

APPENDICES

Appendix 1.1

(Reference: Paragraph 1.9; Page 7)

List of sampled Hospitals and Health Care Facilities

Sl. No.	Sampled district	Tertiary care hospitals		Secondary care Hospitals			Primary care Health facilities		
		Sl. No.	Name of the Hospital	Sl. No.	Name of the Hospital	DHQH / TKH / NTKH	Sl. No.	Name of the PHC / UPHC/ Urban PHC	Type*
1	Erode	1.	GMCH, Erode	1.	Erode	DHQH	1.	Chennimalai	BPHC
				2.	Bhavani	TKH	2.	Modakurchi	BPHC
				3.	Kavandapadi	NTKH	3.	Sivagiri	BPHC
							4.	Thingalur	BPHC
							5.	Erode (Gandhiji Road)	Urban PHC
							6.	Gobichettipalaiyam Town	Urban PHC
2	Karur	2.	GMCH, Karur	4.	Manmangalam	TKH	7.	Chinnadharapuram	BPHC
				5.	Velayuthapalayam	NTKH	8.	Kadavur	APHC
							9.	Karur Town (Azad Road)	Urban PHC
3	Perambalur			6.	Perambalur	DHQH	10.	Ammapalayam	UPHC
				7.	Karai	TKH	11.	Kaikalathur	PHC
4	Thanjavur	3.	GMCH, Thanjavur	8.	Kumbakonam	DHQH	12.	Naducavery	BPHC
				9.	Orathanadu	TKH	13.	Vallam	BPHC
				10.	Thirukkattupalli	NTKH	14.	Chakkarapalli	PHC
							15.	Poondi	PHC
							16.	Kumbakonam Town (EVRM)	Urban PHC
5	Theni	4.	GMCH, Theni	11.	Periyakulam	DHQH	18.	Kadamalaigundu	UPHC
				12.	Andipatti	TKH	19.	Kurangani	PHC
				13.	Chinnamanur	NTKH	20.	Theni Town (Bommayagoundan-patti)	Urban PHC
							21.	Vettavalam	BPHC
6	Tiruvanna-malai	5.	GMCH, Tiruvanna-malai	14.	Cheyyar	DHQH	21.	Vettavalam	BPHC
				15.	Thandarampattu	TKH	22.	Jamunamarathur	UPHC
				16.	Thanipadi	NTKH	23.	Karapattu	BPHC
							24.	Nammiyampattu	BPHC
							25.	Santhavasal	PHC
							26.	Tiruvannamalai Town (Central)	Urban PHC

* DHQH: District Head Quarters Hospital; TKH: Taluk Hospital; NTKH: Non-Taluk Hospital; BPHC: Block Primary Health Centre; UPHC: Upgraded Primary Health Centre; PHC: Primary Health Centre; APHC: Additional PHC

Appendix 2.1

(Reference: Paragraphs 2.2 and 5.1.2; Pages 13 and 72)

Details of vacancies in all Medical College Hospitals in the State as of March 2022

Sl. No	Medical College Hospital	Year of starting and Number of MBBS seats sanctioned		Doctors ¹			Nurses			Paramedics			Others		
		Year of starting	Number of MBBS seats	SS	PIP	Vacant	SS	PIP	Vacant	SS	PIP	Vacant	SS	PIP	Vacant
1	Rajiv Gandhi Government General Hospital, Chennai	1835	250	29	23	6	759	757	2	462	312	150	1,443	560	883
2	Government Stanley Hospital, Chennai	1938	250	17	14	3	376	361	15	250	131	119	757	298	459
3.	Government Rajaji Hospital, Madurai	1954	250	29	27	2	577	567	10	310	221	89	957	423	534
4	Government Thanjavur Medical College Hospital (MCH), Thanjavur	1959	150	34	18	16	339	336	3	161	89	72	353	164	189
5	Government Kilpauk MCH, Chennai	1960	150	36	29	7	233	222	11	120	78	42	407	119	288
6	Government Chengalpattu MCH, Chengalpattu	1965	100	25	17	8	158	154	4	82	52	30	255	130	125
7	Government Tirunelveli MCH, Tirunelveli	1965	250	27	25	2	399	389	10	211	119	92	457	212	245
8	Government Coimbatore MCH, Coimbatore	1966	200	28	27	1	270	259	11	149	94	55	436	165	271
9	Government MCH, Cuddalore	1985	150	2	1	1	311	311	0	236	236	0	403	403	0
10	Government Mohan Kumaramangalam MCH, Salem	1986	100	19	18	1	350	340	10	210	93	117	490	209	281
11	Government Medical College & Hospital, Perundurai	1992	100	55	42	13	101	101	0	108	59	49	131	74	57
12	K A P Viswanathan Government Medical College, Trichy	1998	150	24	18	6	160	156	4	71	54	17	259	128	131

¹ Does not include faculty members of the Medical College who may also be involved in extending medical services.

Sl. No	Medical College Hospital	Year of starting and Number of MBBS seats sanctioned		Doctors			Nurses			Paramedics			Others		
		Year of starting	Number of MBBS seats	SS	PIP	Vacant	SS	PIP	Vacant	SS	PIP	Vacant	SS	PIP	Vacant
13	Government Thoothukudi MCH, Thoothukudi	2000	150	15	12	3	127	122	5	55	36	19	177	102	75
14	Kanniyakumari Government MCH, Kanniyakumari	2004	150	25	22	3	93	90	3	52	42	10	125	66	59
15	Government Vellore MCH, Vellore	2005	100	39	26	13	165	161	4	54	43	11	224	89	135
16	Government Theni MCH, Theni	2006	100	26	19	7	313	306	7	127	56	71	135	75	60
17	Government Dharmapuri MCH, Dharmapuri	2008	100	24	18	6	289	281	8	144	64	80	318	120	198
18	Government Villupuram MCH, Villupuram	2010	100	40	22	18	303	295	8	134	65	69	367	171	196
19	Government Thiruvarur MCH, Thiruvarur	2010	100	21	8	13	287	265	22	131	53	78	361	141	220
20	Government Sivagangai MCH, Sivagangai	2012	100	13	8	5	304	300	4	144	71	73	308	78	230
21	Government Tiruvannamalai MCH, Tiruvannamalai	2013	100	28	14	14	208	198	10	78	38	40	192	43	149
22	Tamil Nadu Government Multi Super Speciality Hospital, Omandurar Govt. Estate, Chennai	2015	100	98	93	5	162	162	0	61	46	15	29	17	12
23	Government Medical College and ESI Hospital, Coimbatore	2016	100	104	96	8	290	285	5	124	71	53	274	72	202
24	Government MCH (GMCH), Pudukottai	2017	150	38	15	23	292	268	24	106	36	70	282	63	219
25	GMCH, Karur	2019	150	35	20	15	253	225	28	134	53	81	399	61	338
26	GMCH, Ramanathapuram	2021	100	32	26	6	219	198	21	82	37	45	268	58	210
27	GMCH, Tiruppur	2021	100	43	39	4	218	189	29	62	31	31	189	35	154

Sl. No	Medical College Hospital	Year of starting and Number of MBBS seats sanctioned		Doctors			Nurses			Paramedics			Others		
		Year of starting	Number of MBBS seats	SS	PIP	Vacant	SS	PIP	Vacant	SS	PIP	Vacant	SS	PIP	Vacant
28	GMCH, Tiruvallur	2021	100	44	35	9	206	179	27	63	19	44	201	24	177
29	GMCH, Namakkal	2021	100	42	40	2	194	151	43	47	22	25	153	22	131
30	GMCH, Virudhunagar	2021	150	33	27	6	177	177	0	47	24	23	154	30	124
31	GMCH, The Nilgiris	2021	150	33	23	10	192	131	61	67	28	39	250	32	218
32	GMCH, Kallakurichi	2021	150	11	8	3	184	142	42	63	13	50	185	15	170
33	GMCH, Dindugul	2021	150	47	42	5	227	221	6	69	32	37	246	60	186
34	GMCH, Nagapattinam	2021	150	29	18	11	211	164	47	73	32	41	212	44	168
35	GMCH, Ariyalur	2021	150	8	6	2	173	163	10	67	16	51	190	9	181
36	GMCH, Krishnagiri	2021	150	50	47	3	205	175	30	62	23	39	235	39	196
Total			5,050	1,203	943	260	9,325	8,801	524	4,416	2,489	1,927	11,822	4,351	7,471

(Source: Details furnished by DME)

Appendix 2.2

(Reference: Paragraph 2.2; Page 13)

Details of sanctioned strength and persons-in-position of Specialist doctors in the District Headquarters hospitals as of March 2022

Department	SS / PIP	Districts																		Total
		Coimbatore	Cuddalore	Dharmapuri	Erode	Kancheepuram	Kanyakumari	Madurai	Perambalur	Ranipet	Salem	Sivaganga	Tenkasi	Thanjavur	Theni	Thoothukudi	Tiruchirappalli	Tiruvannamalai	Thiruvarur	
Dental	SS	1	2	1	3	1	1	4	2	1	1	1	1	1	1	1	1	1	1	25
	PIP	1	2	1	3	1	1	4	2	1	1	0	1	1	1	1	1	1	0	23
Dermatology & Venereology	SS	1	1	0	2	3	1	1	1	2	1	0	1	2	1	1	1	1	1	21
	PIP	0	1	0	2	3	1	1	3	2	1	0	1	2	1	2	2	1	1	24
ENT	SS	1	3	3	3	2	2	1	3	1	1	0	1	1	1	1	1	1	0	26
	PIP	0	7	3	2	9	2	1	7	1	2	0	1	0	1	2	4	0	0	42
General Medicine	SS	6	11	1	9	9	5	3	7	1	9	2	8	4	7	7	8	1	2	100
	PIP	2	6	1	5	6	5	3	7	1	2	2	2	3	3	4	3	1	0	56
General Surgery	SS	3	5	2	6	5	2	3	4	1	2	5	3	6	3	3	3	2	2	60
	PIP	3	4	2	7	6	2	3	7	0	3	5	5	4	2	5	3	2	2	65
Obstetrics & Gynaecology	SS	5	18	4	9	10	7	15	8	4	4	2	6	7	5	7	4	4	11	130
	PIP	8	9	4	10	11	7	15	6	4	8	2	4	7	5	6	6	4	10	126
Ophthalmology	SS	1	2	0	3	2	2	1	2	4	2	0	2	2	2	2	2	2	2	33
	PIP	2	8	0	5	11	2	1	3	4	3	0	2	2	1	3	4	0	2	53
Orthopaedics	SS	2	3	1	5	5	3	5	3	3	1	1	1	4	1	1	1	3	2	45
	PIP	2	11	1	5	6	3	5	8	3	3	1	7	5	4	4	3	3	2	76
Paediatrics	SS	5	8	3	12	6	3	2	7	3	2	3	5	6	3	5	6	4	2	85
	PIP	7	11	3	15	7	3	2	8	3	3	3	8	7	5	7	2	4	2	100
Psychiatry	SS	2	2	2	4	7	2	2	4	6	3	2	2	2	6	3	2	5	2	58
	PIP	3	4	2	3	6	2	2	3	6	2	2	1	2	5	3	2	5	2	55
Others	SS	8	39	4	46	8	8	1	36	8	9	8	16	10	10	18	10	9	7	255
	PIP	5	31	4	20	8	8	1	15	8	6	7	13	11	9	12	9	9	7	183
TOTAL	SS	35	94	21	102	58	36	38	77	34	35	24	46	45	40	49	39	33	32	838
	PIP	33	94	21	77	74	36	38	69	33	34	22	45	44	37	49	39	30	28	803

(Source: Details furnished by DMRHS)

Appendix 2.3

(Reference: Paragraph 2.2; Page 13)

Sanctioned strength and persons-in-position in the sampled Block PHCs as of March 2022

Sl. No.	Name of the sampled Block PHC	Required as per IPHS norms				Sanctioned strength (SS)				Percentage of shortage in SS as per IPHS				Persons-in-position				Vacancy percentage			
		Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total
1	Chennimalai	11	11	15	37	4	6	3	13	64	45	80	65	4	6	2	12	0	0	33	8
2	Chinnadharapuram	11	11	15	37	8	9	6	23	27	18	60	38	8	6	5	19	0	33	17	17
3	Karapattu	11	11	15	37	5	3	24	32	55	73	-	14	5	3	22	30	0	0	8	6
4	Modakuruchi	11	11	15	37	6	8	9	23	45	27	40	38	6	7	5	18	0	13	44	22
5	Naducauvery	11	11	15	37	8	7	3	18	27	36	80	51	8	7	3	18	0	0	0	0
6	Nammiyampattu	11	11	15	37	7	1	1	9	36	91	93	76	5	1	1	7	29	0	0	22
7	Sivagiri	11	11	15	37	10	9	13	32	9	18	13	14	7	8	3	18	30	11	77	44
8	Thingalur	11	11	15	37	8	6	5	19	27	45	67	49	8	6	4	18	0	0	20	5
9	Vallam	11	11	15	37	8	1	2	11	27	91	87	70	8	1	2	11	0	0	0	0
10	Vettavalam	11	11	15	37	5	2	1	8	55	82	93	78	2	1	1	4	60	50	0	50
Total		110	110	150	370	69	52	67	188	37	53	55	49	61	46	48	155	12	12	28	18

Note: Dr: Doctors; Nr: Nurses; PM: Paramedics.

(Source: Details furnished by the respective Block PHC)

Appendix 2.4

(Reference: Paragraph 2.2; Page 13)

Sanctioned Strength and persons-in-position in all the sampled PHCs as of March 2022

Sl. No.	Name of the sampled Rural / Upgraded / Urban PHC	Required as per IPHS norms				Sanctioned strength (SS)				Percentage of shortage in SS as per IPHS				Persons-in-position				Vacancy percentage			
		Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total
<i>Upgraded PHCs</i>																					
1	Ammapalayam	11	11	15	37	8	9	5	22	27	18	67	41	7	8	5	20	13	11	0	9
2	Jamunamarathur	11	11	15	37	5	4	2	11	55	64	87	70	3	4	2	9	40	0	0	18
3	Kadamalaigundu	11	11	15	37	6	7	5	18	45	36	67	51	5	5	2	12	17	29	60	33
Total (1)		33	33	45	111	19	20	12	51	42	39	73	54	15	17	9	41	21	15	25	20
<i>Rural PHCs</i>																					
1	Chakkarapalli	1	3	5	9	2	3	3	8	-	-	40	11	2	2	2	6	0	33	33	25
2	Kadavur	1	3	5	9	2	4	2	8	-	-	60	11	2	4	2	8	0	0	0	0
3	Kaikalathur	1	3	5	9	2	3	1	6	-	-	80	33	1	1	1	3	50	67	0	50
4	Kurangani	1	3	5	9	2	4	2	8	-	-	60	11	2	4	1	7	0	0	50	13
5	Poondi	1	3	5	9	2	4	0	6	-	-	100	33	2	4	0	6	0	0	0	0
6	Santhavasal	1	3	5	9	2	4	1	7	-	-	80	22	2	4	0	6	0	0	100	14
Total (2)		6	18	30	54	12	22	9	43	-	-	70	20	11	19	6	36	8	14	33	16
<i>Urban PHCs</i>																					
1	Erode	11	11	15	37	1	4	9	14	91	64	40	62	1	4	9	14	0	0	0	0
2	Gobichettipalayam	1	3	5	9	1	4	2	7	-	-	60	22	1	4	2	7	0	0	0	0
3	Karur Town	11	11	15	37	1	4	10	15	91	64	33	59	1	3	10	14	0	25	0	7
4	Kumbakonam (EVRM)	1	3	5	9	1	4	1	6	-	-	80	33	1	1	1	3	0	75	0	50
5	Thanjavur (Kallukulam)	1	3	5	9	1	4	2	7	-	-	60	22	1	4	2	7	0	0	0	0
6	Theni Town	1	3	5	9	1	4	2	7	-	-	60	22	1	4	2	7	0	0	0	0
7	Tiruvannamalai (Central)	1	3	5	9	1	4	0	5	-	-	100	44	1	4	0	5	0	0	-	0
Total (3)		27	37	55	119	7	28	26	61	74	24	53	49	7	24	26	57	0	14	0	7
Grand Total		66	88	130	284	38	70	47	155	42	20	64	45	33	60	41	134	13	14	13	14

Note: Dr: Doctors; Nr: Nurses; PM: Paramedics
(Source: Details furnished by the respective PHCs)

Appendix 2.5

(Reference: Paragraph 2.3.1; Page 14)

Shortage of Manpower as compared to IPHS norms and vacancy percentage in sampled Secondary Care HCFs as of March 2022

Sl No.	Name of the sampled HCF	Bed strength	Required as per IPHS norms				Sanctioned Strength (SS)				Percentage of shortage in SS as per IPHS norms				Persons-in-position				Vacancy percentage as per SS				
			Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	Dr	Nr	PM	Total	
DHQHs:																							
1.	Cheyyar	226	34	90	42	166	66	81	31	178	-	10	26	-	62	70	15	147	6	14	52	17	
2.	Erode	608	68	225	100	393	102	175	314	591	-	22	-	-	78	168	111	357	24	4	65	40	
3.	Kumbakonam	774	68	225	100	393	45	81	39	165	34	64	61	58	44	79	25	148	2	2	36	10	
4.	Perambalur	477	68	225	100	393	77	98	99	274	-	56	1	30	69	92	42	203	10	6	58	26	
5.	Periyakulam	296	50	135	66	251	40	60	33	133	20	56	50	47	36	60	27	123	10	0	18	8	
Total (1)		288	900	408	1,596	330	495	516	1,341	-	45	-	16	289	469	220	978	12	5	57	27		
TKHs:																							
1.	Andipatti	56	23	41	43	107	10	5	4	19	57	88	91	82	9	5	3	17	10	-	25	11	
2.	Bhavani	124	23	41	43	107	15	20	11	46	35	51	74	57	13	20	9	42	13	-	18	9	
3.	Karai	60	23	41	43	107	2	4	5	11	91	90	88	90	2	4	4	10	-	-	20	9	
4.	Manmangalam	60	23	41	43	107	9	5	19	33	61	88	56	69	9	5	11	25	-	-	42	24	
5.	Orathanadu	72	23	41	43	107	5	10	4	19	78	76	91	82	5	10	3	18	-	-	25	5	
6.	Thandarampattu	60	23	41	43	107	6	6	5	17	74	85	88	84	6	6	5	17	-	-	-	-	
Total (2)		138	246	258	642	47	50	48	145	66	80	81	77	44	50	35	129	6	-	27	11		
NTKHs:																							
1.	Chinnamanur	54	23	41	43	107	7	12	6	25	70	71	86	77	7	7	6	20	-	42	-	20	
2.	Kavandapadi	30	-	-	-	-	5	8	2	15	-	-	-	-	5	8	2	15	-	-	-	-	
3.	Thanipadi	42	19	21	28	68	2	10	20	32	89	52	29	53	2	10	8	20	-	-	60	38	
4.	Thirukattupalli	26	-	-	-	-	4	5	9	18	-	-	-	-	3	5	7	15	25	-	22	17	
5.	Velayuthapalayam	62	23	41	43	107	9	8	12	29	61	80	72	73	9	8	8	25	-	-	33	14	
Total (3)		65	103	114	282	27	43	49	119	58	58	57	58	26	38	31	95	4	12	37	20		
Grand Total (1+2+3)		491	1,249	780	2,520	404	588	613	1,605	18	53	21	36	359	557	286	1,202	11	5	53	25		

Note: The IPHS norms for TKHs / NTKHs are applicable to the HCFs having bed strength of 31-100 beds. As the bed strength of NTKH, Kavandapadi and NTKH, Thirukattupalli is 30 and 26 respectively; the IPHS norms are not applicable to these two HCFs.

(Source: Details furnished by the respective secondary care HCFs)

Appendix 2.6

(Reference: Paragraph 2.9; Page 20)

District-wise distribution of Ambulances, EMTs and Pilots

Sl. No.	Name of District	Number of '108' Ambulances	Number of available	
			EMT	Pilot
1	Ariyalur	20	44	44
2	Chengalpattu	70	153	166
3	Chennai	71	131	143
4	Coimbatore	65	135	149
5	Cuddalore	55	116	122
6	Dharmapuri	30	50	50
7	Dindigul	37	53	54
8	Erode	46	103	105
9	Kallakurichi	31	68	69
10	Kanchipuram	35	57	59
11	Kanniyakumari	18	49	51
12	Karur	20	47	47
13	Krishnagiri	36	95	95
14	Madurai	46	100	102
15	Mayiladuthurai	15	49	49
16	Nagapattinam	19	44	45
17	Namakkal	29	44	45
18	Perambalur	19	35	35
19	Pudukkottai	38	82	90
20	Ramanathapuram	30	63	64
21	Ranipet	20	45	45
22	Salem	54	138	140
23	Sivaganga	32	71	73
24	Tenkasi	21	45	46
25	Thanjavur	36	59	59
26	The Nilgiris	42	86	89
27	Theni	27	88	90
28	Thiruvallur	73	144	162
29	Thiruvarur	55	105	108
30	Tiruchirapalli	23	44	46
31	Tirunelveli	26	56	58
32	Tirupathur	45	94	96
33	Tiruppur	22	35	38
34	Tiruvannamalai	25	38	39
35	Tuticorin	31	69	76
36	Vellore	25	74	74
37	Villupuram	40	90	93
38	Virudhunagar	26	59	59
Total		1,353	2,858	2,975

(Source: Details furnished by Project Director, Tamil Nadu Health System Project)

Appendix 2.7

(Reference: Paragraph 2.10; Page 20)

District-wise details of ASHAs posted

Sl. No.	Name of District	Number of ASHAs	
		Sanctioned	In-position
1	Chengalpattu	36	36
2	Coimbatore	62	61
3	Cuddalore	20	20
4	Dharmapuri	123	119
5	Dindigul	158	158
6	Erode	89	88
7	Kallakurichi	255	253
8	Krishnagiri	179	166
9	Mayiladuthurai	2	2
10	Nagapattinam	14	14
11	Nagercoil (Kanyakumari)	36	36
12	Namakkal	47	46
13	Perambalur	42	42
14	Pudukkottai	99	99
15	Ramanathapuram	152	152
16	Ranipet	32	32
17	Salem	111	110
18	Sivaganga	17	17
19	Tenkasi	22	22
20	Thanjavur	21	21
21	The Nilgiris	413	407
22	Theni	7	7
23	Tiruchirapalli	101	100
24	Tirunelveli	134	134
25	Tirupattur	114	114
26	Tiruppur	13	13
27	Tiruvannamalai	219	219
28	Thiruvarur	6	6
29	Tuticorin	66	61
30	Vellore	60	60
Total		2,650	2,615

(Source: Details furnished by NHM-TN)

Appendix 3.1

(Reference: Paragraph 3.1.2; Page 23)

Availability of OPD services in the sampled MCHs as of January 2024

SI No.	Availability of Specialty Services [OPD]	Govt Medical College Hospitals				
		Erode	Karur	Thanjavur	Theni	Tiruvanna- malai
1	ART / STD / ICTC	-	-	A	-	-
2	Arthroscopy	-	-	A	-	-
3	Asthma	-	-	A	-	-
4	Cancer / RT	-	-	A	-	A
5	Cardiology	-	-	A	A	-
6	Day Care OPD	-	A	-	-	-
7	De-addiction	-	-	A	-	-
8	District Early Intervention Centre	-	A	-	-	-
9	Dermatology	A	A	A	A	A
10	Diabetology	-	-	A	A	-
11	Emergency Medicine	A	A	-	-	-
12	ENT	A	A	A	A	A
13	Filarial	-	-	A	-	-
14	General Medicine	A	A	A	A	-
15	General Surgery	A	A	A	A	A
16	Geriatrics	-	A	A	A	A
17	Homoeopathy	-	A	-	-	A
18	Hypertension	-	-	A	-	-
19	Leprosy	-	-	A	-	-
20	Medical Gastro-enterology	-	-	A	-	-
21	NCD	-	A	A	-	-
22	Neurology	-	-	A	A	-
23	Neuro Surgery	-	-	A	A	-
24	Nephrology	-	-	A	A	-
25	Obstetrics & Gynaecology	A	A	-	A	A
26	Occupation Therapy	-	A	-	-	-
27	Oncology Medical	-	A	A	A	-
28	Oncology Surgery	-	-	A	-	-
29	Ophthalmology	A	A	-	A	A
30	Orthopaedics	A	A	A	A	A
31	Paediatric	A	A	-	A	A

Sl No.	Availability of Specialty Services [OPD]	Govt Medical College Hospitals				
		Erode	Karur	Thanjavur	Theni	Tiruvanna- malai
32	Paediatric Surgery	-	-	-	A	-
33	Physical Medicine & rehabilitation	-	-	A	-	A
34	Plastic Surgery	-	A	A	A	-
35	Psychiatry	A	A	A	A	A
36	Pulmonary / Chest Medicine	A	A	A	A	A
37	Radiology	A	-	-	-	-
38	Rheumatology	-	-	A	-	-
39	STD & Venerology	-	-	A	-	-
40	Siddha	-	A	A	-	-
41	Surgical Gastro - enterology	-	-	A	A	-
42	Urology	-	-	A	A	-
43	Vascular Surgery	-	-	A	-	-
44	Yoga & Naturopathy	-	A	A	-	-
45	Dental OPD / Surgery	A	A	-	A	A

A: Available

(Source: Details furnished by the respective MCHs)

Appendix 3.2

(Reference: Paragraph 3.1.3; Page 23)

Availability of Specialist OPD services in the sampled DHQs as of January² 2024

Sl No.	Availability of Specialty Services [OPD]	DHQs				
		Cheyyar	Erode	Kumbakonam	Perambalur	Periyakulam
1	Anti Retroviral Therapy / STD / ICTC ³	-	-	A	-	-
2	AYUSH	-	A	-	-	A
3	Cardiology	-	-	-	-	-
4	Day Care Chemotherapy	-	-	A	-	-
5	Dermatology	-	-	A	-	A
6	ENT	A	A	A	A	A
7	General Medicine	A	A	A	A	A
8	General Surgery	A	A	A	A	A
9	Genetics	-	-	A	-	-
10	Geriatrics	A	-	-	-	A
11	Medication Therapy Management Clinic	-	-	A	-	-
12	NCD ⁴	A	A	-	-	A
13	Nephrology	-	A	-	-	-
14	Neurology	-	A	-	-	-
15	Obstetrics & Gynaecology	A	A	A	A	A
16	Ophthalmology	A	A	A	A	A
17	Oncology	-	A	-	-	-
18	Orthopaedics	A	A	A	A	A
19	Paediatric	A	A	A	A	A
20	Pain & Palliative	-	-	A	A	-
21	Psychiatry	A	A	A	A	A
22	Pulmonary / Chest Medicine	-	A	A	-	-
23	Siddha	A	A	-	-	-
24	Dental OPD / Surgery	A	A	A	A	A

A: Available

(Source; Details furnished by the respective DHQs)

² In DHQH, Erode, the specialty OPDs services in Cardiology, Nephrology, Neurology and Oncology are being provided from 13-03-2024.

³ Integrated Counselling and Testing Centre.

⁴ Non-communicable diseases.

Appendix 3.3

(Reference: Paragraph 3.1.3; Page 23)

Availability of Specialist OPD services in all non-sampled DHQs during 2021-22

Sl. No.	Name of the DHQ hospital and its location	ENT	General Medicine	Paediatrics	General Surgery	Ophthalmology	Dental	Obstetrics & Gynaecology	Psychiatry	Orthopaedics	Dermatology & venereology	Others	Specification of others
1	Coimbatore (Pollachi)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	
2	Cuddalore	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
3	Dharmapuri (Pennagaram)	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	MHA, DMRD, DA & DMRD
4	Kancheepuram	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
5	Kanyakumari (Padhmanabapuram)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
6	Madurai (Usilampatti)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
7	Ranipet (Walajapet)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
8	Salem (Mettur Dam)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
9	Sivaganga (Karaikudi)	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	
10	Tenkasi	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
11	Thoothukudi (Kovilpatti)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	HS-1, RMO -1, RADIOLOGY-1, ANEAS.-3, BLOOD BANK (MO) -1, CARDIOLOGIST-1, MO-1, TRAUMA MO -5, CMO TRAUMA-4,
12	Tiruchirapalli (Manapparai)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ART-1, Hosp. Sudt.-1, MBBS (PP&C)-1, MBBS(BB)-1, Anes-5, Raio-1, Physi-1
13	Thiruvarur (Mannargudi)	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

(Source: Data furnished by the Statistical Wing of DMS)

Appendix 3.4

(Reference: Paragraph 3.1.4; Page 23)

Availability of Specialist OPD services in all sampled Taluk and Non-Taluk Hospitals as of January 2024

Sl No.	Availability of Specialty Services [OPD]	TKHs						NTKHs				
		Andi-patti	Bha-vani	Karai	Manman-galam	Oratha-nadu	Thandaram-pattu	Chinna-manur	Kavinda-padi	Thanipadi	Thirukkat-tupalli	Velayutha-palayam
1.	Anesthesiology	-	-	-	-	A	-	-	-	-	-	-
2.	Dermatology	A	A	-	A	-	-	A	-	-	-	-
3.	ENT	A	A	-	A	-	-	-	A	A	-	A
4.	General Medicine	A	A	-	-	-	A	A	A	A	A	A
5.	General Surgery	-	A	A	A	-	A	-	A	A	A	A (Weekly)
6.	Geriatrics	-	A	-	-	-	A	-	-	-	-	-
7.	NCD	-	-	-	-	-	A	-	-	-	-	-
8.	Obstetrics & Gynaecology	A	A	-	A	-	A	A	A	-	-	A
9.	Ophthalmology	-	A	-	-	-	A	-	-	-	-	-
10.	Orthopaedics	-	A	-	A	A	-	-	-	-	-	A (Weekly)
11.	Paediatric	-	A	-	-	A	-	A	A	-	-	A
12.	Psychiatry	-	A	-	-	-	-	A (Monthly twice)	-	A (Monthly)	A (Monthly)	A (Monthly twice)
13.	Pulmonary / Chest Medicine	-	A	-	-	-	-	-	-	-	-	-
14.	Siddha	A	-	-	-	-	A	-	-	A	-	-
15.	Dental OPD / Surgery	A	A	A	A	-	A	-	A	A	A	A

A: Available

(Source: Details furnished by the respective TKHs and NTKHs)

Appendix 3.5

(Reference: Paragraph 3.1.5; Page 24)

Availability of Specialist OPD services in all sampled Block PHCs as of January 2024

Sl No.	Speciality Services [OPD]	Chenni- malai	Chinna- dhara- puram	Moda- kurichi	Nadu- cauvery	Kara- pattu	Nammiam- pattu	Sivagiri	Thingalur	Vallam	Vettavalam
1	OPD Specialties										
	(a) General Medicine	-	-	A	-	A	-	-	-	-	A
	(b) Ophthalmology	-	-	-	-	A	-	-	-	-	A
	(c) Psychiatric	-	A (Monthly)	-	-	A (Monthly)	-	-	-	-	-
2.	Dental	-	-	A	-	-	-	-	-	-	-
3	Pharmacy	A	A	A	A	A	A	A	A	A	A
4	Emergency Room / Casualty	-	A	-	A	A	A	A	A	A	A
5	Treatment Room ⁵	A	A	A	A	A	A	A	A	A	A
6.	Laboratory services	A	A	A	A	A	A	A	A	A	A
7.	AYUSH	A	A	A	A	A	A	A	A	A	A

A: Available

(Source: Details furnished by the respective Block PHCs)

⁵ Minor OT; Injection & Dressing Room; Observation Room.

Appendix 3.6

(Reference: Paragraph 3.1.6; Page 24)

Availability of Specialist OPD services in all sampled PHCs

Sl No.	Specialty Services [OPD]	UPGRADED PHCs			RURAL PHCs						URBAN PHCs						
		Amma-palayam	Januna-marathur	Kadamalai-gundu	Chakka-rapalli	Kaikala-thur	Kuran-gani	Poo-ndi	Santha-vasal	Kada-vur	Ero-de	Gobi-chetti-palayam	Karur Town	Kumba-konam (EVRM)	Thanja-vur (Kallu-kulam)	Theni Town	TV Malai (Central)
1	OPD Specialties	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) ANC	-	-	-	-	-	-	-	A (Weekly)	-	-	-	-	-	-	-	-
	(b) Gen Medicine	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-
	(c) Geriatric	-	-	-	-	-	-	-	A (Weekly)	-	-	-	-	-	-	-	-
2	24 hrs Emergency services	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
3	Family Welfare services	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
4	Basic Laboratory & Diagnostic Services	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5	AYUSH	A	A	A	-	-	-	-	-	A	-	-	A	-	-	-	-
6	Minor OT / Dressing Room / Injection Room / Emergency	A	A	A	A	A [Except Minor OT]	A	A	A	A	A	A	A	A	A	A	A
7	Pharmacy	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

A: Available

(Source: Details furnished by the respective PHCs)

Appendix 3.7

(Reference: Paragraph 3.1.7; Pages 25 and 26)

Total OPD cases and average number of doctors posted in a year
in sampled HCFs during 2016-22

Sl No.	Name of the sampled HCF (Except MCHs)	Total number of OPD cases	Average number of Doctors posted in a year	Average OPD cases per Doctor per day
			During 2016-22	
DHQHs				
1	Cheyyar	26,59,353	16	77
2	Erode	44,44,953	73	28
3	Kumbakonam	33,85,505	37	41
4	Perambalur	29,97,546	63	22
5	Periyakulam	24,59,064	34	34
TKHs				
6	Andipatti	13,48,502	7	90
7	Bhavani	11,70,278	13	42
8	Karai	4,91,416	2	112
9	Manmangalam	8,28,400	9	42
10	Orathanadu	10,99,849	5	100
11	Thandarampattu	7,84,689	6	65
NTKHs				
12	Chinnamanur	14,59,076	4	154
13	Kavandapadi	6,96,179	4	79
14	Thanipadi	13,20,730	2	329
15	Thirukkattupalli	13,62,656	3	207
16	Velayuthapalayam	10,18,555	9	52
Block PHCs				
17	Chennimalai	4,47,269	4	51
18	Chinnadharapuram	4,88,617	5	45
19	Karapattu	4,32,652	5	44
20	Modakurichi	5,00,389	4	62
21	Naducauvery	4,43,975	3	68
22	Nammiyampattu	4,02,113	2	79
23	Sivagiri	5,27,103	5	48
24	Thingalur	2,59,813	5	25
25	Vallam	4,02,719	5	37
26	Vettavalam	7,44,112	2	170

SI No.	Name of the sampled HCF (Except MCHs)	Total number of OPD cases	Average number of Doctors posted in a year	Average OPD cases per Doctor per day
			During 2016-22	
Upgraded PHCs				
27	Ammapalayam	3,83,458	5	36
28	Jamunamarathur	7,86,802	12	30
29	Kadamalaigundu	2,07,395	4	22
Rural PHCs				
30	Chakkarapalli	2,35,700	2	54
31	Kadavur	3,81,084	2	87
32	Kaikalathur	1,82,116	1	100
33	Kurangani	72,259	1	33
34	Poondi	2,75,411	2	63
35	Santhavasal	79,148	2	108
Urban PHCs				
36	Erode (Gandhiji Road)	2,90,777	1	133
37	Gobichettipalayam	2,20,750	1	101
38	Karur Town	3,90,195	1	178
39	Kumbakonam (EVRM)	2,20,670	1	101
40	Thanjavur (Kallukulam)	2,63,837	1	120
41	Theni Town	2,59,885	1	119
42	Tiruvannamalai (Central)	5,11,200	1	233

(Source: Details furnished by the respective sampled HCFs)

Appendix 3.8

(Reference: Paragraph 3.1.8 (a); Page 27)

Average daily patient load per Registration Counter during 2021-22

Sl No.	Name of the sampled HCF (Except MCHs)	Number of Registration counters	Number of OPD patients during 2021-22	Avg daily patient load per Registration counter
DHQHs				
1	Cheygar	2	5,16,262	707
2	Erode	4	5,74,045	393
3	Kumbakonam	3	5,75,534	526
4	Perambalur	3	4,19,092	383
5	Periyakulam	2	3,22,390	442
TKHs				
6	Andipatti	1	2,06,647	566
7	Bhavani	1	1,23,562	339
8	Karai	1	57,433	157
9	Manmangalam	1	1,57,600	432
10	Orathanadu	2	1,67,551	230
11	Thandarampattu	1	1,40,537	385
NTKHs				
12	Chinnamanur	1	2,02,452	555
13	Kavandapadi	2	99,768	137
14	Thanipadi	1	2,27,950	625
15	Thirukkattupalli	2	1,55,381	213
16	Velayuthapalayam	1	1,71,134	469
Block PHCs				
17	Chennimalai	2	65,157	89
18	Chinnadharapuram	2	82,605	113
19	Karapattu	1	71,364	196
20	Modakurichi	2	1,13,475	155
21	Naducauvery	1	51,016	140
22	Nammiyampattu	1	66,931	183
23	Sivagiri	1	93,532	256
24	Thingalur	1	38,030	104
25	Vallam	2	44,085	60
26	Vettavalam	1	1,22,487	336

Sl No.	Name of the sampled HCF (Except MCHs)	Number of Registration counters	Number of OPD patients during 2021-22	Avg daily patient load per Registration counter
Upgraded PHCs				
27	Ammapalayam	2	59,224	81
28	Jamunamarathur	2	1,08,113	148
29	Kadamalaigundu	1	48,469	133
Rural PHCs				
30	Chakkarapalli	1	44,567	122
31	Kadavur	2	63,422	87
32	Kaikalathur	1	43,118	118
33	Kurangani	1	12,778	35
34	Poondi	1	40,531	111
35	Santhavasal	1	79,148	217
Urban PHCs				
36	Erode (Gandhiji Road)	1	56,855	156
37	Gobichettipalayam	1	44,000	121
38	Karur Town	1	66,738	183
39	Kumbakonam (EVRM)	1	37,165	102
40	Thanjavur (Kallukulam)	1	53,587	147
41	Theni Town	1	49,675	136
42	Tiruvannamalai (Central)	2	1,04,400	143

(Source: Details furnished by the sampled HCFs)

Appendix 3.9

(Reference: Paragraph 3.2.3; Page 30)

Availability of Wards and number of Beds in sampled DHQs

Sl No.	Name of Ward	Number of beds available				
		Cheyyar	Erode	Kumbakonam	Perambalur	Periyakulam
1.	Burn	-	8	10	-	-
2.	Dialysis	5	-	-	-	-
3.	District Mental Health Programme	10	-	-	-	-
4.	Emergency / Trauma	20	16	73	24	10
5.	Infectious Disease	-	15	12	25	-
6.	Malaria	-	17	8	-	-
7.	Maternity	44	111	202	60	46
8.	Medical - Male	32	80	54	26	15
9.	Medical - Female	32	86	48	25	20
10.	Ophthalmology	10	27	24	10	32
11.	Orthopaedic	10	42	63	16	12
12.	Paediatric	12	60	22	24	12
13.	Post-operative	6	62	84	14	42
14.	Surgical - Male	10	60	54	45	15
15.	Surgical - Female	10	65	48	25	12
16.	Private wards (if any) - CMCHIS	-	30	-	-	24

(Source: Details furnished by the respective DHQs)

Appendix 3.10

(Reference: Paragraph 3.2.6; Page 32)

Availability of Wards and number of Beds in sampled TKHs and NTKHs

Sl No.	Type of Wards	Number of beds available										
		TKHs						NTKHs				
		Andi-patti	Bhavani	Karai ⁶	Manman-galam	Orathanadu	Thandaram-pattu	Chinna-manur	Kavanda-padi	Thanipadi	Thirukkattupalli	Velayuthapalayam
1.	Burn	6	-	-	-	-	2	-	-	-	-	-
2.	Emergency / Trauma	4	4	-	6	5	2	4	-	2	-	6
3.	Infectious Disease	-	4	-	6	6	-	-	-	-	-	-
4.	Maternity	8	24	5	6	22	16	8	-	5	6	6
5.	Medical - Male	12	10	15	12	10	10	24	8	12	8	16
6.	Medical - Female	12	10	15	12	20	10	12	8	9	8	16
7.	New Born	-	8	-	-	-	-	-	-	-	-	-
8.	Paediatric	6	8	6	6	12	5	6	5	2	-	12
9.	Post-operative	4	20	2	6	6	13	-	3	7	-	6
10.	Surgical - Male	2	10	-	-	-	-	-	3	-	-	-
11.	Surgical - Female	2	6	-	-	-	-	-	3	-	-	-
12.	Private wards (if any) - CMCHIS	-	-	-	6	-	-	-	-	-	-	-

(Source: Details furnished by the respective TKHs and NTKHs)

⁶ In TKH, Karai, the Pediatric and Post-operative wards have no beds but has only 6 mattresses and 2 mattresses respectively.

Appendix 3.11

(Reference: Paragraph 3.2.7; Page 32)

Availability of Beds, Labour services and Operation Theatres in sampled PHCs

Sl No.	Name of sampled PHC			Number of Beds	Availability of	
	District	Type of PHC	Location		Labour Room	OT (for Vasectomy & Tubectomy)
1	Erode	BPHC	Chennimalai	30	A	Y
2		BPHC	Modakurichi	30	A	Y
3		BPHC	Sivagiri	30	A	Y
4		BPHC	Thingalur	30	A	Y
5		Urban PHC	Erode (Gandhiji Road)	10	A	Y
6		Urban PHC	Gobichettipalayam	6	A	N
7	Karur	BPHC	Chinnadharapuram	30	A	Y
8		APHC	Kadavur	6	A	N
9		Urban PHC	Karur Town	14	A	N
10	Perambalur	UPHC	Ammapalayam	30	A	Y (Only Tubectomy)
11		PHC	Kaikalathur	6 ⁷	N	N
12	Thanjavur	BPHC	Naducauvery	30 ⁸	A	Y
13		BPHC	Vallam	30	A	Y
14		PHC	Chakkarapalli	6	A	N
15		PHC	Poondi	3	A	N
16		Urban	Kumbakonam (EVRM)	6	A	N
17		Urban	Thanjavur (Kallukulam)	6	A	N
18	Theni	UPHC	Kadamalaigundu	30	A	Y
19		PHC	Kurangani	6 ⁹	A	N
20		Urban	Bommayagoundanpatti	6	A	N
21	Tiruvannamalai	BPHC	Karapattu	30	A	Y
22		BPHC	Nammiyampattu	30	A	A (Not functioning)
23		BPHC	Vettavalam	30	A	Y
24		UPHC	Jamunamarathur	30	A	Y
25		PHC	Sandavasal	6	A	N
26		Urban	TV Malai (Central)	6	A	N

A: Available; Y: Yes; N: No

(Source: Details furnished by the respective PHCs)

⁷ Only two beds are in use due to insufficient space.

⁸ Only 23 beds are available and the remaining seven are damaged.

⁹ Only four beds are available.

Appendix 3.12

(Reference: Paragraph 3.2.8; Page 32)

Availability of Isolation Wards and number of beds
in sampled Secondary Care Hospitals

Sl No.	Name of the sampled Secondary care Hospital	Number of Beds available		
		Positive Isolation Ward	Negative Isolation Ward	Total
DHQHs				
1	Cheyyar	5	-	5
2	Erode	-	-	46
3	Kumbakonam	32	40	72
4	Perambalur	10	15	25
5	Periyakulam	Not available		
TKHs				
6	Andipatti	3	3	6
7	Bhavani	Not available		
8	Karai	-	1	1
9	Manmangalam	Not available		
10	Orathanadu	Not available		
11	Thandarampattu	-	2	2
NTKHs				
12	Chinnamanur	Not available		
13	Kavandapadi	Not available		
14	Thanipadi	-	5	5
15	Thirukkattupalli	Not available		
16	Velayuthapalayam	Not available		

(Source: Details furnished by the respective HCFs)

Appendix 3.13

(Reference: Paragraph 3.2.9; Page 33)

Average number of surgeries per surgeon in the sampled Secondary care Hospitals

Sl No.	Sampled HCF	ENT		General Surgery ¹⁰		Obstetrics and Gynecology ¹¹		Ophthalmology		Orthopedics		Dental	
		Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon
1	DHQH, Cheyyar												
	2016-17	-	-	1	191	-	-	1	930	2	75	1	2,338
	2017-18	1	77	1	22	-	-	1	849	1	74	1	1,182
	2018-19	-	-	1	41	-	-	1	981	1	98	1	282
	2019-20	1	7	1	125	-	-	1	1,225	3	42	1	542
	2020-21	-	-	2	66	-	-	1	173	3	60	1	1,420
	2021-22	-	-	2	141	-	-	1	79	3	85	1	257
2	DHQH, Erode												
	2016-17	-	-	7	223	-	-	-	-	-	-	-	-
	2017-18	-	-	8	200	-	-	-	-	-	-	-	-
	2018-19	-	-	8	100	-	-	-	-	-	-	-	-
	2019-20	-	-	9	88	-	-	-	-	-	-	-	-
	2020-21	-	-	9	189	-	-	-	-	-	-	-	-
	2021-22	-	-	8	316	-	-	-	-	-	-	-	-
3	DHQH, Kumbakonam												
	2016-17	1	76	3	200	-	-	2	630	2	106	2	1,443
	2017-18	1	523	7	1,456	-	-	3	433	4	306	2	1,280
	2018-19	1	1065	6	1,423	-	-	3	370	3	677	2	1,406
	2019-20	1	1428	7	1,059	-	-	2	339	3	831	1	70
	2020-21	1	382	6	313	-	-	1	86	4	348	1	365
	2021-22	1	486	6	434	-	-	2	74	5	382	1	458

¹⁰ Includes Minor surgeries, Elective surgeries, Emergency surgeries, Benign / Malignant diseases and burns.

¹¹ Both Emergency and Elective surgeries.

Sl No.	Sampled HCF	ENT		General Surgery		Obstetrics and Gynecology		Ophthalmology		Orthopedics		Dental	
		Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon
4	DHQH, Perambalur												
	2016-17	3	89	6	432	5	225	2	432	6	69	1	33
	2017-18	3	90	7	315	5	734	2	273	6	65	1	847
	2018-19	4	49	7	314	2	741	2	419	7	57	1	34
	2019-20	4	36	10	188	7	448	2	330	9	37	1	29
	2020-21	5	3	8	120	4	752	3	0	7	13	1	0
	2021-22	5	38	8	207	4	661	4	404	7	66	2	89
5	DHQH, Periyakulam												
	2016-17	-	-	1	36	-	-	1	182	2	2	1	593
	2017-18	1	144	1	258	-	-	-	-	2	16	1	358
	2018-19	0	0	1	237	-	-	1	2	2	83	1	345
	2019-20	1	23	2	118	-	-	1	115	2	63	1	463
	2020-21	-	-	5	17	-	-	2	0	4	9	1	138
	2021-22	2	4	3	51	-	-	2	12	3	27	1	242
6	TKH, Andipatti												
	2016-17	-	-	2	1,200	-	-	-	-	-	-	1	229
	2017-18	-	-	2	891	-	-	-	-	-	-	1	38
	2018-19	-	-	3	375	-	-	-	-	-	-	0	0
	2019-20	-	-	3	292	-	-	-	-	-	-	0	0
	2020-21	-	-	3	343	-	-	-	-	-	-	1	194
	2021-22	1	111	3	614	-	-	-	-	-	-	1	79
7	TKH, Bhavani												
	2016-17	1	28	4	101	5	60	-	-	1	37	2	426
	2017-18	1	8	2	246	3	98	-	-	1	49	1	3
	2018-19	-	-	2	149	4	69	-	-	2	45	1	1
	2019-20	-	-	1	178	3	94	-	-	3	103	2	4
	2020-21	-	-	3	5	4	75	-	-	1	317	2	124
	2021-22	-	-	1	24	4	38	-	-	1	65	1	111

Sl No.	Sampled HCF	ENT		General Surgery		Obstetrics and Gynecology		Ophthalmology		Orthopedics		Dental	
		Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon
8	TKH, Manmangalam												
	2016-17	1	0	-	-	2	69	-	-	-	-	-	-
	2017-18	1	0	-	-	2	48	-	-	-	-	-	-
	2018-19	1	0	-	-	3	73	-	-	-	-	-	-
	2019-20	1	0	-	-	3	74	-	-	-	-	-	-
	2020-21	1	0	-	-	3	111	-	-	-	-	-	-
	2021-22	1	0	-	-	3	65	-	-	-	-	1	648
9	TKH, Orathanadu												
	2016-17	-	-	-	-	-	-	-	-	1	321	1	402
	2017-18	-	-	-	-	-	-	-	-	1	245	1	340
	2018-19	-	-	-	-	-	-	-	-	1	218	1	240
	2019-20	-	-	-	-	-	-	-	-	1	226	1	393
	2020-21	-	-	-	-	-	-	-	-	1	233	1	619
	2021-22	-	-	-	-	-	-	-	-	1	240	1	402
10	TKH, Thandampattu												
	2016-17	-	-	1	158	-	-	-	-	-	-	-	-
	2017-18	-	-	1	267	-	-	-	-	-	-	-	-
	2018-19	-	-	1	269	-	-	-	-	-	-	-	-
	2019-20	-	-	1	350	-	-	-	-	-	-	1	306
	2020-21	-	-	1	352	-	-	-	-	-	-	1	534
	2021-22	-	-	1	296	-	-	-	-	-	-	1	432
11	NTKH, Chinnamanaur												
	2016-17	-	-	-	-	-	-	-	-	-	-	1	3,378
	2017-18	-	-	-	-	-	-	-	-	-	-	1	2,582
	2018-19	-	-	-	-	-	-	-	-	-	-	1	5,246
	2019-20	-	-	-	-	-	-	-	-	-	-	1	4,136
	2020-21	-	-	1	3,140	-	-	-	-	-	-	1	1,731
	2021-22	-	-	1	3,825	-	-	-	-	-	-	1	1,212

Sl No.	Sampled HCF	ENT		General Surgery		Obstetrics and Gynecology		Ophthalmological		Orthopedics		Dental	
		Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon	Surgeons	Surgeries per surgeon
12	NTKH, Kavandapadi												
	2016-17	1	15	-	-	-	-	-	-	-	-	-	-
	2017-18	1	23	-	-	-	-	-	-	-	-	-	-
	2018-19	1	23	-	-	-	-	-	-	-	-	10	0
	2019-20	1	22	-	-	-	-	-	-	-	-	16	0
	2020-21	1	5	-	-	-	-	-	-	-	-	-	-
	2021-22	1	15	-	-	-	-	-	-	-	-	7	0
13	NTKH, Thanipadi												
	2016-17	-	-	-	-	-	-	-	-	-	-	1	279
	2017-18	-	-	-	-	-	-	-	-	-	-	1	360
	2018-19	-	-	-	-	-	-	-	-	-	-	1	48
	2019-20	-	-	-	-	-	-	-	-	-	-	1	150
	2020-21	-	-	-	-	-	-	-	-	-	-	1	367
	2021-22	-	-	-	-	-	-	-	-	-	-	1	626
14	NTKH, Thirukkattupalli												
	2016-17	1	53	-	-	-	-	-	-	-	-	-	-
	2017-18	1	6	-	-	-	-	-	-	-	-	-	-
	2018-19	1	3	-	-	-	-	1	5	-	-	-	-
	2019-20	1	79	-	-	-	-	1	0	-	-	-	-
	2020-21	1	144	-	-	-	-	1	0	-	-	-	-
	2021-22	1	102	-	-	-	-	1	50	-	-	1	11
15	NTKH, Velayutha-palayam												
	2016-17	2	4	-	-	-	-	-	-	1	0	1	0
	2017-18	2	3	-	-	-	-	-	-	1	14	1	340
	2018-19	1	13	-	-	-	-	-	-	2	7	1	360
	2019-20	1	19	-	-	-	-	-	-	1	22	1	418
	2020-21	1	28	1	125	-	-	-	-	1	28	1	410
	2021-22	1	36	1	51	-	-	1	0	1	31	1	446

(Source: Details furnished by the respective HCFs)

Appendix 3.14

(Reference: Paragraph 3.2.10; Page 33)

Outcome indicators of IP services in sampled Secondary and Tertiary care Hospitals

Sl No.	Name of the sampled Hospital	Average rates for the period 2016-22						
		BOR ¹²	BTR ¹³	DR ¹⁴	ROR ¹⁵	ALOS ¹⁶	LAMA ¹⁷	AR ¹⁸
GMCHs								
1	Erode	72	41	99	2	5	9	1
2	Karur	82	68	98	3	5	6	1
3	Thanjavur	85	59	95	0	6	1	13
4	Theni	97	876	98	82	7	36	30
5	Tiruvannamalai	156	2	97	2	3	2	15
DHQHs								
6	Cheyyar	73	95	93	6	3	1	0
7	Erode	76	5	97	4	4	11	5
8	Kumbakonam	80	4	98	5	4	1	4
9	Perambalur	87	87	97	2	4	1	1
10	Periyakulam	61	211	98	0	5	12	0
TKHs								
11	Andipatti	85	60	55	10	6	2	1
12	Bhavani	61	72	88	10	7	1	6
13	Karai	31	4	92	0	1	0	0
14	Manmangalam	78	52	92	8	7	1	1
15	Orathanadu	88	260	90	0	5	0	0
16	Thandampattu	50	301	70	25	5	1	4
NTKHs								
17	Chinnamanur	0	0	76	15	5	0	8
18	Kavandapadi	66	50	96	0	7	0	0
19	Thanipadi	28	82	80	16	5	2	2
20	Thirukkattupalli	81	10	66	26	5	0	0
21	Velayuthapalayam	93	2	86	13	4	0	1

(Source: Details furnished by the respective HCFs)

¹² Bed Occupancy Rate: Total Patient Bed Days ÷ (Functional Beds in Hospital × Calendar Days in month) × 100
Bed Patient days- Sum of daily patient census for whole month.

¹³ Bed Turnover Rate: Inpatient discharge including deaths in the month ÷ Functional Bed on Ground.

¹⁴ Discharge rate.

¹⁵ Referral out rate.

¹⁶ Average Length of stay: Total Patient Bed Days in the month (excluding Newborn) ÷ Discharges in the month (including Death, LAMA, absconding).

¹⁷ Left against medical advice: Total No. of LAMA cases × 1000 ÷ Total No. of Admissions.

¹⁸ Absconding rate.

Appendix 3.15

(Reference: Paragraph 3.3.1; Page 33)

Availability of Accident and Emergency services in sampled Secondary Care Hospitals

Sl No.	Availability of Accident & Emergency Services	DHQHs					TKHs						NTKHs				
		Chey-yar	Erode	Kumbakonam	Perambalur	Periyakulam	Andipatti	Bhavani	Karai	Manmangalam	Orathanadu	Thandarampattu	Chinnamanur	Kavandapadi	Thani-padi	Thirukkattupalli	Velayuthapalayam
1	24 x 7 operational emergency with dedicated Emergency room with adequate man power.	A	A	A	A	A	N	A	A	N	A	N	N	N	A	N	A
2	Distinct entry independent of OPD main entry.	A	A	A	A	A	A	A	N	A	A	A	A	A	A	A	A
3	Easy ambulance approach with adequate space for free passage of vehicles and covered area for alighting patients.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
4	Signage of emergency at the entry of the hospital with directional signage at key points.	A	A	A	A	A	A	A	N	A	A	A	A	A	A	N	A
5	Emergency shall have dedicated triage, resuscitation and observation area.	A	A	A	A	A	A	A	N	A	A	A	A	N	A	A	A
6	Screens for privacy	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
7	Separate provision for examination of rape / sexual assault victim.	A	A	A	A	A	A	A	A	N	A	A	A	A	A	A	A
8	Does 'Emergency Block' have mobile X-ray / laboratory, side labs / plaster room / and minor OT facilities.	A	A	A	A	A	N	A	N	N	A	N	N	N	N	N	N

Sl No.	Availability of Accident & Emergency Services	DHQHS					TKHS						NTKHS				
		Chey-yar	Erode	Kumba-konam	Peram-balur	Periya-kulam	Andi-patti	Bha-vani	Karai	Manman-galam	Oratha-nadu	Thanda-ram-pattu	Chinna-manur	Kavanda-padi	Thani-padi	Thiru-kkattu-palli	Velayutha-palayam
9	Provision of separate emergency beds.	A	A	A	A	A	A	A	N	N	A	A	A	N	A	A	A
10	Duty rooms for Doctors / nurses / paramedical staff and medico legal cases.	A	A	A	A	A	A	A	N	A	A	A	A	N	A	A	A
11	Sufficient separate waiting areas and public amenities for patients and relatives.	A	A	A	A	A	N	A	A	A	A	A	A	A	A	A	A
12	Does Emergency block have:																
	(a) ECG	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	(b) Pulse Oxymeter	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	(c) Cardiac Monitor with Defibrillator,	A	A	A	A	A	N	A	N	N	A	N	N	N	A	N	A
	(d) Multiparameter Monitor,	A	A	A	A	A	A	A	A	A	A	A	A	N	A	N	A
	(e) Ventilator	A	A	A	A	A	N	A	N	A	A	A	N	N	N	N	A
13	Stretcher, wheelchair and trolley shall be available at the entrance of the emergency at designated area	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

A: Available; N: Not available

(Source: Details furnished by the sampled HCFs)

Appendix 3.16

(Reference: Paragraph 3.3.2; Page 34)

Care of Routine and Emergency cases in Surgery and Medicine in sampled Block PHCs

Sl No.	Care of routine & Emergency cases	Sampled Block PHC									
		Chenni-malai	Chinna-dhara-puram	Kara-pattu	Moda-kurichi	Nadu-cauvery	Nammi-yam-pattu	Siva-giri	Thingalur	Val-lam	Vetta-valam
Surgery											
1	Includes dressings, incision and drainage, and surgery for Hernia, Hydrocele, Appendicitis, Haemorrhoids, Fistula, and stitching of injuries.	N	A	N	A	N	N	A	N	N	N
2	Handling of emergencies like Intestinal Obstruction, Haemorrhage, etc	N	N	N	N	N	N	N	N	N	N
3	Other management including nasal packing, tracheostomy, foreign body removal etc.	N	A	N	N	N	N	A ¹⁹	N	N	N
4	Fracture reduction and putting splints / plaster cast	A	A [FA] ²⁰	N	N	N	N	N	N	N	N
Medical											
5	Dengue Haemorrhagic Fever	N	A [FA]	A [FA]	N	N	N	N	N	N	A
6	Cerebral Malaria	N	N	N	N	N	N	N	N	N	N
7	Dog & snake bite cases	A	A	A	A	A	A	A	A	A	A
8	Poisonings	N	A	A	A [FA]	A	A	A	A	N	A
9	Congestive Heart Failure	N	A [FA]	A [FA]	N	N	N	N	N	N	N
10	Left Ventricular Failure	N	N	N	N	N	N	N	N	N	N
11	Pneumonias	N	A [FA]	N	N	N	N	N	A	N	N

¹⁹ Tracheostomy not done.²⁰ A [FA] indicates that only First Aid is given and the patient is referred to the next higher HCF.

Sl No.	Care of routine & Emergency cases	Sampled Block PHC									
		Chenni-malai	Chinna-dhara-puram	Kara-pattu	Moda-kurichi	Nadu-cauvery	Nammi-yam-pattu	Siva-giri	Thingalur	Val-lam	Vetta-valam
12	Meningoencephalitis	N	N	N	N	N	N	N	N	N	N
13	Acute respiratory conditions	N	A	A	A	A	A	A	A	N	A
14	Status epilepticus	N	A [FA]	A	A	N	N	A	A	N	A
15	Burns	N	A [FA]	A	A	N	A	A	A	N	A [FA]
16	Shock	N	A [FA]	A	A	N	N	A	A	N	A
17	Acute dehydration	N	A	A	A	A	A	A	A	N	A
18	National Health Programmes	N	A	A	A	A	A	A	A	N	A

A: Available; N: Not available

(Source: Details furnished by the respective Block PHCs)

Appendix 3.17

(Reference: Paragraph 3.4.2.1; Pages 42 and 43)

Availability of Ventilators, Oxygen Concentrators and Drugs in sampled HCFs

Sl No.	Name of sampled HCF	Ventilators				O2 Concentrators	Availability of Covid Drugs	Remarks
		PM Cares	Other sources	Total	Unserviceable			
MCHs								
1	Erode	54	67	121	0	333	NO	
2	Karur	20	121	141	7	221	YES	Repair under progress
3	Thanjavur	58	174	232	0	449	YES	
4	Theni	40	66	106	0	116	NO	
5	TV Malai	20	88	108	0	157	YES	
Total (1)		192	516	708	7	1,276		
DHQHs								
1	Cheyyar	30	10	40	0	42	YES	
2	Erode	25	27	52	0	237	NO	
3	Kumbakonam	11	27	38	0	42	NO	
4	Perambalur	5	45	50	0	90	NO	
5	Periyakulam	0	13	13	0	40	NO	
Total (2)		71	122	193	0	451		
TKHs								
1	Andipatti	0	0	0	0	18	NO	
2	Bhavani	3	3	6		104	NO	
3	Karai	0	0	0	0	7	NO	
4	Manmangalam	3	0	3		4	NO	
5	Orathanadu	0	0	0	0	16	YES	
6	Thandarampattu	0	4	4	3	24	NO	
Total (3)		6	7	13	3	173		
NTKHs								
1	Chinnamanur	0	0	0	0	24	YES	
2	Kavandapadi	0	0	0	0	23	YES	
3	Thanipadi	0	1	1		6	NO	
4	Thirukkattupalli	0	0	0	0	4	NO	
5	Velayuthapalayam	0	4	4		34	YES	Remdesivir N/A
Total (4)		0	5	5	0	91		
GRAND TOTAL		269	650	919	10	1,991		

(Source: Details furnished by the respective HCFs)

Appendix 3.18

(Reference: Paragraph 3.5.6.1; Page 48)

Still Birth Rates²¹ and Conduct of Death reviews in sampled HCFs during the period 2016-22

Sl No.	Name of sampled HCF	Still Births & Still Birth Rate during 2016-22		Number of Death Reviews conducted during 2016-22	
		Total	SBR	Maternal	Neonatal
MCHs					
1	Erode	3	1.07	3	29
2	Karur	5	0.25	18	267
3	Thanjavur	1,594	18.55	72	72
4	Theni	580	13.17	68	68
5	Tiruvannamalai	70	1.20	40	72
DHQHs					
1	Cheyyar	6	0.66	1	19
2	Erode	216	11.14	16	410
3	Kumbakonam	19	0.73	16	217
4	Perambalur	28	0.99	7	228
5	Periyakulam	2	0.23	0	4
TKHs					
1	Thandarampattu	1	1.42	0	0
NTKHs					
1	Chinnamanur	5	10.10	0	0
2	Thanipadi	15	11.20	0	1
Block PHCs					
1	Chennimalai	1	4.65	0	0
2	Karapattu	21	7.77	0	27
3	Modakurichi	1	2.11	0	0
4	Nammiyampattu	16	10.45	0	0
5	Vettavalam	3	5.62	0	0
Upgraded PHCs					
1	Ammapalayam	8	8.31	0	14
2	Jamunamarathur	23	7.34	0	0
Rural PHCs					
1	Chakkarapalli	6	16.71	0	6
2	Poondi	1	3.91	0	0
Urban PHCs					
1	Gobichettipalayam	9	2.54	1	17
2	Tiruvannamalai (Central)	10	2.58	5	32

(Source: Details furnished by the respective sampled HCFs)

²¹ The sampled HCFs, where no still birth occurred during 2016-22, has not been included in this Appendix.

Appendix 3.19

(Reference: Paragraph 3.6; Page 49)

Availability of mandatory pathological services in all DHQs

Sl. No.	Name of the DHQ hospital and its location	Clinical Pathology (29)	Pathology (08)	Microbiology (07)	Serology (07)	Biochemistry (21)
1	Coimbatore (Pollachi)	1	0	1	1	1
2	Cuddalore	20	14	10	7	15
3	Dharmapuri (Pennagaram)	8	8	8	2	7
4	Erode	10	14	15	6	29
5	Kancheepuram	20	0	6	8	17
6	Kanyakumari (Padhmanabapuram)	20	0	2	9	29
7	Madurai (Usilampatti)	3	0	9	15	12
8	Perambalur	25	3	15	12	28
9	Ranipet (Walajapet)	9	15	8	6	16
10	Salem (Mettur Dam)	7	7	18	5	17
11	Sivaganga (Karaikudi)	14	14	7	9	25
12	Tenkasi	25	1	5	6	23
13	Thanjavur (Kumbakonam)	25	0	20	8	25
14	Theni (Periakulam)	20	0	6	10	30
15	Thoothukudi (Kovilpatti)	25	0	5	6	20
16	Tiruchirapalli (Manapparai)	10	1	15	6	36
17	Tiruvannamalai (Cheyyar)	17	8	16	5	9
18	Thiruvarur (Mannargudi)	15	1	1	3	12

(Source: Details furnished by DMS)

Appendix 3.20

(Reference: Paragraph 3.6; Page 50)

Shortfall in pathology services in sampled hospitals / PHC

District Headquarters Hospitals (5 hospitals)						
Types of Pathology Services (Number of tests prescribed)	Hospitals without shortfall	Hospital with Shortfall (<i>per cent</i>)				
		1 to 25 <i>per cent</i>	26 to 50 <i>per cent</i>	51 to 75 <i>per cent</i>	76 to 99 <i>per cent</i>	100 <i>per cent</i>
Clinical pathology (29)	0	0	1	1	2	1
Pathology (08)	1	0	1	1	0	2
Microbiology (07)	2	0	0	0	1	2
Serology (07)	1	1	2	0	1	0
Biochemistry (21)	1	0	1	3	0	0
Sub-District (Taluk and Non-Taluk) Hospitals (11 hospitals)						
Clinical pathology (24)	0	0	1	3	6	1
Pathology (01)	6	0	0	0	0	5
Microbiology (04)	0	1	3	5	0	2
Serology (04)	7	1	2	1	0	0
Biochemistry (06)	4	5	2	0	0	0
Primary Health Centres (16 PHC)						
Clinical pathology (18)	0	0	1	6	6	3
Pathology (01)	9	0	0	0	0	7
Microbiology (02)	5	0	6	0	0	5
Serology (03)	14	0	0	0	0	2
Biochemistry (05)	2	7	5	0	0	2
Urban Primary Health Centres (07 Urban PHC) *						
Clinical pathology (18)	0	0	0	1	6	0
Pathology (01)	1	0	0	0	0	6
Microbiology (02)	0	0	7	0	0	0
Serology (03)	1	0	6	0	0	0
Biochemistry (05)	0	1	6	0	0	0

* Table applicable for CHCs/Block PHCs is adopted.

Appendix 3.21

(Reference: Paragraph 3.7.4; Page 53)

Availability of Patient Safety amenities in sampled DHQs, TKHs and NTKHs

Sl No.	Name of sampled HCF	Availability of Patient Safety Amenities													IC & IA	Type of FF Eqpt.	
		Infection Control						Power Supply		Water Supply	Drainage & Sanitation	Fire-fighting Eqpt	A M C	Gr. / Com Red Mech			
		Hand Washing facilities	Inf. Cont Team	SOP	Safe Inj	Safe Blood Transfusion	B M W	24 h	Gen BU								
DISTRICT HQRS HOSPITALS																	
1.	Cheyyar	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Fire Extinguisher
2.	Erode	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Fire Extinguisher
3.	Kumbakonam	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	ABC
4.	Perambalur	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
5.	Periyakulam	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
TALUK HOSPITALS																	
6.	Andipatti	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
7.	Bhavani	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	ABC, CO2, K
8.	Karai	A	A	A	A	A	A	N	A	A	A	A	A	N	A	A	
9.	Manmagalam	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
10.	Orathanadu	A	A	A	A	N	A	A	A	A	A	A	A	A	A	A	
11.	Thandampattu	A	A	A	A	A	A	N	A	A	A	A	A	N	A	A	ABC
NON-TALUK HOSPITALS																	
12.	Chinnamanur	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
13.	Kavindapadi	A	A	A	A	A	A	A	A	A	A	A	A	N	A	A	ABC
14.	Thanipadi	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	ABC
15.	Thirukkattupalli	A	A	A	A	N	A	A	A	A	A	A	A	N	A	A	
16.	Velayuthapalayam	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

A: Available; N: Not available

Appendix 4.1

(Reference: Paragraph 4.1; Page 56)

Availability of Drugs, Lab reagents, Consumables and disposables in sampled DHQs as of January 2024

Sl No.	Drugs, Lab Reagents, Consumables and Disposables						
	Category	Numbers required	Availability in sampled DHQs				
			Chey-yar	Erode	Kumba-konam	Peram-balur	Periya-kulam
1.	Analgesics / Antipyretics / Anti Inflammatory	11	11	11	7	10	5
2.	Antibiotics & Chemotherapeutics	76	38	42	30	38	21
3.	Anti Diarrhoeal	6	4	4	2	6	5
4.	Dressing Material / Antiseptic Ointment lotion	24	19	15	13	24	10
5.	Infusion fluids	14	11	12	10	10	10
6.	Eye and ENT	25	19	4	2	16	3
7.	Antihistaminics / anti-allergic	12	12	11	9	12	8
8.	Drugs acting on Digestive system	20	15	5	10	15	5
9.	Drugs related to Hoemopoetic system	4	2	1	3	4	5
10.	Drugs acting on Cardiac vascular system	26	24	17	15	20	17
11.	Drugs acting on Central / peripheral Nervous system	40	23	1	23	36	30
12.	Drugs acting on Respiratory system	16	11	7	7	16	11
13.	Skin Ointment/Lotion etc.	23	16	10	5	23	15
14.	Drugs acting on Urogenital system	5	3	1	5	5	5
15.	Drugs used in Obstetrics and Gynecology	35	32	10	10	35	24
16.	Hormonal Preparation	14	5	3	6	9	8
17.	Vitamins	24	17	6	9	24	10
18.	Other Drugs & Material & Miscellaneous items	83	75	62	34	43	27
Essential Medicines and Supplies for Special Newborn Care Unit							
19.	Emergency Life Saving Drugs	12	12	11	9	12	12
20.	Other Essential Medicines and Supplies for SNCU	23	23	3	12	23	14
Total		493	372	236	221	381	245
Percentage available			75	48	45	77	49

(Source: Details furnished by the respective DHQs.)

Appendix 4.2

(Reference: Paragraph 4.1; Page 56)

Availability of Drugs, other consumables and disposables in sampled TKHs / NTKHs

Sl No	Category	Numbers required ²²	Availability of Drugs, other Consumables and Disposables in sampled TKHs / NTKHs										
			TKHs					NTKHs					
			Andi-patti	Bhavani	Karai	Manman-galam	Oratha-nadu	Thandaram-pattu	Chinna-manur	Kavanda-padi	Thani-padi	Thiru-kattupalli	Velayutha-palayam
1.	Analgesics / Antipyretics / Anti Inflammatory	8	9	12	6	10	6	6	6	6	6	6	5
2.	Antibiotics & Chemotherapeutics	71	12	29	18	14	14	14	16	29	21	19	12
3.	Anti Diarrhoeal	5	2	3	1	2	1	2	1	1	1	1	3
4.	Dressing Material / Antiseptic Ointment / lotion	24	11	15	14	10	18	9	8	12	9	11	9
5.	Infusion fluids	14	6	11	7	7	7	10	7	9	9	8	8
6.	Eye and ENT	23	2	3	2	1	2	2	1	3	1	2	6
7.	Antihistaminics / anti-allergic	10	9	14	4	8	5	4	5	4	7	3	4
8.	Drugs acting on Digestive system	20	10	5	9	5	7	7	10	11	11	7	5
9.	Drugs related to Hoemopoetic system	4	0	0	3	8	1	1	1	2	2	2	2
10.	Drugs acting on Cardiac vascular system	26	15	16	9	4	15	11	14	14	15	13	13
11.	Drugs acting on Central / peripheral Nervous system	40	3	1	12	5	15	7	12	19	16	14	7
12.	Drugs acting on Respiratory system	15	6	6	6	6	4	5	5	7	7	3	7

²² As per IPHS Guidelines for Sub-District / Sub-Divisional Hospitals, 2012.

Sl No	Category	Numbers required	Availability of Drugs, other Consumables and Disposables in sampled TKHs / NTKHs										
			TKHs					NTKHs					
			Andi-patti	Bhavani	Karai	Manman-galam	Oratha-nadu	Thandaram-pattu	Chinna-manur	Kavantha-padi	Thani-padi	Thiru-kattu-palli	Velayutha-palayam
13.	Skin Ointment / Lotion etc.	18	5	12	3	4	2	2	3	6	3	3	8
14.	Drugs acting on Urogenital system	5	0	0	5	4	1	2	3	3	4	3	1
15.	Drugs acting on Uterus and Female Genital Tracts	14	0	3	2	3	4	6	1	6	2	2	9
16.	Hormonal Preparation	14	7	4	7	5	6	6	7	6	6	6	4
17.	Vitamins	21	7	12	7	8	6	8	7	5	10	7	6
18.	Other Drugs & Material & Miscellaneous items	73	42	51	22	5	22	23	35	35	65	4	38
19.	Drug Kit for Sick Newborn & Child Care – FRU / CHC	19	1	8	12	0	17	16	12	0	2	12	11
Total		424	147	205	149	109	153	141	154	178	197	126	158
Percentage available			35	48	35	26	36	33	36	42	46	30	37

(Source: Details furnished by the respective TKHs / NTKHs)

Appendix 4.3

(Reference: Paragraph 4.3; Page 57)

Availability of Equipment in the sampled DHQs as of January 2024

Sl No.	Name of the Equipment	Number of Types required [IPHS 2012]		Bed strength of DHQs & Availability of Eqpt.				
		201-300 bedded	301-500 bedded	Chey-yar	Erode	Kumbakonam	Perambalur	Periyakulam
				226	608	774	477	296
1	Imaging equipment	11	12	8	8	8	9	6
2	X-Ray Room Accessories	8	8	8	3	7	8	20
3	Cardiopulmonary Equipment	16	16	13	15	13	12	2
4	Labour ward, Neo Natal and Special Newborn Care Unit (SNCU) Equipment	28	28	26	150	23	25	23
	Equipment for Eclampsia Room (for 300-500 Bedded Hospital)	-	14	0	10	0	12	0
Equipment List for Special Newborn Care Unit (SNCU)								
	A. General equipment for SNCU	12	12	11	17	10	12	12
	B. Equipment for disinfection of SNCU	13	13	10	13	4	13	13
	C. Equipment for individual patient care in the SNCU	17	17	15	133	12	17	17
5	Immunization Equipment	16	16	12	3	0	16	4
6	Ear Nose Throat Equipment	23	23	21	10	14	15	15
7	Eye Equipment	27	27	24	32	27	17	14
8	Dental Equipment	17	17	17	3	8	10	58
9	Operation Theatre Equipment	23	22	21	22	6	20	20
10	Laboratory Equipment	54	62	48	31	25	62	11
11	Surgical Equipment Sets	53	53	49	42	0	53	61
12	PMR Equipment	30	30	24	0	0	23	18
13	Endoscopy Equipment	7	8	1	2	4	7	1
14	Anaesthesia Equipment	16	15	12	25	12	12	16
15	Post Mortem Equipment	8	8	8	2	0	7	2
16	Radiotherapy	10	10	10	0	0	8	8
Total		389	411	338	521	173	358	321
Percentage of availability				87	127	42	87	83

Appendix 4.4

(Reference: Paragraph 4.3; Page 57)

Availability of Equipment in the sampled TKHs and NTKHs as of January 2024

Sl No.	Name of the Eqpt.	Number of Types req (IPHS 2012)		Bed strength of TKHs / NTKHs & Availability of Eqpt.								
				TKHs						NTKHs ²³		
				31-50 bedded	51-100 bedded	Andi-patti	Bha-vani	Karai	Manman-galam	Oratha-nadu	Thandaram-pattu	Chinna-manur
		56	124	36	60	72	60	54	42	62		
1	Imaging equipment	3	8	0	2	2	3	1	2	2	2	1
2	X-Ray Room Accessories	6	6	1	33	3	30	3	6	6	6	1
3	Cardiopulmonary Equipment	9	12	2	13	10	22	8	8	6	8	0
4	Labour ward & Neo Natal Equipment	19	20	3	32	8	21	13	15	12	9	2
5	Immunization Equipment	16	16	0	2	2	4	10	10	18	11	1
6	Ear Nose Throat Equipment	22	17	0	0	1	4	4	0	0	3	3
7	Eye Equipment	24	10	0	4	1	0	0	0	0	0	0
8	Dental Equipment	4	4	1	5	3	6	4	1	4	2	4
9	Operation Theatre Equipment	18	17	2	15	11	12	9	7	10	2	7

²³ The IPHS norms for Sub-District / Sub-Divisional Hospitals are for hospitals having a bed strength between 31 and 100. As the bed strength of NTKHs at Kavandapadi and Thirukkattupalli are only 30 and 26 respectively, the details of Equipment in these two NTKHs have not been included in the Appendix.

Sl No.	Name of the Eqpt	Number of Types req [IPHS 2012]		Bed strength of TKHs / NTKHs & Availability of Eqpt								
				TKHs						NTKHs		
				31-50 bedded	51-100 bedded	Andi-patti	Bha-vani	Karai	Manman-galam	Oratha-nadu	Thandaram-pattu	Chinna-manur
		56	124	36	60	72	60	54	42	62		
10	Laboratory Equipment	28	32	1	14	20	15	20	10	12	12	8
11	Surgical Equipment Sets	31	47	5	40	18	15	23	10	21	8	6
12	PMR Equipment	2	3	1	0	3	0	2	3	0	0	0
13	Endoscopy Equipment	1	3	0	0	0	0	1	0	0	0	1
14	Anaesthesia Equipment	15	15	2	2	14	12	14	6	13	6	3
15	Post Mortem Equipment	10	10	1	10	0	0	10	0	6	3	0
TOTAL		208	220	19	172	96	144	122	78	110	72	37
Percentage of availability				<i>9</i>	<i>78</i>	<i>46</i>	<i>65</i>	<i>55</i>	<i>35</i>	<i>50</i>	<i>35</i>	<i>17</i>

Appendix 4.5

(Reference: Paragraph 4.6.3; Page 62)

Non-blacklisting of Suppliers

Sl. No.	Tender No.	Supplier Code	Supplier Name	Drug Code	Name of the Drug	Number of times the drug failed QC
1	-	U0559	Bochem Healthcare Pvt Ltd	252	Tab Diclofenac Sodium IP 50 mg	4
2	T15007	U0213	Mediclone Biotech Pvt Ltd	208	Anti-DRH Blood Grouping Serum IP 10 ml	4
3	T15007	U0266	SM Pharmaceuticals Pvt Ltd	221	Cough Syrup	5
4	T15007	U0500	Beryl Drugs Ltd	562	Inj Sodium Chloride IP 500 ml	7
5	T15007	U0708	Nirmal Industries and Co	456	Black Disinfectant Fluid (Phenyl)	6
6	T15007	U0745	Mecca Industries	R020	IV set (Adult) with airway and needle	6
7	T17010	U0181	Haseeb Pharmaceuticals Pvt Ltd	562	Inj Sodium Chloride IP 500 ml	11
8	T17010	U0393	Himalaya Meditek Pvt Ltd	351	Inj Paracetamol 150 mg / ml	5
9	T17010	U0811	Gnosis Pharmaceuticals Pvt Ltd	182	Tab Sodium Valporate Gastro resistant IP 200 mg	6
10	T17010	U0831	Ornate Labs Pvt Ltd	479	Albendazole Suspension IP 400 mg / 10 ml	3
11	T19050	U0218	Modern Laboratories	495	Inj Diclofenac Sodium IP 25 mg / ml	3
12	T19050	U0537	Shanti Surgical (P) Ltd	R142	Absorbent Cotton Wool IP 500 gms	3
13	T19050	U0824	Healers Lab	589	Tab Glimipride 1 mg	5
14	T19050	U0830	Relief Biotech Pvt Ltd	50	Cap Amoxicillin IP 250 mg	3

(Source: Analysis of DDMS database)

Appendix 4.6

(Reference: Paragraph 4.7.1; Page 64)

Non-functioning of equipment in OT in sampled hospitals

Hospital	Name of equipment	Name of the OT	Date from which not functioning	GoTN's remarks (August 2022)
GMCH, Tiruvannamalai	Out of four, Two C-Arms were not functioning	Ortho OT	NA	One is recommended for condemnation and the other which is under AMC is being rectified.
	Two Boyle's apparatus were not in working condition	Ortho OT	NA	Recommended for condemnation (JPI - January 2024).
	Three OT Tables in damaged condition	Ortho OT	NA	Recommended for condemnation.
	Three Suction apparatus under repair	Ortho OT	NA	
DHQH, Erode	One Boyle's apparatus was under repair	OT	NA	Equipment is out of warranty. Work order is being issued for maintenance after warranty.
TKH, Bhavani	Out of two, one OT Table was not functioning	OT	NA	Recommended for condemnation.
NTKH, Chinnamanur	Autoclave	OT	NA	
BPHC, Thingalur	Out of two Autoclave machines, one was not functioning	OT	NA	Work order is being issued.
BPHC, Vettavalam	One Boyle's apparatus was not functioning	OT	NA	

Appendix 4.7

(Reference: Paragraph 4.8.3; Page 66)

Test-checked hospitals not obtained licences from AERB

District	Hospitals	PHCs
Erode	MCH, Erode (for CT scan and X-ray Machine) DHQ hospital, Erode (for CT scan) Taluk hospital, Bhavani Non-Taluk hospital, Kavandapadi	UPHC, Thingalur UPHC, Modakuruchi UPHC, Sivagiri UPHC, Chennimalai
Karur	-	UPHC, Chinnadharapuram
Theni	MCH (for Mammogram) Taluk hospital, Andipatti Non-Taluk hospital, Chinnamanur	UPHC, Kadamalaigundu
Perambalur	Taluk hospital, Karai ²⁴	UPHC, Ammapalayam
Tiruvannamalai	MCH, Tiruvannamalai (for CT scan and X ray machine) Taluk hospital, Thandampattu NTH, Thanipadi	UPHC, Vettavalam UPHC, Karapattu UPHC, Jamunamarathur UPHC, Nammiyampattu

²⁴ As of January 2024, the X-ray machine has been recommended for condemnation. A mobile X-ray machine is being used in its place.

Appendix 4.8

(Reference: Paragraph 4.8.4; Page 67)

(a) Non-functioning of ECG machines in sampled hospitals/PHCs

District	Name of the hospital/ PHC	Date of installation of ECG machine	Date from which not functioning	Number of cases referred to other hospitals
Theni	NTKH, Chinnamnur (1)	NA	NA	NA
Tiruvannamalai	MCH, Tiruvannamalai* (5)	NA	NA	NA
	DHQH, Cheyyar (1)	NA	NA	Existing ECG machines were used and no cases referred out
Thanjavur	PHC, Poondi	NA	24-04-2019	NA
Tiruvannamalai	UPHC, Vettavalam	March 2016	March 2020	158
Urban PHC				
Erode	Gobichettyalayam	2018-19	NA	237
Thanjavur	Kumbakonam ²⁵	NA	NA	265

* Out of eight ECG machines in TAEI Ward (Emergency Ward) with 30 beds, five were not functioning.

(b) USG machines not functioning in sampled hospitals/PHCs

District	Name of the hospital/PHC	Date of installation of USG machine	Date from which not functioning	Number of cases referred to other hospitals
Erode	GMCH, Erode TKH, Bhavani	NA	NA	NA
Theni	GMCH, Theni ²⁶	NA	20-09-2021	Nil
Perambalur	DHQH, Perambalur	NA	11-08-2020	As the other machine is used, no patients were referred out.
Karur	NTKH, Velayuthapalayam ²⁷	NA	NA	NA
	APHC, Kadavur ²⁸	NA	04-11-2020	1,649
Thanjavur	PHC, Poondi	NA	NA	NA
Tiruvannamalai	BPHC, Karapattu	June 2008	--	NA
Theni	Urban PHC-II, B.K. Patti	NA	NA	2,090

²⁵ During JPI (January 2024), it was verified that the ECG machine is now available in working condition.

²⁶ During JPI (January 2024), it was ascertained that the USG machine is under proposal for condemnation.

²⁷ During JPI (January 2024), the Chief Medical Officer stated that the USG machine is to be condemned and there is a need for a new USG machine with colour doppler.

²⁸ During JPI (January 2024), it was verified that unserviceable USG machine was condemned (March 2022) and a new USG machine was installed in February 2023.

Appendix 5.1

(Reference: Paragraph 5.1.1; Page 69)

District-wise requirement and availability of PHCs as per prescribed IPHS norms

Sl. No.	District	Population (As per 2011 census)			Number of PHCs								
		Rural	Urban	Total	Req. as per IPHS Norms			Actual			Surplus / Shortfall		
					Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	Ariyalur	6,71,100	83,794	7,54,894	22	2	24	37	2	39	15	0	15
2	Chennai	0	46,46,732	46,46,732	0	93	93	0	140	140	0	47	47
3	Coimbatore	8,39,105	26,18,940	34,58,045	28	52	80	53	36	89	25	-16	9
4	Cuddalore	17,20,725	8,85,189	26,05,914	57	18	75	64	7	71	7	-11	-4
5	Dharmapuri	12,45,931	2,60,912	15,06,843	42	5	47	50	1	51	8	-4	4
6	Dindigul	13,51,735	8,08,040	21,59,775	45	16	61	66	7	73	21	-9	12
7	Erode	10,93,768	11,57,976	22,51,744	36	23	59	63	13	76	27	-10	17
8	Kancheepuram	14,59,916	25,38,336	39,98,252	49	51	100	60	17	77	11	-34	-23
9	Kanniyakumari	3,30,572	15,39,802	18,70,374	11	31	42	39	8	47	28	-23	5
10	Karur	6,29,976	4,34,517	10,64,493	21	9	30	32	5	37	11	-4	7
11	Krishnagiri	14,51,446	4,28,363	18,79,809	48	9	57	56	5	61	8	-4	4
12	Madurai	11,91,451	18,46,801	30,38,252	40	37	77	54	34	88	14	-3	11
13	Nagapattinam	12,51,826	3,64,624	16,16,450	42	7	49	53	5	58	11	-2	9
14	Namakkal	10,30,476	6,96,125	17,26,601	34	14	48	55	8	63	21	-6	15
15	Perambalur	4,68,060	97,163	5,65,223	16	2	18	28	1	29	12	-1	11
16	Pudukottai	13,01,991	3,16,354	16,18,345	43	6	49	73	3	76	30	-3	27
17	Ramanathapuram	9,42,746	4,10,699	13,53,445	31	8	39	54	5	59	23	-3	20
18	Salem	17,07,934	17,74,122	34,82,056	57	35	92	87	20	107	30	-15	15
19	Sivagangai	9,26,256	4,12,845	13,39,101	31	8	39	48	4	52	17	-4	13
20	Thanjavur	15,54,531	8,51,359	24,05,890	52	17	69	69	8	77	17	-9	8
21	The Nilgiris	2,99,739	4,35,655	7,35,394	10	9	19	33	4	37	23	-5	18
22	Theni	5,75,418	6,70,481	12,45,899	19	13	32	35	6	41	16	-7	9
23	Thoothukudi	8,73,374	8,76,802	17,50,176	29	18	47	50	10	60	21	-8	13
24	Tiruchirappalli	13,84,257	13,38,033	27,22,290	46	27	73	64	20	84	18	-7	11
25	Tirunelveli	15,57,004	15,20,229	30,77,233	52	30	82	88	16	104	36	-14	22
26	Tiruppur	9,57,941	15,21,111	24,79,052	32	30	62	46	21	67	14	-9	5
27	Tiruvallur	12,99,709	24,28,395	37,28,104	43	49	92	57	11	68	14	-38	-24
28	Tiruvannamalai	19,69,930	4,94,945	24,64,875	66	10	76	93	6	99	27	-4	23
29	Thiruvarur	10,06,482	2,57,795	12,64,277	34	5	39	46	4	50	12	-1	11
30	Vellore	22,34,344	17,01,987	39,36,331	74	34	108	97	22	119	23	-12	10
31	Villupuram	29,39,785	5,19,088	34,58,873	98	10	108	106	4	110	8	-6	2
32	Virudhunagar	9,62,062	9,80,226	19,42,288	32	20	52	51	7	58	19	-13	6
Total		3,72,29,590	3,49,17,440	7,21,47,030	1,240	698	1,938	1,807	460	2,267	567	-238	328

(Source: Details furnished by DMS)

Appendix 5.2

(Reference: Paragraphs 5.2.1 and 5.2.1.2; Pages 72 and 74)

Details of ISMH Centres run out of State Budget funds, NHM Scheme and AYUSH Scheme

	Siddha	Ayurveda	Unani	Homoeopathy	Yoga and Naturopathy	Total
ISM & Homoeopathy Centres run by State Budget						
Colleges	2	1	1	1	2	7
Major Hospital	2	2	1	1	2	8
Medical College Hospitals	15	4	2	9	24	54
Coimbatore Medical College and ESI Hospital	1	1	1	1	1	5
Multi Super Specialty Hospital (Omandurar)	0	0	0	0	1	1
DHQ hospitals	31	4	3	20	30	88
Taluk hospitals	191	2	0	9	31	233
Non-Taluk hospitals	58	2	4	0	0	64
PHCs	406	24	14	5	2	451
Regular Dispensary	13	6	0	5	1	25
Tribal Dispensary	7	0	0	0	0	7
Mobile Dispensary	1	0	0	0	0	1
Rural Dispensary	45	3	0	0	0	48
Total (A)	772	49	26	51	94	992
NHM Scheme						
NHM at Taluk Hospital	4	0	1	0	0	5
ISM Wings at PHC	271	52	39	57	20	439
Yoga and Naturopathy Maternity Clinic (GPHC)	0	0	0	0	29	29
Yoga and Naturopathy Maternity Clinic (Taluk Hospital)	0	0	0	0	2	2
Total (B)	275	52	40	57	51	475
AYUSH Scheme						
Hospital under DME	0	0	0	0	2	2
Taluk hospitals	4	0	0	1	30	35
Non-Taluk hospitals	2	0	1	0	0	3
PHCs	26	3	0	1	0	30
Tribal (Mobile Unit)	2	0	0	0	0	2
Regular Dispensary	0	0	0	0	2	2
Total (C)	34	3	1	2	34	74
Grand Total (A+B+C)	1,081	104	67	110	179	1,541

(Source: Policy Note 2023-24)

Appendix 5.3

(Reference: Paragraphs 5.2.1.1 and 5.2.1.2; Page 73)

Details of Government ISM Colleges and bed strength of its attached Hospitals as of March 2023

Sl. No.	Name of the Government ISM College	Bed strength of the attached Hospital
1.	Government Siddha Medical College and Hospital, Palayamkottai, Tirunelveli District.	350
2.	Government Siddha Medical College, Arignar Anna Government Hospital of Indian Medicine (AAGHIM) Campus, Arumbakkam, Chennai.	310
3.	Government Homoeopathy Medical College and Hospital, Tirumangalam, Madurai District.	50
4.	Government Unani Medical College, AAGHIM Campus, Arumbakkam, Chennai.	-
5.	Government Yoga and Naturopathy Medical College and Hospital, AAGHIM Campus, Arumbakkam, Chennai.	100
6.	Government Ayurveda Medical College and Hospital, Kottar, Nagercoil, Kanyakumari District.	100
7.	International Institute of Yoga and Naturopathy Medical Science, Chengalpattu.	300
Total bed strength of attached hospitals to Government ISM Colleges		1,210

(Source: Policy Note 2023-24)

Appendix 5.4

(Reference: Paragraph 5.4.1; Page 78)

Authorised Bed strength and Beds available in sampled HCFs (as on January 2024)

Sl No.	Sampled HCF	Authorised Bed strength	Beds Available	Excess / Deficient
GOVERNMENT MEDICAL COLLEGE HOSPITALS				
1	Erode	510	1,080	570
2	Karur	700	1,200	500
3	Thanjavur	1,466	1,478	12
4	Theni	876	1,126	250
5	Tiruvannamalai	740	1,003	263
DISTRICT HEADQUARTERS HOSPITALS				
6	Cheyyar	226	226	0
7	Erode	608	608	0
8	Kumbakonam	774	774	0
9	Perambalur	477	650	173
10	Periyakulam	296	296	0
TALUK HOSPITALS				
11	Andipatti	56	56	0
12	Bhavani	124	124	0
13	Karai	60	36	-24
14	Manmangalam	60	60	0
15	Orathanadu	72	72	0
16	Thandampattu	60	60	0
NON-TALUK HOSPITALS				
17	Chinnamanur	54	54	0
18	Kavandapadi	30	30	0
19	Thanipadi	42	42	0
20	Thirukkattupalli	26	26	0
21	Velayuthapalayam	62	62	0

Sl No.	Sampled HCF	Authorised Bed strength	Beds Available	Excess / Deficient
RURAL PHCs				
BLOCK PHCs				
22	Chennimalai	30	30	0
23	Chinnadharapuram	30	30	0
24	Karapattu	30	30	0
25	Modakurichi	30	30	0
26	Naducauvery	30	23	-7
27	Nammiyampattu	30	30	0
28	Sivagiri	30	30	0
29	Thingalur	30	30	0
30	Vallam	30	30	0
31	Vettavalam	30	30	0
UPGRADED PHCs				
32	Ammapalayam	30	30	0
33	Jamunamarathur	30	30	0
34	Kadamalaigundu	30	30	0
35	Chakkarapalli	6	6	0
36	Kaikalathur	6	6 ²⁹	0
37	Kurangani	6	4	-2
38	Poondi	3	3	0
39	Sandavasal	6	6	0
ADDITIONAL PHCs				
40	Kadavur	6	6	0
URBAN PHCs				
41	Erode (Gandhiji Road)	10	10	0
42	Gobichettipalayam	6	6	0
43	Karur Town [Azad Road]	14	14	0
44	Kumbakonam (EVRM)	6	6	0
45	Thanjavur (Kallukulam)	6	6	0
46	Theni (Bommayagoundanpatti)	6	6	0
47	Tiruvannamalai (Central)	6	6	0

(Source: Details furnished by respective HCFs)

²⁹ Only two beds are being used due to insufficient space.

Appendix 5.5

(Reference: Paragraph 5.4.2; Page 79)

Availability of beds in all DHQs during 2016-22

Sl. No.	Name of DHQH	Bed strength					
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Ariyalur	132	212	212	212	432	#
2	Coimbatore	170	314	314	314	350	352
3	Cuddalore	588	588	750	750	588	750
4	Dharmapuri	116	116	152	152	116	152
5	Dindigul	377	645	645	645	645	#
6	Erode	608	608	700	700	608	725
7	Kallakurichi	@	@	@	@	304	#
8	Kancheepuram	543	543	672	672	672	672
9	Kanyakumari	108	154	154	154	174	174
10	Krishnagiri	277	277	422	422	422	#
11	Madurai	135	135	185	185	185	185
12	Nagapattinam	445	445	545	545	545	#
13	Namakkal	313	313	468	468	468	#
14	Perambalur	266	266	477	477	477	477
15	Ramanathapuram	510	684	613	613	613	#
16	Ranipet	@	@	@	@	300	330
17	Salem	264	264	300	300	300	325
18	Sivaganga	222	222	222	222	222	222
19	Tenkasi	@	@	@	@	256	557
20	Thanjavur	502	526	526	526	526	774
21	The Nilgiris	421	421	421	421	421	#
22	Theni	296	296	296	296	296	296
23	Thoothukudi	251	251	413	413	251	413
24	Tiruchirapalli	150	150	210	210	210	210
25	Tirunelveli	256	256	337	337	#	#
26	Tiruppur	516	726	726	726	877	#
27	Tiruvallur	254	129	370	370	500	#
28	Tiruvannamalai	126	126	226	226	226	226
29	Thiruvarur	198	198	354	354	354	354
30	Vellore	84	300	300	300	#	#
31	Villupuram	124	304	304	304	#	#
32	Virudhunagar	372	452	462	462	468	#
Total		8,624	9,921	11,776	11,776	11,806	7,194

Note: # Upgraded as MCHs; @ Upgraded as DHQs only during 2020-21.

Appendix 6.1

(Reference: Paragraph 6.2; Page 89)

Budget allocation for health and expenditure in the sampled Districts during 2016-22

(₹ in crore)

Sl No.	Sampled Districts	2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
		Budget	Expend-iture	Budget	Expend-iture	Budget	Expend-iture	Budget	Expend-iture	Budget	Expend-iture	Budget	Expend-iture
1.	Erode	99.96	95.94	107.11	109.51	119.12	120.6	138.87	137.62	191.70	205.25	167.62	162.02
2.	Karur	56.18	44.24	43.46	44.83	61.80	59.94	61.45	60.02	75.09	66.72	92.51	65.52
3.	Perambalur	41.73	41.18	47.47	40.24	44.65	47.69	50.22	46.44	58.18	68.40	55.83	43.46
4.	Thanjavur	143.98	144.73	137.98	97.11	128.35	116.39	132.65	145.19	145.89	141.54	144.41	133.53
5.	Theni	77.97	74.93	82.55	79.40	85.71	75.01	92.90	89.52	95.04	93.86	98.94	97.76
6.	Tiruvanna-malai	117.25	103.19	128.13	132.12	150.53	153.23	164.63	163.24	133.14	170.04	169.73	180.66
Total		537.07	504.21	546.70	503.21	590.20	572.86	640.72	642.03	699.04	745.81	729.04	682.95

(Source: Compiled from details furnished by Deans of MCHs, JDMS and DDHS of sampled districts)

Appendix 7.1

(Reference: Paragraph 7.1; Page 93)

Activities carried out under National Health Mission

Sl. No.	Name of the Activity	Sl. No.	Name of the Activity
1	<i>Janani Suraksha Yojana</i>	21	Accredited Social Health Activists (ASHAs)
2	<i>Janani Sishu Suraksha Karyakram (JSSK)</i>	22	Prevention and Control of Hemoglobinopathies
3	LaQshya	23	Mobile Medical Units
4	Hiring of Specialists for MCH Care	24	Occupational Health Services for Unorganized Sector Workers
5	<i>Anaemia Mukh Bharat Scheme</i>	25	National Oral Health Programme
6	Gestational Diabetes Mellitus Control Programme	26	Pradhan Mantri National Dialysis Programme
7	Blood Bank and Blood Storage Services	27	Special Outreach Camp
8	Feeding and Dietary Charges	28	Emergency COVID 19 Response and Health System Preparedness Package (ECRP)
9	Management of Pregnant mothers during COVID 19		
10	<i>Surakshit Matritva Aashwasan (SUMAN)</i>		
11	Maternal Mortality Ratio		
12	Child Health (IMR)		
13	Sick Newborn Care Units (SNCU)		
14	Newborn Stabilization Units (NBSU)		
15	Newborn Care Corners (NBCC)		
16	<i>Rashtriya Bal Swasthya Karyakram</i>		
17	District Early Intervention Centre		
18	Weekly Iron and Folic Acid Supplementation (WIFS)		
19	<i>Rashtriya Kishore Swasthya Karyakram (RKSK)</i>		
20	BEmONC Training (Basic Emergency Management of Obstetric & Neonatal Care)		

Appendix 7.2

(Reference: Paragraph 7.7.2; Page 100)

Availability of Psychiatric specialty services and annual average patient strength in the Psychiatric OPD

Sl No.	Name of the sampled HCF	Availability of Psychiatric Specialty services	Whether Psychiatrist posted?	Availability of Psychiatric drugs	Average annual patient strength in Psychiatric OPD during 2016-22
1.	MCH, Erode	A	A	A	8,700
2.	MCH, Karur	A	A	A	16,000
3.	MCH, Thanjavur	A	A	A	48,554
4.	MCH, Theni	A	A	A	20,248
5.	MCH, Tiruvannamalai	A	A	A	13,376
6.	DHQH, Cheyyar	A	A	A	11,206
7.	DHQH, Erode	A	A	A	34,589
8.	DHQH, Kumbakonam	A	A	A	20,160
9.	DHQH, Perambalur	A	A	A	700
10.	DHQH, Periyakulam	A	A	A	26,927
11.	TKH, Andipatti	N	N	N	NIL
12.	TKH, Bhavani	A (Weekly)	N	A	2,697
13.	TKH, Karai	A	N	A	148
14.	TKH, Manmangalam	N	N	N	NIL
15.	TKH, Orathanadu	A	N (On deputation)	A	256
16.	TKH, Thandampattu	N	N	A	NIL
17.	NTKH, Chinnamanur	A	N (Visiting from Periyakulam)	A	6,937
18.	NTKH, Kavandapadi	A (Twice a month)	N	A	960
19.	NTKH, Thanipadi	A	N	A	NIL
20.	NTKH, Thirukkattupalli	A (Monthly)	N	A	20,160
21.	NTKH, Velayuthalayam	A	N	A	1,090

A: Available; N: Not available

(Source: Details furnished by the respective HCFs)

Appendix 7.3

(Reference: Paragraph 7.7.3; Page 100)

Availability of NMHP services in sampled Block PHCs and other PHCs

Sl No.	Name of the sampled Block PHC / PHC / Urban PHC	Availability ³⁰ of				
		Early identification, diagnosis & treatment of Common Mental disorders	Conduct of IEC activities ³¹	Follow up ³²	Trained Medical Officers ³³	Psychiatric drugs
1.	BPHC, Chennimalai	A	A	A	A	A
2.	BPHC, Chinnadharapuram	A	A	A	A	A
3.	BPHC, Karapattu	A	NA	A	A	A
4.	BPHC, Modakurichi	A	A	A	NA	A
5.	BPHC, Naducauvery	A	A	A	A	A
6.	BPHC, Nammiyampattu	NA	NA	NA	NA	NA
7.	BPHC, Sivagiri	A	A	A	A	A
8.	BPHC, Thingalur	A	A	A	A	A
9.	BPHC, Vallam	A	A	A	A	A
10.	BPHC, Vettavalam	NA	NA	A	NA	A
11.	UPHC, Ammapalayam	A	A	A	A	A
12.	UPHC, Jamunamarathur	A	A	A	A	A
13.	UPHC, Kadamalaigundu	NA	A	A	A	A
14.	PHC, Chakkarapalli	A	NA	NA	NA	NA
15.	PHC, Kaikalathur	A	A	A	A	A
16.	PHC, Kurangani	A	NA	A	NA	NA
17.	PHC, Poondi	NA	NA	NA	NA	NA
18.	PHC, Sandavasal	A	A	A	A	A
19.	APHC, Kadavur	NA	NA	NA	NA	NA
20.	Urban PHC, Erode (Gandhiji Road)	A	NA	A	NA	A
21.	Urban PHC, Gobichettipalayam	A	A	NA	A	A
22.	Urban PHC, Karur Town (Azad Road)	A	A	A	A	A
23.	Urban PHC, Kumbakonam (EVRM)	NA	NA	NA	NA	NA
24.	Urban PHC, Thanjavur (Kallukulam)	A	A	NA	A	A
25.	Urban PHC, Theni (Bommayagoundanpatti)	NA	NA	NA	NA	NA
26.	Urban PHC, Tiruvannamalai (Central)	A	A	A	A	A

(Source: Details furnished by the respective CHCs / PHCs)

³⁰ A – Available; NA – Not available.³¹ For prevention, removal of stigma and early detection of mental disorders.³² Care of detected cases who are on treatment.³³ To deliver basic mental health care using limited number of drugs and to provide referral service.

Appendix 7.4

(Reference: Paragraph 7.11; Page 103)

Detail of mothers paid JSY in sampled HCFs during the period 2016-22

SI No.	Name of the sampled HCF	Total number of Institutional deliveries and number of Mothers who were paid JSY														Not paid	
		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		Total		No.	Per-centage
		ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY		
MCHs																	
1	Erode	0	0	0	0	0	0	0	0	304	259	1,297	873	1,601	1,132	469	29
2	Karur	2,884	2,884	2,754	2,754	2,265	2,200	3,207	3,107	3,631	3,211	4,228	3,975	18,969	18,131	838	4
3	Thanjavur	14,555	11,234	14,819	12,254	14,039	11,249	13,060	11,526	13,590	11,358	13,545	9,866	83,608	67,487	16,121	19
4	Theni	6,711	6,202	7,064	6,567	7,104	6,475	7,433	5,120	7,537	5,798	7,379	5,061	43,228	35,223	8,005	19
5	Tiruvannamalai	7,905	0	8,242	0	9,065	0	9,644	0	11,723	8,180	11,692	8,503	58,271	16,683	41,588	71
Total (1)		32,055	20,320	32,879	21,575	32,473	19,924	33,344	19,753	36,785	28,806	38,141	28,278	2,05,677	1,38,656	67,021	33
DHQHs																	
1	Cheyyar	1,170	1,170	974	974	982	982	1,222	1,222	2,355	2,355	2,421	2,421	9,124	9,124	0	0
2	Erode	2,739	2,653	3210	2,915	3,073	3,012	2,947	2,901	3,521	4,009	3,322	3,256	18,812	18,746	66	0
3	Kumbakonam	0	0	0	0	2,104	2,830	3,987	3,471	4,469	3,906	4,697	3,279	15,257	13,486	1771	12
4	Perambalur	4,113	2,473	4394	3,800	4,857	3,809	4,767	3,669	4,931	4,454	5,207	1,789	28,269	19,994	8275	29
5	Periyakulam	1,186	989	1375	1,273	1,362	1,301	1,498	1,492	1,584	1,348	1,760	1,522	8,765	7,925	840	10
Total (2)		9,208	7,285	9953	8,962	12,378	11,934	14,421	12,755	16,860	16,072	17,407	12,267	80,227	69,275	10952	14
TKHs																	
1	Andipatti	120	120	118	118	125	125	145	145	166	166	163	163	837	837	0	0
2	Bhavani	263	257	241	220	216	206	227	208	280	260	290	260	1,517	1,411	106	7
3	Karai	0	0	19	19	11	11	8	8	1	1	4	4	43	43	0	0
4	Manmangalam	73	73	14	14	214	214	223	223	325	325	475	475	1,324	1,324	0	0
5	Orathanadu	69	69	43	43	24	24	12	12	11	11	15	15	174	174	0	0
6	Thandampattu	10	10	166	166	146	146	127	127	76	76	180	180	705	705	0	0
Total (3)		535	529	601	580	736	726	742	723	859	839	1,127	1,097	4,600	4,494	106	2

Sl No.	Name of the sampled HCF	Total number of Institutional deliveries and Number of Mothers who were paid JSY														Not paid	
		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		Total		No.	Per-centage
		ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY		
NTKHs																	
1	Chinnamanur	65	60	112	93	121	107	52	51	108	88	35	30	493	429	64	13
2	Kavandapadi	37	37	50	50	8	8	13	13	7	7	19	19	134	134	0	0
3	Thanipadi	235	235	212	212	231	231	215	215	280	280	250	250	1,423	1,423	0	0
4	Thirukkattupalli	44	36	46	44	30	30	24	22	28	26	27	11	199	169	30	15
5	Velayuthapalayam	160	155	120	120	142	138	115	115	152	148	142	138	831	814	17	2
Total (4)		541	523	540	519	532	514	419	416	575	549	473	448	3,080	2,969	111	4
BLOCK PHCs																	
1	Chennimalai	57	57	44	44	42	42	26	24	25	24	20	20	214	211	3	1
2	Chinnadharapuram	31	31	27	27	29	29	42	42	31	31	22	22	182	182	0	0
3	Karapattu	195	195	122	122	96	96	75	75	80	80	58	58	626	626	0	0
4	Modakurichi	220	220	180	180	177	177	169	169	153	153	129	129	1,028	1,028	0	0
5	Naducauvery	146	146	174	174	158	158	171	171	108	108	80	80	837	837	0	0
6	Nammiyampattu	235	235	224	224	246	246	293	293	224	224	293	293	1,515	1,515	0	0
7	Sivagiri	177	177	93	93	118	118	130	130	84	81	158	156	760	755	5	1
8	Thingalur	52	52	62	62	53	53	66	66	55	55	18	18	306	306	0	0
9	Vallam	92	92	76	76	65	65	68	68	79	79	37	37	417	417	0	0
10	Vettavalam	134	93	61	50	75	66	66	56	100	67	95	73	531	405	126	24
Total (5)		1,339	1,298	1,063	1,052	1,059	1,050	1,106	1,094	939	902	910	886	6,416	6,282	134	26
UPGRADED PHCs																	
1	Ammapalayam	19	19	19	19	20	20	16	16	10	10	17	17	101	101	0	0
2	Jamunamarathur	383	383	466	466	532	532	640	640	555	555	551	551	3,127	3,127	0	0
3	Kadamalaigundu	148	148	78	78	153	153	122	122	196	196	124	124	821	821	0	0
Total (6)		550	550	563	563	705	705	778	778	761	761	692	692	4,049	4,049	0	0

Performance Audit on Public Health Infrastructure and Management of Health Services

Sl No.	Name of the sampled HCF	Total number of Institutional deliveries and Number of Mothers who were paid JSY														Not paid	
		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		Total		No.	Per-centage
		ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY	ID	JSY		
RURAL PHCs																	
1	Chakkarapalli	0	0	18	18	74	74	98	98	94	94	69	69	353	353	0	0
2	Kadavur	78	78	40	40	54	54	104	104	50	50	45	45	371	371	0	0
3	Kaikalathur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
4	Kurangani	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	100
5	Poondi	58	58	53	53	46	46	45	45	37	37	16	16	255	255	0	0
6	Santhavasal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (7)		136	136	111	111	175	174	247	247	181	181	130	130	980	979	1	0
URBAN PHCs																	
1	Erode	38	38	31	31	115	115	168	168	304	304	69	69	725	725	0	0
2	Gobichettipalayam	0	0	0	0	9	9	6	6	5	5	0	0	20	20	0	0
3	Karur Town	18	18	28	28	33	33	65	65	42	42	67	67	253	253	0	0
4	Kumbakonam (EVRM)	0	0	0	0	18	18	26	26	38	38	36	36	118	118	0	0
5	Thanjavur (Kallukulam)	56	56	81	81	81	81	97	97	58	58	67	67	440	440	0	0
6	Theni Town	0	0	0	0	0	0	4	0	91	0	55	54	150	54	96	64
7	TV Malai (Central)	10	10	30	21	175	184	176	172	197	185	132	127	720	699	21	3
Total (8)		122	122	170	161	431	440	542	534	735	632	426	420	2,426	2,309	117	5
GRAND TOTAL		44,486	30,763	45,880	33,523	48,489	35,467	51,599	36,300	57,695	48,742	59,306	44,218	3,07,455	2,29,013	78,442	26

Appendix 8.1

(Reference: Paragraph 8.1.2; Page 112)

Sampled Hospitals - Pending Registration

Name of the District	Name of the Hospitals
Erode	A.K.R Hospital
	EM Hospital
	Erode Kavery Multi Specialty Hospital
	K. B. Nursing Home
	Limbus Medical Centre Private Limited
	Udhayam Medical Centre
	Nandha Ayurveda Medical College and Hospital
	Nandha Siddha Medical College and Hospital
	Kongu Naturopathy and Yoga Medical College Hospital
	Nandha Naturopathy and Yoga Medical College and Hospital
Karur	M.K. Hospital, Karur
Perambalur	Dr.G. S. Memorial Hospital, Perambalur
Theni	Saravana Hospital, Theni
	Suham Specialty Hospital, Theni
Thanjavur	Annai Naturopathy and Yoga Hospital

Appendix 8.2

(Reference: Paragraph 8.2.1; Page 113)

List of Government Blood Storage Centres functioning without valid licence

Sl. No.	Name	District	BSC No.	Dated	Valid upto
1	Corporation 24 Hrs Emergency Obstetric Care Unit, Saidapet	Chennai	65	11-11-2005	10-11-2019
2	Chennai Corporation, Perumalpet 24Hrs Emergency Obstetric Care unit, Purasawalkam, Chennai-600007	Chennai	66	22-11-2005	21-11-2019
3	GH, Sirkali	Nagapattinam	69	30-11-2005	29-11-2019
4	GPHC, Anaicut.	Vellore	96	05-02-2008	04-02-2020
5	GPHC, Kaliyarkoil	Sivaganga	106	29-05-2008	28-05-2018
6	GPHC, Peranamallur - 604503	Tiruvannamalai	112	16-09-2008	15-09-2020
7	GPHC, Kosavapatti	Dindigul	115	24-09-2008	23-09-2020
8	GPHC, Kuruvikulam - 627754	Tirunelveli	126	04-03-2009	03-03-2021
9	GPHC, Thadikarankonam - 629851	Kanyakumari	136	02-06-2010	01-06-2020
10	GPHC, Agasteeswaram	Kanyakumari	138	02-06-2010	01-06-2020
11	GUPHC, Chenbagaramanputhoor	Kanyakumari	139	02-06-2010	01-06-2020
12	GPHC, Pullambadi	Trichy	153	22-07-2010	21-07-2020
13	GPHC, Sirugambur	Trichy	154	22-07-2010	21-07-2020
14	GPHC, Thathaiyengarpet,	Trichy	155	22-07-2010	21-07-2018
15	GPHC, Uthamanur	Trichy	156	22-07-2010	21-07-2012
16	GPHC, Uppliapuram	Trichy	157	22-07-2010	21-07-2020
17	GPHC, Sivagiri - 638109*	Erode	163	05-08-2010	04-08-2020
18	GPHC, Lalapet	Vellore	171	01-10-2010	30-09-2020
19	GPHC, Kumaralingam.	Tiruppur	173	01-10-2010	30-09-2020
20	GPHC, Thimiri	Vellore	174	01-10-2010	30-09-2020
21	GPHC, Odukathur	Vellore	175	01-10-2010	30-09-2020
22	GPHC, Pallikonda	Vellore	176	01-10-2010	30-09-2020
23	GPHC, Perumanallur - 641666	Tiruppur	177	25-10-2010	24-10-2020
24	GPHC, Thalavadi	Erode	181	08-11-2010	07-11-2020
25	GUPHC, Somanur - 641668	Coimbatore	184	24-11-2010	23-11-2020
26	GUPHC, Perambakkam	Tiruvallur	185	16-12-2010	15-12-2020
27	GUPHC, Thiruchuli Taluk, Narikudi	Virudhunagar	186	16-12-2010	15-12-2018
28	GCHC, Andimadam -621801	Ariyalur	187	31-12-2010	30-12-2020
29	GPHC, Arimalam -622201	Pudukkotai	189	31-12-2010	30-12-2020
30	GCHC, T.Palur-612904	Ariyalur	190	07-01-2011	06-01-2019
31	GPHC, Karungalakudi	Madurai	196	07-02-2011	06-02-2019
32	GPHC, Thiruvegampet	Sivagangai	197	07-02-2011	06-02-2019
33	GPHC, Elumalai	Madurai	200	07-02-2011	06-02-2019
34	GPHC, Natrampalli	Vellore	202	10-02-2011	09-02-2019
35	GPHC, Muthananthal	Sivagangai	203	10-02-2011	09-02-2021
36	GCHC, Karimangalam - 635111	Dharmapuri	205	22-02-2011	21-02-2021
37	GPHC, Sendamaram -627857	Tirunelveli	206	02-03-2011	01-03-2021
38	GH, Alangulam -627851	Tirunelveli	208	05-03-2011	04-03-2021
39	GUPHC, Kilpennethur	Tiruvannamalai	211	17-03-2011	16-03-2021

Sl. No.	Name	District	BSC No.	Dated	Valid upto
40	GPHC, Devipattinam -623514	Ramanathapuram	216	30-03-2011	29-03-2019
41	GPHC, R.S. Mangalam	Ramanathapuram	217	30-03-2011	29-03-2019
42	GPHC, Kadayam	Tirunelveli	218	30-03-2011	29-03-2021
43	GPHC, Melattur-614301	Thanjavur	234	01-06-2011	31-05-2019
44	GPHC, Thiruvonam	Thanjavur	235	01-06-2011	31-05-2019
45	GPHC, Thamarankottai-614613	Thanjavur	248	20-07-2011	19-07-2019
46	GPHC, Vadamadurai	Dindigul	259	07-09-2011	06-09-2019
47	GPHC, Kallimanthayam	Dindigul	262	14-09-2011	13-09-2019
48	GCHC, Madhanur -635804	Vellore	277	29-12-2011	28-12-2019
49	GCHC, Andiyappanur- 635702	Vellore	278	29-12-2011	28-12-2019
50	GPHC, Vaduganthangal, Katpadi- 632204	Vellore	279	29-12-2011	28-12-2019
51	GCHC, Alangayam	Vellore	280	29-12-2011	28-12-2019
52	GUPHC, Srimushnam- 608708	Cuddalore	283	09-01-2012	08-01-2020
53	GCHC, Nariyambattu	Vellore	286	23-01-2012	22-01-2020
54	GUPHC, Kothanallure	Kanyakumari	295	01-03-2012	29-02-2020
55	GH, Kadayanallur	Tirunelveli	302	08-05-2012	07-05-2020
56	GPHC, Sadras-603102	Kancheepuram	307	08-06-2012	07-06-2018
57	GCHC, Chinnadharapuram*	Karur	311	21-06-2012	20-06-2018
58	GPHC, Panjapaty	Karur	314	27-06-2012	26-06-2020
59	GPHC, Thozhudur	Cuddalore	319	30-07-2012	29-07-2018
60	Arignar Anna Govt. Taluk Hospital, Sriperumbudur	Kancheepuram	322	30-07-2012	29-07-2020
61	GPHC, Thalivasal-636112	Salem	323	21-08-2012	20-08-2020
62	GPHC, Oraiyur -607108	Cuddalore	324	21-08-2012	20-08-2020
63	GPHC, Thammampatty	Salem	325	21-08-2012	20-08-2020
64	GPHC, Kolathur-636303	Salem	326	21-08-2012	20-08-2020
65	Govt Taluk Hospital, Vikkiravandi-605652	Villupuram	327	21-08-2012	28-08-2020
66	GUPHC, Kadaladi -606908	Tiruvannamalai	328	08-11-2012	07-11-2020
67	GPHC, Vadakaraiilpidagai - 627812	Tirunelveli	329	08-11-2012	07-11-2020
68	GCHC, Kaverpattinam-635112	Krishnagiri	333	06-12-2012	15-12-2020
69	GH, Polur – 606803	Tiruvannamalai	336	09-01-2013	08-01-2021
70	GUPHC, Sithayankottai	Dindigul	339	09-01-2013	08-01-2021
71	GCHC, Chinnalapatty-624301	Dindigul	342	01-02-2013	31-01-2021
72	GPHC, Kannankurichi-636008	Salem	343	27-02-2013	26-02-2021
73	GCHC, Kannivadi – 624705	Dindigul	345	27-02-2013	26-02-2021
74	GPHC, Sathiyamangalam	Villupuram	350	14-03-2013	13-03-2021
75	GUPHC, MekalachinnamPalli	Krishnagiri	351	14-03-2013	13-03-2021
76	GCHC, Ketti	Nilgiri	355	27-03-2013	26-03-2021
77	GPHC, Pandalgudi – 626113	Virudhunagar	370	29-05-2013	28-05-2019
78	GPHC, Kanniseripudhur	Virudhunagar	371	29-05-2013	28-05-2019
79	GH, Chengam – 606709	Tiruvannamalai	387	02-09-2013	01-09-2019
80	GHQH, Pollachi	Coimbatore	416	29-10-2013	28-10-2019
81	GH, Udumalpet	Tirupur	417	29-10-2013	28-10-2019
82	Government RSRM Hospital, Chennai-600013	Chennai	423	30-10-2013	29-10-2019
83	GH, Ulundurpet	Villupuram	434	30-10-2013	29-10-2019

Sl. No.	Name	District	BSC No.	Dated	Valid upto
84	GHQH, Cuddalore	Cuddalore	436	30-10-2013	29-10-2019
85	GPHC, Kannankudi-630318	Sivagangai	442	20-11-2013	19-11-2019
86	GPHC, Veppanampalli 635121	Krishnagiri	444	03-12-2013	02-12-2019
87	GPHC, Karungulam	Tuticorin	447	17-01-2014	16-01-2020
88	GPHC, Kalambur- 606903	Tiruvannamalai	450	17-01-2014	16-01-2020
89	GUPHC, Thoppur	Dharmapuri	452	06-02-2014	05-02-2020
90	GH, Alangudi – 622301	Pudukkottai	454	14-02-2014	13-02-2020
91	GPHC, Devadanapatti	Madurai	455	14-02-2014	13-02-2020
92	TN Multi Super Specialty Hospital, Omandurar Estate, Chennai-2	Chennai	457	14-02-2014	13-02-2020
93	GPHC, Kattampoondi	Tiruvannamalai	458	18-03-2014	17-03-2020
94	GUPHC, Vettavalam*	Tiruvannamalai	469	06-06-2014	05-06-2020
95	GUPHC, Vazhur, Vandavasi	Tiruvannamalai	471	06-06-2014	05-06-2020
96	GUPHC, Patteeswaram - 612703	Thanjavur	481	21-10-2014	20-10-2020
97	GPHC, Thiruchopuram	Cuddalore	506	25-08-2015	24-08-2019
98	GPHC, Karaikadu	Cuddalore	508	18-09-2015	17-09-2019
99	GPHC, Sillathur	Thanjavur	509	22-09-2015	21-09-2019
100	GUPHC, Ervadi- 623515	Ramanathapuram	528	21-06-2016	20-06-2020
101	GPHC, Nainarkoil	Ramanathapuram	529	08-07-2016	07-07-2020
102	GPHC, Nallur, Sirkali Taluk - 609101	Nagapattinam	532	26-08-2016	25-08-2018
103	GPHC, Konerirajapuram	Nagapattinam	534	26-08-2016	25-08-2018
104	GPHC, Thirumarugal	Nagapattinam	535	26-08-2016	25-08-2018
105	GUPHC, Vadakadu	Pudukkottai	536	24-08-2016	23-08-2018
106	GUPHC, Parambur	Pudukkottai	537	05-08-2016	04-08-2020
107	GPHC, Velliyur	Thiruvallur	538	12-08-2016	11-08-2020
108	GUPHC, Thiruvengadu	Nagapattinam	539	26-08-2016	25-08-2018
109	GUPHC, Thevur	Nagapattinam	540	24-08-2016	23-08-2018
110	GPHC, Thalanayar	Nagapattinam	543	27-09-2016	26-09-2020
111	GUPHC, Pennadam - 606105	Cuddalore	546	14-10-2016	13-10-2018
112	GPHC, Perumpannaiyur-612603	Thiruvarur	552	14-11-2016	13-11-2018
113	GPHC, Periyapattinam-623523	Ramanathapuram	553	15-12-2016	14-12-2020
114	GUPHC, Alapatti - 635122	Krishnagiri	555	13-01-2017	12-01-2021
115	GUPHC, Melpallipattu - 606703	Tiruvannamalai	557	23-01-2017	22-01-2021
116	GUPHC, Thirumakkottai - 641017	Thiruvarur	560	31-01-2017	30-01-2019
117	GUPHC, Ullikottai - 614018	Thiruvarur	561	31-01-2017	30-01-2019
118	GPHC, Sanganthi-Edaiyur - 614702	Thiruvarur	562	31-01-2017	30-01-2019
119	GPHC, Vaduvur - 614019	Thiruvarur	563	31-01-2017	30-01-2019
120	GPHC, Thiruvizhimizhalai	Thiruvarur	565	28-02-2017	27-02-2019
121	GUPHC, Adiyakkamangalam	Thiruvarur	566	09-03-2017	08-03-2019
122	Govt. Medical College Hospital, Pudukkottai	Pudukkottai	580	16-10-2017	15-10-2019
123	GUPHC, Jamunamarathur – 635703*	Tiruvannamalai	581	20-10-2017	19-10-2019
124	GPHC, Melur - 606201	Villupuram	587	10-01-2018	09-01-2020
125	GPHC, Muthupettai - 614704	Thiruvarur	596	17-05-2018	16-05-2020
126	Govt Vellore MC Hospital, CEMONC Building, Vellore	Vellore	617	24-01-2019	23-01-2021
127	GH, Rameswaram - 623526	Ramanathapuram	622	21-02-2019	20-02-2021

* Sampled PHCs

Appendix 8.3

(Reference: Paragraph 8.2.2; Page 114)

Shortfalls in achievement of targets for inspection and lifting of samples

A. Details of inspections carried out by the Drug Inspectors

Year	Number of Inspections to be carried out	Number of Inspections actually carried out	Shortfall in number of inspections	Per cent of shortfall in inspections
2016-17	1,00,800	66,331	34,469	34
2017-18	1,00,800	60,495	40,305	40
2018-19	98,280	59,682	38,598	39
2019-20	1,03,500	62,275	41,225	40
2020-21	1,00,800	62,358	38,442	38

(Source: Details furnished by the DC)

B. Details of samples lifted for testing by the Drug Inspectors

Year	Number of samples to be lifted	Number of samples actually lifted	Shortfall in number of samples lifted	Per cent of shortfall in lifting of samples
2016-17	17,280	9,561	7,719	45
2017-18	17,280	8,908	8,372	48
2018-19	19,656	8,988	10,668	54
2019-20	19,320	9,011	10,309	53
2020-21	18,816	8,604	10,212	54

(Source: Details furnished by the DC)

Appendix 8.4

(Reference: Paragraph 8.3.1; Page 115)

List of sampled HCFs which did not submit the Annual Report to TNPCB during 2016-22

District	Name of Hospital	Name of PHC
Erode	NTKH, Kavandapadi	UPHC, Thingalur UPHC, Modakurichi UPHC, Sivagiri UPHC, Chennimalai
Karur	TKH, Manmangalam NTKH, Velayuthampalayam	
Perambalur		Ammapalayam Kaikalathur
Thanjavur	TKH, Orathanadu	Poondi Vallam Naducauvery Chakarapalli
Theni		UPHC, Kadamalaigundu Urban PHC-II, Bommayakoundampatti
Tiruvannamalai	TKH, Thandrapet NTKH, Thanipadi	UPHC, Vettavalam UPHC, Karapattu PHC, Santhavasal UPHC, Jamunamarathur UPHC, Nammiyampattu

Appendix 8.5

(Reference: Paragraph 8.3.3; Page 116)

Deficiencies in disposal of BMW noticed in three sampled districts

District	Deficiency Noticed
Thanjavur	<ul style="list-style-type: none"> ➤ Bar code system is not in operation. ➤ Training to the staff/workers engaged in disposal of BMW were not given and no records were maintained for training. ➤ Huge portion/pile of BMW dumped in the site. On this being enquired for reasons, it was informed by the authorities that the plant was on shut down for maintenance of equipment for one week from 13-04-2022 to 22-04-2022. ➤ Hazardous waste and recyclable waste were dumped in the site. On being enquired, it was replied by authorities that it would be disposed off through another agency after having sufficient minimum quantity of BMW (i.e. Hazardous waste 15 tons and others 6 tons). ➤ No records were maintained at the site to monitor the quantity of BMW reached at the site which were taken from hospitals. Whatever quantity received in vehicles were disposed off without verification of quantity/details of occupier, etc. ➤ It was also stated by the authorities in site that improper segregation of BMW was received from the hospitals and stated that in more than 70% of the hospitals segregation was improper.
Tiruvannamalai	<ul style="list-style-type: none"> ➤ It was noticed that a huge smoke at stack of the incinerator and informed the authorities and soon it was stopped. On asking the reasons for more smoke during the operation of incinerator, it was informed that the wastes loaded into the incinerator were above the limit. ➤ There were no pits for deep burial. ➤ No records to ensure the standards for dry heat sterilization for waste sharps – not less than 185 degrees Centigrade; residence period of 150 minutes and sterilization period of 90 minutes was maintained. ➤ It was informed by the authorities that biomedical wastes were not segregated as per the guidelines by the hospitals. The bags received from the hospitals included the solid wastes. ➤ No bar-coding system was followed. ➤ The needles received from the hospitals were stored in a concrete needle pit and there was no mechanism existing to dispose the needles stored in the needle pit.
Theni	<ul style="list-style-type: none"> ➤ Bar code system for bags or containers, containing Biomedical Waste, was not followed. ➤ As per the Biomedical Waste (Management) Rules, the Incinerators (combustion chambers) shall be operated with such temperature, retention time and turbulence, as to achieve the Total Organic Carbon content within the prescribed limit. It was noticed that Programmable Logic Controller was not functioning. Due to repair of the Programmable Logic Controller (Control Panel) the required level of temperature, retention time, etc. to be maintained in the incinerator could not be monitored. ➤ It was seen that all colour bags containing biomedical waste had been received and processed by the Operator, however, only yellow and red colour bags have been shown as receipt in the Waste Collection Report Register of the Operator. White colour bags meant for waste sharps including metals and Blue colour bags meant for contaminated Glassware had not been shown as receipt in the Waste Collection Report though such waste materials were received and disposed by the unit as per the Biomedical Waste Rules. ➤ It was noticed from the pile of bags stored for incineration that White and Blue colour bags are used for packing Human Anatomical Waste and Soiled Waste along with Yellow Colour bags. Thus, colour coding of bags/containers were not properly followed as per the Rules.

Appendix 9.1

(Reference: Paragraph 9.1; Page 117)

List of 13 Targets under SDG-3

Sl. No.	Target No.	Gist of target to be achieved by 2030
1	3.1	Reduce the global maternal mortality ratio to less than 70 per 1,00,000 live births
2	3.2	Reduce neonatal mortality to 12 per 1,000 live births, and under-5 mortality to 25 per 1,000 live births
3	3.3	End the epidemics of AIDS, tuberculosis, malaria and combat hepatitis, waterborne diseases and other communicable diseases
4	3.4	Reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being
5	3.5	Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol
6	3.6	By 2020, halve the number of global deaths and injuries from road traffic accidents
7	3.7	Ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, etc.
8	3.8	Achieve universal health coverage, access to quality essential health-care services, essential medicines and vaccines for all
9	3.9	Substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination
10	3.a	Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate
11	3.b	Support the research and development of vaccines and medicines for the communicable and non-communicable diseases
12	3.c	Substantially increase health financing and the recruitment, development, training and retention of the health workforce
13	3.d	Strengthen the capacity for early warning, risk reduction and management of national and global health risks

(Source: GoI's Ministry of Statistics and Programme Implementation - SDG National Indicator Framework)

Appendix 9.2

(Reference: Paragraph 9.1; Page 117)

List of 41 indicators identified at national level to measure and monitor the progress of these 13 targets under SDG-3

Sl. No.	Indicator No.	Name of Indicator
1	3.1.1	Maternal Mortality Ratio (per 1,00,000 live births)
2	3.1.2	Percentage of births attended by skilled health personnel (Period 5 years)
3	3.1.3	Percentage of births attended by skilled health personnel (Period 1 year)
4	3.1.4	Percentage of women aged 15-49 years with a live birth, for last birth, who received antenatal care, four times or more (Period 5 years/1 year)
5	3.2.1	Under-five mortality rate (per 1,000 live births)
6	3.2.2	Neonatal mortality rate (per 1,000 live births)
7	3.3.1	Number of new HIV infections per 1,000 uninfected population
8	3.3.2	Tuberculosis incidence per 1,00,000 population
9	3.3.3	Malaria incidence per 1,000 population
10	3.3.4	Prevalence of Hepatitis 'B' per 1,00,000 population
11	3.3.5	Dengue: Case Fatality Ratio
12	3.3.6	Proportion of grade-2 cases amongst new cases of Leprosy (Per million population)
13	3.3.7	Percentage of blocks reporting < 1 Kala Azar case per 10,000 population out of the total endemic blocks
14	3.3.8	Percentage of districts reporting < 1% Microfilaria rate (MF) out of Targeted Endemic districts
15	3.4.1	Number of deaths due to cancer
16	3.4.2	Suicide mortality rate (per 1,00,000 population)
17	3.5.1	Number of persons treated in de-addiction centres
18	3.5.2	Percentage of population (men (15-49 years) & women (15 - 49 years)) who drink alcohol about once a week out of total population (men (15-49 years) & women (15 - 49 years)) who drink alcohol
19	3.5.3	Percentage of population (15 years and above) who consume alcohol, by sex
20	3.6.1	People killed/injured in road accidents (per 1,00,000 population) (similar to 11.2.2)
21	3.7.1	Percentage of currently married women aged 15-49 years who have their need for family planning satisfied with modern methods
22	3.7.2	Adolescent birth rate (aged 15-19 years) per 1,000 women in that age group
23	3.7.3	Percentage of Institutional Births (5 years/1 year)
24	3.7.4	Percentage of currently married women (15-49 years) who use any modern family planning methods (similar to Indicator 3.8.1)
25	3.7.5	Percentage of women aged 15-19 years who were already mothers or pregnant

Sl. No.	Indicator No.	Name of Indicator
26	3.8.1	Percentage of currently married women (15-49 years) who use any modern family planning methods (similar to Indicator 3.7.4)
27	3.8.2	Proportion of population with large household expenditures on health as a share of total household expenditure or income
28	3.8.3	Percentage of people living with HIV currently receiving ART among the detected number of adults and children living with HIV
29	3.8.4	Prevalence of hypertension among men and women age 15-49 years (in percentage)
30	3.8.5	Percentage of population in age group 15-49 who reportedly sought treatment out of total population in that age group having diabetes
31	3.8.6	Percentage of women aged 30-49 who have ever undergone a screening test for cervical cancer
32	3.8.7	Percentage of TB cases successfully treated (cured plus treatment completed) among TB cases notified to the national health authorities during a specified period
33	3.8.8	Total Physicians, Nurses and Midwives per 10,000 population (similar to 3.c.1)
34	3.9.2	Proportion of men and women reporting Asthma in the age group 15-49 years
35	3.9.3	Mortality rate attributed to unintentional poisoning (per 1,00,000 population)
36	3.a.1	Percentage of adults 15 years and above with use of any kind of tobacco (smoking and smokeless)
37	3.b.1	Percentage of children age 12-23 months fully vaccinated with BCG, measles and three doses each of polio and DPT or Penta vaccine (excluding polio vaccine given at birth)
38	3.b.2	Budgetary allocation for Department of Health Research (in ₹ crore)
39	3.c.1	Health worker density
40	3.c.2	Percentage of government spending (including current and capital expenditure) in health sector to GDP
41	3.d.1	International Health Regulations (IHR) capacity and health emergency preparedness

(Source; MoSPI's SDG - National Indicator Framework Version 3.0 (as on 31-03-2021))

Appendix 9.3

(Reference: Paragraph 9.3; Page 118)

Status in the Key indicators of the SDG

SDG target No.	Gist	Status of achievement as on March 2021
1	Maternal mortality ratio	Achieved
2	Neonatal and under 5 mortality	Achieved
3	End epidemics	Incidences of AIDS, Chikunguniya, Dengue, Encephalitis, Malaria, etc., are coming down.
4	Premature mortality from non-communicable diseases	Mortality due to cancer continue to increase from 6,039 in 2016 to 8,489 in 2020 despite implementing GoI funded Cancer Control Programme to diagnose and treat all major forms of cancer. Suicides also continue to increase.
5	Prevention and treatment of substance abuse	Addiction to alcohol has been on the increase
6	Deaths and injuries from road traffic accidents	Deaths by road traffic accidents (RTA) decreased from 17,218 in 2016 to 8,059 in 2020. Similarly, injuries due to RTA decreased from 82,163 in 2016 to 50,551 numbers in 2020
7	Access to sexual and reproductive healthcare	Achieved
8	Universal health coverage	Partially achieved
9	Deaths and illnesses from air, water and soil pollution and contamination	Data is not monitored.
10	Tobacco Control	Data is not monitored
11	Research and development of vaccines and medicines	Data is not monitored
12	Increase health financing and the recruitment	Data is not monitored
13	Early warning, risk reduction and management	Indicator is under development

(Source: SDG Portal of Planning and Development Department)

Glossary of abbreviations

Abbreviations	Full Form
AMB	<i>Anaemia Mukd Bharat</i>
AMC	Annual Maintenance Contract
BSC	Blood Storage Centres
CBMWTF	Common Biomedical Waste Treatment Facility
CE	Clinical Establishments
DC	Drugs Controller
DDHS	Deputy Director of Health Services
DDMS	Drug Distribution Management System
DFW	Director of Family Welfare
DHQH	District Headquarters Hospital
DHS	District Health Society
DIMH	Director of Indian Medicine & Homoeopathy
DME	Director of Medical Education
DMRHS	Director of Medical & Rural Health Services
DPH	Director of Public Health & Preventive Medicine
FPIS	Family Planning Indemnity Scheme
FWP	Family Welfare Programme
GMC	Government Medical College
GMCH	Government Medical College Hospitals
GoI	Government of India
GoTN	Government of Tamil Nadu
HCF	Healthcare facilities
HFW	Health and Family Welfare
HMIS	Health Management Information System
IPHS	Indian Public Health Standard
JDHS	Joint Director of Health Services
JPV	Joint Physical Verification
JSSK	<i>Janani Shishu Suraksha Karyakram</i>
JSY	<i>Janani Suraksha Yojana</i>
LaQshya	Labour Room and Quality Improvement Initiative

Abbreviations	Full Form
LSCS	Lower Segment Caesarean Section
MCH	Medical College Hospitals
MO	Medical Officer
MoSPI	Ministry of Statistics and Programme Implementation
MRB	Medical Recruitment Board
NABH	National Accreditation Board for Hospitals and Healthcare Providers
NCA	National Centre for Ageing
NHM	National Health Mission
NHP	National Health Policy
NIF	National Indicator Framework
NQAS	National Quality Assurance Standards
NRHM	National Rural Health Mission
NTKH	Non-Taluk Hospital
NUHM	National Urban Health Mission
OT	Operation Theatre
PHC	Primary Health Centre
PIP	Persons-in-position
PS	Principal Secretary
PSA	Pressure Swing Adsorption
PWD	Public Works Department
QC	Quality Control
SAS	State Ayush Society
SDG	Sustainable Development Goals
SHS	State Health Society
SOP	Standard Operating Procedure
SS	Sanctioned Strength
TNMSC	Tamil Nadu Medical Services Corporation Limited
TNPCB	Tamil Nadu Pollution Control Board
UC	Utilisation Certificate
USG	Ultrasonogram