



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:21/05/2020

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

- **80138** persons are placed under surveillance, out of which **79611** are under home/institutional quarantine and **527** are admitted in designated isolation facilities.

Sample Testing

- Till date **49833** samples (including augmented samples) have been sent for testing out of which **48276** came as negative.
- Apart from above, **6540** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **6265** samples tested negative.

Test Results

- Total confirmed cases under treatment till yesterday were **161**.
- **24** new COVID-19 positive cases have been declared today of which 5 are from Malappuram, 4 from Kannur, 3 each from Kottayam and Thrissur, 2 each from Thiruvananthapuram, Kollam, and Alappuzha and 1 each from Idukki, Palakkad and Kasaragod.
- Test results of **8** COVID patients under treatment have been declared negative out of which 5 are from Wayanad (1 Malappuram native) and 1 each from Kottayam, Ernakulam (Malappuram native), and Kozhikode.
- At present, **177 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 26th 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 2,83,010 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 8,56,636 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) 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/institutional quarantine as on today	No. of symptomatic persons hospitalized as on today	No. of persons hospitalized today
Thiruvananthapuram	5345	5284	61	18
Kollam	4142	4132	10	3
Pathanamthitta	3401	3383	18	6
Idukki	3693	3688	5	1
Kottayam	4741	4733	8	1
Alappuzha	3512	3489	23	5
Ernakulam	7065	7025	40	14
Thrissur	7050	7009	41	12
Palakkad	8990	8943	47	8
Malappuram	9604	9530	74	33
Kozhikode	6948	6901	47	22
Wayanad	2929	2906	23	2
Kannur	8569	8473	96	26
Kasaragod	4149	4115	34	2
Total	80138	79611	527	153

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	Negative	Discharged
		Malappuram-1	Positive	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 Discharged
08.05.2020	1	Ernakulam-1	Positive	Under treatment
09.05.2020	2	Malappuram -2	Positive	Under treatment
10.05.2020	7	Wayanad-2 Ernakulam-1 Malappuram-1 Thrissur-2 Wayanad-1	Positive Negative	Under treatment Discharged
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 Negative	Under treatment
13.05.2020	10	Malappuram-3 Palakkad-2 Wayanad-1 Kottayam-1 Kozhikode-1 Wayanad-1 Kannur- 1	Positive Negative	Under treatment Discharged
14.05.2020	26	Kasaragod-10 Malappuram-5 Palakkad-3 Kannur-2 Pathanamthitta-1 Idukki-1 Kozhikode-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Wayanad-3 Kasaragod-1	Negative	Discharged
15.05.2020	16	Wayanad-4 Malappuram-4 Alappuzha-2 Kozhikode-2 Kollam-1 Palakkad-1 Kasaragod-1	Positive	Under treatment
		Wayanad-	Negative	
16.05.2020	11	Thrissur- 4 Kozhikode-3 Palakkad-2 Malappuram-2	Positive	Under treatment
17.05.2020	14	Malappuram -4 Kozhikode -1 Kannur-2 Palakkad -2 Kollam-1 Ernakulam-1 Thrissur -1 Kasaragod -1	Positive	Under treatment
		Kozhikode -1	Negative	
18.05.2020	29	Kollam-6 (Thiruvananthapuram-1) Thrissur-4 Thiruvananthapuram-3 Kannur-3 Pathanamthitta-2 Alappuzha-2 Kottayam-2 Kozhikode-2 Kasaragod-2 Ernakulam-1 Palakkad-1 Malappuram-1	Positive	Under treatment
19.05.2020	12	Kannur-5 Malappuram-3 Pathanamthitta-1 Alappuzha-1 Thrissur-1 Palakkad-1	Positive	Under treatment
20.05.2020	24	Palakkad-7 Malappuram-4 Kannur-3 Thiruvananthapuram-2 Pathanamthitta-2 Thrissur-2 Alappuzha-1 Ernakulam-1 Kozhikode-1 Kasaragod-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
21.05.2020	24	Malappuram-5 Kannur-4 Kottayam-3 Thrissur-3 Thiruvananthapuram-2 Kollam-2 Alappuzha-2 Idukki-1 Palakkad-1 Kasaragod-1	Positive	Under treatment
<ul style="list-style-type: none"> 690 persons have been tested positive till date since the outbreak in Kerala. 177 persons are currently under treatment. 				

Annexure 3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	9	2 Kollam
Kollam	6	
Pathanamthitta	7	
Alappuzha	7	
Kottayam	7	1 Thiruvananthapuram
Idukki	2	
Ernakulam	9	1 Kollam, 2 Palakkad, 1 Thrissur, 1 Uttar Pradesh native
Thrissur	13	
Palakkad	21	1 Thrissur, 1 Malappuram
Malappuram	35	1 Alappuzha
Kozhikode	14	1 Malappuram, 1 Kannur, 1 Kasaragod
Wayanad	11	
Kannur	21	2 Kasaragod
Kasaragod	15	
Total	177	

Annexure 4: Details of Passengers (excluding other State Passengers updated upto 21.05.2020)

Travel	Total passengers	Home quarantined	Institution quarantined	Passengers in isolation	Pregnant	Old age	Children less than 10
Air port	5495	2861	2515	119	1068	185	693
Sea port	1621	514	1101	6	34	3	24
Check post	68844	60168	8606	70	1606	1294	-
Railway	2136	2103	32	1	-	-	-
Total	78096	65646	12254	196	2708	1482	717

Annexure 5: Hotspots as on 21.05.2020

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 21-05-2020			
Sl. No.	District	LSGs needing special attention	Containment Zones
1	Kannur	Kadirur	5
2	Kannur	Pattiam	8, 9
3	Kannur	Kelakom	9
4	Kannur	Mattanur (M)	28
5	Kannur	Chokli	9
6	Kannur	Panoor (M)	32
7	Kannur	Mayyil	1
8	Kannur	Dharmadam	13
9	Kasargode	Paivalike	3, 4
10	Kasargode	Kallar	4
11	Kasargode	Kasargod (M)	4
12	Wayanad	Mananthavady (M)	All Wards
13	Wayanad	Thirunelli	All Wards
14	Wayanad	Edavaka	All Wards
15	Wayanad	Meenanghadi	7, 10, 11, 13, 14, 15, 16, 18
16	Wayand	Thavinjal	6
17	Wayanad	Nenmeni	7, 8, 9, 10, 11, 12, 13, 14
18	Wayanad	Panamaram	1, 2
19	Idukki	Vandanmed	8, 9, 11, 12, 14, 15
20	Idukki	Karunapuram	12, 13
21	Palakkad	Kadampazhipuram	2, 11, 18
22	Palakkad	Muthuthala	10
23	Palakkad	Karakurishi	6
24	Palakkad	Kottayi	4
25	Palakkad	Muthalamada	15, 16, 19, 20
26	Palakkad	Threkkaderi	4, 10
27	Palakkad	Sreekrishnapuram	5
28	Kollam	Kalluvathukkal	All Wards
<ul style="list-style-type: none"> • 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 28-5-2020 			

Additions on 21-5-2020		
1	Palakkad	Threkkaderi
2	Palakkad	Sreekrishnapuram
3	Kannur	Dharmadam

***As per Report from Secretary KSDMA on 21.05.2020**