



**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**

- 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. Advisory on RT-PCR pooled testing for COVID-19
2. Testing guideline with respect to sentinel surveillance, follow up testing for positive cases. G.O.(Rt)No.857/2020/H&FWD
3. Detailed advisory regarding home quarantine. G.O.(Rt)No.857/2020/H&FWD
4. Reorganisation of laboratories for sending routine COVID samples by RT-PCR
5. COVID-19 testing augmentation - Xpert-SARS-CoV Testing
6. COVID-19 instructions for using GeneXpert/Truenat-beta-CoV in the private sector in Kerala

**Home quarantine Advisory**

- (1) Everyone who comes from other states should be subjected to medical examination and those with symptoms of the disease are to be hospitalized for further examination and treatment. They are to be kept in observation until RT-PCR results become negative, after which they may be sent home for completing 14 days of quarantine.
- (2) Those who do not show any symptoms during medical examination may be sent for home quarantine for a period of 14 days. If they turn symptomatic while on home quarantine, they must be followed up and sent for further examination and RT-PCR testing.
- (3) For those persons who cannot follow home quarantine guidelines as published in G.O.(Rt)No.857/2020/H&FWD should be sent for Government Institutional Quarantine or Selected Paid Quarantine Facilities.

Date:13/05/2020

WHO has declared the COVID-19 epidemic affecting **215** 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

- **34447** persons are placed under surveillance, out of which **33953** are under home isolation and **494** are admitted in designated isolation facilities.

### Sample Testing

- Till date **39380** samples (including augmented samples) have been sent for testing out of which **38509** came as negative.
- Apart from above, **4268** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **4065** samples tested negative.

### Test Results

- Total confirmed cases under treatment till yesterday were **32**.
- **10** new COVID 19 positive cases have been declared today of which 3 are from Malappuram, 2 each from Palakkad and Wayanad, 1 each from Kottayam, Kannur and Kozhikode.
- Test results of 1 COVID patient under treatment in Kollam have been declared negative.
- At present, **41 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 Psycho Social Support, 1107 personnel are working and have given psycho social support calls to 2,47,528 numbers of persons in quarantine/ isolation. In addition to this, Psycho Social Support calls are given to mentally ill patients, Children with Special Needs, Guest Labourers, and Elderly People living alone. Counselling service is also given to alleviate stress of personnel working in corona outbreak control activities. A total of 7,97,644 Psycho Social Support and Counselling Calls have been given to all such categories till date. Co-ordination of Community Based De-addiction 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.

Kerala arogyam portal ([health.kerala.gov.in](http://health.kerala.gov.in)) with comprehensive information on department of Health and Family Welfare was launched by Hon. Health Minister.

**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	4494	4453	41	19
Kollam	1250	1245	5	2
Pathanamthitta	1185	1178	7	7
Idukki	1307	1303	4	2
Kottayam	1598	1597	1	1
Alappuzha	1811	1804	7	2
Ernakulam	2514	2481	33	14
Thrissur	1671	1649	22	4
Palakkad	6680	6645	35	8
Malappuram	2264	2209	55	43
Kozhikode	3871	3847	24	13
Wayanad	1970	1953	17	1
Kannur	2497	2459	38	9
Kasaragod	1335	1130	205	43
<b>Total</b>	<b>34447</b>	<b>33953</b>	<b>494</b>	<b>168</b>

**Annexure 2: Chronology of Positive cases**

Date	No. of patients	District	Present Status	Remarks
30.01.2020	1	Thrissur-1	Negative	Discharged
02.02.2020	1	Alappuzha-1	Negative	Discharged
03.02.2020	1	Kasaragod-1	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-2 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	Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-8 Kasaragod-7	Negative	Discharged
		Thiruvananthapuram-1	Positive	Expired
30.03.2020	32	Idukki-2 Kannur-11 Wayanad-2 Kasaragod-17	Negative	Discharged
31.03.2020	7	Kollam-1	Positive	Under treatment
		Thiruvananthapuram-2 Thrissur-1 Kannur-1 Kasaragod-2	Negative	Discharged
01.04.2020	24	Thiruvananthapuram-2 Ernakulam-3 Palakkad-1 Thrissur-2 Malappuram-2 Kannur-2 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 Alappuzha-1 Ernakulam-1 Palakkad-1 Kannur-1 Kasaragod-6	Negative	Discharged
05.04.2020	8	Kannur-1	Positive	Under treatment
		Pathanamthitta-1 Kozhikode-5 Kasaragod-1	Negative	Discharged
06.04.2020	13	Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -9	Negative	Discharged
07.04.2020	8	Kannur - 1	Positive	Under treatment
		Kollam - 1 Malappuram - 1 Kannur - 1 Kasaragod - 4	Negative	Discharged
08.04.2020	9	Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -4 Kasaragod - 1	Negative	Discharged
09.04.2020	12	Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -4 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Malappuram - 2 Kannur - 2 Kasaragod - 3	Negative	Discharged
11.04.2020	10	Kannur - 1	Positive	Under treatment
		Kozhikode - 1 Kannur-6 Kasaragod - 2	Negative	Discharged
12.04.2020	2	Kannur-1 Pathanamthitta-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
13.04.2020	3	Palakkad-1 Kannur-2	Negative	Discharged
14.04.2020	8	Kozhikkode-3 Kannur-4 Kasaragod-1	Negative	Discharged
15.04.2020	1	Kannur-1	Negative	Discharged
16.04.2020	7	Kozhikkode-2 Kannur-4 Kasaragod-1	Negative	Discharged
17.04.2020	1	Kozhikkode-1	Negative	Discharged
18.04.2020	4	Kannur-3 Kozhikkode-1	Negative	Discharged
19.04.2020	2	Kannur-1 Kasaragod-1	Negative	Discharged
20.04.2020	6	Kannur-6	Negative	Discharged
21.04.2020	19	Kollam-1 Palakkad-4 Malappuram-1 Kannur-10 Kasaragod-3	Negative	Discharged
22.04.2020	11	Kottayam-1 Kozhikkode-2 Kannur-7	Negative	Discharged
		Malappuram-1	Positive	Expired
23.04.2020	10	Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikkode-2	Negative	Discharged
24.04.2020	3	Kasaragod-3	Negative	Discharged
25.04.2020	7	Kollam-3 Kottayam-3 Kannur-1	Negative	Discharged
26.04.2020	11	Idukki-6 Kottayam-5	Negative	Discharged
27.04.2020	13	Kottayam-6 Idukki-4 Malappuram-1 Palakkad-1 Kannur-1	Negative	Discharged
28.04.2020	4	Kannur-3 Kasaragod-1	Negative	Discharged
29.04.2020	10	Thiruvananthapuram-2 Kollam-6 Kasaragod- 2 (Kannur native)	Negative	Discharged
30.04.2020	2	Malappuram-1 Kasaragod-1	Negative	Discharged
02.05.2020	2	Wayanad-1	Positive	Under treatment



Date	No. of patients	District	Present Status	Remarks
		Kannur-1	Negative	Discharged
05.05.2020	3	Wayanad-3	Positive	Under treatment
08.05.2020	1	Ernakulam-1	Positive	Under treatment
09.05.2020	2	Malappuram -2	Positive	Under treatment
10.05.2020	7	Wayanad-3 Thrissur-2 Ernakulam-1 Malappuram-1	Positive	Under treatment
11.05.2020	7	Kasaragod-4 Palakkad-1 Malappuram-1 Wayanad-1	Positive	Under treatment
12.05.2020	5	Malappuram-3 Pathanamthitta -1 Kottayam-1	Positive	Under treatment
13.05.2020	10	Malappuram-3 Palakkad-2 Wayanad-2 Kottayam-1 Kannur- 1 Kozhikode-1	Positive	Under treatment

- 534 persons have been tested positive till date since the outbreak in Kerala.
- 41 persons are currently under treatment.

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

District	No. of positive cases admitted	Other Districts
Kollam	2	
Pathanamthitta	1	
Kottayam	2	
Ernakulam	3	1Malappuram
Thrissur	2	
Palakkad	4	1Malappuram
Malappuram	6	
Kozhikode	2	1Malappuram
Wayanad	11	1Malappuram
Kannur	4	
Kasaragod	4	
<b>Total</b>	<b>41</b>	

**Annexure 4:Hotspots as on 13.05.2020**

<b>List of Local Self Governments for identification and notification of Containment Zones by District Disaster Management Authorities (vide Ltr. No. 40-3/2020-DM-I (A) dated 1-5-2020 of Ministry of Home Affairs, Government of India) as on 11-05-2020</b>			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Ernakulam	Edakkattuvayal	14
2	Idukki	Elappara	11, 12, 13
3	Idukki	Santhanpara	8
4	Idukki	Vandanmedu	12, 14
5	Kannur	Ezhome	All Wards
6	Kannur	Kadirur	All Wards
7	Kannur	Koothuparamba (M)	All Wards
8	Kannur	Kottayam Malabar	All Wards
9	Kannur	Kunnothuparamba	All Wards
10	Kannur	Mokeri	All Wards
11	Kannur	Panoor (M)	All Wards
12	Kannur	Pappinisseri	All Wards
13	Kannur	Pattiam	All Wards
14	Kannur	Peralasseri	All Wards
15	Kasargode	Chemnad	22
16	Kasargode	Chengala	17, 18
17	Kollam	Punaloor (M)	17
18	Kollam	Thrikkaruva	9, 10, 12, 13
19	Kottayam	Kottayam (M)	2, 18
20	Kottayam	Manarcadu	10, 16
21	Kottayam	Panchaikkadu	16
22	Kottayam	Velloor	5
23	Kozhikode	Kozhikode (C)	42, 43, 44, 45, 54, 55, 56
24	Palakkad	Kuzhalmannam	10, 11, 15
25	Palakkad	Thenkurissi	15, 12
26	Thiruvananthapuram	Neyyattinkara (M)	1, 2, 3, 4, 5, 37, 40, 41, 42, 43, 44
27	Thiruvananthapuram	Varkala (M)	16, 17
28	Wayanad	Ambalavayal	Mangodu Colony
29	Wayanad	Edavaka	All Wards
30	Wayanad	Mananthavady (M)	All Wards
31	Wayanad	Meenangadi	8, 9, 10, 17
32	Wayanad	Thirunelli	All Wards
33	Wayanad	Vellamunda	9, 10, 11, 12
34	Wayanad	Nenmeni	

- Guidelines No. 31/F2/2020/Health dated 31-3-2020
- Containment zones will be the wards specified against the 'LSG Needing Special Attention' as per the directions dated 4-5-2020.
- Deletions will be considered after weekly review on 14-5-2020

**\*As per Report from Secretary KSDMA on 13.05.2020**