



HEALTH AT A GLANCE 2018





GOVERNMENT OF KERALA

HEALTH AT A GLANCE 2018



Directorate of Health Services

PREPARED
BY
HEALTH INFORMATION CELL

PREFACE

The present publication titled "Health at a Glance 2018" provides basic Statistics about the health scenario of Kerala. This data base will be guiding factor for the policy making process of health related activities under Government of Kerala. This can be good source of reference to the research scholars in the field of health and sectors. I congratulate the staff of Health Information Cell and District Statistics Wing for their efforts in compiling these data from various primary as well as secondary sources.

Thiruvananthapuram

18/12/2018

Dr Saritha RL

Director of health service

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General Information

Geographical Area (Km²)		38863
Rural Area (Km²)		35611.14
Urban Area (Km²)		3251.86
Districts		14
Taluks		75
Panchayaths		941
Number of Panchayath wards		15962
Blocks		152
Revenue Villages (including group village)		1664
Towns		520
Number of City Corporations		6
No. of Corp. Wards		414
Municipalities		87
No. of Municipal Wards		3078
Population (2011 Census Provisional)	Total	33406061
	Male	16027412
	Female	17378649
	Urban	17471135
	Rural	15934926
Sex Ratio (2011 Census)		1084
Percentage of Population below Poverty line 2011-12 (RBI)	Total	7.05
	Rural	9.14
	Urban	4.97
Scheduled Caste Population (2011 Census)	Total	3039573
	Male	1477808
	Female	1561765
Scheduled Tribe Population (2011 Census)	Total	484839
	Male	238203
	Female	246636
0 to 6 Populations (2011 Census)	Total	3472955
	Male	1768244
	Female	1704711
	Sex Ratio (Child)	964
Density of Population (2011 Census)		860 persons/Km²
Literacy Rate (2011 Census)		94.00%
	Male	96.11%
	Female	92.07%

Health Indicators

Sl.No.	Indicator		Kerala	India	
1	Birth Rate Rate 2016#	Rural	14.30	22.10	
		Urban	14.40	17.00	
		Total	14.30	20.40	
2	Death Rate Rate 2016#	Rural	7.30	6.90	
		Urban	7.80	5.40	
		Total	7.60	6.40	
		Rural	Male	8.20	7.30
			Female	6.40	6.40
		Urban	Male	8.90	5.80
			Female	6.90	4.90
		Total	Male	8.50	6.80
			Female	6.70	5.90
3	Natural Growth Rate Rate	Rural	7.00	15.20	
		Urban	6.50	11.70	
		Total	6.80	14.00	
4	Infant Mortality Rate Rate 2016#	Rural	10.00	38.00	
		Urban	10.00	23.00	
		Total	10.00	34.00	
		Rural	Male	10.00	37.00
			Female	11.00	40.00
		Urban	Male	8.00	22.00
			Female	11.00	25.00
		Total	Male	9.00	33.00
			Female	11.00	36.00
5	Neo Natal Mortality Rate 2016#	Rural	7.00	27.00	
		Urban	4.00	14.00	
		Total	6.00	24.00	
6	Perinatal Mortality Rate 2016#	Rural	9.00	26.00	
		Urban	11.00	14.00	
		Total	10.00	23.00	
7	Child Mortality Rate 2016#	Rural	2.00	11.00	
		Urban	2.00	6.00	
		Total	2.00	9.00	
8	Under 5 mortality Rate 2016#	Rural	12.00	43.00	
		Urban	10.00	25.00	
		Total	11.00	39.00	
9	Early Neo-natal Mortality Rate 2016#	Rural	5.00	21.00	
		Urban	3.00	11.00	
		Total	4.00	18.00	
10	Late Neo-natal Mortality Rate 2016#	Rural	2.00	6.00	
		Urban	1.00	3.00	
		Total	2.00	5.00	
11	Post Neo-natal Mortality Rate 2016#	Rural	3.00	11.00	
		Urban	5.00	9.00	
		Total	4.00	11.00	
12	Death Rate 2016#				
		(a) Children (0-4)	Rural	2.40	10.70
			Urban	2.00	6.00
			Total	2.30	9.40

	(b) Children (5-14)	Rural	0.10	0.70
		Urban	0.40	0.30
		Total	0.20	0.60
	(c) Children (15-49)	Rural	2.50	3.40
		Urban	2.50	2.60
		Total	2.50	3.10
	(d) persons (60 and above)	Rural	41.00	44.50
		Urban	46.20	36.50
		Total	43.50	41.90
	(e)Percentage of death receiving medical attention*			
		Government	41.60	28.50
		Private	35.80	17.70
		Qualified professional	15.70	33.80
		Untrained/oters	6.90	20.10
13	Still Birth Rate 2016#	Rural	4.00	5.00
		Urban	8.00	3.00
		Total	6.00	4.00
14	Total Fertility Rate 2016#	Rural	1.80	2.50
		Urban	1.80	1.80
		Total	1.80	2.30
15	General Fertility Rate 2016#	Rural	51.50	81.80
		Urban	50.70	59.50
		Total	51.10	74.40
16	Total Marital Fertility Rate 2016#	Rural	4.10	5.00
		Urban	3.50	4.10
		Total	3.80	4.80
17	Gross Reproduction Rate 2016#	Rural	0.80	1.20
		Urban	0.80	0.80
		Total	0.80	1.10
18	Female age at effective marriage Rate 2016#			
	(a) Below 18	Rural	17.00	16.70
		Urban	16.80	16.80
		Total	16.90	16.80
	(b) 18-20	Rural	19.10	19.10
		Urban	19.00	19.20
		Total	19.00	19.10
	© Above 21	Rural	24.60	23.60
		Urban	24.40	24.60
		Total	24.50	24.00
	(d) All age	Rural	23.10	21.70
		Urban	23.20	23.10
		Total	23.10	22.20
19	Couple Protection		62.30	52.00
20	Maternal Mortality Ratio 2014-16#		46.00	130.00
21	Expectancy of Life at Birth 2011-15**	Male	72.19	66.87
		Female	78.15	69.96
		Total	75.20	68.34
	# SRS Bulletin 2016#			

\$ MMR Bulletin 2014-16

** Life Table SRS

Table 1																		
Number of Modern Medicine Institutions Under																		
Department of Health Services 2016-17 (As on 31/03/2017)																		
SL NO	DISTRICT	GH	DH	THOH	TH	CHC	24 X 7 PHC	PHC	DTBC	Others	SPECIALITY HOSPITAL					TOTAL	SUB CENTRES	GRAND TOTAL
											W&CH	MHC	TB	LEP	SPECIALITY (OTHERS)			
1	Thiruvananthapuram	2	2	2	5	23	6	63	1	9	1	1	1	0	2	118	478	596
2	Kollam	0	1	4	4	17	6	52	1	1	1	0	1	0	0	88	421	509
3	Pathanamthitta	2	1	4	0	12	5	38	1	4	0	0	0	0	0	67	261	328
4	Alappuzha	1	2	6	0	16	17	42	1	1	1	0	1	1	1	90	366	456
5	Kottayam	4	0	3	0	20	12	43	1	0	0	0	0	0	1	84	333	417
6	Idukki	0	2	3	1	13	11	30	1	2	0	0	0	0	0	63	308	371
7	Ernakulam	2	1	5	6	23	33	42	1	1	1	0	0	0	0	115	410	525
8	Thrissur	2	1	3	3	24	11	68	1	3	0	1	0	1	0	118	472	590
9	Palakkad	0	1	4	2	19	11	65	1	9	1	0	0	0	1	114	504	618
10	Malappuram	1	3	3	3	22	19	65	1	6	0	0	1	0	0	124	589	713
11	Kozhikode	1	1	1	6	16	6	57	1	0	1	1	0	1	0	92	401	493
12	Wayanad	1	1	2	0	9	8	15	1	5	0	0	0	0	0	42	204	246
13	Kannur	1	1	1	8	9	13	70	1	3	1	0	0	0	0	108	414	522
14	Kasragod	1	1	0	2	9	10	30	1	3	0	0	0	0	0	57	247	304
Total		18	18	41	40	232	168	680	14	47	7	3	4	3	5	1280	5408	6688

BED STRENGTH

Number of Modern Medicine Institutions Under Department of Health Services

SL NO	DISTRICT	GH						DH						THQH					
		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL	
		NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED
1	Thiruvananthapuram	0	0	2	1183	2	1183	0	0	2	562	2	562	2	362	0	0	2	362
2	Kollam	0	0	0	0	0	0	0	0	1	537	1	537	1	140	3	550	4	690
3	Pathanamthitta	0	0	2	714	2	714	1	210	0	0	1	210	3	257	1	175	4	432
4	Alappuzha	0	0	1	400	1	400	0	0	2	487	2	487	3	148	3	526	6	674
5	Kottayam	1	142	3	922	4	1064	0	0	0	0	0	0	2	279	1	272	3	551
6	Idukki	0	0	0	0	0	0	1	130	1	144	2	274	3	224	0	0	3	224
7	Ernakulam	0	0	2	1049	2	1049	0	0	1	227	1	227	0	0	5	930	5	930
8	Thrissur	0	0	2	456	2	456	1	117	0	0	1	117	0	0	3	460	3	460
9	Palakkad	0	0	0	0	0	0	0	0	1	544	1	544	1	154	3	404	4	558
10	Malappuram	0	0	1	501	1	501	0	0	3	483	3	483	0	0	3	398	3	398
11	Kozhikode	0	0	1	550	1	550	0	0	1	210	1	210	0	0	1	159	1	159
12	Wayanad	0	0	1	250	1	250	0	0	1	500	1	500	1	129	1	57	2	186
13	Kannur	0	0	1	541	1	541	0	0	1	616	1	616	0	0	1	171	1	171
14	Kasragod	0	0	1	212	1	212	0	0	1	400	1	400	0	0	0	0	0	0
TOTAL		1	142	17	6778	18	6920	3	457	15	4710	18	5167	16	1693	25	4102	41	5795

(GH: General Hospital, DH: District Hospital, THQH: Taluk Head Quarters Hospital, TH: Taluk Hospital, CHC: Community Health Centre, PHC: Primary Health Centre, DTBC: District TB Centre, W&CH: Women & Children Hospital, MHC: Mental Health Centre, TB: TB Hospital, LEP: Leprocy Hospital)

BED STRENGTH

Number of Modern Medicine Institutions Under Department of Health Services

SL NO	DISTRICT	TH						CHC						24X7 PHCs					
		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL	
		NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED
1	Thiruvananthapuram	1	261	4	65	5	326	21	579	2	113	23	692	2	38	4	29	6	67
2	Kollam	3	183	1	66	4	249	2	415	15	28	17	443	6	114	0	0	6	114
3	Pathanamthitta	0	0	0	0	0	0	12	222	0	0	12	222	4	96	1	0	5	96
4	Alappuzha	0	0	0	0	0	0	16	424	0	0	16	424	17	254	0	0	17	254
5	Kottayam	0	0	0	0	0	0	20	734	0	0	20	734	10	240	2	48	12	288
6	Idukki	0	0	1	30	1	30	13	282	0	0	13	282	11	164	0	0	11	164
7	Ernakulam	2	119	4	404	6	523	21	651	2	124	23	775	29	800	4	48	33	848
8	Thrissur	2	107	1	124	3	231	23	788	1	18	24	806	11	166	0	0	11	166
9	Palakkad	1	34	1	76	2	110	17	546	2	77	19	623	11	206	0	0	11	206
10	Malappuram	3	99	0	0	3	99	18	380	4	112	22	492	18	286	1	16	19	302
11	Kozhikode	5	394	1	24	6	418	13	235	3	48	16	283	4	58	2	30	6	88
12	Wayanad	0	0	0	0	0	0	9	267	0	0	9	267	8	140	0	0	8	140
13	Kannur	4	172	4	401	8	573	7	243	2	62	9	305	12	220	1	24	13	244
14	Kasragod	1	42	1	42	2	84	9	223	0	0	9	223	10	168	0	0	10	168
TOTAL		22	1411	18	1232	40	2643	201	5989	31	582	232	6571	153	2950	15	195	168	3145

(GH: General Hospital, DH: District Hospital, THQH: Taluk Head Quarters Hospital, TH: Taluk Hospital, CHC: Community Health Centre, PHC: Primary Health Centre, DTBC: District TB Centre, W&CH: Women & Children Hospital, MHC: Mental Health Centre, TB: TB Hospital, LEP: Leprocy Hospital)

BED STRENGTH

Number of Modern Medicine Institutions Under Department of Health Services

SL NO	DISTRICT	PHC						DTBC						OTHERS					
		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL	
		NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED
1	Thiruvananthapuram	55	124	8	34	63	158	0	0	1	0	1	0	1	0	8	46	9	46
2	Kollam	48	32	4	0	52	32	0	0	1	0	1	0	0	0	1	0	1	0
3	Pathanamthitta	37	264	1	0	38	264	1	0	0	0	1	0	4	10	0	0	4	10
4	Alappuzha	42	54	0	0	42	54	0	0	1	24	1	24	1	0	0	0	1	0
5	Kottayam	42	30	1	0	43	30	0	0	1	0	1	0	0	0	0	0	0	0
6	Idukki	30	122	0	0	30	122	1	0	0	0	1	0	1	0	1	0	2	0
7	Ernakulam	37	60	5	0	42	60	0	0	1	0	1	0	0	0	1	0	1	0
8	Thrissur	59	256	9	6	68	262	0	0	1	0	1	0	2	0	1	0	3	0
9	Palakkad	64	414	1	0	65	414	0	0	1	0	1	0	9	10	0	0	9	10
10	Malappuram	62	140	3	0	65	140	0	0	1	0	1	0	4	0	2	36	6	36
11	Kozhikode	53	80	4	0	57	80	0	0	1	0	1	0	0	0	0	0	0	0
12	Wayanad	13	24	2	0	15	24	0	0	1	0	1	0	2	0	3	0	5	0
13	Kannur	60	394	10	0	70	394	0	0	1	0	1	0	2	46	1	0	3	46
14	Kasragod	29	0	1	0	30	0	0	0	1	0	1	0	2	0	1	0	3	0
Total		631	1994	49	40	680	2034	2	0	12	24	14	24	28	66	19	82	47	148

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BED STRENGTH

Number of Modern Medicine Institutions Under Department of Health Services

SL NO	DISTRICT	SPECIALITY HOSPITALS																	
		W&C						MHC						TB					
		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL	
		NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED
1	Thiruvananthapuram	0	0	1	428	1	428	0	0	1	507	1	507	0	0	1	508	1	508
2	Kollam	0	0	1	273	1	273	0	0	0	0	0	0	0	0	1	50	1	50
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	1	308	1	308	0	0	0	0	0	0	1	12	0	0	1	12
5	Kottayam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	0	0	1	132	1	132	0	0	0	0	0	0	0	0	0	0	0	0
8	Thrissur	0	0	0	0	0	0	0	0	1	361	1	361	0	0	0	0	0	0
9	Palakkad	0	0	1	103	1	103	0	0	0	0	0	0	0	0	0	0	0	0
10	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	52	1	52
11	Kozhikode	0	0	1	295	1	295	0	0	1	474	1	474	0	0	0	0	0	0
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	0	0	1	100	1	100	0	0	0	0	0	0	0	0	0	0	0	0
14	Kasragod	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	0	7	1639	7	1639	0	0	3	1342	3	1342	1	12	3	610	4	622

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BED STRENGTH

Number of Modern Medicine Institutions Under Department of Health Services

SL NO	DISTRICT	SPECIALITY HOSPITAL												GRAND TOTAL					
		LEP						SPECIALITY OTHERS						RURAL		URBAN		TOTAL	
		RURAL		URBAN		TOTAL		RURAL		URBAN		TOTAL		NO	BED	NO	BED	NO	BED
		NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED	NO	BED
1	Thiruvananthapuram	0	0	0	0	0	0	0	0	2	40	2	40	82	1364	36	3515	118	4879
2	Kollam	0	0	0	0	0	0	0	0	0	0	0	0	60	884	28	1504	88	2388
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	62	1059	5	889	67	1948
4	Alappuzha	1	767	0	0	1	767	1	20	0	0	1	20	82	1679	8	1745	90	3424
5	Kottayam	0	0	0	0	0	0	1	150	0	0	1	150	76	1575	8	1242	84	2817
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	60	922	3	174	63	1096
7	Ernakulam	0	0	0	0	0	0	0	0	0	0	0	0	89	1630	26	2914	115	4544
8	Thrissur	1	660	0	0	1	660	0	0	0	0	0	0	99	2094	19	1425	118	3519
9	Palakkad	0	0	0	0	0	0	1	54	0	0	1	54	104	1418	10	1204	114	2622
10	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0	105	905	19	1598	124	2503
11	Kozhikode	0	0	1	263	1	263	0	0	0	0	0	0	75	767	17	2053	92	2820
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	33	560	9	807	42	1367
13	Kannur	0	0	0	0	0	0	0	0	0	0	0	0	85	1075	23	1915	108	2990
14	Kasragod	0	0	0	0	0	0	0	0	0	0	0	0	51	433	6	654	57	1087
TOTAL		2	1427	1	263	3	1690	3	224	2	40	5	264	1063	16365	217	21639	1280	38004

(GH: General Hospital, DH: District Hospital, THQH: Taluk Head Quarters Hospital, TH: Taluk Hospital, CHC: Community Health Centre, PHC: Primary Health Centre, DTBC: District TB Centre, W&CH: Women & Children Hospital, MHC: Mental Health Centre, TB: TB Hospital, LEP: Leprocy Hospital)

Table 1.1			
Health Infrastructure in Kerala 2016-17 (as on 31-03-2017)			
Sl.No.	Institutions	Number	Beds
	Total Govt. Modern Medicine Institutions	1280	38004
1	General Hospitals	18	6920
2	District Hospitals	18	5167
3	Speciality Hospital	22	5557
4	Taluk Hospital	81	8438
5	Community Health Centers	232	6571
6(a)	Primary Health Centers	680	2034
(b)	24X7 Primary Health Centers	168	3145
	Total PHC (6a+b)	848	5179
7	T.B. Centers/Clinics	14	24
8	Other Institutions	47	148
	Speciality Hospital Category wise		
1	W & C Hospitals	7	1639
2	Mental Health Center	3	1342
3	T.B.	4	622
4	Leprocy Hospital	3	1690
5	Others	5	264
	Total	22	5557

Table 1.1			
Health Infrastructure in Kerala 2016-17 (as on 31-03-2017)			
Sl.No.	Institutions	Number	Beds
	Total Govt. Modern Medicine Institutions	1280	38004
1	General Hospitals	18	6920
2	District Hospitals	18	5167
3	Speciality Hospital	22	5557
4	Taluk Hospital	81	8438
5	Community Health Centers	232	6571
6(a)	Primary Health Centers	680	2034
(b)	24X7 Primary Health Centers	168	3145
	Total PHC (6a+b)	848	5179
7	T.B. Centers/Clinics	14	24
8	Other Institutions	47	148
	Speciality Hospital Category wise		
1	W & C Hospitals	7	1639
2	Mental Health Center	3	1342
3	T.B.	4	622
4	Leprosy Hospital	3	1690
5	Others	5	264
	Total	22	5557

Table 1.3				
Doctor Bed Ratio (Government - Modern Medicine)				
SI No	District	No. of Bed	No. of Doctors	Doctor Bed Ratio 2016-17
1	Thiruvananthapuram	4879	543	8.99
2	Kollam	2388	307	7.78
3	Pathanamthitta	1948	280	6.96
4	Alappuzha	3424	374	9.16
5	Kottayam	2817	367	7.68
6	Idukki	1096	219	5.00
7	Ernakulam	4544	492	9.24
8	Thrissur	3519	429	8.20
9	Palakkad	2622	369	7.11
10	Malappuram	2503	452	5.54
11	Kozhikkode	2820	335	8.42
12	Wayanad	1367	177	7.72
13	Kannur	2990	425	7.04
14	Kasaragod	1087	198	5.49
15	State	38004	4967	7.65

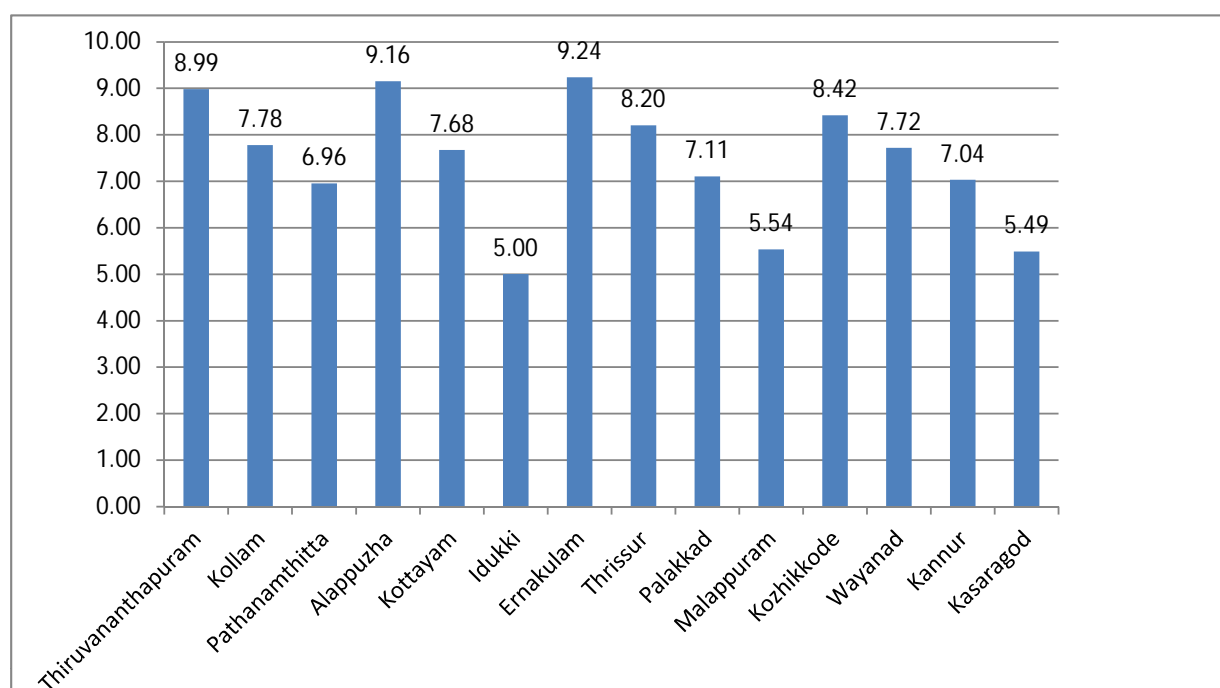


Table 1.4
**Bed Population Ratio
Government Modern Medicine**

Sl.No.	District	Population(Census 2011)	No. of Beds	Population Bed Ratio
1	Thiruvananthapuram	3301427	4879	677
2	Kollam	2635375	2388	1104
3	Pathanamthitta	1197412	1948	615
4	Alappuzha	2127789	3424	621
5	Kottayam	1974551	2817	701
6	Idukki	1108974	1096	1012
7	Ernakulam	3282388	4544	722
8	Thrissur	3121200	3519	887
9	Palakkad	2809934	2622	1072
10	Malappuram	4112920	2503	1643
11	Kozhikode	3086293	2820	1094
12	Wayanad	817420	1367	598
13	Kannur	2523003	2990	844
14	Kasaragod	1307375	1087	1203
	State	33406061	38004	879

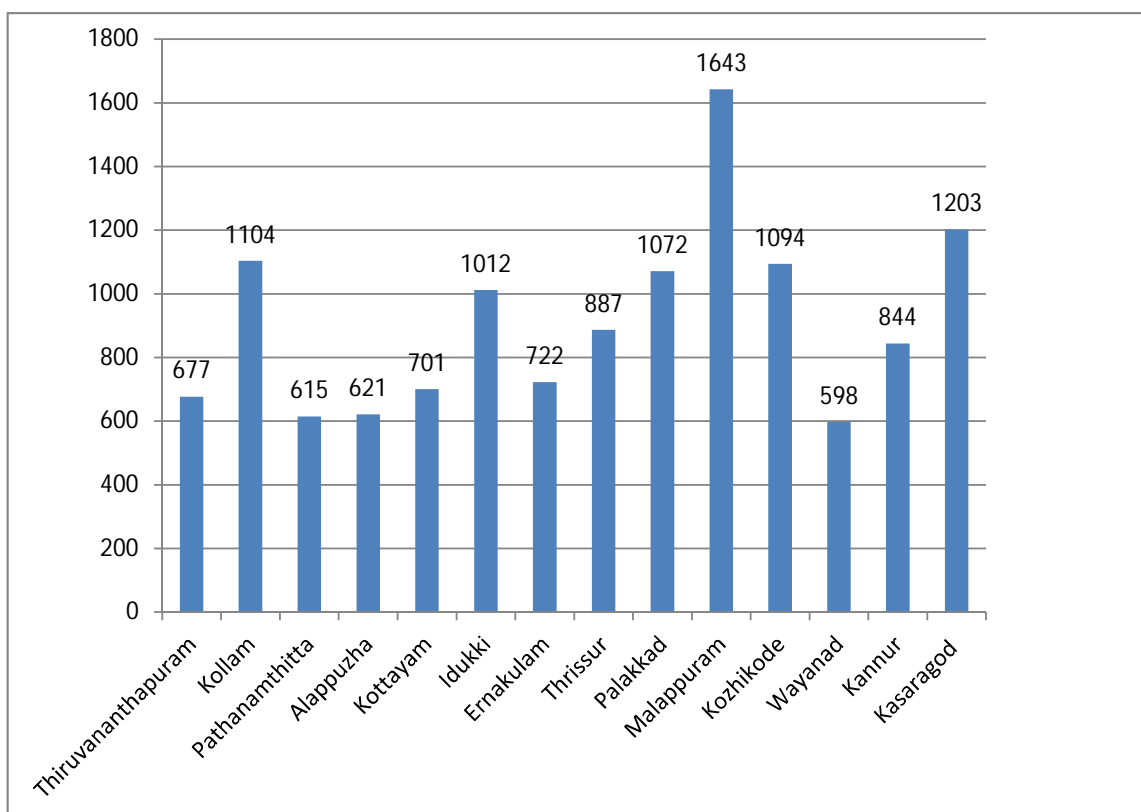


Table 1.5					
Details of IP & OP Kerala					
2009-10 TO 2016-17					
YEAR	IN PATIENTS				OUT PATIENTS
	MALE	FEMALE	CHILDREN	TOTAL	
2009-10	564904	741923	357681	1664508	55150452
2010-11	807136	1080601	578424	2466161	66273237
2011-12	890571	1206260	785988	2882819	63871138
2012-13	1010564	1361843	723627	3096034	74909764
2013-14	1044817	1477465	705428	3227710	83141930
2014-15	1029295	1503722	716231	3249248	98570874
2015-16	1055173	1526353	748582	3330108	110035069
2016-17	1126513	1541055	788893	3454875	115081112

Table 2									
Family Welfare Achievement									
District	2014-15			2015-16			2016-17		
	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	Total Number of pregnant women Registered for ANC	TT1 Given to Pregnant Women	TT2 or Booster Given to Pregnant Women
Alappuzha	25347	20811	20397	23653	18826	18697	24259	17741	17865
Eranakulam	39514	36148	34261	37730	35755	33101	37894	30306	27916
Idukki	14140	13616	12670	13085	13498	12341	13416	12574	11608
Kannur	42187	34436	34247	40120	30630	30338	41047	30715	29658
Kasargod	24948	20542	20056	24492	21155	19500	25076	21924	20208
Kollam	35768	31067	27412	33475	29242	26378	33607	30451	26416
Kottayam	21375	20045	18033	19595	18802	17795	20247	19262	17687
Kozhikode	49309	38838	39403	47950	40627	39285	50263	44155	41744
Malapuram	94881	77688	73934	91647	79604	75783	95207	83963	78015
Palakkad	43919	37068	35750	41571	36402	35489	43112	40511	38933
Pathanamthitta	13727	13192	12331	12528	13560	12140	12713	14290	12938
Thiruvananthapuram	38244	34698	32043	38564	34451	30981	39451	33669	30987
Thrissur	42117	34261	32377	40146	32122	30551	40752	29488	27785
Wayanad	14331	11946	12068	13736	11705	11456	13986	11818	11121
Kerala	499807	424356	404982	478292	416379	393835	491030	420867	392881

Table2.1								
<i>Family Welfare achievement</i>								
State Performance of Deliveries (2016-2017)								
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	16	7802	9237	17055	3668	5268	8936
2	Ernakulam	25	6545	31911	38481	3657	16969	20626
3	Idukki	51	3295	7822	11168	1670	3969	5639
4	Kannur	17	9497	31993	41507	4574	13096	17670
5	Kasaragod	22	3125	15960	19107	828	3990	4818
6	Kollam	22	8674	17091	25787	4364	9960	14324
7	Kottayam	3	8288	14119	22410	3415	6944	10359
8	Kozhikkode	9	21604	31705	52778	7671	12619	20290
9	Malappuram	208	10484	74676	85368	3273	22819	26092
10	Palakkad	49	8147	26854	34987	2962	9143	12105
11	Pathanamthitta	14	3753	9900	13667	1735	6301	8036
12	Thiruvananthapura	17	20648	19804	40469	8482	9907	18389
13	Thrissur	15	8098	32681	40794	3209	14288	17497
14	Wayanad	135	4137	9469	13741	1073	2967	4040
15	KERALA	603	124097	333222	457922	50581	138240	188821

Table 2.2					
Family Welfare Achievement					
Achievement of Family Welfare Technique Wise Performance-(2016-2017)					
DISTRICT	CONTRACEPTIVES				
	IUD INSERTIONS			CONDOMS DISTRIBUTED	ORAL PILLS CYCLES/DISTRI- BUTED
	Public	Private	Total	Public	Public
Alappuzha	2469	121	2590	280820	8333
Eranakulam	3550	953	4503	558644	19950
Idukki	2423	95	2518	176110	3047
Kannur	3380	129	3509	170243	3575
Kasargod	2626	255	2881	155798	4444
Kollam	3036	385	3421	264493	6958
Kottayam	4347	270	4617	393836	10189
Kozhikode	3940	511	4451	462241	7808
Malapuram	3253	2028	5281	415797	4446
Palakkad	4334	566	4900	463524	8454
Pathanamthitta	1895	203	2098	83698	1421
Thiruvananthapuram	3196	622	3818	831722	11803
Thrissur	3513	1018	4531	327134	9419
Wayanad	1487	307	1794	82414	1961
Kerala	43449	7463	50912	4666474	101808

Table 2.3															
Family Welfare Achievement															
Achievement of Family Welfare Technique Wise Performance-(2016-2017)															
DISTRICT	STERILIZATION DETAILS														
	NSV/CONVEN-TIONAL			POST PARTUM STERILI-			MINI LAP			LAPORO-SCOPY			TOTAL STERILI-ZATION		
	Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total
Alappuzha	233	7	240	1679	1595	3274	82	68	150	432	94	526	2426	1764	4190
Eranakulam	82	19	101	1843	3432	5275	3	251	254	454	900	1354	2382	4602	6984
Idukki	46	0	46	821	989	1810	54	79	133	187	53	240	1108	1121	2229
Kannur	58	1	59	2182	2900	5082	52	309	361	553	554	1107	2845	3764	6609
Kasargod	51	0	51	506	477	983	3	140	143	347	156	503	907	773	1680
Kollam	31	1	32	2975	3638	6613	176	267	443	274	312	586	3456	4218	7674
Kottayam	101	0	101	1685	821	2506	48	13	61	575	284	859	2409	1118	3527
Kozhikode	24	0	24	3981	2989	6970	205	191	396	893	374	1267	5103	3554	8657
Malapuram	42	1	43	1616	4788	6404	235	355	590	459	956	1415	2352	6100	8452
Palakkad	19	1	20	2210	3394	5604	69	373	442	2278	596	2874	4576	4364	8940
Pathanamthitta	4	0	4	1116	1134	2250	82	80	162	268	201	469	1470	1415	2885
Thiruvananthapuram	59	2	61	2941	1907	4848	136	357	493	2279	909	3188	5415	3175	8590
Thrissur	56	0	56	1384	2856	4240	104	433	537	939	664	1603	2483	3953	6436
Wayanad	67	0	67	667	743	1410	80	81	161	39	96	135	853	920	1773
Kerala	873	32	905	25606	31663	57269	1329	2997	4326	9977	6149	16126	37785	40841	78626

Table 2.4***Family Welfare achievement******Achievement on Immunisation 2016-17***

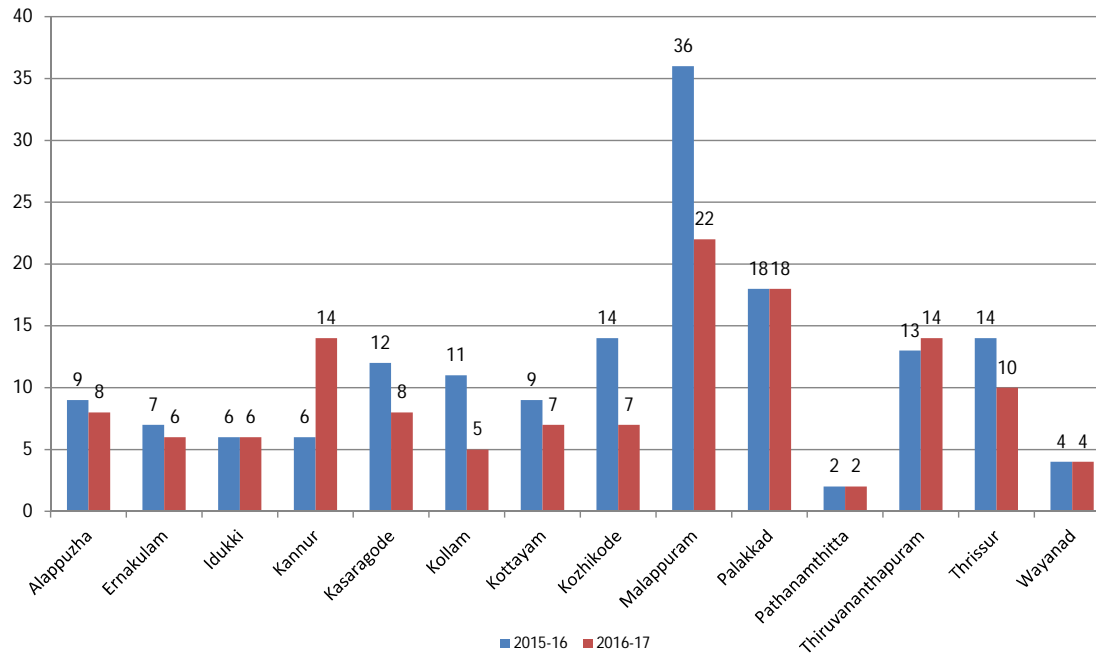
District	BCG	Pentavalent - 1	Pentavalent - 2	Pentavalent - 3	OPV 0 (Birth Dose)	OPV1	OPV2	OPV3	Hepatitis-B0	Measles
Alappuzha	17375	21809	22168	21970	17222	21658	22069	21797	12462	22320
Eranakulam	38234	40359	40623	40420	37607	40375	40647	40456	20053	41665
Idukki	12784	13862	13792	13423	11743	13856	13787	13403	9265	13129
Kannur	40772	39276	37709	37654	39263	38618	37003	36958	22024	38764
Kasargod	19240	23487	23418	22897	18356	23547	23460	22955	8167	23248
Kollam	26267	30023	31405	31482	27131	30023	31405	31482	23363	31713
Kottayam	23633	22987	22131	21814	23523	22988	22134	21819	21507	21791
Kozhikode	53403	48249	47803	47075	51907	48135	47771	47096	34120	43505
Malapuram	85348	87903	85856	82967	74097	85566	83481	80113	29557	81832
Palakkad	36233	40391	40801	40600	36239	40018	40543	40256	19429	44140
Pathanamthitta	14132	15068	14390	14164	14110	15069	14391	14167	13122	13195
Thiruvananthapuram	41840	42448	42963	42945	41113	42389	42877	42551	33148	41340
Thrissur	40018	42261	42886	42346	39367	42924	42835	42670	23196	42290
Wayanad	13980	13614	13562	13099	13479	13526	13499	13222	13484	12853
Kerala	463259	481737	479507	472856	445157	478692	475902	468945	282897	471785

Table 3

District Wise Deliveries , Maternal Death and MMR*										
2014-15 , 2015-16, 2016-17										
Sl.No	District	Deliveries			Maternal Death			MMR		
		2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
1	Alappuzha	19373	18555	17055	8	9	8	41	49	47
2	Ernakulam	41131	40903	38481	8	7	6	19	17	16
3	Idukki	12604	11766	11168	0	6	6	0	51	54
4	Kannur	44649	43681	41507	11	6	14	25	14	34
5	Kasaragode	20896	20539	19107	6	12	8	29	58	42
6	Kollam	29159	28673	25787	16	11	5	55	38	19
7	Kottayam	25426	24571	22410	6	9	7	24	37	31
8	Kozhikode	56301	54475	52778	17	14	7	30	26	13
9	Malappuram	87268	86251	85375	31	36	22	36	42	26
10	Palakkad	38265	37133	34987	18	18	18	47	48	51
11	Pathanamthitta	15215	14594	13667	4	2	2	26	14	15
12	Thiruvananthapuram	45158	42631	40469	10	13	14	22	30	35
13	Thrissur	45211	43536	40794	12	14	10	27	32	25
14	Wayanad	13823	14080	13741	11	4	4	80	28	29
State		494479	481388	457326	158	161	131	32	33	29

* DHS data

Maternal Death 2015-16 and 2016-17



Maternal Mortality Ratio 2015-16 and 2016-17

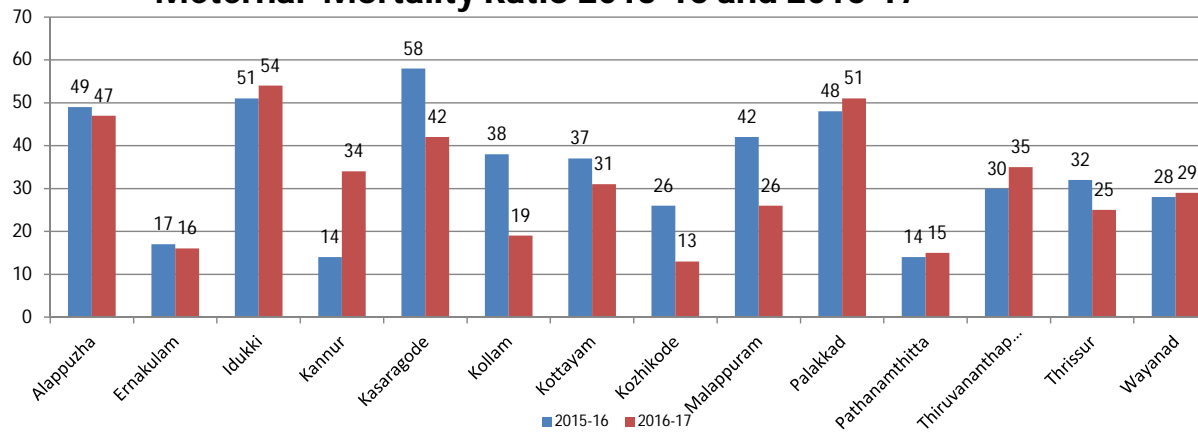


Table 3.1

District Wise Maternal Death 2000-2001 TO 2016-17

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	2013-'14	2014-'15	2015-'16	2016-17
1	Alappuzha	6	5	6	8	5	5	7	6	7	7	3	7	6	9	8	9	8
2	Ernakulam	17	12	6	12	7	12	8	9	15	21	22	15	7	17	8	7	6
3	Idukki	5	1	8	7	7	11	3	10	3	7	10	3	5	7	0	6	6
4	Kannur	17	19	8	8	9	12	7	7	9	12	12	7	9	16	11	6	14
5	Kasaragod	13	12	9	8	6	8	5	5	11	8	6	6	10	14	6	12	8
6	Kollam	13	18	16	21	11	15	9	6	13	16	23	22	6	14	16	11	5
7	Kottayam	9	17	5	8	5	11	6	6	10	11	8	6	11	6	6	9	7
8	Kozhikkode	34	25	28	26	13	13	13	29	15	4	16	13	9	13	17	14	7
9	Malappuram	34	25	32	16	22	30	30	37	35	31	23	16	40	29	31	36	22
10	Palakkad	25	35	20	19	20	22	24	31	21	16	23	10	14	14	18	18	18
11	Pathanamthitta	10	9	1	2	6	5	2	5	4	5	5	9	4	6	4	2	2
12	Thiruvananthapuram	32	28	19	25	6	11	20	7	11	15	19	7	18	14	10	13	14
13	Thrissur	10	8	16	8	15	8	6	11	17	16	14	10	13	15	12	14	10
14	Wayanad	16	13	17	6	8	9	7	3	8	7	6	2	13	8	11	4	4
State		241	227	191	174	140	172	147	172	179	176	190	133	165	182	158	161	131

Table 3.2

District Wise Infant Death & IMR							
2015-16 , 2016-17							
Sl.No	District	No Of Children		Infant Death		IMR	
		2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
1	Alappuzha	18718	17208	130	118	7	7
2	Ernakulam	41345	39126	116	122	3	3
3	Idukki	11814	11171	103	86	9	8
4	Kannur	43817	41594	187	181	4	4
5	Kasaragode	20649	19146	161	193	8	10
6	Kollam	28841	25900	197	167	7	6
7	Kottayam	24631	22521	105	113	4	5
8	Kozhikode	54660	53280	262	220	5	4
9	Malappuram	86602	85632	547	546	6	6
10	Palakkad	37312	35275	262	204	7	6
11	Pathanamthitta	14805	13863	69	46	5	3
12	Thiruvananthapuram	42878	39610	228	235	5	6
13	Thrissur	43882	41298	201	194	5	5
14	Wayanad	14137	13772	137	110	10	8
KERALA		484091	459396	2705	2535	6	6

Table 4
Prevalence Rate of Diseases 2016

Sl. No.	Name of the Disease	Case in 2016	Prevalence Rate(Per 1000 population) 2016
1	Leprosy	706	0.02
2	Filaria	490	0.01
3	Malaria	1547	0.05
4	Pulmonary Tuberculosis	13276	0.40
	Total TB Cases	18767	0.56
5	Acute Diarrhoeal Diseases	493973	14.79
6	Pneumonia	206	0.01
7	Enteric Fever	1668	0.05
8	Measles	1064	0.03
9	Acute Respiratory Infection	6053612	181.21
10	Chickenpox	21923	0.66
11	Viral Hepatitis - A	1351	0.04

Table 4.1

Performance of RNTCP - Kerala State - 1997 to 2016

Year	Total Cases	Total Annualized case detection rate/lakh population	Smear Positive Cases	Annualized New Smear Positive Case notification rate	Cure Rate %
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
2013	24203	72	11036	33	81
2014	23497	68	10917	32	82
2015	22858	70	10589	31	84
2016	21405	63	9951	29	82

Table 4.2
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 GH	0471-2221935
7		Nedumangadu DH	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	0474 - 2748985
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	0479-2491933
19		Alappuzha DTC	0477-2252861
20	District TB Centre, Kottayam 0481 - 2303965	Vaikom THQH	04829-221261
21		Kanhirapally GH	04828-202292
22		Kottayam DTC	0481-2303965
23		Changanassery GH	0481-2402329
24		Pala, Gen. Hospital	0482-2215154
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	Eranakulam DTC	
30		Kochi THQH	0484-2216444
31		Kothamangalam THQH	0485-2822603
32		Perumbavoor THQH	0484-2523138
33		Moovattupuzha GH	0485-2832360
34		Aluva DH	0484-2629242
35		North Paravur THQH	0484-2442365

36	District TB Centre, Thrissur 0487 - 2428886	Thrissur DTC	
37		Vadakkanchery DH	04884-232221
38		Chavakkad TH	0487-2501110
39		Kodungallur THQH	0480-2802394
40		Chalakkudy GH	0480-2701823
41		Irinhalakuda THQH	0480-2825213
42	District TB Centre, Palakkad 0491 - 2529545	Pattambi TH	0466-2213769
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	Malappuram DTC	
49		Valanchery 24 X 7 PHC	0494-2646374
50		Vengara CHC	0494-2457242
51		Ponnani THQH	0494-2666039
52		Kondotty CHC	0496-2620241
53		Perinthalmanna DH	04933-227279
54		DH Tirur	
55		Chungathara CHC	04931-231550
56	District TB Centre, Kozhikode 0495 - 2740951	Kozhikode DTC	0495-2740951
57		Mukkom CHC	0495-2297260
58		Balussry TH	0496-2642150
59		Koyilandi THQH	0496-2620241
60		Vadakara DH	0496-2524259
61		Kozhikode Medical College	0495-2430074
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	0497-2733491
66		Payyannur TH	0498-5205716
67		Iritty TH	0490-2491280
68		Koothuparambu TH	0490-2364150
69		Thalassery GH	0490-2322150
70		Thaliparamba THQH	0460-2203298
71	District TB Centre, Kasargode	Kasargode DTC	0499 - 4222480
72		Panathady CHC	0467-2224190
73		Kanhangadu DH	0467-2217018

National Family Health Survey 2015-16 Table: 5

Indicators	TVM	KLM	PTA	ALP	KTM	IDK	EKM	TSR
Population and Household Profile								
1. Population (female) age 6 years and above who ever attended school (%)	95.0	96.8	97.0	97.2	98.7	92.5	97.7	96.5
2. Population below age 15 years (%)	19.7	20.0	16.7	17.5	16.7	17.8	18.8	18.3
3. Sex ratio of the total population (females per 1,000 males)	1,122	1,043	1,105	1,101	1,029	965	1,076	1,075
4. Sex ratio at birth for children born in the last five years (females per 1,000 males)	1,115	851	1,135	1,112	1,077	1,139	1,246	1,120
5. Children under age 5 years whose birth was registered (%)	98.9	99.6	97.3	94.5	96.8	98.4	98.6	96.0
6. Households with electricity (%)	99.3	98.2	99.2	99.5	99.6	99.2	99.9	99.7
7. Households with an improved drinking-water source ¹ (%)	92.7	94.4	93.0	93.4	95.2	92.4	97.0	95.9
8. Households using improved sanitation facility ² (%)	96.8	98.1	97.4	97.0	98.9	94.6	99.3	99.5
9. Households using clean fuel for cooking ³ (%)	52.4	58.8	57.7	64.2	62.6	47.2	79.7	67.5
10. Households using iodized salt (%)	99.2	99.0	99.2	98.2	99.1	99.1	97.7	99.2
11. Households with any usual member covered by a health scheme or health insurance (%)	57.9	45.5	41.9	56.0	50.8	54.2	47.7	38.1
Characteristics of Adults (age 15-49)								
12. Women who are literate (%)	97.2	97.4	98.7	98.7	99.6	94.9	99.2	99.0
13. Men who are literate (%)	100.0	98.0	98.8	98.7	100.0	97.6	100.0	98.8
14. Women with 10 or more years of schooling (%)	68.7	79.1	76.8	73.8	81.4	73.0	83.0	76.4
Marriage and Fertility								
15. Women age 20-24 years married before age 18 years (%)	2.6	3.7	1.2	1.2	1.3	3.7	0.0	2.3
16. Men age 25-29 years married before age 21 years (%)	0.00 *	*	*	*	*	*	*	*
17. Women age 15-19 years who were already mothers or pregnant at the time of the survey (%)	3.5	0.8	1.5	2.1	0.0	0.0	2.4	2.8

Indicators	TVM	KLM	PTA	ALP	KTM	IDK	EKM	TSR
Current Use of Family Planning Methods (currently married women age 15-49 years)								
18. Any method ⁴ (%)	49.1	53.1	50.9	45.1	52.9	63.0	57.8	63.8
19. Any modern method ⁴ (%)	48.0	50.6	49.9	42.7	50.0	61.2	55.0	62.1
20. Female sterilization (%)	42.9	46.2	44.5	36.5	42.2	57.8	49.9	56.9
21. Male sterilization (%)	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.3
22. IUD/PPIUD (%)	1.0	1.8	1.7	3.1	2.0	1.0	1.7	2.1
23. Pill (%)	0.2	0.2	0.2	0.3	0.2	0.2	0.0	0.4
24. Condom (%)	3.6	2.5	3.5	2.6	5.7	1.5	3.2	2.4
Unmet Need for Family Planning (currently married women age 15-49 years)⁵								
25. Total unmet need (%)	14.8	14.5	14.2	17.7	11.2	8.0	11.6	10.3
26. Unmet need for spacing (%)	9.0	8.1	7.1	7.2	7.2	5.2	6.9	7.4
Quality of Family Planning Services								
27. Health worker ever talked to female non-users about family planning (%)	9.5	19.0	22.0	19.2	15.0	11.1	14.8	19.8
28. Current users ever told about side effects of current method ⁶ (%)	(40.20)	56.9	61.7	50.2	66.2	(38.30)	48.4	47.9
Maternal and Child Health								
Maternity Care (for last birth in the 5 years before the survey)								
29. Mothers who had antenatal check-up in the first trimester (%)	94.9	94.1	86.6	93.4	98.0	98.3	93.5	97.2
30. Mothers who had at least 4 antenatal care visits (%)	89.1	88.7	90.0	80.5	85.4	89.9	94.7	83.1
31. Mothers whose last birth was protected against neonatal tetanus ⁷ (%)	95.0	96.5	90.5	91.8	98.3	92.6	97.3	95.9
32. Mothers who consumed iron folic acid for 100 days or more when they were pregnant (%)	57.8	56.7	68.6	54.9	59.4	59.2	71.0	70.3
33. Mothers who had full antenatal care ⁸ (%)	55.0	51.8	61.4	45.3	52.7	54.3	69.3	56.6

Indicators	TVM	KLM	PTA	ALP	KTM	IDK	EKM	TSR
34. Registered pregnancies for which the mother received Mother and Child Protection (MCP) card (%)	79.5	84.8	91.2	87.5	95.5	87.0	83.6	82.8
doctor/nurse/LHV/ANM/midwife/other health personnel within 2 days of delivery (%)	88.0	80.9	92.3	79.6	88.9	86.2	94.8	85.2
36. Mothers who received financial assistance under Janani Suraksha Yojana (JSY) for births delivered in an institution (%)	28.3	21.0	23.9	14.4	33.3	23.3	14.0	18.4
37. Average out of pocket expenditure per delivery in public health facility (Rs.)	8,788	10,299	-7,467	-9,472	6,260	-6,411 *		-5,053
38. Children born at home who were taken to a health facility for check-up within 24 hours of birth (%)	*	*	*	*	*	*	*	*
doctor/nurse/LHV/ANM/ midwife/other health personnel within 2 days of birth (%)	54.6	35.7	50.4	44.3	25.8	33.3	69.5	49.5
Delivery Care (for births in the 5 years before the survey)								
40. Institutional births (%)	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0
41. Institutional births in public facility (%)	50.6	41.6	46.2	44.5	49.4	43.9	19.7	34.7
42. Home delivery conducted by skilled health personnel (out of total deliveries) (%)	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
43. Births assisted by a doctor/nurse/LHV/ANM/other health personnel (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
44. Births delivered by caesarean section (%)	41.0	57.0	52.1	43.6	28.3	47.1	40.0	33.7
45. Births in a private health facility delivered by caesarean section (%)	53.6	60.2	51.4	49.9	43.2	45.8	39.2	34.4
46. Births in a public health facility delivered by caesarean section (%)	28.6	53.3	52.9	35.9	13.0	48.7	(43.30)	(32.50)
Child Immunizations and Vitamin A Supplementation								
47. Children age 12-23 months fully immunized (BCG, measles, and 3 doses each of polio and DPT) (%)	(81.90)	(87.30)	(78.00) *		(95.20) *		(75.90)	(88.30)
48. Children age 12-23 months who have received BCG (%)	(100.00)	(100.00)	(92.50) *		(100.00) *		(100.00)	(100.00)
49. Children age 12-23 months who have received 3 doses of polio vaccine (%)	(87.60)	(87.30)	(96.30) *		(100.00) *		(84.60)	(94.70)
50. Children age 12-23 months who have received 3 doses of DPT vaccine (%)	(87.70)	(98.50)	(89.10) *		(100.00) *		(90.40)	(97.40)
51. Children age 12-23 months who have received measles vaccine (%)	(96.20)	(93.10)	(92.60) *		(95.20) *		(81.60)	(93.60)
52. Children age 12-23 months who have received 3 doses of Hepatitis B vaccine (%)	(80.20)	(85.00)	(77.50) *		(100.00) *		(87.50)	(79.10)

Indicators	TVM	KLM	PTA	ALP	KTM	IDK	EKM	TSR
53. Children age 9-59 months who received a vitamin A dose in last 6 months (%)	89.3	92.1	83.0	86.4	78.4	91.7	73.6	73.3
54. Children age 12-23 months who received most of the vaccinations in public health facility (%)	(55.90)	(82.80)	(71.50)	*	(68.20)	*	(50.90)	(85.40)
55. Children age 12-23 months who received most of the vaccinations in private health facility (%)	(44.10)	(17.20)	(28.50)	*	(31.80)	*	(49.10)	(14.60)
Treatment of Childhood Diseases (children under age 5 years)								
56. Prevalence of diarrhoea (reported) in the last 2 weeks preceding the survey (%)	2.3	2.9	4.0	3.8	0.6	2.8	3.1	0.8
57. Children with diarrhoea in the last 2 weeks who received oral rehydration salts (ORS) (%)	*	*	*	*	*	*	*	*
58. Children with diarrhoea in the last 2 weeks who received zinc (%)	*	*	*	*	*	*	*	*
59. Children with diarrhoea in the last 2 weeks taken to a health facility (%)	*	*	*	*	*	*	*	*
60. Prevalence of symptoms of acute respiratory infection (ARI) in the last 2 weeks preceding the survey (%)	1.1	0.5	1.7	1.4	0.6	2.2	0.0	1.1
61. Children with fever or symptoms of ARI in the last 2 weeks preceding the survey taken to a health facility (%)	*	*	(94.00)	(88.40)	*	*	*	*
Child Feeding Practices and Nutritional Status of Children								
62. Children under age 3 years breastfed within one hour of birth ⁹ (%)	59.5	37.4	44.3	60.2	79.0	57.7	66.3	73.1
63. Children under age 6 months exclusively breastfed ¹⁰ (%)	*	*	*	*	*	*	*	*
64. Children age 6-8 months receiving solid or semi-solid food and breastmilk ¹⁰ (%)	*	*	*	*	*	*	*	*
65. Breastfeeding children age 6-23 months receiving an adequate diet ^{10,11} (%)	(18.70)	(25.40)	(25.50)	(5.40)	(23.30)	(18.80)	(25.20)	(7.40)
66. Non-breastfeeding children age 6-23 months receiving an adequate diet ^{10,11} (%)	*	*	*	*	*	*	*	*
67. Total children age 6-23 months receiving an adequate diet ^{10,11} (%)	(20.30)	(24.10)	(22.80)	(5.00)	(23.80)	(22.00)	(23.90)	(8.90)
68. Children under 5 years who are stunted (height-for-age) ¹² (%)	19.5	14.4	13.3	14.5	22.0	15.1	12.4	20.8
69. Children under 5 years who are wasted (weight-for-height) ¹² (%)	13.1	18.8	14.4	16.6	16.2	24.2	15.9	15.3
70. Children under 5 years who are severely wasted (weight-for-height) ¹³ (%)	3.9	7.4	4.7	3.5	6.2	14.3	7.9	9.4
71. Children under 5 years who are underweight (weight-for-age) ¹² (%)	21.6	14.2	11.4	17.2	11.3	14.8	12.0	14.0

Indicators	TVM	KLM	PTA	ALP	KTM	IDK	EKM	TSR
Nutritional Status of Adults (age 15-49 years)								
72. Women whose Body Mass Index (BMI) is below normal (BMI < 18.5 kg/m ²) ¹⁴ (%)	9.0	6.7	10.5	12.4	5.3	10.2	7.3	8.2
73. Men whose Body Mass Index (BMI) is below normal (BMI < 18.5 kg/m ²) (%)	6.2	10.6	7.6	12.0	5.1	9.9	7.4	8.4
74. Women who are overweight or obese (BMI ≥ 25.0 kg/m ²) ¹⁴ (%)	33.6	38.2	39.7	37.7	31.5	28.9	34.5	28.1
75. Men who are overweight or obese (BMI ≥ 25.0 kg/m ²) (%)	25.2	30.6	35.9	22.1	33.6	26.2	38.9	26.4
Anaemia among Children and Adults¹⁵								
76. Children age 6-59 months who are anaemic (<11.0 g/dl) (%)	20.5	18.1	18.4	24.9	33.8	29.4	23.4	39.4
77. Non-pregnant women age 15-49 years who are anaemic (<12.0 g/dl) (%)	22.5	25.7	22.4	26.6	29.8	26.3	38.0	42.4
78. Pregnant women age 15-49 years who are anaemic (<11.0 g/dl) (%)	*	*	*	(35.30)	(6.20)	(10.60)	(26.40)	*
79. All women age 15-49 years who are anaemic (%)	22.5	25.5	22.4	27.0	28.8	25.7	37.6	42.1
80. Men age 15-49 years who are anaemic (<13.0 g/dl) (%)	3.7	14.1	6.7	15.3	6.8	12.0	6.9	11.6
Blood Sugar Level among Adults (age 15-49 years)¹⁶								
Women								
81. Blood sugar level - high (>140 mg/dl) (%)	6.2	9.4	11.1	10.1	11.8	9.5	8.7	5.0
82. Blood sugar level - very high (>160 mg/dl) (%)	3.6	5.7	7.3	5.8	8.3	3.4	4.8	3.0
Men								
83. Blood sugar level - high (>140 mg/dl) (%)	10.5	10.4	7.9	14.2	15.8	14.6	17.0	6.8
84. Blood sugar level - very high (>160 mg/dl) (%)	2.1	6.2	4.3	6.9	7.4	5.1	7.6	1.8
Hypertension among Adults (age 15-49 years)								
Women								
85. Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	3.6	7.3	5.8	5.0	6.2	3.7	6.7	6.5

Indicators	TVM	KLM	PTA	ALP	KTM	IDK	EKM	TSR
86. Moderately high (Systolic 160-179 mm of Hg and/or Diastolic 100-109 mm of Hg) (%)	0.4	1.5	1.1	0.9	0.9	1.4	0.9	0.5
87. Very high (Systolic \geq 180 mm of Hg and/or Diastolic \geq 110 mm of Hg) (%)	1.1	0.5	1.3	0.4	0.0	0.1	0.6	0.7
Men								
88. Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	7.3	9.1	11.6	8.1	3.4	4.5	6.2	5.3
89. Moderately high (Systolic 160-179 mm of Hg and/or Diastolic 100-109 mm of Hg) (%)	0.5	0.0	3.3	0.8	1.9	0.8	3.0	3.3
90. Very high (Systolic \geq 180 mm of Hg and/or Diastolic \geq 110 mm of Hg) (%)	0.0	0.5	2.3	0.0	0.0	1.7	0.0	0.7
Women Age 15-49 Years Who Have Ever Undergone Examinations of:								
91. Cervix (%)	64.4	64.8	60.4	57.2	60.0	59.6	58.4	60.5
92. Breast (%)	41.7	30.8	40.4	36.8	36.2	33.2	32.2	37.9
93. Oral cavity (%)	54.1	49.6	55.4	49.5	54.7	50.0	56.9	51.3

National Family

Indicators	PKD	MLP	KKD	WYD	KNR	KSD	KERALA	
							2015-16	2005-06
Population and Household Profile								
1. Population (female) age 6 years and above who ever attended school (%)	92.2	94.7	96.2	88.9	96.3	88.8	95.4	89.8
2. Population below age 15 years (%)	20.1	25.9	20.2	21.9	21.0	22.5	20.2	25.4
3. Sex ratio of the total population (females per 1,000 males)	972	999	1,033	1,065	1,092	1,041	1,049	1,124
4. Sex ratio at birth for children born in the last five years (females per 1,000 males)	1,075	936	954	1,241	1,066	981	1,047	925
5. Children under age 5 years whose birth was registered (%)	100.0	97.6	97.2	95.2	95.3	98.4	97.7	88.6
6. Households with electricity (%)	99.0	99.5	99.2	96.0	98.9	98.5	99.2	91.0
7. Households with an improved drinking-water source ¹ (%)	93.4	93.8	96.4	93.4	92.2	92.7	94.3	69.1
8. Households using improved sanitation facility ² (%)	96.7	98.7	99.4	95.3	98.9	97.7	98.1	90.5
9. Households using clean fuel for cooking ³ (%)	50.7	45.7	51.8	33.2	55.5	52.9	57.4	27.8
10. Households using iodized salt (%)	97.2	99.3	98.4	96.9	98.0	94.2	98.4	82.6
11. Households with any usual member covered by a health scheme or health insurance (%)	48.0	37.3	59.7	61.8	38.1	37.5	47.7	8.9
Characteristics of Adults (age 15-49)								
12. Women who are literate (%)	95.8	98.4	99.0	92.8	98.6	94.4	97.9	93.0
13. Men who are literate (%)	98.2	98.3	97.9	94.2	99.3	98.3	98.7	95.5
14. Women with 10 or more years of schooling (%)	63.4	65.5	73.3	61.3	70.7	61.9	72.2	48.7
Marriage and Fertility								
15. Women age 20-24 years married before age 18 years (%)	12.5	23.3	7.1	13.8	10.2	4.0	7.6	15.4
16. Men age 25-29 years married before age 21 years (%)	(3.50)	(4.10) *		(7.50) *		*	2.8	2.9
17. Women age 15-19 years who were already mothers or pregnant at the time of the survey (%)	5.8	4.0	3.5	2.1	3.4	3.3	3.0	5.8

Indicators	PKD	MLP	KKD	WYD	KNR	KSD	KERALA	
Current Use of Family Planning Methods (currently married women age 15-49 years)								
18. Any method ⁴ (%)	62.2	43.1	57.5	57.8	49.2	42.6	53.1	68.6
19. Any modern method ⁴ (%)	57.6	39.7	53.5	52.2	47.8	37.5	50.3	57.9
20. Female sterilization (%)	53.5	36.6	50.4	46.3	44.1	34.2	45.8	48.7
21. Male sterilization (%)	0.0	0.0	0.0	0.5	0.0	0.0	0.1	1.0
22. IUD/PPIUD (%)	2.3	1.1	0.9	2.8	1.4	1.4	1.6	2.3
23. Pill (%)	0.4	0.3	0.0	0.2	0.0	0.2	0.2	0.4
24. Condom (%)	1.5	1.7	2.1	2.3	2.3	1.6	2.6	5.5
Unmet Need for Family Planning (currently married women age 15-49 years)⁵								
25. Total unmet need (%)	12.1	17.4	13.3	11.2	13.9	15.2	13.7	9.8
26. Unmet need for spacing (%)	7.3	11.3	8.8	7.5	8.6	10.4	8.3	6.1
Quality of Family Planning Services								
27. Health worker ever talked to female non-users about family planning (%)	14.0	14.3	21.4	20.5	22.6	25.2	17.0	11.3
28. Current users ever told about side effects of current method ⁶ (%)	61.0	58.0	63.0	50.2	70.9	(59.40)	55.6	46.7
Maternal and Child Health								
Maternity Care (for last birth in the 5 years before the survey)								
29. Mothers who had antenatal check-up in the first trimester (%)	93.4	96.9	95.1	94.8	96.7	95.9	95.1	91.9
30. Mothers who had at least 4 antenatal care visits (%)	90.4	93.2	94.4	91.7	93.2	90.9	90.2	93.0
31. Mothers whose last birth was protected against neonatal tetanus ⁷ (%)	97.7	96.6	98.1	94.9	99.5	97.9	96.5	88.7
32. Mothers who consumed iron folic acid for 100 days or more when they were pregnant (%)	79.3	64.0	74.6	72.2	75.4	72.2	67.1	70.1
33. Mothers who had full antenatal care ⁸ (%)	69.9	58.8	71.4	66.0	71.5	65.2	61.2	66.7

Indicators	PKD	MLP	KKD	WYD	KNR	KSD	KERALA	
34. Registered pregnancies for which the mother received Mother and Child Protection (MCP) card (%)	84.9	74.9	83.8	88.7	90.1	87.1	84.2	na
doctor/nurse/LHV/ANM/midwife/other health personnel within 2 days of delivery (%)	89.0	93.8	84.3	83.2	96.8	88.0	88.7	84.6
36. Mothers who received financial assistance under Janani Suraksha Yojana (JSY) for births delivered in an institution (%)	23.1	16.8	20.3	27.8	18.1	10.4	20.4	na
37. Average out of pocket expenditure per delivery in public health facility (Rs.)	-4,337	6,202	-5,068	4,232	-7,044	-6,659	6,901	na
38. Children born at home who were taken to a health facility for check-up within 24 hours of birth (%)	*	*	*	*	*	*	*	*
doctor/nurse/LHV/ANM/ midwife/other health personnel within 2 days of birth (%)	55.8	42.8	55.0	51.2	50.7	57.1	49.1	na
Delivery Care (for births in the 5 years before the survey)								
40. Institutional births (%)	100.0	99.6	100.0	99.8	100.0	100.0	99.9	99.3
41. Institutional births in public facility (%)	33.0	32.7	45.5	47.3	40.2	28.5	38.4	35.6
42. Home delivery conducted by skilled health personnel (out of total deliveries) (%)	0.0	0.4	0.0	0.0	0.0	0.0	0.1	0.1
43. Births assisted by a doctor/nurse/LHV/ANM/other health personnel (%)	100.0	100.0	100.0	99.8	100.0	100.0	100.0	99.4
44. Births delivered by caesarean section (%)	34.4	24.0	33.8	22.8	33.6	26.3	35.8	30.1
45. Births in a private health facility delivered by caesarean section (%)	38.3	24.2	40.6	21.9	32.1	28.4	38.6	32.7
46. Births in a public health facility delivered by caesarean section (%)	26.6	23.9	25.7	23.9	35.8	21.1	31.4	26.0
Child Immunizations and Vitamin A Supplementation								
47. Children age 12-23 months fully immunized (BCG, measles, and 3 doses each of polio and DPT) (%)	(88.10)	70.6	(70.00)	(72.80)	(87.10)	(91.80)	82.1	75.3
48. Children age 12-23 months who have received BCG (%)	(97.40)	95.1	(100.00)	(100.00)	(98.50)	(98.00)	98.1	96.3
49. Children age 12-23 months who have received 3 doses of polio vaccine (%)	(93.80)	77.1	(86.20)	(79.20)	(88.70)	(93.80)	88.5	83.1
50. Children age 12-23 months who have received 3 doses of DPT vaccine (%)	(89.90)	80.8	(86.90)	(83.60)	(94.30)	(93.50)	90.4	84.0
51. Children age 12-23 months who have received measles vaccine (%)	(90.10)	78.8	(84.70)	(83.50)	(97.00)	(93.50)	89.4	82.1
52. Children age 12-23 months who have received 3 doses of Hepatitis B vaccine (%)	(79.30)	77.1	(84.90)	(71.30)	(80.60)	(90.00)	82.4	na

Indicators	PKD	MLP	KKD	WYD	KNR	KSD	KERALA	
53. Children age 9-59 months who received a vitamin A dose in last 6 months (%)	69.9	65.8	61.6	68.5	66.3	64.3	74.4	31.5
54. Children age 12-23 months who received most of the vaccinations in public health facility (%)	(88.60)	(79.90)	(82.90)	(87.40)	(82.30)	(80.70)	77.6	66.0
55. Children age 12-23 months who received most of the vaccinations in private health facility (%)	(11.40)	(20.10)	(17.10)	(12.60)	(17.70)	(19.30)	22.4	30.7
Treatment of Childhood Diseases (children under age 5 years)								
56. Prevalence of diarrhoea (reported) in the last 2 weeks preceding the survey (%)	6.8	3.2	2.7	4.0	3.6	6.7	3.4	6.8
57. Children with diarrhoea in the last 2 weeks who received oral rehydration salts (ORS) (%)	*	*	*	*	*	*	49.4	32.4
58. Children with diarrhoea in the last 2 weeks who received zinc (%)	*	*	*	*	*	*	14.1	na
59. Children with diarrhoea in the last 2 weeks taken to a health facility (%)	*	*	*	*	*	*	76.3	63.3
60. Prevalence of symptoms of acute respiratory infection (ARI) in the last 2 weeks preceding the survey (%)	0.5	0.9	0.4	1.6	0.6	1.2	0.8	2.7
61. Children with fever or symptoms of ARI in the last 2 weeks preceding the survey taken to a health facility (%)	*	*	*	(92.80)	*	*	90.1	80.7
Child Feeding Practices and Nutritional Status of Children								
62. Children under age 3 years breastfed within one hour of birth ⁹ (%)	70.0	66.1	68.6	62.9	74.9	59.8	64.3	55.4
63. Children under age 6 months exclusively breastfed ¹⁰ (%)	*	*	*	*	*	*	53.3	56.2
64. Children age 6-8 months receiving solid or semi-solid food and breastmilk ¹⁰ (%)	*	*	*	*	*	*	63.1	(93.90)
65. Breastfeeding children age 6-23 months receiving an adequate diet ^{10,11} (%)	16.1	37.1	(11.30)	22.4	20.4	25.2	21.3	na
66. Non-breastfeeding children age 6-23 months receiving an adequate diet ^{10,11} (%)	*	*	*	*	*	*	22.3	na
67. Total children age 6-23 months receiving an adequate diet ^{10,11} (%)	16.9	36.6	11.0	23.5	20.1	28.3	21.4	na
68. Children under 5 years who are stunted (height-for-age) ¹² (%)	20.2	26.3	18.0	27.7	25.3	18.7	19.7	24.5
69. Children under 5 years who are wasted (weight-for-height) ¹² (%)	10.3	22.3	13.5	23.9	10.2	9.7	15.7	15.9
70. Children under 5 years who are severely wasted (weight-for-height) ¹³ (%)	4.1	9.9	5.4	10.7	3.5	3.2	6.5	4.1
71. Children under 5 years who are underweight (weight-for-age) ¹² (%)	19.1	17.3	18.5	27.2	10.5	13.9	16.1	22.9

Indicators	PKD	MLP	KKD	WYD	KNR	KSD	KERALA	
Nutritional Status of Adults (age 15-49 years)								
72. Women whose Body Mass Index (BMI) is below normal (BMI < 18.5 kg/m ²) ¹⁴ (%)	13.5	8.8	12.3	12.2	9.7	13.0	9.7	18.0
73. Men whose Body Mass Index (BMI) is below normal (BMI < 18.5 kg/m ²) (%)	9.9	6.5	14.4	5.6	6.0	8.6	8.5	21.5
74. Women who are overweight or obese (BMI ≥ 25.0 kg/m ²) ¹⁴ (%)	32.1	34.1	27.1	24.4	30.1	27.5	32.4	28.1
75. Men who are overweight or obese (BMI ≥ 25.0 kg/m ²) (%)	27.0	33.4	16.4	34.6	30.1	24.4	28.5	17.9
Anaemia among Children and Adults¹⁵								
76. Children age 6-59 months who are anaemic (<11.0 g/dl) (%)	41.1	54.6	39.7	45.6	44.1	37.7	35.6	44.5
77. Non-pregnant women age 15-49 years who are anaemic (<12.0 g/dl) (%)	42.7	39.5	43.4	32.9	38.1	35.0	34.6	32.8
78. Pregnant women age 15-49 years who are anaemic (<11.0 g/dl) (%) *		(15.70)	(32.00)	(12.20)	(20.30)	(35.60)	22.6	33.8
79. All women age 15-49 years who are anaemic (%)	42.2	38.6	42.9	32.3	37.3	35.0	34.2	32.8
80. Men age 15-49 years who are anaemic (<13.0 g/dl) (%)	16.4	12.0	19.5	12.1	7.4	7.9	11.3	8.0
Blood Sugar Level among Adults (age 15-49 years)¹⁶								
Women								
81. Blood sugar level - high (>140 mg/dl) (%)	7.7	10.2	9.9	11.9	7.5	7.7	8.7	na
82. Blood sugar level - very high (>160 mg/dl) (%)	3.5	5.3	5.1	7.4	3.4	4.6	4.8	na
Men								
83. Blood sugar level - high (>140 mg/dl) (%)	11.5	14.1	19.6	20.5	15.0	9.8	13.1	na
84. Blood sugar level - very high (>160 mg/dl) (%)	5.9	9.3	6.9	13.4	9.3	5.4	6.3	na
Hypertension among Adults (age 15-49 years)								
Women								
85. Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	4.6	5.6	4.3	8.6	5.4	5.9		

Indicators	PKD	MLP	KKD	WYD	KNR	KSD	KERALA	
86. Moderately high (Systolic 160-179 mm of Hg and/or Diastolic 100-109 mm of Hg) (%)	1.2	0.6	0.3	0.9	1.2	0.6	0.8	na
87. Very high (Systolic ≥180 mm of Hg and/or Diastolic ≥110 mm of Hg) (%)	0.3	0.5	0.3	0.0	0.4	1.0	0.5	na
Men								
88. Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	9.6	6.7	6.1	14.8	11.2	4.6	7.5	na
89. Moderately high (Systolic 160-179 mm of Hg and/or Diastolic 100-109 mm of Hg) (%)	0.5	1.2	0.5	0.6	3.9	1.1	1.3	na
90. Very high (Systolic ≥180 mm of Hg and/or Diastolic ≥110 mm of Hg) (%)	1.7	0.7	0.0	1.6	1.3	1.4	0.7	na
Women Age 15-49 Years Who Have Ever Undergone Examinations of:								
91. Cervix (%)	59.1	65.9	55.3	56.0	68.4	59.5	61.3	na
92. Breast (%)	30.9	26.1	28.2	21.0	42.2	30.5	33.4	na
93. Oral cavity (%)	47.0	53.1	44.8	45.5	45.9	49.4	50.8	na

National Family Health Survey 2015-16

Indicators	India		Kerala	
	2015-16	2005-06	2015-16	2005-06
1. Population (female) age 6 years and above who ever attended school (%)	68.8	58.3	95.4	89.8
2. Population below age 15 years (%)	28.6	34.9	20.2	25.4
3. Sex ratio of the total population (females per 1,000 males)	991	1,000	1,049	1,124
4. Sex ratio at birth for children born in the last five years (females per 1,000 males)	919	914	1,047	925
5. Children under age 5 years whose birth was registered (%)	79.7	41.2	97.7	88.6
6. Households with electricity (%)	88.2	67.9	99.2	91.0
7. Households with an improved drinking-water source ¹ (%)	89.9	87.6	94.3	69.1
8. Households using improved sanitation facility ² (%)	48.4	29.1	98.1	90.5
9. Households using clean fuel for cooking ³ (%)	43.8	25.5	57.4	27.8
10. Households using iodized salt (%)	93.1	76.1	98.4	82.6
11. Households with any usual member covered by a health scheme or health insurance (%)	28.7	4.8	47.7	8.9
Characteristics of Adults (age 15-49)				
12. Women who are literate (%)	68.4	55.1	97.9	93.0
13. Men who are literate (%)	85.6	78.1	98.7	95.5
14. Women with 10 or more years of schooling (%)	35.7	22.3	72.2	48.7
Marriage and Fertility				
15. Women age 20-24 years married before age 18 years (%)	26.8	47.4	7.6	15.4
16. Men age 25-29 years married before age 21 years (%)	20.3	32.3	2.8	2.9
17. Total fertility rate (children per woman)	2.2	2.7	1.6	1.9
18. Women age 15-19 years who were already mothers or pregnant at the time of the survey (%)	7.9	16.0	3.0	5.8
Infant and Child Mortality Rates (per 1,000 live births)				
19. Infant mortality rate (IMR)	41	57	6	15
20. Under-five mortality rate (U5MR)	50	74	7	16
Current Use of Family Planning Methods (currently married women age 15-49 years)				
21. Any method ⁴ (%)	53.5	56.3	53.1	68.6
22. Any modern method ⁴ (%)	47.8	48.5	50.3	57.9
23. Female sterilization (%)	36.0	37.3	45.8	48.7
24. Male sterilization (%)	0.3	1.0	0.1	1.0
25. IUD/PPIUD (%)	1.5	1.7	1.6	2.3
26. Pill (%)	4.1	3.1	0.2	0.4
27. Condom (%)	5.6	5.2	2.6	5.5
Unmet Need for Family Planning (currently married women age 15-49 years)⁵				
28. Total unmet need (%)	12.9	13.9	13.7	9.8
29. Unmet need for spacing (%)	5.7	6.1	8.3	6.1
Quality of Family Planning Services				
30. Health worker ever talked to female non-users about family planning (%)	17.7	10.1	17.0	11.3
31. Current users ever told about side effects of current method ⁶ (%)	46.5	34.4	55.6	46.7

Indicators	India		Kerala	
	2015-16	2005-06	2015-16	2005-06
Maternal and Child Health				
Maternity Care (for last birth in the 5 years before the survey)				
32. Mothers who had antenatal check-up in the first trimester (%)	58.6	43.9	95.1	91.9
33. Mothers who had at least 4 antenatal care visits (%)	51.2	37.0	90.2	93.0
34. Mothers whose last birth was protected against neonatal tetanus ⁷ (%)	89.0	76.3	96.5	88.7
35. Mothers who consumed iron folic acid for 100 days or more when they were pregnant (%)	30.3	15.2	67.1	70.1
36. Mothers who had full antenatal care ⁸ (%)	21.0	11.6	61.2	66.7
37. Registered pregnancies for which the mother received Mother and Child Protection (MCP) card (%)	89.3	na	84.2	na
38. Mothers who received postnatal care from a doctor/nurse/LHV/ANM/midwife/other health personnel within 2 days of delivery (%)	62.4	34.6	88.7	84.6
39. Mothers who received financial assistance under Janani Suraksha Yojana (JSY) for births delivered in an institution (%)	36.4	na	20.4	na
40. Average out of pocket expenditure per delivery in public health facility (Rs.)	3,198	na	6,901	na
41. Children born at home who were taken to a health facility for check-up within 24 hours of birth (%)	2.5	0.3	*	*
42. Children who received a health check after birth from a doctor/nurse/LHV/ANM/midwife/other health personnel within 2 days of birth (%)	24.3	na	49.1	na
Delivery Care (for births in the 5 years before the survey)				
43. Institutional births (%)	78.9	38.7	99.9	99.3
44. Institutional births in public facility (%)	52.1	18.0	38.4	35.6
45. Home delivery conducted by skilled health personnel (out of total deliveries) (%)	4.3	8.2	0.1	0.1
46. Births assisted by a doctor/nurse/LHV/ANM/other health personnel (%)	81.4	46.6	100.0	99.4
47. Births delivered by caesarean section (%)	17.2	8.5	35.8	30.1
48. Births in a private health facility delivered by caesarean section (%)	40.9	27.7	38.6	32.7
49. Births in a public health facility delivered by caesarean section (%)	11.9	15.2	31.4	26.0
Child Immunizations and Vitamin A Supplementation				
50. Children age 12-23 months fully immunized (BCG, measles, and 3 doses each of polio and DPT) (%)	62.0	43.5	82.1	75.3
51. Children age 12-23 months who have received BCG (%)	91.9	78.2	98.1	96.3
52. Children age 12-23 months who have received 3 doses of polio vaccine (%)	72.8	78.2	88.5	83.1
53. Children age 12-23 months who have received 3 doses of DPT vaccine (%)	78.4	55.3	90.4	84.0
54. Children age 12-23 months who have received measles vaccine (%)	81.1	58.8	89.4	82.1
55. Children age 12-23 months who have received 3 doses of Hepatitis B vaccine (%)	62.8	na	82.4	na
56. Children age 9-59 months who received a vitamin A dose in last 6 months (%)	60.2	16.5	74.4	31.5
57. Children age 12-23 months who received most of the vaccinations in public health facility (%)	90.7	82.0	77.6	66.0
58. Children age 12-23 months who received most of the vaccinations in private health facility (%)	7.2	10.5	22.4	30.7

Indicators	India		Kerala	
	2015-16	2005-06	2015-16	2005-06
Treatment of Childhood Diseases (children under age 5 years)				
59. Prevalence of diarrhoea (reported) in the last 2 weeks preceding the survey (%)	9.2	9.0	3.4	6.8
60. Children with diarrhoea in the last 2 weeks who received oral rehydration salts (ORS) (%)	50.6	26.0	49.4	32.4
61. Children with diarrhoea in the last 2 weeks who received zinc (%)	20.3	na	14.1	na
62. Children with diarrhoea in the last 2 weeks taken to a health facility (%)	67.9	61.3	76.3	63.3
63. Prevalence of symptoms of acute respiratory infection (ARI) in the last 2 weeks preceding the survey (%)	2.7	5.8	0.8	2.7
64. Children with fever or symptoms of ARI in the last 2 weeks preceding the survey taken to a health facility (%)	73.2	69.6	90.1	80.7
Child Feeding Practices and Nutritional Status of Children				
65. Children under age 3 years breastfed within one hour of birth ⁹ (%)	41.6	23.4	64.3	55.4
66. Children under age 6 months exclusively breastfed ¹⁰ (%)	54.9	46.4	53.3	56.2
67. Children age 6-8 months receiving solid or semi-solid food and breastmilk ¹⁰ (%)	42.7	52.6	63.1	(93.90)
68. Breastfeeding children age 6-23 months receiving an adequate diet ^{10,11} (%)	8.7	na	21.3	na
69. Non-breastfeeding children age 6-23 months receiving an adequate diet ^{10,11} (%)	14.3	na	22.3	na
70. Total children age 6-23 months receiving an adequate diet ^{10,11} (%)	9.6	na	21.4	na
71. Children under 5 years who are stunted (height-for-age) ¹² (%)	38.4	48.0	19.7	24.5
72. Children under 5 years who are wasted (weight-for-height) ¹² (%)	21.0	19.8	15.7	15.9
73. Children under 5 years who are severely wasted (weight-for-height) ¹³ (%)	7.5	6.4	6.5	4.1
74. Children under 5 years who are underweight (weight-for-age) ¹² (%)	35.7	42.5	16.1	22.9
75. Women whose Body Mass Index (BMI) is below normal (BMI < 18.5 kg/m ²) ¹⁴ (%)	22.9	35.5	9.7	18.0
76. Men whose Body Mass Index (BMI) is below normal (BMI < 18.5 kg/m ²) (%)	20.2	34.2	8.5	21.5
77. Women who are overweight or obese (BMI ≥ 25.0 kg/m ²) ¹⁴ (%)	20.7	12.6	32.4	28.1
78. Men who are overweight or obese (BMI ≥ 25.0 kg/m ²) (%)	18.6	9.3	28.5	17.9
Anaemia among Children and Adults¹⁵				
79. Children age 6-59 months who are anaemic (<11.0 g/dl) (%)	58.4	69.4	35.6	44.5
80. Non-pregnant women age 15-49 years who are anaemic (<12.0 g/dl) (%)	53.1	55.2	34.6	32.8
81. Pregnant women age 15-49 years who are anaemic (<11.0 g/dl) (%)	50.3	57.9	22.6	33.8
82. All women age 15-49 years who are anaemic (%)	53.0	55.3	34.2	32.8
83. Men age 15-49 years who are anaemic (<13.0 g/dl) (%)	22.7	24.2	11.3	8.0
Blood Sugar Level among Adults (age 15-49 years)¹⁶				
Women				
84. Blood sugar level - high (>140 mg/dl) (%)	5.8	na	8.7	na
85. Blood sugar level - very high (>160 mg/dl) (%)	2.8	na	4.8	na
Men				
86. Blood sugar level - high (>140 mg/dl) (%)	7.8	na	13.1	na
87. Blood sugar level - very high (>160 mg/dl) (%)	3.9	na	6.3	na

Indicators	India		Kerala	
	2015-16	2005-06	2015-16	2005-06
Hypertension among Adults (age 15-49 years)				
Women				
88. Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	6.7	na	5.5	na
89. Moderately high (Systolic 160-179 mm of Hg and/or Diastolic 100-109 mm of Hg) (%)	1.4	na	0.8	na
90. Very high (Systolic \geq 180 mm of Hg and/or Diastolic \geq 110 mm of Hg) (%)	0.7	na	0.5	na
Men				
91. Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	10.4	na	7.5	na
92. Moderately high (Systolic 160-179 mm of Hg and/or Diastolic 100-109 mm of Hg) (%)	2.2	na	1.3	na
93. Very high (Systolic \geq 180 mm of Hg and/or Diastolic \geq 110 mm of Hg) (%)	0.9	na	0.7	na
Women Age 15-49 Years Who Have Ever Undergone Examinations of:				
94. Cervix (%)	22.3	na	61.3	na
95. Breast (%)	9.8	na	33.4	na
96. Oral cavity (%)	12.4	na	50.8	na
Knowledge of HIV/AIDS among Adults (age 15-49 years)				
97. Women who have comprehensive knowledge ¹⁷ of HIV/AIDS (%)	20.9	17.3	43.1	32.7
98. Men who have comprehensive knowledge ¹⁷ of HIV/AIDS (%)	32.3	33.0	50.8	40.9
99. Women who know that consistent condom use can reduce the chances of getting HIV/AIDS (%)	54.9	36.3	74.2	65.2
100. Men who know that consistent condom use can reduce the chances of getting HIV/AIDS (%)	77.4	70.0	84.8	82.4
Women's Empowerment and Gender Based Violence (age 15-49 years)				
101. Currently married women who usually participate in household decisions (%)	84.0	76.5	92.1	88.0
102. Women who worked in the last 12 months who were paid in cash (%)	24.6	28.6	20.4	28.0
103. Ever-married women who have ever experienced spousal violence (%)	28.8	37.2	14.3	16.4
104. Ever-married women who have experienced violence during any pregnancy (%)	3.3	na	1.2	na
105. Women owning a house and/or land (alone or jointly with others) (%)	38.4	na	34.9	na
106. Women having a bank or savings account that they themselves use (%)	53.0	15.1	70.6	27.0
107. Women having a mobile phone that they themselves use (%)	45.9	na	81.2	na
108. Women age 15-24 years who use hygienic methods of protection during their menstrual period ¹⁸ (%)	57.6	na	90.0	na
Tobacco Use and Alcohol Consumption among Adults (age 15-49 years)				
109. Women who use any kind of tobacco (%)	6.8	10.8	0.8	1.8
110. Men who use any kind of tobacco (%)	44.8	57.0	25.7	43.5
111. Women who consume alcohol (%)	1.2	2.2	1.6	0.7
112. Men who consume alcohol (%)	29.3	31.9	37.0	45.2
113. Women who tried to stop smoking or using tobacco in any other form during the past 12 months ¹⁹ (%)	29.3	na	44.6	na
114. Men who tried to stop smoking or using tobacco in any other form (during the past 12 months) ¹⁹ (%)	30.6	na	22.6	na

Table-6							
Sex Ratio at Birth– India and Kerala (Based on censuses population)							
Year	1951	1961	1971	1981	1991	2001	2011
India	946	941	930	934	927	933	940
Kerala	1028	1022	1016	1032	1036	1058	1084

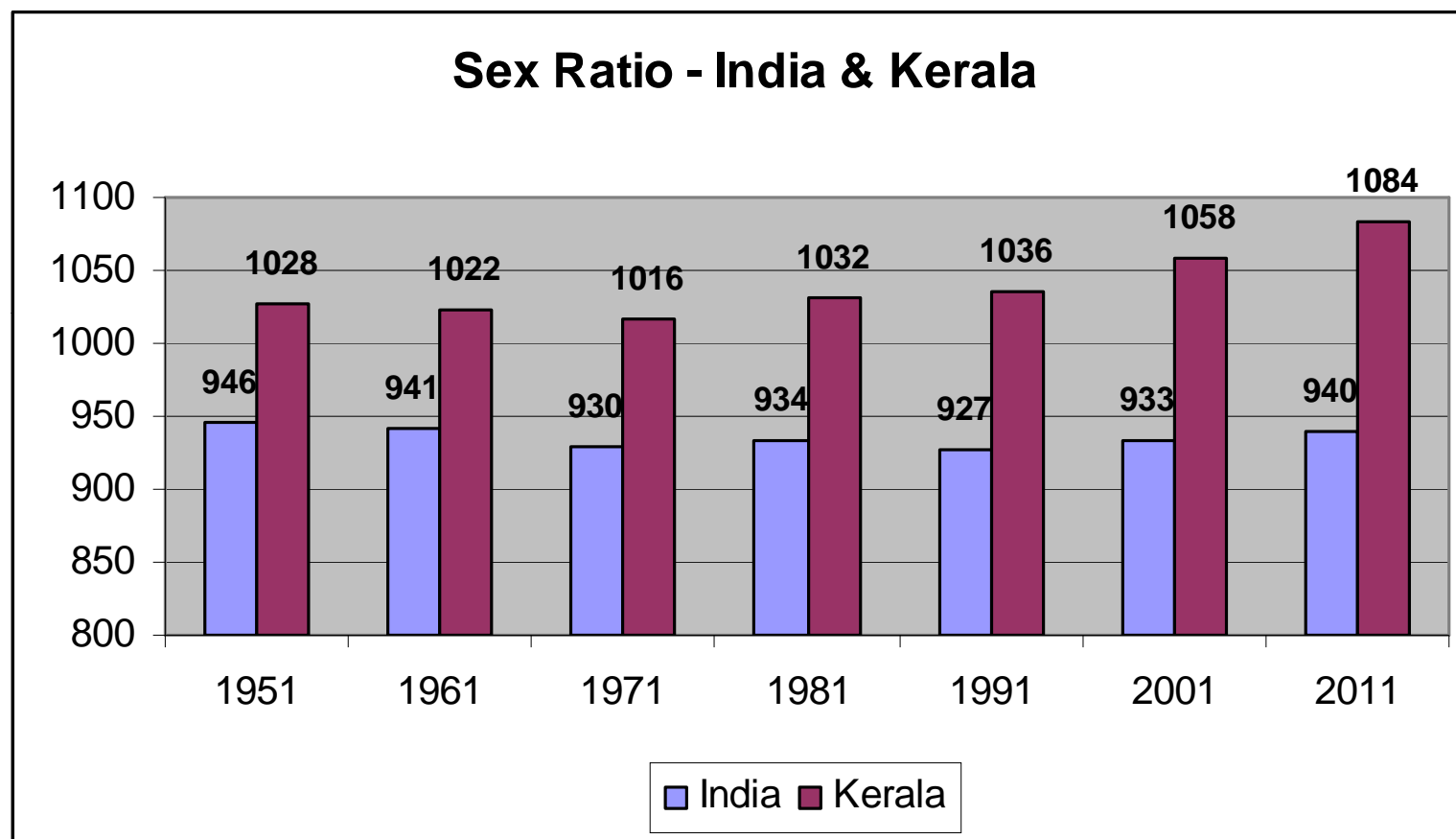


Table 6.1
Sex ratio at birth

DISTRICT	2014-15			2015-16			2016-17		
	Male	Female	sex ratio per 1000	Male	Female	sex ratio per 1000	Male	Female	sex ratio per 1000
ALAPPUZHA	9975	9521	954	9689	9029	932	8878	8330	938
ERNAKULAM	20965	20588	982	21198	20147	950	19915	19211	965
IDUKKI	6498	6174	950	6007	5807	967	5629	5542	985
KANNUR	22788	21808	957	22373	21444	958	21289	20305	954
KASARAGOD	10842	10149	936	10794	9855	913	9867	9279	940
KOLLAM	14896	14441	969	14683	14158	964	13201	12699	962
KOTTAYAM	13021	12496	960	12574	12057	959	11428	11093	971
KOZHIKODE	28525	27684	971	28131	26529	943	27024	26256	972
MALAPPURAM	45014	42654	948	44183	42419	960	43827	41805	954
PALAKKAD	19604	18813	960	19075	18237	956	17921	17354	968
PATHANAMTHITTA	7773	7614	980	7496	7309	975	6964	6899	991
THIRUVANANTHAPURAM	23152	22115	955	21811	21067	966	20358	19252	946
THRISSUR	23185	22236	959	22318	21564	966	21253	20045	943
WAYANAD	7111	6757	950	7272	6865	944	6932	6840	987
KERALA	253349	243050	959	247604	236487	955	234486	224910	959

Source: DHS

Table 7
Expenditure On Plan Schemes
From 2005-06 TO 2015-16 (Rs. In Lakhs)

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	96.19%	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
2013-14	18627.20	18012.87	96.70%	895.41	788.14	88.02%			
2014-15	16877.00	14547.78	86.20%						
2015-16	18446.54	18217.98	98.76%						
2016-17	35656.00	34186.43	95.88%						
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				
2013-14	3703400		2577264579		69.59				
2014-15	4481400		1877823657		41.90				
2015-16	4481400		2720259496		60.70				
2016-17	2940000		3662098242		124.56				

Table 7.1
PLAN PROGRESS REPORT- 2016-17
DIRECTORATE OF HEALTH SERVICES

Sl.No	Name of Scheme	Head of Account	Budget Provision (lakhs)	Allotment (lakhs)	Expenditure (lakhs)	%
1	Monitoring Cell, MIS & Computerization	2210-01-001-95	26.00	93.00	93.00	100.00
2	Blood Banks	2210-01-110-44	299.00	299.00	220.98	73.91
3	Health Transport Organisation	2210-01-200-91	30.00	30.00	30.00	100.00
4	Strengthening of Limb Fitting Centres	2210-01-110-48	41.00	41.00	34.47	84.07
5	Mental Health Centre-Thrissur	2210-01-110-84	78.00	78.00	76.80	98.46
6	Mental Health Centre-Thiruvananthapuram	2210-01-110-85	175.00	175.00	124.26	71.01
7	Mental Health Centre-Kozhikode	2210-01-110-83	121.00	121.00	107.95	89.22
8	Physical Medicine and Rehabilitation units	2210-01-110-74	50.00	100.00	99.09	99.09
9	Pain and Palliative care in Districts Hospitals	2210-01-110-52	110.00	110.00	92.30	83.91
10	Society for Rehabilitation cognitive and Communicative Disorders	2210-05-105-36	650.00	650.00	650.00	100.00
11	State Institute of HFW for Training to Health Personnel	2210-06-003-90	325.00	325.00	261.72	80.53
12	Welfare Society for the Locomotive Disabled	2210-01-200-85	50.00	0.00	0.00	0.00
13	Diplomat National Board	2210-01-110-47	75.00	75.00	56.82	75.76
14	Public Health Laboratories	2210-06-107-99	205.00	205.00	199.99	97.56
15	Surveillance and Control of Communicable Diseases	2210-06-101-49	1475.00	1475.00	1378.50	93.46
16	Society for medical Assistance to the Poor	2210-06-101-53	150.00	150.00	150.00	100.00
17	Mental Health Programme-Thiruvananthapuram, Kollam, Alappuzha and	2210-01-110-40	341.00	341.00	341.00	100.00
18	Prevention of Non-Communicable Diseases	2210-06-101-45	1000.00	1000.00	901.38	90.14
19	Anti-Social Elements/Health Protection to victims due to Violence	2210-01-110-37	40.00	40.00	40.00	100.00

Sl.No	Name of Scheme	Head of Account	Budget Provision (lakhs)	Allotment (lakhs)	Expenditure (lakhs)	%
20	Cancer Care Programme	2210-06-101-41	230.00	230.00	201.70	87.70
21	De-addiction Centres	2210-01-110-26	34.00	34.00	33.95	99.85
22	Strengthening of Institutions under DHS	2210-01-110-35	2375.00	2375.00	2375.00	100.00
23	Strengthening of Medical Records Libraries	2210-06-001-98	160.00	93.00	92.37	99.32
24	New Baby Screening Programme	2210-06-107-92	300.00	300.00	299.95	99.98
25	Kerala Emergency Medical Services (108 Ambulances)	2210-01-110-24	1254.00	1254.00	495.00	39.47
26	Setting up of maternity units in selected THQs	2210-01-110-25	1600.00	1600.00	1600.00	100.00
27	Nursing Education	2210-05-105-89	173.00	173.00	162.94	94.18
28	Strengthening of dental Units in Health Services Department	2210-01-110-70	200.00	200.00	197.36	98.68
29	Comprehensive Mental Health Programme	2210-01-110-68	500.00	500.00	500.00	100.00
30	Public Health protection Agency	2210-06-001-95	500.00	500.00	338.71	67.74
31	Anti Rabies Campaign	2210-06-101-30	500.00	500.00	499.99	100.00
32	Arogya Kiranam	2210-06-101-31	3150.00	3150.00	3150.00	100.00
33	Establishment of Cath lab in DH Kozhikode	2210-01-110-15	1100.00	1100.00	1100.00	100.00
34	Setting up of Dialysis units in Major Hospitals	2210-01-110-14	360.00	360.00	355.44	98.73
35	Strengthening of Emergency Medical Care	2210-01-110-13	250.00	250.00	234.19	93.67
36	E-Health Programme	2210-06-112-95	388.00	388.00	388.00	100.00
37	Implementation of Priority scheme under Kerala Perspective Plan 2030	2210-80-004-97	100.00	100.00	91.64	91.64
38	Modernisation of Drug store under DHS	2210-01-110-77	600.00	600.00	600.00	100.00
39	Nutrition Bureau	2210-06-200-98	35.00	35.00	25.05	71.57
40	Establishment of Nutrition Research unit	2210-06-001-94	66.00	66.00	46.88	71.03
41	National Health Mission (State Share)	2210-06-101-19	16540.00	16540.00	16540.00	100.00
	TOTAL		35656.00	35656.00	34186.43	95.88

Table 7.2

2211 Family Welfare Expenditure statement Budget estimate 100% CSS Plan For 2015-16 and 2016-17							
Sl. No.	Name of Scheme	2015-16 *			2016-17#		
		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	71400	47547617	66.59%	56324	46961695	83.38%
2	2211-00-001-98 City and District Family Welfare Bureaus	275000	164241297	59.72%	175614	151849124	86.47%
3	2211-00-109-97 Reproductive and Child Health Programme	2300	5880697	255.68%	11298	9315000	82.45%
4	2211-00-003-99 Regional Family Welfare Training Centres	41900	18917405	45.15%	27400	22231255	81.14%
5	2211-00-003-98 Training to Health Visitors and Dias	53600	16464100	30.72%	18568	20561619	110.74%
6	2211-00-106-99 Mass Education	2800	2277495	81.34%	3550	1900088	53.52%
7	2211-00-104-99 Maintanance and Supply of Vehicles to Primary Health Centers	16500	3905210	23.67%	7000	2164498	30.92%
8	2211-00-104-98 Maintanance and Supply of Vehicles to District Family Welfare Bureaus	16500	544529	3.30%	2660	2626165	98.73%
9	2211-00-104-97 Maintanance and Supply of Vehicles to Regional Family Welfare Centeres	4400	2250092	51.14%	4840	1242773	25.68%
10	2211-00-104-96 Health Transport Organisation	28100	4941034	17.58%	9643	4450502	46.15%
11	2211-00-800-98 Grant-in-Aid	39800	16017694	40.25%	21800	21800000	100.00%
12	2211-00-101-99 Rural Family Welfare Planning Centre (Sub Centres)	3687200	2872643836	77.91%	2465892	3257699979	132.11%
13	2211-00-101-98 Expansion of ICDS Programme	224200	109706971	48.93%	122913	108278766	88.09%
14	2211-00-200-98 Maintanance of Beds & Sterilization Unit	17700	10946369	61.84%	12498	11016778	88.15%
15	TOTAL	4481400	3276184296	73.11%	2940000	3662098242	124.56%

*Reconceiled, #Unreconceiled

Table 8	
Schedule of Immunization	
Birth	BCG, OPV '0' & Hepatitis B '0'
1 ½ months	Penta 1 & OPV 1 / IPV1
2 ½ months	Penta 2 & OPV 2
3½ months	Penta 3 & OPV 3 / IPV2
9 Months	MR-1 & Vitamin A-1
16-24 months	OPV, DPT 1 st Booster dose & Vitamin A 2 nd dose. MR/MMR, JE vaccine
One Dose of Vitamin A Every six Months up to 5 Years	
5-6 Years	DPT Booster 2 nd dose
10 Years	TT / TD
16 years	TT / TD
Oral Polio Vaccine should be given on Pulse Polio Days to all children under 5 years	

Table 8.1**Minimum Hight and Weight of Children up to the Age of 10 Years**

Age	Male	Male	Female	Female
	Height (cm)	Weight (kg)	Height (cm)	Weight (kg)
1st year	72	9.5	72.8	8.7
2nd year	85	11.25	83.8	10.5
3rd year	94	13.75	92.8	12.25
4th year	101.5	15.75	100.3	14.45
5th year	108	18.25	108	16.9
6th year	114	20.5	114	19.5
7th year	119.5	23	119	22
8th year	124.5	25.5	124	24.75
9th year	130	27.75	130	27.5
10th year	135	30	136	30.5

Table 8.2**Institutions With Palliative Care Programmes**

Sl.No	District	Number of major Hospitals	Name of major Hospitals	
1	Thiruvananthapuram	5	1	Taluk Hospital, Varkala
			2	Taluk Hospital, Chirayinkeezhu
			3	General Hospital, Neyyattinkara
			4	District Hospital, Nedumangadu
			5	General Hospital, Thiruvananthapuram
2	Kollam	6	1	Taluk Hospital, Kadakkal
			2	Taluk Hospital, Sasthamkotta
			3	Taluk Hospital, Punalur
			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, Pulinkunnu
			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	General Hospital, Changanacherri
			3	General Hospital, Kanhirapally
			4	General Hospital, Kottayam
			5	General Hospital, Pala
7	Ernakulam	11	1	Taluk Hospital, Kothamangalam
			2	General 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

Sl.No	District	Number of major Hospitals	Name of major Hospitals	
8	Trissur	9	1	District Hospital, Vadakkanchery
			2	Taluk Hospital, Kunnamkulam
			3	Taluk Hospital, Chalakkudy
			4	General Hospital, Irinjalakkuda
			5	Taluk Hospital, Pudukadu
			6	Taluk Hospital, Chelakkara
			7	Taluk Hospital, Chavakkad
			8	Taluk Hospital, Kodungallur
			9	General 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	District Hospital, Nilambur
			5	District 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, Tamarassery
			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	General Hospital, Kasaragode
Total		84		

District Wise Number of Certified First Referral Units (FRU) Table 8.3

Sl. No	DISTRICT	SL NO	Name of Institution		Telephone Number	R/U	Bed Strength	Remarks
1	TVPM	1	GH	Neyyattinkara	0471-2221935	U	436	
2		2	DH	Nedumangad	0472-2802262	U	225	
3		3	DMH	Peroorkkada	0471-2432071	U	337	
4		4	W&C	Thycaud	0471-2323457	U	428	
5		5	THQH	Chirayinkeezhu	0470-2646565	R	243	
6		6	THQH	Parassala	0471-2202266	R	119	
7	KLM	1	THQH	Kottarakkara	0474-2452610	U	217	
8		2	THQH	Karunagappally	0476-2620256	U	190	
9		3	THQH	Punalur	0475-2228702	U	144	
10		4	THQH	Sasthamkotta	0476-2831899	R	140	
11		5	TH	Kadakkal	0474-2423301	R	101	
12	PTA	1	GH	Adoor	04734-223236	U	300	
13		2	GH	Pathanamthitta	0468-2222364	U	414	
14		3	DH	Kozhenchery	0468-2214108	R	210	
15		4	THQH	Thiruvalla	0469-2602494	U	173	
16		5	THQH	Konni	0468-2243469	R	24	Not Functioning
17		6	THQH	Ranni	04735-227274	R	105	
18		7	THQH	Mallappally	0469-2683084	R	128	Not Functioning

Sl. No	DISTRICT	SL NO	Name of Institution		Telephone Number	R/U	Bed Strength	Remarks
19	ALPY	1	DH	Chengannoor	0479-2452267	U	140	
20		2	DH	Mavelikkara	0479-2303394	U	347	
21		3	W & C	Alappuzha	0477-2251151	U	308	
22		4	THQH	Harippad	0479-2412765	U	150	
23		5	THQH	Kayamkulam	0479-2447274	U	125	
24		6	THQH	Cherthala	0478-2812693	U	251	
25	KTYM	1	GH	Pala	04822-215154	U	341	
26		2	GH	Kottayam	0481-2563611	U	374	
27		3	GH	Changanassery	0481-2402349	U	207	
28		4	GH	Kanjirappally	04828-202292	R	142	
29		5	THQH	Vaikom	04829-231261	U	272	
30		6	THQH	Pampady	0481-2507866	R	225	Not Functioning
31	IDKY	1	DH	Painavu,Idukki	04862-232474	U	130	
32		2	DH	Thodupuzha	04862-222630	U	144	
33		3	THQH	Nedumkandom	04868-232650	R	104	
34		4	THQH	Adimali	04864-22670	R	66	
35		5	THQH	Peerumedu	04869-232224	R	54	
36		6	THQH	Kattappana	04868-251711	U	30	

Sl. No	DISTRICT	SL NO	Name of Institution		Telephone Number	R/U	Bed Strength	Remarks
37	EKLM	1	GH	Ernakulam	0484-2361251	U	783	
38		2	GH	Muvattupuzha	0485-2832360	U	266	
39		3	DH	Aluva	0484-2629242	U	217	
40		4	W&C	Mattanchery	0484-2224511	U	132	
41		5	THQH	Kochi	0484-2216440	U	240	
42		6	THQH	Kothamangalam	0485-2822603	U	173	
43		7	THQH	North Paravoor	0484-2442365	U	155	
44		8	THQH	Perumbavoor	0484-2523138	U	216	
45		9	THQH	Tripunithura	0484-2777315	U	146	
46	TSR	1	GH	Thrissur	0487-2427778	U	240	
47		2	GH	Irinjalakkuda	0480-2825213	U	216	
48		3	DH	Wadakkancherry	04884-235214	R	117	
49		4	THQH	Chalakkudi	0480-2701823	U	144	
50		5	THQH	Kodungallur	0480-2802394	U	176	
51		6	THQH	Chavakkad	0487-2501110	U	140	
52		7	TH	Kunnamkulam	04885-222235	U	124	
53		8	TH	Puthukkadu	0480-2751232	U	75	Not Functioning
54		9	TH	Chelakkara	04884-252778	U	32	Not Functioning

Sl. No	DISTRICT	SL NO	Name of Institution		Telephone Number	R/U	Bed Strength	Remarks
55	PKD	2	W&CH	Palakkad	0491-2530012	U	103	
56		3	THQH	Ottapalam	0466-2244480	U	173	
57		4	THQH	Mannarkkad	04924-222380,224549	U	123	
58		5	THQH	Alathur	04922-222322,224322	R	154	
59		6	GTSH	Kottathara	04924-254392	R	54	
60		MLPM	1	GH	Manjery	0483-2766880	U	501
61	2		DH	Thirur	0494-2423834	U	164	
62	3		DH	Nilambur	04931-220351	U	142	
63	4		DH	Perinthalmanna	04933-227279	U	177	
64	5		THQH	Ponnani	0494-2663089	U	125	
65	6		THQH	Malappuram	0483-2734866	U	116	
66	7		THQH	Tirurangadi	0494-2460372	U	157	
67	KKD	1	DH	Vatakara	0496-2524259	U	210	
68		2	W & C	Kozhikode	0495-2721998	U	295	
69		3	THQH	Koyilandy	0496-2620241	U	159	
70		4	TH	Kuttiyadi	0496-2597173	R	104	

Sl. No	DISTRICT	SL NO	Name of Institution		Telephone Number	R/U	Bed Strength	Remarks
71	WND	1	DH	Mananthavady	04935-240265	R	500	
72		2	THQH	Sulthan Bethery	04936-221136	R	57	
73	KNR	1	GH	Thalasserry	0490-2322150	U	541	
74		2	DH	Kannur	04972-731234	U	616	
75		3	THQH	Thalipparamba	0460-2203298	U	171	
76		4	THQH	Koothuparamba	0490-2364150	U	153	
77		5	THQH	Payyannoor	0498-5205716	U	150	
78	KSD	1	GH	Kasargode	04994-230080	U	212	
79		2	DH	Kanhangad	0467-2217018	U	400	

Updated on 22/04/2017

Table 8.4**Major Health Facilities Under Health Services Department**

Sl.No.	Institution	Phone No.	No. of Beds
I	General Hospitals		
1	Thiruvananthapuram	0471-2307874	747
2	Neyyattinkara	0471-2221935	436
3	Pathanamthitta	0468-2222364	414
4	Adoor, Pathanamthitta	04734-223236	300
5	Alappuzha	0477-2253324	400
6	Kottayam	0481-2563611	374
7	Palai	04822-215154	341
8	Kanjirapally	04828-202292	142
9	Changanassery	0481-2402349	207
10	Ernakulam	0484-2361251	783
11	Moovattupuzha	0485-2832360	266
12	Trissur	0487-2427778	240
13	Irinjalkuda	0480-2825213	216
14	Panakkad Sayed Muhammaedali Shihab Thangal Smaraka Govt. General Hospital	0483-2766880	501
15	Kozhikkode	0495-2365367	550
16	Kalpetta, Wayanad	04936-206768	250
17	Thalassery, Kannur	0490-2322150	541
18	Kasaragod	0494-230080	212
II	District Hospitals		
1	Peroorkada, Thiruvananthapuram	0471-2432071	337
2	Nedumangad	0472-2802262	225
3	Kollam	0474-2742004	537
4	Kozhancherry, Pathanamthitta	0468-2214108	210
5	Mavelikkara	0479-2303394	347
6	Chengannoor, ALPY	0479-2452267	140
7	Painvu, IDKY	04862-232474	130
8	Thodupuzha, IDKY	04862-222630	144
9	Aluva, EKLM	0484-2629242	227
10	Wadakkancery, TSR	04884-232221	117
11	Palakkad	0491-2533327	544
12	Nilamboor, MLPM	04931-220351	142

Sl.No.	Institution	Phone No.	No. of Beds
13	Thirur, MLPM	0494-2423834	164
14	Perinthalmanna,MLPM	04933-227279	177
15	Vadakara, KKD	0496-2524259	210
16	Mananthavady, WYND	04935-240265	500
17	Kannur	04972-731234	616
18	Kanhangad, KSGD	0467-2217018	400
III	Speciality Hospitals		
III (a)	W&C Hospital		
1	Thycaud, TVPM	0471-2323457	428
2	Victoria Hospital. Kollam	0474-2752700	273
3	Alappuzha	0477-2251151	308
4	Mattancherry,EKM	0484-2224511	132
5	Palakkad	0491-2530012	103
6	Kozhikode	0495-2721998	295
7	E K Nayanar Memmorial W&C Hospital,Kannur	0497-2784650	100
III (b)	MENTAL HEALTH CENTRES		
1	Mental Health Centre, Peroorkada TVPM	0471-2434762	507
2	Mental Health Centre, Thrissur	0487-2385981	361
3	Mental Health Centre, Kozhikode	0495-2741386	474
III (c)	TB HOSPITALS		
1	CDH Pulayanarkotta, TVPM	0471-2442041	508
2	HCD, Karunagappally, KLM	0476-2620257	50
3	CDH Karuvatta, ALPY	0479-2491933	12
4	District TB Centre,Ponnani, MLPM	0494 2666050	52
III (d)	LEPROCY HOSPITALS		
1	Nooranadu Leprosy Sanitorium, Alappuzha	0479-2382331	767
2	Leprosy Hospital, Koraty,TSR	0480-2732035	660
3	Govt Hospital of Dermatology, Kozhikode	0495-2355840	263
III (e)	OTHERS		
1	Government Ayurvedic Maternity Hospital, Poojappura, TVPM	0471-2350938	6

Sl.No.	Institution	Phone No.	No. of Beds
2	Coastal speciality Hospital, Valiyathura, TVPM	0471-2502480	34
3	Fisheries Hospital, Pallana,ALPY	0477-2297644	20
4	K.R.Narayanan Memorial Speciality Hospital, Uzhavoor, KTYM	04822-241045	150
5	Tribal Special Hospital, Kottathara, Attappady, Pkd	04924-254392	54

III (f) DISTRICT TB CENTRES

1	District TB Centre, TVPM	0471-2464470	0
2	District TB Centre,KLM	0474-2748985	0
3	District TB Centre, Kozhanchery,	0468-2310890	0
4	District TB Centre, ALPY	0477-2252861	24
5	District TB Centre, Kottayam	0481-2303965	0
6	District TB Centre, Vandanmedu,IDKY	0486-2233157	0
7	District TB Centre, Palluruthy,EKLM	0484-2225491	0
8	District TB Centre, Thrissur	0487-2428886	0
9	District TB Centre,Palakkad	04912-529545	0
10	District TBC Manjery	0483 2761064	0
11	District TB Centre ,Kozhikkode	0495-2740951	0
12	District TB Centre Mananthavady,WYD	0493-5244149	0
13	District TB Centre, Kannur	0497-2733491	0
14	District TB Centre, Kasaragod	0499-4221994	0

Public Health Delivery Points in Kerala - 2017

Table 8.5

SL NO	DISTRICT	SL NO	NAME OF INSTITUTION	
1	TVPM	1	GH	Neyyattinkara
2		2	DH	Nedumangadu
3		3	DMH	Peroorkada
4		4	SAT	SAT, Thiruvananthapuram
5		5	W&C	Thycadu
6		6	W&C	Govt. Ayurvedic Maternity Hospital For Women & Children, Poojappura, TVPM (AH, W&C)
7		7	THQH	Chirayinkeezhu
8		8	THQH	Parassala
9		9	TH	Fort
10		10	TH	Vithura
11		11	TH	Varkala
12		12	TH	Attingal
13	KLM	1	Victoria Hospital	Kollam
14		2	THQH	Punalur
15		3	THQH	Kottarakkara
16		4	THQH	Karunagappally
17		5	THQH	Sasthamkotta
18		6	TH	Kadakkal
19	PTA	1	GH	Adoor
20		2	GH	Pathanamthitta
21		3	DH	Kozhencherry
22		4	THQH	Ranni
23		5	THQH	Tiruvalla
24	ALP	1	DH	Mavelikkara
25		2	DH	Chenganoor
26		3	MCH	Alappuzha
27		4	W&C	Alappuzha
28		5	THQH	Cherthala
29		6	THQH	Kayamkulam
30		7	THQH	Haripad

SL NO	DISTRICT	SL NO	NAME OF INSTITUTION	
31	KTM	1	GH	Kanjirappally
32		2	GH	Changanassery
33		3	GH	Pala
34		4	GH	Kottayam
35		5	MCH	MCH, Kottayam
36		6	THQH	Vaikom
37		7	THQH	Paampady
38	IDK	1	DH	Thodupuzha
39		2	DH	Painavu, Idukki
40		3	THQH	Adimaly
41		4	THQH	Nedumkandom
42	EKM	1	GH	Ernakulam
43		2	GH	Muvatupuzha
44		3	DH	Aluva
45		4	MCH	MCH, Kalamassery
46		5	W&C	Mattanchery, Ernakulam
47		6	THQH	Kochi
48		7	THQH	Perumbavoor
49		8	THQH	Kothamangalam
50		9	THQH	Tripunitura
51		10	THQH	North Paravur
52	TSR	1	GH	Thrissur
53		2	GH	Irinjalakuda
54		3	DH	Wadakanchery
55		4	MCH	MCH, Thrissur
56		5	THQH	Chalakydy
57		6	THQH	Chavakkad
58		7	THQH	Kodungallur
59		8	TH	Kunnamkulam
60	PKD	1	W&C	Palakkad
61		2	GTSH	Govt. Tribal Speciality Hospital, Kottathara
62		3	THQH	Mannarakad
63		4	THQH	Chittur
64		5	THQH	Alathur
65		6	THQH	Ottapalam
66		7	TH	Pattambi
67		8	CHC	Agali
68		9	CHC	Kuzhalmannam
69		10	CHC	Kozhinampara
70		11	CHC	Nenmara

SL NO	DISTRICT	SL NO	NAME OF INSTITUTION	
71	MLPM	1	GH	Panakkad Said Muhammadali Shihab Thangal Smaraka
72		2	DH	Nilambur
73		3	DH	Perinthalmanna
74		4	DH	Tirur
75		5	THQH	Malappuram
76		6	THQH	Ponnani
77		7	THQH	Thiruurangadi
78		8	TH	Kuttiapuram
79		9	TH	Wandoor
80		10	CHC	Edappal
81	KKD	1	GH	Kozhikode
82		2	DH	Vatakara
83		3	MCH	MCH, Kozhikode
84		4	W&C	Kozhikode
85		5	THQH	Koyilandy
86		6	TH	Kuttiady
87		7	TH	Thamarassery
88		8	TH	Perambra
89	WYD	1	GH	Kalpetta
90		2	DH	Mananthavady
91		3	THQH	SulthanBathery
92		4	THQH	Vythiri
93		5	CHC	Meenangady
94	KNR	1	GH	Thalassery
95		2	DH	Kannur
96		3	W&C	mangattuparamba
97		4	THQH	Taliparamba
98		5	TH	Payyannur
99		6	TH	Kuthuparamba
100	KSD	1	GH	Kasaragod
101		2	DH	Kanhangad

(Updated on 18-11-2017)

TABLE 8.6
SPECIAL NEWBORN CARE UNITS

SL NO	DISTRICT	NAME OF HOSPITALS		E- MAIL ID
1	TVPM	SAT	SAT Hospital, TVPM	sathsvm@gmail.com
2		W&C	Thycaud, TVPM	wchthycaud@gmail.com
3	KLM	Victoria Hospital	Victoria hospital, kollam	victoriakollam@gmail.com
4	ALPY	W&C	Alappuzha	wcalpy@gmail.com
5		MCH	Alappuzha	mchalappuzha@gmail.com
6	KTYM	MCH	Kottayam	medicalcollegekottayam@gmail.com
7		GH	Kottayam	districthospitalktm@gmail.com
8	EKLM	GH	Ernakulam	generalhospitalernakulam@gmail.com
9		MCH	Ernakulam	
10	TSR	MCH	Thrissur	
11		GH	Thrissur	districthospitalthrissur@gmail.com
12	PKD	W&C	Palakkad	wandcpkd@gmail.com
13		GTSH	Kottathara,Palakkad	
14	MLPM	GH	Manjeri, Malappuram	dhmanjeri@gmail.com
15	KKD	W&C	Kozhikode	wckozhikode@gmail.com,
16		MCH	Kozhikode	
17	KNR	DH	Kannur	dhkannur@yahoo.co.in

TABLE 8.7					
NEW BORN STABILISATION UNIT					
SL NO	DISTRICT	SL NO	NAME OF HOSPITALS		PHONE NUMBERS
1	THIRUVANANTHAPURAM	1	GH	Neyyattinkara	0471-2221935
2		2	DH	Nedumangad	0472-2802262
3		3	DMH	District Model Hospital Peroorkada	0471-2432071
4		4	THQH	Chirayinkeezhu	0470-2646565
5		5	THQH	Parassala	0471-2202266
6		6	TH	Varkala	0470-2602549
7		7	TH	Fort,Tvpm	0471-2471766
8		8	CHC	Kanyakulangara	0472-2832209
9	KOLLAM	1	THQH	Kottarakkara	0474-2452610
10		2	THQH	Punalur	0475-2228702
11		3	THQH	Karunagapally	0476-2620256
12		4	THQH	Sasthamkotta	0476-2831899
13		5	TH	Kadakkal	0474-2423301
14	PATHANAMTHITTA	1	GH	Pathanamthitta	0468-2222364
15		2	GH	Adoor	04734-223236
16		3	DH	Kozhencherry	0468-2214108
17	ALAPPUZHA	1	DH	Mavelikkara	0479-2303394
18		2	DH	Chenganoor,Alpy	0479-2452267
19		3	THQH	Cherthala	0478-2812693
20		4	THQH	Haripad	0479-2412765
21		5	THQH	Kayamkulam	0479-2447274
22	KOTTAYAM	1	GH	Changanacherry	0481-2402349
23		2	GH	Kanjirapally	04828-202292
24		3	GH	Pala	04822-215154
25		4	THQH	Vaikom	04829-231261
26	IDUKKI	1	DH	Thodupuzha,Idk	04862-222630
27		2	THQH	Adimaly	04864-22670
28		3	THQH	Nedumkandam,Idk	04868-232650
29	ERNAKULAM	1	GH	Muvattupuzha	0485-2832360
30		2	DH	Aluva	0484-2629242
31		3	W&C	W & C Ernakulam	0484-2224511
32		4	THQH	North Paravoor	0484-2442365
33		5	THQH	Perumbavoor	0484-2523138
34		6	THQH	Kothamangalam	0485-2822603
35		7	THQH	Thrippunithura	0484-2777315
36	THRISSUR	1	DH	Vadakkancherry	04884-232221
37		2	THQH	Kodungallur	0480-2802394
38		3	THQH	Chalakydy	0480-2701823
39		4	THQH	Chavakkad	0487-2501110
40		5	TH	Kunnamkulam	04885-222233

SL NO	DISTRICT	SL NO	NAME OF HOSPITALS		PHONE NUMBERS
41	PALAKKAD	1	THQH	Ottapalam	0466-2244480
42		2	THQH	Alathur	04922-222322
43		3	THQH	Chittur	04923-222385
44		4	THQH	Mannarkkad	04924-222380
45	MALAPPURAM	1	DH	Nilambur	04931-220351
46		2	DH	Perinthalmanna	04933-227279
47		3	DH	Tirur	0494-2423834
48		4	THQH	Tirurangadi	0494-2460372
49		5	THQH	Ponnani	0494-2663089
50		6	THQH	Malappuram	0483-2734866
51		7	TH	Wandoor	04931-247378
52		8	TH	Areacode	0483-2851700
53		9	CHC	Edappal	0494-2685189
54	KOZHIKKODE	1	DH	Vadakara	0496-2524259
55		2	THQH	Koilandy	0496-2620241
56		3	TH	Perambra	0496-2610575
57		4	TH	Kuttiyadi	0496-2597173
58		5	TH	Thamarasserry	0495-2222098
59	WAYANAD	1	DH	Mananthavadi	04935-240265
60		2	THQH	Sulthan Bathery	04936-221136
61		3	THQH	Vythiri	04936-255228
62		4	CHC	Meenangady	04936-247290
63	KANNUR	1	GH	Thalassery	0490-2322150
64		2	THQH	Thaliparamba	0460-2203298
65		3	TH	Payyanur	0498-5205716
66		4	TH	Koothuparamba	0490-2364150
67	KASARGODE	1	GH	Kasaragod	0494-230080
68		2	DH	Kanjangad	0467-2217018

DIALYSIS UNITS UNDER HEALTH SERVICE Table 9

SI No	District	No of units	No of hospitals	Dialysis units
1	Alappuzha	1	1	Taluk Head Quarters Hospital, Harippad
		2	2	GH Alappuzha
		3	3	Taluk Hospital, Thuravoor
2	Ernakulam	1	4	General Hospital, Eranakulam
		2	5	District Hospital, Aluva
		3	6	THQH Thripunithura
		4	7	THQH Kochi
		5	8	Taluk Head Quarters Hospital, Perumbavoor
3	Idukki	1	9	Taluk Head Quarters Hospital, Thodupuzha
4	Kannur	1	10	District Hospital, Kannur
5	Kasaragode	1	11	General Hospital, Kasaragod
		2	12	DH Kasargod
6	Kollam	1	13	TH Neendakara
		2	14	District Hospital, Kollam
		3	15	THQH Punaloor
7	Kottayam	1	16	General Hospital, Kottayam
8	Kozhikode	1	17	General Hospital, Kozhikode
		2	18	District Hospital, Vadakara
		3	19	Taluk Head Quarters Hospital, Kuttiady
		4	20	Taluk Head Quarters Hospital, Perambra
		5	21	Taluk Head Quarters Hospital, Thamarassery
9	Malappuram	1	22	District Hospital, Tirur
		2	23	District Hospital, Nilambur
		3	24	Taluk Head Quarters Hospital, Thirooragady
		4	25	Taluk Head Quarters Hospital, Ponnani
		5	26	PHC Marancherry
		6	27	GH Manjeri
		7	28	CHC Kondotty
10	Palakkad	1	29	District Hospital, Palakkad
		2	30	Taluk Head Quarters Hospital, Ottappalam
		3	31	Agali Kottathara Tribal Super Speciality Hospital
		4	32	CHC Chalisserry
11	Pathanamthitta	1	33	GH Pathanamthitta
		2	34	District Hospital, Kozhanchery
12	Thiruvananthapuram	1	35	General Hospital, Thiruvananthapuram
		2	36	General Hospital, Neyyattinkara
13	Thrissur	1	37	General Hospital, Thrissur
		2	38	THQH Kodugallur
		3	39	Taluk Head Quarters Hospital, Chalakkudy
14	Wayanad	1	40	District Hospital, Mananthavady
		2	41	Taluk Head Quarters Hospital, Vythiri

Table 10**Details of Institutions having facilities for Eye Donation**

Sl. No	District	No.	Name of Institution	Phone Number	Remarks
1	Trivandrum	2	1. Regional Institute of Ophthalmology	0471-2304046	Govt. – Eye Bank & CTC
			2. Chaithanya Eye Hospital	0471-2447183	Private ECC
2	Kollam	1	1. District Hospital Kollam	0474-2750206, 2742004	Govt. –ECC
3	Pathanamthitta	1	1 District Hospital Pathanamthitta	0468-2222364	Govt. –ECC
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	4	1. Little Flower Hospital	0484-2452546,	Private- Eye Bank & CTC
			2. Amritha Institute of medical Science	0484-2851234,6681234	
			3. Tony's Eye Hospital	0484-2922547,903740	
			4. Giridhar Eye Hospital	0484-4170000	
7	Thrissur	2	1. Medical College Hospital Thrissur	0487-2200310 to 320	Govt. – Eye Bank & CTC
			2. Jubily Mission Hospital	0487-2420136, 2420361,242165	Private- Eye Bank & CTC
8	Palakkad	1	1. Ahalya Eye Hospital, Valayar	0492-3235100 to 108	Private- Eye Bank & CTC
9	Malappuram	1	1. Alsalama Eye hospital, Valayar	0493-3393123	Private- Eye Bank & CTC
10	Kozhikkode	2	1. Medical College Hospital Kozhikkode	0495-2357457	Govt. – Eye Bank & CTC
			2. Comtrust Eye Hospital	0495-2723793	Private- Eye Bank & CTC
11	Kannur	2	1. District Hospital Kannur	0497-2731234	Govt. –ECC
			2. Govt. General Hospital, Thalassery	0490-2322150	Govt. –ECC

Table 11
Blood Bank Details

Govt Blood Banks	37
Private Blood Banks	130
Blood Bank under Defence	1
Blood Banks in co-operative sector.	7
Total Number of Blood Banks in Kerala	175

Govt. Blood Banks under DHS

SL No	Blood Bank	District
1	W&C Hospital, Alappuzha	Alappuzha
2	General Hospital, Ernakulam	Ernakulam
3	District Hospital, Regional Blood Transfusion Centre, Aluva	Ernakulam
4	District Hospital, Pynavu	Idukki
5	District Hospital	Kanuur
6	General Hospital, Thalassery	Kanuur
7	Malabar Cancer Center, Thalassery	Kanuur
8	General Hospital	Kasargod
9	District Hospital, Kanhangad	Kasargod
10	District Hospital	Kollam
11	Taluk Head Quarters Hospital, Punalur	Kollam
12	Taluk Head Quarters Hospital, Kottakkara	Kollam
13	District Hospital	Kottayam
14	Govt. General Hospital	Kozhikode
15	Govt. W & C Hospital, Kottapparamba	Kozhikode
16	Govt Hospital, Perinthalmanna	Malappuram
17	District Hospital, Thirur	Malappuram
18	District Hospital	Palakkad
19	General Hospital	Pathanamthitta
20	Taluk Head Quarters Hospital, Thiruvalla	Pathanamthitta
21	General Hospital	Thiruvananthapuram
22	Taluk head Quarter Hospital , Chirayinkeezhu	Thiruvananthapuram
23	Women & Children Hospital, Thycaud	Thiruvananthapuram
24	District Hospital, Neyyattinkara	Thiruvananthapuram
25	District Hospital	Thrissur
26	District Hospital, Manathavadi	Wayanad
27	Taluk Head Quarters Hospital, Sulthan Bathery	Wayanad

Govt. Blood Banks under DME

1	Medical College Hospital	Kozhikode
2	Medical College Hospital, Mulangunnathukavu	Thrissur
3	Medical College Hospital	Thiruvananthapuram
4	Medical College Hospital, Gandhinagar	Kottayam
5	Govt. Medical College Hospital, Kalamassery	Ernakulam
6	Medical College Hospital, Vandanam	Alappuzha
7	Medical College Hospital, Manjeri	Malappuram
8	Govt. Medical College Hospital, Parippally	Kollam

Blood Bank Details
Autonomous Blood Banks under Govt. Sector

1	Regional Cancer Centre, Medical College Campus, Thiruvananthapuram (Under Central Govt.)	Thiruvananthapuram
2	Sri ChithiraThirunal Institute of Medical Science & Technology Medical College Campus, Thiruvananthapuram (Under Central Govt.)	Thiruvananthapuram

Blood Banks in the Co-operative sector

SL No	Blood Bank	District
1	Academy of Medical Sciences, Pariyaram	Kannur
2	The Payyannur Co-operative Hospital Society Ltd., Payyannur	Kannur
3	Cannannore Co-operative Hospital Society, Talap	Kannur
4	Tellichery Co-operative Hospital, Thalassery	Kannur
5	Badagara Sahakarana Asupathri Ltd., Vatakara	Kozhikode
6	Kozhikode District Co - Operative Hospital	Kozhikode
7	Palakkad District Hospital & Research Centre Ltd.,Kallekkad	Palakkad

Blood Bank under Defence

SL No	Blood Bank	District
1	INHS Sanjivani, Willingdon Island	Ernakulam

Private Blood Banks

Sl.No	Name of the Blood Bank	District
1	K.V.M.Hospital, Chertala	Alappuzha
2	Century Hospital, Mulakuzha, Chenganoor	Alappuzha
3	Sacred Heart Hospital, Mathilakom, Cherthala	Alappuzha
4	V S M Hospital, Thattarambalam, Mavelikkara	Alappuzha
5	Sanjivani Multispeciality Hospital, Cheriyanaad , Chengannur,	Alappuzha
6	Carmel Hospital, Ashokapuram, Aluva	Ernakulam
7	Little Flower Hospital, Angamaly, Ernakulam	Ernakulam
8	Aster Medicity, Cheranelloor	Ernakulam
9	Amritha Institute of Medical Sciences & Research Centre	Ernakulam
10	Lisie Hospital, Kaloor	Ernakulam
11	Malankara Orthodox Syrian Church Medical Mission Hospital, Kolencherry	Ernakulam
12	Medical Trust Hospital, M.G. Road	Ernakulam
13	P.V.S. Memorial Hospital Ltd, Kaloor	Ernakulam
14	Samaritan Hospital, Kizhakambalam	Ernakulam
15	Sunrise Institute of Medical Sciences (P) Ltd., Kakkanad	Ernakulam
16	Devamatha Hospital, Koothattukulam	Ernakulam
17	Mar Baselius Medical Mission Hospital, Kothamangalam	Ernakulam
18	St Joseph Hospital, Dharmagiri, Kothamangalam	Ernakulam
19	Lakeshore Hospital & Research Centre Ltd, Maradu, Nettoor	Ernakulam
20	Nirmala Medical Center, Kizhakkekara, Moovattupuzha	Ernakulam
21	Sree Narayana Institute of Medical Sciences, Chalakka, North Kuthyathode	Ernakulam
22	Sanjoe Hospital, Perumbavoor	Ernakulam
23	Rajagiri Hospital, Changamveli, Aluva	Ernakulam
24	IMA Voluntary Donor Blood Bank	Ernakulam
25	Lourds Hospital, Pachalam	Ernakulam
26	Morning Star Medical Centre, Nazareth Hill, Adimali	Idukki
27	St Johns Hospital, Kattappana South	Idukki
28	M.M.T.Hospital, (Mundakkayam Medical Trust Hospital), Mundakayam East	Idukki

Blood Bank Details

29	Tata Tea Limited, General Hospital, Nullatanni, Munnar	Idukki
30	Alphonsa Hospital, Annakara, Murikkassery	Idukki
31	Holy Family Hospital, Muthalakodam, Thodupuzha	Idukki
32	Al-Azhar Medical College & Hospital, Kumaramangalam, Thodupuzha	Idukki
33	IMA Blood Bank Society, Thodupuzha	Idukki
34	Chazhikkattu Hospital (P) Ltd., Thodupuzha	Idukki
35	Kannur Medical College and Hospital, Anjarakandy	Kannur
36	St.Martin De Porres Hospital, Cherukunnu	Kannur
37	Sara Memorial Medical Laboratory and Blood Bank, Fort Road	Kannur
38	Josgiri Hospital, Thalaseery	Kannur
39	S.N.Trust Medical Mission Sankar Memorial Hospital	Kollam
40	Upasana Hospital, Q.S. Road, N.H. 208	Kollam
41	Padmavathy Medical Foundation, Manakkara	Kollam
42	Azeezia Medical College, Meeyanoor	Kollam
43	Travancore Medical College Hospital, Medicity, Umayanalloor	Kollam
44	Bishop Benziger Hospital, Beach Road	Kollam
45	Holy Cross Hospital, Kottiyam	Kollam
46	IMA Blood Bank, Ashramam	Kollam
47	St. Joseph Hospital, Anchal	Kollam
48	Mary Queens Mission Hospital, Kanjirapally	Kottayam
49	Little Lourde Mission Hospital, Kidangoor	Kottayam
50	St Thomas Hospital, Chettipuzha, Changanacherry	Kottayam
51	MUM Hospital, Monippally	Kottayam
52	Holy Ghost Mission Hospital, Muttuchira	Kottayam
53	Rotary Blood Bank, Mangad Building	Kottayam
54	S.H. Medical Centre, Nagampadam	Kottayam
55	Carmel Medical Centre, Thirumuppam, Pala	Kottayam
56	Marian Medical Centre, Arunapuram, Pala	Kottayam
57	Velankanni Matha Hospital Pvt. Ltd., Thellakom	Kottayam
58	Caritas Hospital, Thellakom	Kottayam
59	Indo American Hospital, Brain & Spine Centre, Akkarappadam, Vaikom	Kottayam
60	Bharath Charitable Hospital Society, Azad Lane	Kottayam
61	I.H.M. Hospital, Bharananganam, Pala	Kottayam
62	MMC Hospital, Modakkallur, Atholi	Kozhikode
63	Metro International Cardiac Centre, Thondayad Bypass Road	Kozhikode
64	Baby Memorial Hospital, Indira Gandhi Road	Kozhikode
65	K M C T Hospital, Manassery, Mukkam	Kozhikode
66	National Hospital, Mavoor Road	Kozhikode
67	Malabar Institute Of Medical Sciences, Govindapuram	Kozhikode
68	IQRAA Hospital, Malaparamba	Kozhikode
69	Nirmala Hospital, Marikunnu, Vellimadukunnu	Kozhikode
70	St. Joseph Hospital, Agastianmoozhi, Mukkam	Kozhikode
71	P.V.S.Hospital (P) Ltd, Railway Station Road	Kozhikode
72	Santhi Hospital, Omaserry	Kozhikode
73	Meitra Hospital, Edakad	Kozhikode
74	MVR Cancer Centre & Research Institute, Chooloor	Kozhikode
75	Sree Valsam Institute of Medical Sciences, Kololamba, Edappal	Malappuram
76	Edappal Hospital (P) Ltd, Edappal	Malappuram
77	Malabar Institute of Medical Sciences, Kottakkal	Malappuram
78	Almas Hospital, Changuvetti, Kottakkal	Malappuram
79	Orchid Institute of Health Care and Research Pvt. Ltd, Down Hill	Malappuram

Blood Bank Details

80	Korambayil Hospital, Manjeri	Malappuram
81	Al-Shifa Hospital Pvt Ltd., Perinthalmanna	Malappuram
82	M.E.S Medical College, Palachaode, Perinthalmanna	Malappuram
83	Karuna Medical College Hospital, Vilayodi, Chittur	Palakkad
84	Valluvanad Hospital, Kanniyampuram, Ottapalam	Palakkad
85	Palakkad Blood Bank, Civil Station Road	Palakkad
86	Ahalya International Foundation, Kuruppam Road	Palakkad
87	P K Das Institute of Medical Sciences, Vaniamkulam	Palakkad
88	Lifeline Super Speciality Hospital, Adoor	Pathanamthitta
89	MGM Muthoot Medical Centre, Kozhencherry	Pathanamthitta
90	Fellowship Mission Hospital, Kumbanad	Pathanamthitta
91	Chithra Hospital, Kadakkadu, Pandalam	Pathanamthitta
92	Thiruvalla Medical Mission Hospital, Tiruvalla	Pathanamthitta
93	Pushpagiri Hospital, Tiruvalla	Pathanamthitta
94	Believers Church Medical College Hospital, Kuttapuzha	Pathanamthitta
95	MGM Muthoot Medical Centre, Ring Road	Pathanamthitta
96	Poyanil Hospital, Kozhencherry	Pathanamthitta
97	Mount Zion Medical College Hospital, Ezhamkulam, Adoor	Pathanamthitta
98	Holy Cross Hospital, Adoor	Pathanamthitta
99	Amala Institute of Medical Science, Amala Nagar	Thrissur
100	St James Hospital, Anamala, Chalakkudy	Thrissur
101	St Josephs Hospital, Choondal	Thrissur
102	Mary Immaculate Mission Hospital, Chuvakkad, Engandiyur	Thrissur
103	Modern Hospital, Kodungallur	Thrissur
104	Elite Mission Hospital, Koorkkenchery	Thrissur
105	Unity Hospital (P) Ltd, Kanippayyur, Kunnamkulam	Thrissur
106	Maria Theresa Hospital, Kuzhikkattussery	Thrissur
107	Thrissur Metropolitan Health Care (P) Ltd, Koorkenchery	Thrissur
108	Mother Hospital, Pullazhi, Olari	Thrissur
109	Sacred Heart Mission Hospital, Pullur, Irinjalakuda	Thrissur
110	West Fort Hitech Hospital, Punkunnam	Thrissur
111	West Fort Hospital, Westfort	Thrissur
112	Jubilee Mission Hospital, Bishop Alappat Road	Thrissur
113	Malankara Medical Mission Hospital, Adupooty Hills, Kunnamkulam	Thrissur
114	IMA Blood Bank Complex & Research Centre, Ramavarmapuram	Thrissur
115	Dr.Somervel CSI Mission Hospital, Karakonam	Trivandrum
116	NIMS Hospital, Aralumoodu, Neyyattinkara	Trivandrum
117	PRS Hospital Private Limited, Killipalam	Trivandrum
118	Superior Blood Bank, Gandhari Amman Koil Street	Trivandrum
119	Ananthapuri Hospital and Research Institute, Chackai	Trivandrum
120	Kerala Institute of Medical Sciences, Anayara	Trivandrum
121	Sivagiri Sree Narayana Medical Mission Hospital, Puthenchanda, Varkala	Trivandrum
122	Cosmopolitan Hospitals Pvt Ltd, Pattom	Trivandrum
123	Sree Uthradam Thirunal Hospital, Pattom	Trivandrum
124	SUT Royal Hospital, Ulloor	Trivandrum
125	Sree Gokulam Medical College and Research Foundation, Venjaramoodu	Trivandrum
126	S R Super Speciality Hospital, Akathumuri, Varkala	Trivandrum
127	Ruckmoni Memorial Devi Hospital, Ponnambi, Vellarada	Trivandrum
128	SUT Academy of Medical Science, Vencode, Vattappara	Trivandrum
129	Leo Hospital, Kalpetta	Wayanad
130	D M Wayanad Institute of Medical Sciences, Meppadi	Wayanad

Table 12**District wise details of School of Nursing(GNM) 2017**

Sln.	District	Govt.	No. of seats	Private	No. of seats
1	Thiruvananthapuram	2	58	10	280
2	Kollam	2	45	13	425
3	Pathanamthitta	1	20	4	120
4	Alappuzha	1	25	8	245
5	Kottayam	2	40	9	255
6	Idukki	1	20	7	190
7	Ernakulam	2	82	15	550
8	Thrissur	1	28	17	475
9	Palakkad	1	25	4	95
10	Malappuram	1	26	7	215
11	Kozhikode	2	80	9	320
12	Wayanad	1	20	3	90
13	Kannur	1	30	9	310
14	Kasaragod	1	20	4	100
	Total	19	519	119	3670

District wise details of ANM training centres 2017

Sln.	District	Govt.	No. of seats	Private	No. of seats
1	Thiruvananthapuram	1	30	1	35
2	Kollam			2	45
3	Alappuzha			2	70
4	Kottayam	1	25	1	20
5	Palakkad	1	50		
6	Kasaragod	1	25	1	40
	Total	4	130	7	210

Govt Health Supervisory Training Centres

1	Thiruvananthapuram	1	50		
2	Kozhikode	1	50		

Table 12.1

District wise details of College of Nursing 2017									
Sno.	District	Govt.	No. of seats			Private	No. of seats		
			No	B Sc Nursing	Post B Sc Nursing		M Sc Nursing	No	B Sc Nursing
1	Thiruvananthapuram		75	30	28	13	715	150	122
2	Kollam					11	595	155	143
3	Pathanamthitta					10	470	70	56
4	Alappuzha	1	60		20	4	210	90	106
5	Kottayam	1	60		22	10	460	45	27
6	Idukki					2	110	30	16
7	Ernakulam	1	60			17	940	300	115
8	Thrissur	1	60		20	8	420	60	99
9	Palakkad					4	180		
10	Malappuram					6	350	60	61
11	Kozhikode	1	60		30	9	470	30	20
12	Wayanad					2	100		
13	Kannur					9	480	60	47
14	Kasaragod					2	90	0	
	Total	6	375	30	120	107	5590	1050	812
	Nursing college under MG university					Nursing college under SIMET			
1	Pathanamthitta	1	50						
2	Idukki	1	60						
3	Kottayam	3	150						
4	Palakkad					1	60	30	
5	Kasaragod					1	60		
6	Thiruvananthapuram					1	60		
7	Ernakulam	1	40				60	30	
8	Kannur					1		40	

Table 13**Telephone Numbers of District Medical Officers, Health**

District	Name	Office Phone Number	Mobile
Thiruvananthapuram	Dr. Preetha P P	0471 2473257	9946105472
Kollam	Dr Shirly V V	0474 2795017	9946105473
Pathanamthitta	Dr Sheeja A N	0468 2222642	9446105475
Alappuzha	Dr Vasantha Das	0477-2251650	9946105477
Kottayam	Dr Jacob Varghese	0481 2562923	9946105479
		0481 2562778	
Idukki	Dr Sushamma	04862 233030	9946105481
Ernakulam	Dr N K Kuttappan	0484 2360802	9946105483
		0484 2562778	
Thrissur	Dr Sunitha K	0487 2333050	9946105485
		0487 2333242	
Palakkad	Dr Reetha K P	0491 2505189	9946105487
Malappuram	Dr Sakeena K	04832 736241	9946105489
		04832 737857	
Kozhikode	Dr Jayasree V	04952 370540	9946105491
		04952 370494	
Kannur	Dr Narayana Naik K	04972 700709	9946105495
		04972 700194	
Wayand	Dr Jithesh	0493 5241150	9946105493
		0493 5240390	
Kasagode	Dr A P Dineshkumar	04672 203118	9946105497
		04672 209433	

Table 13.1**Telephone Numbers of Programme Officers**

Sl.No	NAME	DESIGNATION	OFFICE	OFFICE (MOBILE)
1	Dr.SARITHA R L	Director of Health Services	2303025	9447139266
2	Dr.Raju.V.R	Addl.DHS(Plg)	2302292	9400355719
3	Dr.Bindhu Mohan	Addl.DHS (Medical)	2303360	9447343238
4	Dr Usha Kumari. S	Addl.DHS (FW)	2303080	9446273212
5	Dr. Parvathy.A.P	Addl.DHS (TB)	2466058	9447424678
6	Dr.Reena.K.J	Addl.DHS (PH)	2302160	9447874515
7	Dr.Raju.V.R	Addl.DHS (Vig) i/c	2302869	9400355719
8	Dr. Semeera. A	Addl DHS (Training & Administration)	2519303	9447525157
9	Dr. Sandeep K	Dy.DHS (FW)	2302490	8943777106
10	Dr.Padmalaatha	Dy.DHS (SLO)	2302745	9447753851
11	Dr. Ajakumari	Dy.DHS (OPH)	2519225	9446854433
12	Dr. Symon Morison	Dy.DHS (Dental)	2519250	9995919664
13	Dr.V.Meenakshy	Dy.DHS(PH)	2302490	9946105463
14	Dr.C. K. Jagadeesan	Dy.DHS(Planning)	2302243	9447124413
15	Dr.V.Anil	Asst.Dir. (PH)	2519318	9846021483
16	Dr.Manjula Bai.N.S	ORT Officer	2519282	9447494937
17	Dr. Bipin K Gopal	IUD M.O	2519275	9447001934
18	Dr. Pooja Prakash S	MO State TB cell	2466058	9447760366
19	Sri.R.T.Madhu	SHTO	2301906	9446460243
20	Sri.Ajayamohan E M	Sr.A.O	2303476	9496432833
21	Sri.Ferold xavier	Sr.F.O	2304640	9895267114
22	Smt.Bindhu.S	F.O	2519313	9495784818
23	Sri.Manojkumar.M	ELO	2519333	9400726638
24	Sri.Jeevan.N	L.O	2519204	9847102377
25	Sri. Anilkumar.R	SMEO	2302445	9447181737
26	Smt. Ambiliprasad	Asst. DNS	2519320	9895913054
27	Smt. M.G.Sobhana	DDNS	2519321	9496243554
28	Dr.Binoy.S.Babu	JAMO (PH)	2519241	9947063911
29	Dr.Aanoj.S	JAMO(FW)	2519275	9447335860
30	Dr.Veena Saroji. H	JAMO(Plg)	2519275	9447696978
31	Sri. N.Suresh kumar	Demographer	2519229	9400469028

Table 14		
Days to be Remembered		
Sl. No	Date	Days
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 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	157	1	26	4	147	1	100	90	1729
2	Kollam	68	1234	11	152	1	26	4	131	1	55	85	1598
3	Pathanamthitta	53	788	8	106	1	16	4	132			66	1042
4	Alappuzha	72	1169	12	158	1	23	6	215			91	1565
5	Kottayam	71	1140	11	146	1	22	6	204			89	1512
6	Idukki	52	792	8	104	1	16	2	69			63	981
7	Ernakulam	82	1338	14	185	1	27	13	421	1	74	111	2045
8	Thrissur	86	1465	16	213	1	29	7	274	1	55	111	2036
9	Palakkad	88	1490	13	183	1	30	7	240			109	1943
10	Malappuram	94	1778	15	223	1	32	12	479			122	2512
11	Kozhikode	70	1226	12	169	1	27	7	265	1	75	91	1762
12	Wayanad	23	413	4	54	1	16	3	99			31	582
13	Kannur	71	1166	11	149	1	24	9	289	1	55	93	1683
14	Kasaragod	38	664	6	83	1	17	3	113			48	877
Kerala		941	15962	152	2082	14	331	87	3078	6	414	1200	21867

Table 16

Kerala Emergency Medical Service Project Register No and Parking Location of 108 Ambulance				
Sl.No.	District	Reg No.	Parking Locations	Contact Numbers
1	ALAPPUZHA	KL-01-AY-1907	Harippad THQH	7593856431
2	ALAPPUZHA	KL-01-AY-1956	Nooranadu LS	7593856432
3	ALAPPUZHA	KL-01-AY-1696	Edathua CHC	7593856433
4	ALAPPUZHA	KL-01-AY-1687	Trikunnapuzha CHC	7593856434
5	ALAPPUZHA	KL-01-AY-1643	Ambalapuzha UHTC	7593856435
6	ALAPPUZHA	KL-01-AY-1624	Mavelikara DH	7593856436
7	ALAPPUZHA	KL-01-AY-1695	Mannar CHC	7593856437
8	ALAPPUZHA	KL-01-AY-1974	Chengannur THQH	7593856438
9	ALAPPUZHA	KL-01-AY-1935	Cherthala THQH	7593856439
10	ALAPPUZHA	KL-01-AY-1640	Alappuzha G H	7593856440
11	ALAPPUZHA	KL-01-AY-1932	Veliyanad CHC	7593856441
12	ALAPPUZHA	KL-01-AY-1969	ThuravoorTH	7593856442
13	ALAPPUZHA	KL-01-AY-1627	Arookutty CHC	7593856443
14	ALAPPUZHA	KL-01-AY-1647	Muhamma CHC	7593856444
15	ALAPPUZHA	KL-01-AY-1665	Mararikulam PHC	7593856445
16	ALAPPUZHA	KL-01-AY-1680	Chambakulam CHC	7593856446
17	ALAPPUZHA	KL-01-AY-1689	Kayamkulam THQH	7593856447
18	ALAPPUZHA	KL-01-AY-1926	Muthukulam CHC	7593856448
19	TRIVANDRUM	KL-01-AY-1912	Varkala THQH	7593856414
20	TRIVANDRUM	KL-01-AY-1884	Navaikulam PHC	7593856425
21	TRIVANDRUM	KL-01-AY-1951	Kesavapuram CHC	7593856413
22	TRIVANDRUM	KL-01-AY-1648	Chiryainkeezhu THQH	7593856407

23	TRIVANDRUM	KL-01-AY-1611	Attingal THQH	7593856411
24	TRIVANDRUM	KL-01-AY-1924	Vamanapuram PHC	7593856406
25	TRIVANDRUM	KL-01-AY-1911	Kallara CHC	7593856404
26	TRIVANDRUM	KL-01-AY-1975	Mangalapuram PHC	7593856408
27	TRIVANDRUM	KL-01-AY-1901	Nedumangadu DH	7593856412
28	TRIVANDRUM	KL-01-AY-1949	Vithura CHC	7593856405
29	TRIVANDRUM	KL-01-AY-1908	Valiyathura CHC	7593856403
30	TRIVANDRUM	KL-01-AY-1669	Vizhinjam CHC	7593856415
31	TRIVANDRUM	KL-01-AY-1676	Chakka Fire Station	7593856417
32	TRIVANDRUM	KL-01-AY-1945	Malayinkeezhu CHC	7593856401
33	TRIVANDRUM	KL-01-AY-1606	Nemom CHC	7593856402
34	TRIVANDRUM	KL-01-AY-1941	Peroorkada DH	7593856409
35	TRIVANDRUM	KL-01-AY-1965	Kattakada CHC	7593856410
36	TRIVANDRUM	KL-01-AY-1943	Technopark	7593856416
37	TRIVANDRUM	KL-01-AY-1937	Thycaud W&C	7593856417
38	TRIVANDRUM	KL-01-AY-1605	Kanyakulangara CHC	7593856419
39	TRIVANDRUM	KL-01-AY-1656	Vellanadu CHC	7593856420
40	TRIVANDRUM	KL-01-AY-1596	Vellarada CHC	7593856421
41	TRIVANDRUM	KL-01-AY-1976	Vattiyookavu PHC	7593856422
42	TRIVANDRUM	KL-01-AY-1581	Neyyattinkara GH	7593856423
43	TRIVANDRUM	KL-01-AY-1982	Parasala DH	7593856424

Annexure I

Vital Statistics

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	= $\frac{\text{Number of infant deaths of 29 days to } < \text{ than one year during the year}}{\text{Number of live births during the year}}$	X1000
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 Ratio (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

