



**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. Railway Surveillance guidelines.
2. Advisory on COVID-19 sentinel surveillance activity using RT-PCR.
3. Advisory on RT-PCR pooled testing for COVID-19
4. Testing guideline with respect to sentinel surveillance, follow up testing for positive cases. G.O.(Rt)No.857/2020/H&FWD
5. Detailed advisory regarding home quarantine. G.O.(Rt)No.857/2020/H&FWD

**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:17/05/2020

WHO has declared the COVID-19 epidemic affecting **216** 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

- **62529** persons are placed under surveillance, out of which **61855** are under home isolation and **674** are admitted in designated isolation facilities.

### Sample Testing

- Till date **45027** samples (including augmented samples) have been sent for testing out of which **43200** came as negative.
- Apart from above, **5009** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **4764** samples tested negative.

### Test Results

- Total confirmed cases under treatment till yesterday were **87**.
- **14** new COVID-19 positive cases have been declared today of which 4 are from Malappuram, 2 each from Palakkad, Kozhikode and Kannur, and 1 each from Kollam, Ernakulam(Uttar Pradesh Native), Thrissur and Kasaragod.
- At present, **101 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 2,63,190 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 8,26,153 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	3837	3793	44	11
Kollam	3035	3031	4	4
Pathanamthitta	2444	2432	12	5
Idukki	2750	2746	4	0
Kottayam	3455	3447	8	2
Alappuzha	2647	2635	12	2
Ernakulam	5385	5353	32	8
Thrissur	5533	5502	31	13
Palakkad	7306	7263	43	11
Malappuram	8524	8424	100	51
Kozhikode	5602	5567	35	16
Wayanad	2445	2415	30	7
Kannur	6442	6398	44	9
Kasaragod	3124	2849	275	20
<b>Total</b>	<b>62529</b>	<b>61855</b>	<b>674</b>	<b>159</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
26.03.2020	19	Kannur-9 Idukki-1 Kasaragod-3 Malappuram-3 Thrissur-2 Wayanad-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
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	Thiruvananthapuram-2 Kollam-1 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	Thiruvananthapuram-1 Kollam-2 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	Pathanamthitta-1 Kozhikode-5 Kannur-1 Kasaragod-1	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
06.04.2020	13	Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -9	Negative	Discharged
07.04.2020	8	Kollam - 1 Malappuram - 1 Kannur - 2 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	Kozhikode - 1 Kannur-7 Kasaragod - 2	Negative	Discharged
12.04.2020	2	Kannur-1 Pathanamthitta-1	Negative	Discharged
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	Kozhikode-2 Kannur-4 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	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 Kozhikode-2 Kannur-7 Malappuram-1	Negative Positive	Discharged Expired

Date	No. of patients	District	Present Status	Remarks
23.04.2020	10	Thiruvananthapuram - 1 Kollam-1 Kottayam-2 Idukki-4 Kozhikode-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 Kannur-1	Positive Negative	Under treatment Discharged
05.05.2020	3	Wayanad-1 Wayanad-2	Positive Negative	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
14.05.2020	26	Kasaragod-10 Malappuram-5 Palakkad-3 Wayanad-3 Kannur-2 Pathanamthitta-1 Idukki-1 Kozhikode-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
15.05.2020	16	Wayanad-5 Malappuram-4 Alappuzha-2 Kozhikode-2 Kollam-1 Palakkad-1 Kasaragod-1	Positive	Under treatment
16.05.2020	11	Thrissur- 4 Kozhikode-3 Palakkad-2 Malappuram-2	Positive	Under treatment
17.05.2020	14	Malappuram -4 Kozhikode -2 Kannur-2 Palakkad -2 Kollam-1 Ernakulam-1 Thrissur -1 Kasaragod -1	Positive	Under treatment
<ul style="list-style-type: none"> <li>601 persons have been tested positive till date since the outbreak in Kerala.</li> <li>101 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	1	
Pathanamthitta	2	
Alappuzha	2	
Kottayam	2	
Idukki	1	
Ernakulam	6	1 Kollam,1Palakkad,1Malappuram, 1 Uttar Pradesh native
Thrissur	6	
Palakkad	12	1 Thrissur,1Malappuram
Malappuram	21	
Kozhikode	11	1Malappuram, 1 Kasaragod
Wayanad	17	1Malappuram
Kannur	6	1 Kasaragod
Kasaragod	14	
<b>Total</b>	<b>101</b>	

### DISTRICT WISE LIST OF PASSENGERS(excluding other State Passengers updated upto 17.05.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	3467	1920	1457	90	718	383	467
Sea port	1033	454	576	3	34	3	5
Check post	55086	44012	11011	63	1110	876	-
Railway	1026	1006	20	0	-	-	-
<b>Total</b>	<b>60612</b>	<b>47392</b>	<b>13064</b>	<b>156</b>	<b>1862</b>	<b>1262</b>	<b>472</b>

**Annexure 4:Hotspots as on 17.05.2020**

<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 17-05-2020</b>			
<b>Sl. No.</b>	<b>District</b>	<b>LSGs needing special attention</b>	<b>Containment Zones</b>
1	Kannur	Kadirur	5
2	Kannur	Pattiam	8, 9
3	Kannur	Kelakom	9
4	Kannur	Mattanur (M)	28
5	Kasargode	Paivalike	3, 4
6	Kasargode	Mangalpady	
7	Kasargode	Kallar	4
8	Kasargode	Nileshwar (M)	17
9	Kasargode	Kasargod (M)	4, 32
10	Kasargode	Kumbala	9
11	Thrissur	Punnayurkulam	
12	Kottayam	Uzhavoor	
13	Wayanad	Ambalavayal	Mangot Colony
14	Wayanad	Edavaka	All Wards
15	Wayanad	Mananthavady (M)	All Wards
16	Wayanad	Meenangadi	7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, Thachambathu Colony
17	Wayanad	Thirunelli	All Wards
18	Wayanad	Vellamunda	All Wards
19	Wayanad	Nenmeni	9, 10, 11, 12
20	Wayand	Thavinjal	6
21	Wayanad	Panamaram	1, 2
22	Idukki	Vandanmed	8, 9, 11, 12, 14, 15
23	Idukki	Karunapuram	12, 13
<ul style="list-style-type: none"> <li>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 Suggested deletions in Yellow. Deletions will be considered after weekly review on 21-5-2020</li> </ul>			

<b>Additions as on 17-5-2020</b>		
1	Wayanad	Panamaram

**\*As per Report from Secretary KSDMA on 17.05.2020**