



**COVID-19 OUTBREAK CONTROL AND PREVENTION STATE CELL  
HEALTH & FAMILY WELFARE DEPARTMENT  
GOVT. OF KERALA**

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**Kerala Epidemic Diseases, COVID-19 Regulations, 2020**

In exercise of the powers conferred by sections 2, 3 & 4 of the Epidemic Diseases Act, 1897 (Central Act 3 of 1897), the Government of Kerala has issued regulations as Kerala Epidemic Diseases, COVID-19 Regulations, 2020 for the strict compliance, for the containment management and control of COVID-19 21-3-2020 as part of endeavor to eliminate COVID from the State.

**Advisories**

- Any person with travel history or person with contact with such a traveler must remain in home isolation irrespective of their symptom status.
- Do frequent hand washing with soap and water. Avoid social greetings by touching, hugging or handshaking.
- Do not touch your face, nose and eyes.
- Use handkerchief while coughing/ sneezing. It is advisable for all to use masks during the COVID 19 pandemic season. N95 masks should not be worn by the public.
- Training and IEC videos prepared by the department are available on “[Kerala Health Online Training](#)” YouTube channel of the Directorate of Health Services.

**Guidelines**

The following guidelines were issued and published in the website of DHS:

1. Reorganisation of laboratories for sending routine COVID samples by RT-PCR
2. COVID-19 testing augmentation - Xpert-SARS-CoV Testing
3. COVID-19 instructions for using GeneXpert/Truenat-beta-CoV in the private sector in Kerala
4. Advisory for Ensuring TB services in Kerala in the context of COVID-19
5. Advisory for restarting immunisation activities regarding Universal immunisation programme

Date:27/04/2020

WHO has declared the COVID-19 epidemic affecting **213** countries, areas or territories as a Pandemic. Considering the increase in number of cases, the state has strengthened the surveillance and control measures against the disease in view of the same.

### Home/Hospital Isolation

- **20301** persons are placed under surveillance, out of which **19812** are under home isolation and **489** are admitted in designated isolation facilities.

### Sample Testing

- Till date **23271** samples of suspect cases have been sent for testing out of which **22537** came as negative.
- **875** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **611** samples tested negative.
- As part of augmented testing among general population, **3056** samples were taken on 26.04.2020.

### Test Results

- Total confirmed cases under treatment till yesterday were **123**.
- **13** persons have been declared positive today, of which 6 are from Kottayam, 4 are from Idukki, 1 each are from Palakkad, Malappuram and Kannur.
- Test results of **13** COVID patients under treatment have been declared negative out of which 6 are from Kannur, 4 are from Kozhikode and 1 each are from Thiruvananthapuram, Ernakulam (Malappuram native) and Malappuram .
- At present, **123 Positive cases** are under treatment.
- As per GO (Rt) No. 740/2020/H&FWD dated 19.04.2020 and GO (Rt) No. 740/2020/H&FWD dated 20.04.2020, Hotspots were notified in the state. Based on the daily report by SDMA the list will be modified, and the revised list is attached as annexure.

### Complimentary Activities

- In view of recent trend of COVID-19 positivity in Kerala following the existing advisories under the current strategy, it is decided to augment the testing among the general population by taking 3000 more samples randomly on 26<sup>th</sup> April 2020 with the objective of detecting any undetected COVID-19 positivity among general population in Kerala.
- Xpert-SARS-CoV testing has been initiated in Govt. Medical Colleges Thiruvananthapuram, Ernakulam and Kozhikode for testing samples with emergency nature such as for emergency surgery, symptomatic health worker, sick patients or COVID suspected death.
- COVID Care Centres have been established in all districts with a view to accommodate people who have been advised home isolation but have no residence in Kerala (e.g.: Tourists, people in transit etc). And to accommodate any person in home isolation but not following the home isolation guidelines. These centres will also accommodate the Keralites returning from various states in India.
- For providing psychosocial support, 1064 Personnel are working and have provided tele-counselling to 2,22,129 numbers of persons in quarantine/ isolation. In addition to this, psychosocial support calls are given to mentally ill patients, Children with special needs, Guest labourers & elderly people living alone. Tele-counselling is also given to alleviate stress of personnel working in COVID Outbreak control activities. A total of 6,13,523 Tele-counselling calls have been given to all such categories till date. Coordination of Community Deaddiction is also being done.
- Home isolation is being ensured with the help of squads at LSG level including health staff, police and volunteers.
- Adequate infrastructure facilities have been ensured at all designated isolation facilities.

**Annexure 1: Details of persons under Surveillance**

District	No. of Persons under observation as on today	No. of persons under home isolation as on today	No. of symptomatic persons hospitalized as on today	No. of persons hospitalized today
Thiruvananthapuram	2025	1963	62	11
Kollam	1143	1110	33	1
Pathanamthitta	385	376	9	2
Idukki	1385	1370	15	7
Kottayam	727	715	12	6
Alappuzha	1282	1279	3	0
Ernakulam	462	442	20	1
Thrissur	886	867	19	1
Palakkad	3408	3352	56	12
Malappuram	1810	1766	44	23
Kozhikode	1019	961	58	26
Wayanad	978	971	7	1
Kannur	2768	2654	114	5
Kasaragod	2023	1986	37	8
<b>Total</b>	<b>20301</b>	<b>19812</b>	<b>489</b>	<b>104</b>

**Annexure 2: Chronology of Positive cases**

Date	No. of patients	District	Present Status	Remarks
	3	Thrissur Alappuzha Kasaragod	Negative	Discharged
9.03.2020	6	Pathanamthitta-5 Ernakulam-1 (Kannur native)	Negative	Discharged
10.03.2020	8	Kottayam-2 Pathanamthitta -4 Ernakulam -2 (Kannur native)	Negative	Discharged
12.03.2020	2	Thrissur -1 Kannur -1	Negative	Discharged
13.03.2020	3	Thiruvananthapuram -3	Negative	Discharged
15.03.2020	2	Thiruvananthapuram -1 Idukki-1	Negative	Discharged
16.03.2020	3	Malappuram -2 Kasaragod-1	Negative	Discharged
19.03.2020	1	Kasaragod-1	Negative	Discharged
20.03.2020	12	Ernakulam- 6 (1 Malappuram native ) Kasaragod-6	Negative	Discharged
21.03.2020	12	Ernakulam-3 Kannur-3 Kasaragod-6	Negative	Discharged
22.03.2020	15	Ernakulam-1 Malappuram-2 Kozhikode-2 Kannur-4 Kasaragod-5	Negative	Discharged
		Ernakulam-1	Positive	Expired
23.03.2020	28	Pathanamthitta-1 Ernakulam-2 Thrissur-1 Kannur-5 Kasaragod-19	Negative	Discharged
24.03.2020	14	Thiruvananthapuram-1 Alappuzha-1 Kottayam-1 Ernakulam-1 Palakkad-1 Malappuram-1 Kozhikode-2 Kasaragod-6	Negative	Discharged
25.03.2020	9	Palakkad-1 Pathanamthitta-2	Positive	Under treatment
		Idukki-1 Ernakulam-3 Palakkad-1 Kozhikode-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
26.03.2020	19	Kannur-9 Idukki-1 Kasaragod-3 Malappuram-3 Thrissur-2 Wayanad-1	Negative	Discharged
27.03.2020	39	Kollam-1 Thrissur-1 Kozhikode-1 Kannur-2 Kasaragod-34	Negative	Discharged
28.03.2020	6	Thiruvananthapuram-2 Kollam-1 Palakkad-1 Malappuram-1 Kasaragod-1	Negative	Discharged
29.03.2020	20	Kannur-1	Positive	Under treatment
		Thiruvananthapuram-1	Positive	Expired
		Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-7 Kasaragod-7	Negative	Discharged
30.03.2020	32	Kasaragod-1 Kannur-3	Positive	Under treatment
		Idukki-2 Kannur-8 Wayanad-2 Kasaragod-16	Negative	Discharged
31.03.2020	7	Kollam-1 Kannur-1	Positive	Under treatment
		Thiruvananthapuram-2 Thrissur-1 Kasaragod-2	Negative	Discharged
01.04.2020	24	Kannur-1	Positive	Under treatment
		Thiruvananthapuram-2 Ernakulam-3 Palakkad-1 Thrissur-2 Malappuram-2 Kannur-1 Kasaragod-12	Negative	Discharged
02.04.2020	21	Kollam-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Thiruvananthapuram-1 Kollam-1 Pathanamthitta-1 Idukki-5 Thrissur-1 Malappuram-1 Kozhikode-1 Kannur-1 Kasaragod-8	Negative	Discharged
03.04.2020	9	Kasaragod-2 Thrissur-1 Kannur-1 Kasaragod-5	Positive Negative	Under treatment Discharged
04.04.2020	11	Kollam-1 Ernakulam-1 Alappuzha-1 Palakkad-1 Kannur-1 Kasaragod-6	Positive Negative	Under treatment Discharged
05.04.2020	8	Kozhikode-1 Kannur-1 Kasaragod-1 Pathanamthitta-1 Kozhikode-4	Positive Negative	Under treatment Discharged
06.04.2020	13	Kasaragod - 1 Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -8	Positive Negative	Under treatment Discharged
07.04.2020	8	Kannur - 2 Kollam - 1 Malappuram - 1 Kasaragod - 4	Positive Negative	Under treatment Discharged
08.04.2020	9	Kannur - 3 Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -1 Kasaragod - 1	Positive Negative	Under treatment Discharged
09.04.2020	12	Kannur - 3 Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -1 Kasaragod - 4	Positive Negative	Under treatment Discharged
10.04.2020	7	Kasaragod - 3 Kannur - 2 Malappuram - 2	Positive Negative	Under treatment Discharged
11.04.2020	10	Kannur - 1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kozhikode - 1 Kannur-6 Kasaragod - 2	Negative	Discharged
12.04.2020	2	Kannur-1 Pathanamthitta-1	Negative	Discharged
13.04.2020	3	Kannur-2	Positive	Under treatment
		Palakkad-1	Negative	
14.04.2020	8	Kannur- 3 Kozhikkode-2	Positive	Under treatment
		Kasaragod-1 Kannur-1	Negative	
15.04.2020	1	Kannur-1	Positive	Under treatment
16.04.2020	7	Kannur-3 Kasaragod-1	Positive	Under treatment
		Kozhikode-2 Kannur-1	Negative	
17.04.2020	1	Kozhikode-1	Negative	
18.04.2020	4	Kannur-3	Positive	Under treatment
		Kozhikode-1	Negative	
19.04.2020	2	Kannur-1 Kasaragod-1	Positive	Under treatment
20.04.2020	6	Kannur-6	Positive	Under treatment
21.04.2020	19	Kannur-5 Palakkad-4 Kasaragod-2 Kollam-1 Malappuram-1	Positive	Under treatment
		Kannur-5 Kasaragod-1	Negative	
22.04.2020	11	Kannur-6 Kozhikode-2 Kottayam-1	Positive	Under treatment
		Malappuram-1	Positive	Expired
		Kannur-1	Negative	
23.04.2020	10	Idukki-4 Kottayam-2 Kozhikode-2 Kollam-1	Positive	Under treatment
		Thiruvananthapuram - 1	Negative	
24.04.2020	3	Kasaragod-3	Positive	Under treatment
25.04.2020	7	Kottayam-3 Kollam-3 Kannur-1	Positive	Under treatment
26.04.2020	11	Idukki-6 Kottayam-5	Positive	Under treatment



Date	No. of patients	District	Present Status	Remarks
27.04.2020	13	Kottayam-6 Idukki-4 Palakkad-1 Malappuram-1 Kannur-1	Positive	Under treatment
<ul style="list-style-type: none"> <li>• 481 persons have been tested positive till date since the outbreak in Kerala.</li> <li>• 123 persons are currently under treatment.</li> </ul>				

**Annexure 3: District wise distribution based on hospital admission**

District	No. of positive cases admitted	Other Districts
Kollam	9	
Pathanamthitta	3	
Kottayam	17	
Idukki	14	
Ernakulam	1	
Palakkad	7	1 Malappuram
Malappuram	1	-
Kozhikode	8	1 Kannur
Kannur	49	1 Kasaragod
Kasaragod	14	
<b>Total</b>	<b>123</b>	

**Annexure 4:Hotspots as on 27.04.2020**

<b>Hotspots as on 27-04-2020</b>		
<b>Sl. No</b>	<b>District</b>	<b>LSG</b>
1	Ernakulam	Cochin Corporation
2	Idukki	Elappara
3	Idukki	Idukki Kanjikuzhy Panchayat
4	Idukki	Vazahathoppu
5	Idukki	Senapathy Panchayat
6	Idukki	Nedungandam
7	Idukki	Vandanmedu
8	Idukki	Irattayar
9	Idukki	Thodupuzha (M)
10	Idukki	Bisonvalley Panchayat
11	Idukki	Mariyapuram Panchayat
12	Kannur	Pattiam Panchayat
13	Kannur	Peralasseri Panchayat
14	Kannur	Koothuparamba (M)
15	Kannur	Kottayam Malabar (M)
16	Kannur	Kunnothuparamba Panchayat
17	Kannur	Mokeri Panchayat
18	Kannur	Naduvil Panchayat
19	Kannur	Panniyannur
20	Kannur	Panoor (M)
21	Kannur	Madayi Panchayat
22	Kannur	Kanichar
23	Kannur	Pappinisseri Panchayat
24	Kannur	Payyannur Municipality
25	Kannur	Mattool Panchayat
26	Kannur	Muzhappilangad Panchayat
27	Kannur	Chembilode Panchayat
28	Kannur	Iritty (M)
29	Kannur	Chittariparamba Panchayat
30	Kannur	Kadirur Panchayat
31	Kannur	Chapparapadavu Panchayat
32	Kannur	Ezhome Panchayat
33	Kannur	Chengalai Panchayat

34	Kannur	New Mahe Panchayat
35	Kannur	Kolayad
36	Kannur	Koodali
37	Kannur	Eruvassey
38	Kannur	Thalassery (M)
39	Kannur	Mangattidam
40	Kasaragod	Kasargode (M)
41	Kasaragod	Kanjangade (M)
42	Kasaragod	Madhur Panchayat
43	Kasaragod	Kumbala
44	Kasargode	Chengala Panchayat
45	Kasargode	MogralPuthur Panchayat
46	Kasargode	Muliyar Panchayat
47	Kasargode	Chemnad Panchayat
48	Kollam	Kulathupuzha
49	Kollam	Punaloor Municipality
50	Kollam	Nilamel Panchayat
51	Kollam	Thrikkaruva Panchayat
52	Kollam	Chathannoor
53	Kollam	Sasthamcotta
54	Kottayam	Panchaikkadu
55	Kottayam	Vijayapuram
56	Kottayam	Manarcadu
57	Kottayam	Kottayam (M)
58	Kottayam	Thalayolaparambu
59	Kottayam	Aymanam
60	Kottayam	Velloor
61	Kottayam	Ayarkkunnam
62	Kozhikode	Azhiyur Panchayat
63	Kozhikode	Kozhikode Corporation
64	Kozhikode	Edacheri Panchayat
65	Kozhikode	Vadakara (M)
66	Kozhikode	Eramala Panchayat
67	Kozhikode	Kodencheri Panchayat
68	Kozhikode	Changaroath Panchayat
69	Malappuram	Thennala Panchayat
70	Malappuram	Ozhur Panchayat
71	Malappuram	Vengara Panchayat
72	Malappuram	Chungathara Panchayat
73	Malappuram	Manjeri (M)
74	Malappuram	Thalakkad Panchayat
75	Malappuram	Kannamangalam Panchayat
76	Malappuram	A.R Nagar Panchayat
77	Palakkad	Pudusserry
78	Palakkad	Vilayur Panchayat
79	Palakkad	Kuzhalmannam
80	Palakkad	Puduppariyaram Panchayat

81	Palakkad	Thirumittacode Panchayat
82	Palakkad	District Hospital
83	Palakkad	Kottoppadam Panchayat
84	Palakkad	Kanjirappuzha
85	Pathanamthitta	Aranmula Panchayat
86	Pathanamthitta	Ayroor Panchayat
87	Pathanamthitta	Adoor Municipality
88	Pathanamthitta	Chittar Panchayat
89	Pathanamthitta	Vadasserikkara Panchayat
90	Pathanamthitta	Pathanamthitta Municipality
91	Thiruvananthapuram	Thiruvananthapuram Corporation
92	Thiruvananthapuram	Varakala (M)
93	Wayanad	Muppainadu Panchayat
<ul style="list-style-type: none"> <li>• Baseline data as on 16-04-2020, the first date of this exercise. Totals used for scaling of each parameter are as on 16-04-2020</li> <li>• Relevant provisions of GO (Ms) No. 80/2020/GAD dated 23-04-2020 will be applicable to all Hotspots</li> <li>• In the Municipalities and City Corporations listed above as hotspots, the District Disaster Management Authority is empowered to decide and notify the wards/divisions wherein total lock down may prevail</li> </ul>		

Additions to Hotspots on 27-04-2020		
1	Idukki	Vandanmedu
2	Idukki	Irattayar
3	Kottayam	Aymanam
4	Kottayam	Velloor
5	Kottayam	Ayarkkunnam
6	Kottayam	Thalayolaparambu

**\*As per Report from Secretary KSDMA on 27-4-2020**