

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. | Gobichettipalayam 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 |
| | | | 17. | Thanjavur (Kallukulam) | 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 |
| 6 | Tiruvanna-malai | 5. | GMCH, Tiruvanna-malai | 14. | Cheyyar | DHQH | 21. | Vettavalam | BPHC |
| | | | | 15. | Thandampattu | 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 |

Performance Audit on Public Health Infrastructure and Management of Health 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 |
| | | | | | | | | | | | | | | | |
| 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 | Coimbatore | Cuddalore | Dharmapuri | Erode | Kancheepuram | Kanyakumari | Madurai | Perambalur | Ranipet | Salem | Sivaganga | Tenkasi | Thanjavur | Theni | Thoothukudi | Tiruchirappalli | Tiruvannamalai | Thiruvavur | Total |
|---------------------------|----------|------------|-----------|------------|-------|--------------|-------------|---------|------------|---------|-------|-----------|---------|-----------|-------|-------------|-----------------|----------------|------------|-------|
| 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 stren-gth | 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 |
| DHQs: | | | | | | | | | | | | | | | | | | | | | | |
| 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, Thirukkattupalli 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

| Sl 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

| SI 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] | Chennai-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

| SI 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-yur (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**

| 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 | | |
| DHQHs | | | | |
| 1 | Cheyar | 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 | Naducavery | 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 | Cheyar | 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 | Thandampattu | 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

| SI 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 | Orathana-du | 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

| SI 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 | | | 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

| SI No. | Name of the sampled Secondary care Hospital | Number of Beds available | | |
|--------------|---|--------------------------|-------------------------|-------|
| | | Positive Isolation Ward | Negative Isolation Ward | Total |
| DHQHs | | | | |
| 1 | Cheyvar | 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 |

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| Sl No. | Sampled HCF | ENT | | General Surgery | | Obstetrics and Gynecology | | Ophthalmology | | Orthopedies | | 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 |
| DHQs | | | | | | | | |
| 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 | Thandarampattu | 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 | DHQs | | | | | 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 |

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| Sl No. | Availability of Accident & Emergency Services | DHQs | | | | | TKHs | | | | | | NTKHs | | | | |
|--------|--|----------|-------|------------|------------|-------------|-----------|---------|-------|-------------|------------|----------------|-------------|-------------|------------|------------------|------------------|
| | | Chey-yar | Erode | Kumbakonam | Perambalur | Periyakulam | Andipatti | Bhavani | Karai | Manmangalam | Orathanadu | Thandarampattu | Chinnamanur | Kavandapadi | Thani-padi | Thirukkattupalli | Velayuthapalayam |
| 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 | 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-dharam-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 | Unservice-able | | | |
| 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 | | |
| DHQs | | | | | | | | |
| 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

| SI 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 DHQHs

| 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

| SI 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. | Thandarampattu | 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 | Kumbakonam | Perambalur | Periyakulam |
| 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

| SI 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-kattu-palli | 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

| SI 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 | Kumba- konam | Peram- balur | Periya- kulam |
| | | | | 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

| SI 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 | Thanipadi | Velayutha-palayam |
| | | | | 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.

| SI 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 | | | | 9 | 78 | 46 | 65 | 55 | 35 | 50 | 35 | 17 |

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 Auto clave 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 | Gobichettypalayam | 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 | | | | | | | | |
|--------------|----------------|---------------------------------|--------------------|--------------------|------------------------|------------|--------------|--------------|------------|--------------|---------------------|-------------|------------|
| | | | | | Req. as per IPHS Norms | | | Actual | | | Surplus / Shortfall | | |
| | | Rural | Urban | Total | 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 | Tiruchirapalli | 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 | Thandarampattu | 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 |

| SI 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

| SI 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, Thandarampattu | 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, Velayuthapalayam | 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 |
| DHQs | | | | | | | | | | | | | | | | | |
| 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 | Thandarampattu | 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, Chenbagaramanputhooor | 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 | Pudukkottai | 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, Thalavasal-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, Vadakaraikilpidagai - 627812 | Tiruvelveli | 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 |
| 84 | GHQH, Cuddalore | Cuddalore | 436 | 30-10-2013 | 29-10-2019 |

| Sl. No. | Name | District | BSC No. | Dated | Valid upto |
|---------|--|----------------|---------|------------|------------|
| 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 | Pudukottai | 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, Thandrampet 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 Mukh 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 |