



**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:01/05/2020

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

- **21499** persons are placed under surveillance, out of which **21067** are under home isolation and **432** are admitted in designated isolation facilities.

### Sample Testing

- Till date **27150** samples of suspect cases have been sent for testing out of which **26225** came as negative.
- **1862** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **999** samples tested negative.
- As part of augmented testing **3128** samples taken from general and was processed in 14 accredited government labs. Out of this 3089 has turned negative. 4 results declared positive till yesterday. 14 samples which the labs had recommended to retest is under processing. 21 samples were rejected.

### Test Results

- Total confirmed cases under treatment till yesterday were **111**.
- No Covid 19 positive cases have been declared today.
- Test results of **9** COVID patients under treatment have been declared negative out of which 4 each are from Kasaragod, Kannur and 1 from Ernakulam.
- At present, **102 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, 1069 Personnel are working and have provided tele-counselling to 2,26,464 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 6,80,261 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	2346	2284	62	17
Kollam	1448	1419	29	6
Pathanamthitta	139	131	8	3
Idukki	1637	1613	24	0
Kottayam	1584	1566	18	0
Alappuzha	1368	1362	6	5
Ernakulam	831	811	20	5
Thrissur	905	885	20	5
Palakkad	3076	3023	53	23
Malappuram	1538	1523	15	12
Kozhikode	1311	1275	36	16
Wayanad	838	825	13	1
Kannur	2560	2458	102	10
Kasaragod	1918	1892	26	3
<b>Total</b>	<b>21499</b>	<b>21067</b>	<b>432</b>	<b>106</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 Malappuramnative ) 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	Pathanamthitta-1	Positive	Under treatment
		Pathanamthitta-1 Idukki-1 Ernakulam-3 Palakkad-2 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	Kannur-1	Positive	Under treatment
		Idukki-2 Kannur-10 Wayanad-2 Kasaragod-17	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	Thrissur-1 Kannur-1 Kasaragod-7	Negative	Discharged
04.04.2020	11	Kollam-1	Positive	Under treatment
		Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6	Negative	Discharged
05.04.2020	8	Kannur-1 Kasaragod-1	Positive	Under treatment
		Pathanamthitta-1 Kozhikode-5	Negative	Discharged
06.04.2020	13	Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -9	Negative	Discharged
07.04.2020	8	Kannur - 2	Positive	Under treatment
		Kollam - 1 Malappuram - 1 Kasaragod - 4	Negative	Discharged
		Kannur - 3	Positive	Under treatment
08.04.2020	9	Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -1 Kasaragod - 1	Negative	Discharged
		Kannur - 2	Positive	Under treatment
09.04.2020	12	Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -2 Kasaragod - 4	Negative	Discharged
		Kannur - 2	Positive	Under treatment
10.04.2020	7	Malappuram - 2 Kasaragod - 3	Negative	Discharged
		Kannur - 1	Positive	Under treatment
11.04.2020	10	Kozhikode - 1 Kannur-6 Kasaragod - 2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
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 Kasaragod-1	Positive	Under treatment
		Kozhikkode-3 Kannur-1	Negative	Discharged
15.04.2020	1	Kannur-1	Positive	Under treatment
16.04.2020	7	Kannur-3	Positive	Under treatment
		Kozhikode-2 Kannur-1 Kasaragod-1	Negative	Discharged
17.04.2020	1	Kozhikode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikode-1	Negative	Discharged
19.04.2020	2	Kannur-1 Kasaragod-1	Positive	Under treatment
20.04.2020	6	Kannur-3	Positive	Under treatment
		Kannur-3	Negative	Discharged
21.04.2020	19	Kannur-3 Palakkad-1 Kollam-1	Positive	Under treatment
		Palakkad-3 Malappuram-1 Kannur-7 Kasaragod-3	Negative	Discharged
22.04.2020	11	Kannur-6 Kozhikode-2 Kottayam-1	Positive	Under treatment
		Malappuram-1	Positive	Expired
23.04.2020	10	Kannur-1	Negative	
		Idukki-4 Kottayam-2 Kozhikode-1	Positive	Under treatment
24.04.2020	3	Thiruvananthapuram - 1Kollam-1 Kozhikode-1	Negative	Discharged
		Kasaragod-2	Positive	Under treatment
25.04.2020	7	Kasaragod-1	Negative	
		Kottayam-3 Kollam-3 Kannur-1	Positive	Under treatment
26.04.2020	11	Kollam-1	Negative	Discharged
		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
28.04.2020	4	Kannur-3 Kasaragod-1	Positive	Under treatment
29.04.2020	10	Kollam-6 Thiruvananthapuram-2 Kasaragod- 2 (1 Kannur native)	Positive	Under treatment
30.04.2020	2	Malappuram-1 Kasaragod-1	Positive	Under treatment
01.05.2020	0	-	Positive	Under treatment
<ul style="list-style-type: none"> <li>• 497 persons have been tested positive till date since the outbreak in Kerala.</li> <li>• 102 persons are currently under treatment.</li> </ul>				

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

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	2	
Kollam	12	
Pathanamthitta	1	
Kottayam	18	1 Idukki
Idukki	14	1 Palakkad
Palakkad	1	
Malappuram	2	
Kozhikode	4	1 Kannur
Kannur	43	2 Kasaragod
Kasaragod	5	
<b>Total</b>	<b>102</b>	

**Annexure 4: Hotspots as on 01.05.2020**

<b>Hotspots as on 1-05-2020</b>		
<b>Sl. No.</b>	<b>District</b>	<b>LSG</b>
1	Ernakulam	Cochin (C)
2	Idukki	Elappara
3	Idukki	Vandanmedu
4	Idukki	Vandiperiyar
5	Idukki	Vazahathoppu
6	Idukki	Karunapuram
7	Idukki	Irattayar
8	Idukki	Edavetty
9	Idukki	Munnar
10	Idukki	Nedungandam
11	Idukki	Senapathy
12	Kannur	Pattiam
13	Kannur	Koothuparamba (M)
14	Kannur	Peralasseri
15	Kannur	Panoor (M)
16	Kannur	Panniyannur
17	Kannur	Mokeri
18	Kannur	Kunnothuparamba
19	Kannur	Naduvil
20	Kannur	Kottayam Malabar (M)
21	Kannur	Madayi
22	Kannur	Pappinisseri
23	Kannur	Chengalai
24	Kannur	Kanichar
25	Kannur	Kolayad
26	Kannur	Mattool
27	Kannur	Koodali
28	Kannur	Chittariparamba
29	Kannur	Mangattidam
30	Kannur	Ezhome
31	Kannur	Kadirur
32	Kannur	New Mahe
33	Kannur	Payyannur (M)
34	Kannur	Muzhappilangad
35	Kasaragod	Kasargode (M)
36	Kasargode	Chengala
37	Kasargode	Chemnad
38	Kasargode	Muliyar
39	Kasargode	Ajanur
40	Kasargode	Uduma
41	Kasargode	MogralPuthur
42	Kollam	Kulathupuzha

43	Kollam	Chathannoor
44	Kollam	Punaloor (M)
45	Kollam	Thrikkaruva
46	Kollam	Ochira
47	Kollam	Thrikkovilvattom
48	Kollam	Sasthamcotta
49	Kollam	Nilamel
50	Kottayam	Panchaikkadu
51	Kottayam	Kottayam (M)
52	Kottayam	Vijayapuram
53	Kottayam	Manarcadu
54	Kottayam	Changanacherry (M)
55	Kottayam	Velloor
56	Kottayam	Udayanapuram
57	Kottayam	Ayarkkunnam
58	Kottayam	Melukavu
59	Kottayam	Thalayolaparambu
60	Kottayam	Aymanam
61	Kozhikode	Kozhikode (C)
62	Kozhikode	Azhiyur
63	Kozhikode	Kodencheri
64	Kozhikode	Vadakara (M)
65	Malappuram	Kaladi
66	Malappuram	Maranchery
67	Malappuram	Manjeri (M)
68	Palakkad	Kuzhalmannam
69	Palakkad	Thirumittacode
70	Pathanamthitta	Aranmula
71	Thiruvananthapuram	Varakala (M)
72	Thiruvananthapuram	Neyyattinkara (M)
73	Thiruvananthapuram	Kulathur
74	Thiruvananthapuram	Parasala
75	Thiruvananthapuram	Athiyannur
76	Thiruvananthapuram	Karodu
77	Thiruvananthapuram	Vellarada
78	Thiruvananthapuram	Amboori
79	Thiruvananthapuram	Balaramapuram
80	Thiruvananthapuram	Kunnathukal

Additions to Hotspots as on 1-05-2020		
1	Kasargode	Uduma
2	Malappuram	Maranchery
3	Thiruvananthapuram	Kulathur
4	Thiruvananthapuram	Parasala
5	Thiruvananthapuram	Athiyannur
6	Thiruvananthapuram	Karodu
7	Thiruvananthapuram	Vellarada
8	Thiruvananthapuram	Amboori
9	Thiruvananthapuram	Balaramapuram
10	Thiruvananthapuram	Kunnathukal

**\*As per Report from Secretary KSDMA on 01.05.2020**