	<b>17</b>	<b>72</b>	<b>152</b>	<b>80</b>	<b>16</b>	<b>6263</b>

#### Activities of State Resource Center, Calicut:

1. Developed a one month Basic Course for Community interventions in Palliative Care and Long Term Care for ASHA
2. Developed and printed a manual for community palliative nursing
3. Run a trial run of the one month course for ASHA in 14 centers ( one course in each district), training 137 ASHA
4. Feed back and evaluation of field work of ASHA who underwent the course

**Table 6. 6****Details of Institutions having facilities for Eye Donation**

<b>Sl. No</b>	<b>District</b>	<b>No.</b>	<b>Name of Institution</b>	<b>Phone Number</b>	<b>Remarks</b>
1	Trivandrum	2	1. Regional Institute of Ophthalmology	0471-2304046	Govt. – Eye Bank & CTC
			2. Chaithanya Eye Hospital	0471-2447183	Private
2	Kollam	1	1. District Hospital Kollam	0474-2750206, 2742004	Govt. –Eye Donation Centre
3	Pathanamthitta	1	1 District Hospital Pathanamthitta	–	Govt. – Eye Donation Centre
4	Alappuzha	1	1. Medical College Hospital Alappuzha	0477-2251443	Govt. – Eye Bank & CTC
5	Kottayam	1	1. Medical College Hospital Kottayam	9446481766	Govt. – Eye Bank & CTC
6	Ernakulam	1	1. Little Flower Hospital	0484-2452546,	Private
				PRO- 9847138397	
7	Thrissur	2	1. Medical College Hospital Thrissur	0487-2200310 to 320	Govt. – Eye Bank & CTC
			2. Jubily Mission Hospital	0487-2420136, 2420361,2421650	Private- Eye Bank & CTC
8	Palakkad	1	1.Ahalya Eye Hospital, Valayar	0492-3235100 to 108	Private- Eye Bank & CTC
9	Malappuram	3	1. District Hospital Manjery	0483-2766880	Govt. – Eye Donation Centre
			2. Moulana Hospital	0493-3307300	Private- Eye Bank & CTC
10	Kozhikkode	3	1. Medical College Hospital Kozhikkode	0495-2357457	Govt. – Eye Bank & CTC
			2. Comtrust Eye Hospital	0495-2723793	Private- Eye Bank & CTC
			3 . Malabalar Eye Hospital	0495-2367330	Private Eye Donation Centre
11	Kannur	2	1. District Hospital Kannur	0497-2731234	Govt. – Eye Donation Centre
			2. Govt.General Hospital, Thalassery	0490-2322150	Govt. – Eye Donation Centre

**Table 6.7**  
**Blood Banks**  
**Summary of Blood Banks**

1	BBC - Blood Banks in co-operative sector.	7
2	BBG - Govt Blood Banks	33
3	BBP - Private Blood Banks	130
	Total No. of Blood Banks in Kerala	170
4	BCSU Govt	19
5	BCSU private	36
		55

**Blood banks in the co-operative sector**

Sl. No	Blood Bank	District
1	Co-Operative Medical College, HMT Colony, Kalamassery	Eranakulam
2	Academy of Medical Sciences, Pariyaram	Kannur
3	Cannannore Co-Op Hospital Society, Talap	Kannur
4	Tellichery Co-Op Hospital	Kannur
5	Badagara saharana Asupathri Ltd., Vatakara	Kozhikode
6	Kozhikode District Co - Operative Hospital	Kozhikode
7	Palakkad District Hospital & Research Centre Ltd., Fort Rd., Palakkad	Palakkad

**Blood banks in the Government sector**

Sl. No	Blood Bank	District
1	District Hospital, Alappuzha	Alappuzha
2	Medical College Hospital Blood Bank, Alappuzha	Alappuzha
3	General Hospital	Ernakulam
4	INHS Sanjeevini Naval Base, Kochi	Ernakulam
5	Regional Blood Transfusion Centre, District Hospital, Alwaye.	Ernakulam
6	District Hospital Blood Bank, Pynavu, Idukki	Idukki
7	District Hospital, Kannur	Kannur
8	General Hospital, Thalassery	Kannur
9	Community Health Centre (T.H.Q)	Kasargod
10	District Hospital Blood Bank, Kanhangad	Kasargod
11	District Hospital, Kollam	Kollam
12	Govt Hospital, Punalur(Taluk Head Quarters Hospital)	Kollam
13	Taluk Head Quarters Hospital, Kottakkara	Kollam
14	District Hospital, Kottayam	Kottayam
15	Medical College Hospital Blood Bank, Kottayam	Kottayam
16	Govt. General Hospital, Kozhikode	Kozhikode
17	Govt. W & C Hospital, Kottapparamba	Kozhikode
18	Medical College Hospital Blood Bank	Kozhikode
19	District Hospital Blood Bank, Manjeri	Malappuram
20	Govt Hospital, Perinthanmanna(Taluk Head Quarters Hospital)	Malappuram
21	Taluk Head Quarters Hospital, Thirur	Malappuram
22	District Hospital, Palakkad	Palakkad
23	General Hospital, Pathanamthitta	Pathanamthitta
24	General Hospital, Thiruvananthapuram	Thiruvananthapuram
25	Medical College Hospital, Blood bank, Thiruvananthapuram	Thiruvananthapuram

26	Regional Cancer Centre,Medical College Campus,Thiruvananthapuram	Thiruvananthapuram
27	Taluk Head Quarters Hospital, Chirayinkizhu	Thiruvananthapuram
28	Sri ChithiraThirunal Institute of Medical Science & Technology	Thiruvananthapuram
29	Women & Children Hospital,Thycaud	Thiruvananthapuram
30	District Hospital, Thrissur	Thrissur
31	Medical College Hospital, Mulangunnathukavu, Thrissur	Thrissur
32	District Hospital, Manathavadi	Wayanad
33	Govt. T.H.Q. Hospital, Sulthan Bathery	Wayanad

## Blood Banks-Active

1	Centuary hospital,Chenganoor	Alappuzha
2	Medical college hospital blood bank	Alappuzha
3	Women & Children Hospital,blood bank	Alappuzha
4	Amritha Institute of Medical Sciences, Research Centre	Ernakulam
5	Carmel Hospital, Ashokapuram,Alwaye	Ernakulam
6	IMA Voluntary Donor BB, T.D Road, Ernakulam	Ernakulam
7	Lakeshore Hospital&Research CentreLtd, Maradu,	Ernakulam
8	Lisie Hospital, Ernakulam	Ernakulam
9	Little Flower Hospital, M.G.Road, Angamaly	Ernakulam
10	Lourdes Hospital, Pachalam, Ernakulam	Ernakulam
11	General hospital blood bank	Ernakulam
12	Taluk head quarters hospital blood bank	Ernakulam
13	Co_ operative medical college	Ernakulam
14	Mar Baselius Medical Mission Hospital, Kothamangalam	Ernakulam
15	Medical Trust Hospital, M.G.Road	Ernakulam
16	Mosc MM Hospital, Kolencherry	Ernakulam
17	Nirmala Medical Center, Moovattupuzha	Ernakulam
18	P.V.S. Memorial Hospital Ltd,Kallor, Kochi	Ernakulam
19	Sanjoe Hospital,Perumbavoor	Ernakulam
20	Sree Narayana Institute of Medical Sciences, Chalakka, North Kuthiyathode	Ernakulam
21	Alphonsa Hospital, Murikkassery.P.O	Idukki
22	Holy Family Hospital, Muthalakodam,Thodupuzha	Idukki
23	I.M.A.Blood Bank Society, Thodupuzha	Idukki
24	Morning Star Medical Centre, Adimali	Idukki
25	St Johns Hospital, Kattappana	Idukki
26	Tata Tea Limited, Munnar	Idukki
27	District Hospital Blood Bank, Pynavu, Idukki	Idukki
28	General Hospital, Thalassery	Kannur
29	Academy of Medical Sciences, Pariyaram	Kannur
30	Kannur Medical college and Hosp,Kannur. (Prestige edu Trust)	Kannur
31	Malabar Cancer Centre Society, Moozhikkara	Kannur
32	Sara Memorial Medical laboratory & Blood Bank, Fort Road	Kannur
33	St.Martin De Porres Hospital, Cherukunnu	Kannur
34	Josgiri Hospital Blood Bank, Thalassery.	Kannur
35	Cannannore Co-Op Hospital Society, blood bank	Kannur
36	Tellichery Co-Op Hospital blood bank	Kannur
37	District Hospital blood bank	Kannur



38	Taluk head quarters hospital	Kasargod
39	District Hospital Blood Bank, Kanhangad	Kasargod
40	S.N.Trust Medical Mission Sankar Memorial Hospital, Kollam	kollam
41	Taluk head quarters hospital kottarakkara	kollam
42	Benziger Hospital ,Blood bank	kollam
43	Taluk head quarters hospital blood bank	kollam
44	St. Joseph Hospital, blood bank	kollam
45	IMA blood bank	kollam
46	Holly cross hospital blood bank	kollam
47	Travancore hospital blood bank	kollam
48	District hospital blood bank	kollam
49	Azeezia medical college hospital blood bank	kollam
50	St. Joseph Hospital, Pathanapuram	kollam
51	Rotary Blood Bank, Mangad Building, Kottayam	Kottayam
52	S.H.Medical Centre, Nagampadam, Kottayam	Kottayam
53	Little Lourde Mission Hospital,Kidangoor	Kottayam
54	Marry queens mission hospital blood bank	Kottayam
55	Marian Medical Centre	Kottayam
56	Medical college hospital blood bank	Kottayam
57	Caritas Hospital, blood bank	Kottayam
58	Holy ghost mission hospital	Kottayam
59	IHM hospital blood bank bharananganam	Kottayam
60	District hospital blood bank	Kottayam
61	St Thomas Hospital, Chettipuzha, Kurisumudu, Changanassery	Kottayam
62	MUM Hospital Blood Bank, Monippally, Kottayam.	Kottayam
63	Fathima Hospital, Bankroad, Kozhikode	Kozhikode
64	Malabar Institute of Medical Sciences, Kozhikode.	Kozhikode
65	National Hospital, Kozhikode	Kozhikode
66	Nirmala Hospital, Marrikunnu, Kozhikode	Kozhikode
67	P.V.S.Hospital (P) Ltd, Kozhikode	Kozhikode
68	Santhi Hospital Blood Bank, Omassery, Kozhikode	Kozhikode
69	KMCT Hospital, Manassery, Kozhikode.	Kozhikode
70	IQRAA Hospital Blood bank, Maalapparamba	Kozhikode
71	Govt. General Hospital , Kozhikode	Kozhikode
72	Medical College Hospital Blood Bank	Kozhikode
73	Baby Memorial Hospital	Kozhikode
74	Badagara saharana Asupathri Ltd.,	Kozhikode
75	Govt W&C hospital	Kozhikode
76	Dharmagiri st josephs hospital ,kunnamangalam	Kozhikode
77	Al-Shifa Hospital	Malappuram
78	Almas Hospital Blood Bank, Kottakkal	Malappuram
79	M.E.S Medical College Blood Bank, Perinthalmanna, Malappuram	Malappuram
80	Malabar Institute Of Medical Sciences, Kottakkal	Malappuram
84	District hospital blood bank	Malappuram
85	District hospital blood bank, Tirur	Malappuram
86	Edappal Hospital (P) Ltd. Blood Bank	Malappuram
87	Korambayil Hospital & Diagnostic Centre, Manjeri	Malappuram
96	Govt Hospital, Perinthanmanna(Taluk Head Quarters Hospital)	Malappuram
81	Palakkad blood Bank, Palakkad	Palakkad
82	Karuna Medical Collage Hospital Blood Bank,Alathur, Palakkad	Palakkad

83	District hospital blood bank	Palakkad
88	Pushpagiri Hospital,Thiruvalla	Pathanamthitta
89	Thiruvalla Medical Mission Hospital, Thiruvalla	Pathanamthitta
90	Followship mission hospital ,Kumbanad	Pathanamthitta
91	G H pathnamthitta	Pathanamthitta
92	Mar Gregorious Memorial Muthoot Medical Centre, Kozhencherry	Pathanamthitta
93	Mar Gregorious Memorial Muthoot Medical Centre	Pathanamthitta
94	Poyanil Hospital, blood bank	Pathanamthitta
95	Holy Cross Hospital, BLOOD BANK	Pathanamthitta
97	PRS Hospital, Killippalam, Thiruvananthapuram	Thiruvananthapuram
98	Sree Gokulam Medical College, Venjaramoodu	Thiruvananthapuram
99	Sree Uthradam Thirunal Hospital, Thiruvananthapuram	Thiruvananthapuram
100	Ananthapuri Hospital and Research Institute Blood Bank, Thiruvananthapuram	Thiruvananthapuram
101	Dr.Somervel CSI Mission Hospital,Karakkonam	Thiruvananthapuram
102	General hospital blood bank	Thiruvananthapuram
103	KIMS hospitalblood bank	Thiruvananthapuram
104	Medical college hospital blood bank	Thiruvananthapuram
105	Regional Cancer Centre,Medical College Campus,Thiruvananthapuram	Thiruvananthapuram
106	Sree chitra thirunal institute for science&technology	Thiruvananthapuram
107	Taluk head quarters hospital blood bank	Thiruvananthapuram
108	W&C hospital blood bank	Thiruvananthapuram
109	Cosmopolitan hospitals(pvt) Ltd, Thiruvananthapuram	Thiruvananthapuram
110	Superior Blood Bank,Gandhari Amman Koil Street, Thiruvananthapuram	Thiruvananthapuram
111	NIMS Hospital Blood Bank	Thiruvananthapuram
112	Amala Cancer Hospital& Research Centre, Amalanagar,Thrissur	Thrissur
113	Aswini Hospital Pvt Ltd,Karunakaran Nambiar Rd, Thrissur	Thrissur
114	Bishop Alappat Mission Hospital, Karanchirra	Thrissur
115	Elite Mission Hospital, Koorkencherry, Thrissur	Thrissur
116	District hospital blood bank	Thrissur
117	I.M.A Blood Bank Complex and Research Centre, Thrissur	Thrissur
118	Jubilee Mission Hospital, Thrissur	Thrissur
119	Lal Memorial Hospital Blood Bank, Asan Nagar, Irinjalakuda	Thrissur
120	Malankara Orthodox Syrian Church Medical Mission Hospital, Thrissur	Thrissur
121	Maria Theresa Hospital,Kuzhikkattusery	Thrissur
122	Mary Immaculate Mission Hospital, Engandiyur, Thrissur	Thrissur
123	Mother Hospital, Pullazhi, Thrissur	Thrissur
124	Sacred Heart Hospital, Pullur.P.O, Irinjalakuda	Thrissur
125	St James Hospital, Chalakudy, Thrissur	Thrissur
126	Medical college hospital blood bank	Thrissur
127	St Josephs Hospital, Choondal, Thrissur	Thrissur
128	Thrichur Heart Hospital Ltd, Bus stand, Thrissur	Thrissur
129	Trissur Metropolitan Blood Bank	Thrissur
130	Unity Hospital (P) Ltd, Kunnamkulam,	Thrissur
131	West Fort Hitech Hospital, Punkunnam, Thrissur	Thrissur
132	West Fort Hospital Blood Bank,	Thrissur
133	District Hospital, Manathavadi	Wayanad
134	Govt. T.H.Q. Hospital, Sulthan Bathery	Wayanad

<b>Table 6.8</b>					
<b>District wise details of School of Nursing as on 2013 March</b>					
<b>Sno.</b>	<b>District</b>	<b>Govt.</b>	<b>No. of seats</b>	<b>Private</b>	<b>No. of seats</b>
<b>1</b>	<b>Thiruvananthapuram</b>	1	28	17	475
<b>2</b>	<b>Kollam</b>	2	45	19	595
	1.For SC-ST,Asramam.	1	20		
	2.District Hospital	1	25		
<b>3</b>	<b>Pathanamthitta</b>	1	20	14	460
<b>4</b>	<b>Alappuzha</b>	1	23	11	355
<b>5</b>	<b>Kottayam</b>	1	20	20	665
<b>6</b>	<b>Idukki</b>	1	20	8	230
<b>7</b>	<b>Ernakulam</b>	1	30	30	1020
<b>8</b>	<b>Thrissur</b>	1	28	25	740
<b>9</b>	<b>Palakkad</b>	1	25	5	125
<b>10</b>	<b>Malappuram</b>	1	26	14	410
<b>11</b>	<b>Kozhikode</b>	1	50	14	445
<b>12</b>	<b>Wayanad</b>	1	20	3	90
<b>13</b>	<b>Kannur</b>	1	30	13	405
<b>14</b>	<b>Kasaragod</b>	1	20	7	200
	<b>Total</b>	<b>15</b>	<b>385</b>	<b>200</b>	<b>6215</b>

<b>Table 6.9</b>		
<b>List of Government ANM (JPHN) Training Centre as on March 2013</b>		
<b>Sl. No.</b>	<b>Name of Institution</b>	<b>No. of Seats</b>
1	Govt. ANM Training Centre,Thycaud, Thiruvananthapuram. Only for SC ST Candidates  Ph.0471-2330782	45
2	Govt. JPHN Training Centre,Thalayolaparambu, Kottayam.  PH.04829-237520	45
3	Govt. JPHN Training Centre, Peringottukurissi, Palakkad.  Ph.0492-2217241	45
4	Govt. JPHN Training Centre, Kasaragod.  04994-227613	45
<b>Total</b>		<b>180</b>

<b>Government Female Health Supervisory Training centre</b>		
<b>Sl. No.</b>	<b>Name of Institution</b>	<b>No. of Seats</b>
1	Gov. Female Health Supervisory Training School,Perurkkada, Thiruvananthapuram	50
2	Govt. Female Health Supervisory Training School,Malaparamba,Florican hill, Kozhikode	50
<b>Total</b>		<b>100</b>

**Table 6.10****List of Government Nursing Colleges Conducting B.Sc Nursing Course as on March 2013**

Sl. No.	Name of Institution	Seats	Yr. Of Starting
1	College of Nursing, Medical College PO, Thiruvananthapuram Ph. 0471-2444290	75	1963
2	College of Nursing, Medical College, Gandhinagar (PO), Kottayam Ph. 0481-2598469	60	1982
3	College of Nursing, Medical College (PO), Kozhikode- 8, Ph. 0495-2357621	60	1982
4	College of Nursing, T D Medical College, Vandanam, Alappuzha -688005, Ph. 0477-2283364	60	2006
5	College of Nursing, Velappaya (PO), Medical College Mulamkunnathkavu, Thrissur-680596, Ph. 0487-2208205	60	2006

**Govt. Nursing Colleges Conducting M Sc. Nursing Course as on March 2013**

1	College of Nursing ,Medical College (PO), Thiruvananthapuram. Ph. 0471-2444290	28	1987
2	College of Nursing, Medical College ,Gandhi Nagar(PO), Kottayam Ph. 0481-2598469	22	2004
3	College of Nursing, Medical College (PO), Kozhikode-8, Ph:0495-2357621	30	1996
4	College of Nursing, T D Medical College, Vandanam, Alappuzha -688005, Ph. 0477-2283364	20	2010
5	College of Nursing, Velappaya (PO), Medical College Mulamkunnathkavu, Thrissur-680596, Ph. 0487-2208205	10	2010

Table 6.11									
District wise details of College of Nursing									
Sl.No.	District	B.Sc Nursing course				M.Sc Nursing course			
		Govt	No. of seats	Private	No. of seats	Govt	No. of seats	Private	No. of seats
1	Thiruvananthapuram	1	75	13	715	1	28	7	116
2	Kollam	0	0	10	555	0	0	7	132
3	Pathanamthitta	0	0	9	430	0	0	4	41
4	Alappuzha	1	60	3	170	1	20	2	45
5	Kottayam	1	60	8	360	1	22	1	4
6	Idukki	0	0	2	100	0	0	1	16
7	Ernakulam	0	0	16	845	0	0	9	161
8	Thrissur	1	60	8	460	1	10	6	99
9	Palakkad	0	0	4	180	0	0	0	0
10	Malappuram	0	0	6	330	0	0	4	73
11	Kozhikode	1	60	8	410	1	30	1	20
12	Wayanad	0	0	1	40	0	0	0	0
13	Kannur	0	0	9	460	0	0	4	57
14	Kasaragod	0	0	3	140	0	0	1	10
<b>Total</b>		<b>5</b>	<b>315</b>	<b>100</b>	<b>5195</b>	<b>5</b>	<b>110</b>	<b>47</b>	<b>774</b>

**Table 6.12****Telephone Numbers of District Medical Officers, Health**

<b>District</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Mobile</b>
<b>Thiruvananthapuram</b>	<b>Dr.K.M.Sirabudeen</b>	<b>0471 2471291</b>	<b>9946105472</b>
			<b>9400150920</b>
<b>Kollam</b>	<b>Dr.K. Salila</b>	<b>04742 799299</b>	<b>9946105473</b>
		<b>04742 795017</b>	<b>9447033194</b>
<b>Pathanamthitta</b>	<b>Dr.Gracy Ittah</b>	<b>04682 228220</b>	<b>9946105475</b>
		<b>04682 222642</b>	<b>9446227788</b>
<b>Alappuzha</b>	<b>Dr.C. Muraleedharan Pillai</b>	<b>0477-2252329</b>	<b>9946105477</b>
		<b>0477-2251650</b>	<b>9447473350</b>
<b>Idukki</b>	<b>Dr.P.J. Alosious</b>	<b>04862 233030</b>	<b>9946105481</b>
			<b>9446924257</b>
<b>Kottayam</b>	<b>Dr.N.M Iysha Bai</b>	<b>0481 2562928</b>	<b>9946105479</b>
		<b>0481 2562778</b>	<b>9447414097</b>
<b>Ernakulam</b>	<b>Dr.Hazeena Muhammed</b>	<b>0484 2360802</b>	<b>9946105483</b>
		<b>0484 2369567</b>	
<b>Thrissur</b>	<b>Dr. V.V. Veenus</b>	<b>0487 2333050</b>	<b>9946105485</b>
		<b>0487 2333242</b>	
<b>Palakkad</b>	<b>Dr.K. Venugopalan</b>	<b>0491 2505189</b>	<b>9946105487</b>
			<b>9446443209</b>
<b>Malappuram</b>	<b>Dr. Ummer Ferook</b>	<b>04832 736241</b>	<b>9946105489</b>
		<b>04832 737857</b>	
<b>Kozhikode</b>	<b>Dr. P.K .Mohanan</b>	<b>04952 370540</b>	<b>9447124840</b>
		<b>04952 370494</b>	
<b>Kannur</b>	<b>Dr. Rayibu Remesh</b>	<b>04972 700709</b>	<b>9946105495</b>
		<b>04972 700194</b>	
<b>Wayand</b>	<b>Dr. A A Sameera</b>	<b>0493 5241150</b>	<b>9946105493</b>
		<b>0493 5240390</b>	<b>9447525157</b>
<b>Kasagode</b>	<b>Dr. P. Gopinathan</b>	<b>04672 203118</b>	<b>9946105497</b>
		<b>04672 209433</b>	<b>9562328357</b>

**Table 6.13****Telephone Numbers of Programme Officers**

Sl.No	NAME	DESIGNATION	OFFICE	OFFICE (MOBILE)
1	Dr.P.K. Jameela	Director of Health Services	2303025	9447737579
2	Dr. Kumari Prema	Addl.DHS(Plg)	2303360	9497015579
3	Dr.Remani	Addl.DHS (Medical)	2302869	9447157128
4	Dr.N. Sreedhar	Addl.DHS (FW)	2303080	9447891666
5	Dr. Jayasankar	Addl.DHS (TB)	2466058	9447074250
6	Dr.A. S. Pradeepkumar	Addl.DHS (PH)	2304160	9447353912
7	Dr.P.D.Renuka	Addl.DHS (Vig)	2302869	944767254
8	Dr. Saritha	Addl DHS (Training & Administration)	2303146	9447281893
9	Dr. Sunilkumar. G	Dy.DHS (FW)	2304160	9539076556
10	Dr. B. Sreelatha	Dy.DHS (PH &SLO)	2302745	9995013054
11	Dr. V.V. Sherly	Dy.DHS (OPH)		9446134850
12	Dr. V.V. Sherly	Dy.DHS (Dental) i/c		9446134850
13	Dr.V.Meenakshy	Dy.DHS(NVBDCP)	2302160	9447022573
14	Dr.Sreelatha.S	Dy.DHS(Planning)	2302292	9447068663
16	Dr.C. K. Jagadeesan	Asst.Dir. (PH)	2519243	9447124413
17	Dr.Jayasree	Dy.DHS (MH)	2302490	9446081995
20	Sri. T. Rajkumar	Dy SMEMQ	2302490	9946105464
21	Dr.Dilipkumar	Asst.Dir. (Entmo)	2519218	9495831565
22	Dr.Lekshmi.R	ORT Officer	2519243	9447703422
23	Dr. Bipin K Gopal	IUD M.O		9447001934
24	Dr.Amarfettil		2304060	9447451846
25	Dr. Rajani Balachandran	Asst.Surgeon (TB)	2466058	9446400040
26	Sri.R.T.Madhu	SHTO	2301906	9446460243
27	Sri.Radhakrishnan Nair	Sr.A.O	2303476	9447221429
28	Sri Jacob Koshy T. Sanu	Sr.F.O		9446126688
29	Smt. Lakshmi Raghunathan	F.O		9447057811
30	Sri. Mohan.S	ELO		9400039576
31	Sri.Jayakumar.B.	L.O		9446179260
32	Sri. Rajkumar	SMEO i/c		9447429399
33	Smt. P.Devaky	ADNS		9656635514
34	Smt. Ambiliprasad	Asst. DNS		9895913054
35	Smt. M.G.Sobhana	DDNS		9496243554
36	Dr. Suni L.S	JAMO (FW)	2519241	9496108108
37	Dr. Sajan Mathews	JAMO (PH)	2519241	9447223399
38	Dr. Anil Kumar	JAMO	2519275	9846021483
39	Sri. Gopakumar.S	Demographer	2519229	9946105759



**Table 6.14****Days to be Remembered**

<b>Sl. No</b>	<b>Date</b>	<b>Days</b>
1	12-Jan	National Youth Day
2	30-Jan	Anti Leprosy Day
3	08-Mar	International Women's Day
4	22-Mar	World Water Day
5	24-Mar	World TB Day
6	07-Apr	World Health Day
7	11-Apr	World Motherhood Day
8	17-Apr	International Hemophilia day
9	08-May	World Red Cross Day
10	10-May	Mother's Day
11	12-May	Nurse Day
12	15-May	International Day of Family
13	21-May	Anti Terrorism Day
14	31-May	Anti Tobacco Day
15	June	Anti Malaria Month
16	04-Jun	Day of Innocent Children Aggression Day
17	05-Jun	World Environment Day
18	June 5-11	ORT Week
19	12-Jun	World day against Child Labour
20	14-Jun	Blood Donors Day
21	26-Jun	International Day against Drug Abuses & Illicit tackling
22	01-Jul	Doctor's Day
23	11-Jul	World Population Day
24	29-Jul	ORS Day
25	August 1-7	Breast Feeding Week
26	20-Aug	World Mosquito Day
27	August 25- September 8	Eye Donation Fortnight
28	Sept. 1-7	National Nutrition Week
29	Sept. 8	World Literacy Day
30	Sept. 21	Alzheimer's Day
31	Sept. 25	Heart Day
32	Sept. 26	Day of the Deaf
33	01-Oct	Blood Donation Day & International Day for the elderly
34	02-Oct	National Sanitation Day
35	10-Oct	Mental Health Day
36	12-Oct	World Sight Day
37	13-Oct	U.N. International Day for Natural Disaster Reduction
38	16-Oct	World Food Day
39	21-Oct	Global Iodine Deficiency Disorders Control Day
40	07-Nov	World Cancer Awareness Day
41	10-Nov	World Immunization Day
42	11-Nov	National Fileria Day
43	14-Nov	World Diabetes Day & Children's Day
44	16-Nov	Pulmonary Disease Day
45	19-Nov	National Integration and Harmony Day
46	24-Nov	Women's Day
47	01-Dec	World Aids Day
48	03-Dec	World disabled day
49	10-Dec	Human Rights Day

**Table 6.15**

**Number of Local Self Government Institutions and the number of Wards**

Sl.No.	District	Grama Panchayat		Block Panchayat		District Panchayat		Municipality		Corporation		Total	
		Number	No. of wards	Number	No. of wards	Number	No. of wards	Number	No. of wards	Number	No. of wards	Number	No. of wards
1	Thiruvananthapuram	73	1299	11	155	1	26	4	147	1	100	90	1727
2	Kollam	70	1274	11	153	1	26	3	102	1	55	86	1610
3	Pathanamthitta	54	811	8	106	1	17	3	99			66	1033
4	Alappuzha	73	1186	12	158	1	23	5	186			91	1553
5	Kottayam	73	1180	11	148	1	23	4	141			89	1492
6	Idukki	53	814	8	104	1	16	1	35			63	969
7	Ernakulam	84	1369	14	185	1	26	11	369	1	74	111	2023
8	Thrissur	88	1501	16	213	1	29	6	233	1	55	112	2031
9	Palakkad	91	1542	13	182	1	29	4	150			109	1903
10	Malappuram	100	1902	15	227	1	32	7	278			123	2439
11	Kozhikode	75	1335	12	169	1	27	2	91	1	75	91	1697
12	Wayanad	25	459	4	57	1	16	1	28			31	560
13	Kannur	81	1345	11	155	1	26	6	244			99	1770
14	Kasaragod	38	663	6	83	1	16	3	113			48	875
	<b>Kerala</b>	<b>978</b>	<b>16680</b>	<b>152</b>	<b>2095</b>	<b>14</b>	<b>332</b>	<b>60</b>	<b>2216</b>	<b>5</b>	<b>359</b>	<b>1209</b>	<b>21682</b>

**Table 6.16**

**Kerala Accreditation Standards for Hospitals**

<b>List of Hospitals :</b>
1. Taluk Head Quarters Hospital, Parassala
2. Taluk Head Quarters Hospital, Punalur
3. Community Health Center, Manamboor
4. Primary Health Centers , Chemmaruty
5. Primary Health Centers, Mangalapuram
6. Primary Health Centers, Arakkulam
7. Primary Health Centers, Vattiyoorkkavu
8. Primary Health Centers, Chenkal
9. Primary Health Centers, Keezhattingal
10. Community Health Center, Vellarada
11. Community Health Center, Pappally
12. Primary Health Centers, Thiruvambadi
13. Primary Health Centers, Karavalur
14. Primary Health Centers, Edayarikkapuzha
<b>National Accreditation Board for Hospitals and Health Care Providers - Quality Council of India</b>
<b>List of Hospitals:</b>
1. General Hospital, Ernakulam
2. Women & Children Hospital, Thycadu
3. Taluk Hospital, Cherthala
4. Women & Children Hospital, Kozhikkode
5. Blood Bank, Aluva