



**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 to COVID19 affected countries or person with contact with such a traveler, whether they are having symptoms or not, must remain in home isolation. Do frequent hand washing with soap and water. Avoid social greetings by touching, like hugs or handshake. Don't touch your face, nose and eyes. Use handkerchief while coughing/ sneezing. Use masks, only if you are taking a care of a person with suspected COVID-19 infection, or if you have symptoms. Those who are wearing masks should know how to use and dispose it properly. N95 masks should not be worn by the public. It is advisable for all to use masks during the COVID 19 pandemic season.

- Training and IEC videos prepared by the department are available on “Kerala Health Online Training” YouTube channel of the Directorate of Health Services (<https://www.youtube.com/c/keralahealthonlinetraining>).

Guidelines

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

Advisory for Ensuring TB services in Kerala in the context of COVID-19, COVID-19 Antibody testing(IgG and IgM) in the private sector in Kerala COVID-19 Guideline for human resource management in COVID hospitals, Addendum to revised guidelines for Testing, Quarantine, Hospital admission and discharge for COVID-19 based on current risk assessment grid published on 12.03.20, Reference guide for converting hospitals in to dedicated COVID hospitals, Advisory for patient admission to COVID care center, Advisory for patient admission to COVID first line treatment centre, Advisory for infection control precautions to be adopted in dental care settings, Guidelines for distribution of laboratories, Guidelines on rational use of PPE, Advisory on using rapid diagnostic kits for COVID-19 diagnosis and surveillance, Advisory for Residents association, Interim treatment guidelines, Guidelines for routine vaccination, Advisory for pregnancy and labour management and the Quarantine of Health care workers who are asymptomatic secondary contacts.

Date: 23/04/2020

WHO has declared the COVID-19 epidemic affecting **213** countries, areas or territories as a Pandemic. Considering the increase in number of cases, COVID 19 has been re-notified as a state specific disaster on 20.03.2020. Kerala state has strengthened the surveillance and control measures against the disease in view of the same.

Home/Hospital Isolation

- **23876** persons are placed under surveillance, out of which **23439** are under home isolation and **437** are admitted in designated isolation facilities.

Sample Testing

- Till date **21334** samples of suspect cases have been sent for testing out of which **20326** came as negative.

Test Results

- Total confirmed cases under treatment till yesterday were **127**.
- **10** persons have been declared positive today out of which 4 from Idukki, 2 from Kozhikode and Kottayam, 1 each from Thiruvananthapuram and Kollam .
- Test results of 8 COVID patients under treatment have been declared negative out of which 6 cases are from Kasaragod and 1 each from Malappuram and Kannur.
- As of now **129 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

- 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 centers will also accommodate the Keralite returning from various states in India.
- For providing psychosocial support, **1064** Personnel are working and have provided tele-counselling to **2,16,872** 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 Corona Outbreak control activities. A total of **5,45,710** Tele-counselling calls have been given to all such categories till date. Coordination of Community Deaddiction is also being done.

- Home isolation 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	1489	1445	44	23
Kollam	1509	1485	24	6
Pathanamthitta	697	690	7	1
Idukki	1336	1332	4	1
Kottayam	157	156	1	1
Alappuzha	1858	1855	3	1
Ernakulam	152	139	13	5
Thrissur	814	803	11	7
Palakkad	3332	3281	51	21
Malappuram	2465	2395	70	42
Kozhikode	2770	2734	36	15
Wayanad	1579	1572	7	3
Kannur	2592	2482	110	20
Kasaragod	3126	3070	56	2
Total	23876	23439	437	148

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 -3 Ernakulam -2 (Kannur native)	Negative	Discharged
		Pathanamthitta- 1	Positive	Under treatment
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-1	Positive	Under treatment
		Ernakulam- 5 Kasaragod-6	Negative	Discharged
21.03.2020	12	Ernakulam-1	Positive	Under treatment
		Ernakulam-2 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	Positive	Under treatment
		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
26.03.2020	19	Malappuram-1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kannur-9 Idukki-1 Kasaragod-3 Malappuram-2 Thrissur-2 Wayanad-1	Negative	Discharged
27.03.2020	39	Kasaragod-3	Positive	Under treatment
		Kollam-1 Thrissur-1 Kozhikode-1 Kannur-2 Kasaragod-31	Negative	Discharged
28.03.2020	6	Thiruvananthapuram-2 Kollam-1 Palakkad-1 Malappuram-1 Kasaragod-1	Negative	Discharged
29.03.2020	20	Kannur-2	Positive	Under treatment
		Thiruvananthapuram-1	Positive	Expired
		Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-6 Kasaragod-7	Negative	Discharged
30.03.2020	32	Kasaragod-3 Kannur-3 Wayanad-1	Positive	Under treatment
		Idukki-2 Kannur-8 Wayanad-1 Kasaragod-14	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	Positive	Under treatment
		Thrissur-1 Kannur-1 Kasaragod-5	Negative	Discharged
04.04.2020	11	Kollam-1 Ernakulam-1	Positive	Under treatment
		Alappuzha-1 Palakkad-1 Kannur-1 Kasaragod-6	Negative	Discharged
05.04.2020	8	Kozhikode-1 Kannur-1 Kasaragod-1	Positive	Under treatment
		Pathanamthitta-1 Kozhikode-4	Negative	Discharged
06.04.2020	13	Kasaragod - 1	Positive	Under treatment
		Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -8	Negative	Discharged
07.04.2020	8	Kannur - 2 Malappuram - 1 Kollam - 1	Positive	Under treatment
		Kasaragod - 4	Negative	Discharged
08.04.2020	9	Kannur - 4 Pathanamthitta- 1	Positive	Under treatment
		Alappuzha - 2 Thrissur - 1 Kasaragod - 1	Negative	Discharged
09.04.2020	12	Kannur - 3 Malappuram - 2 Kollam - 1 Thiruvananthapuram - 1	Positive	Under treatment
		Kannur - 1 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Kasaragod - 3 Kannur - 2 Malappuram - 1	Positive	Under treatment
		Malappuram - 1	Negative	Discharged
11.04.2020	10	Kasaragod - 2 Kannur - 2	Positive	Under treatment
		Kozhikode - 1 Kannur-5	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
12.04.2020	2	Pathanamthitta-1 Kannur-1	Positive	Under treatment
13.04.2020	3	Kannur-2	Positive	Under treatment
		Palakkad-1	Negative	
14.04.2020	8	Kannur- 4 Kozhikkode-3 Kasaragod-1	Positive	Under treatment
15.04.2020	1	Kannur-1	Positive	Under treatment
16.04.2020	7	Kannur-4 Kozhikkode-2 Kasaragod-1	Positive	Under treatment
17.04.2020	1	Kozhikkode-1	Positive	Under treatment
18.04.2020	4	Kannur-3 Kozhikkode-1	Positive	Under treatment
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-10 Palakkad-4 Kasaragod-3 Kollam-1 Malappuram-1	Positive	Under treatment
22.04.2020	11	Kannur-7 Kozhikkode-2 Kottayam-1 Malappuram-1	Positive	Under treatment
23.04.2020	10	Idukki-4 Kottayam-2 Kozhikkode-2 Thiruvananthapuram - 1 Kollam-1	Positive	Under treatment

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

Annexure -3: District wise distribution based on hospital admission

District	No. of positive cases admitted	Other Districts
Thiruvananthapuram	2	
Kollam	7	
Pathanamthitta	6	
Kottayam	3	
Idukki	4	
Ernakulam	2	1 Malappuram
Palakkad	6	1 Malappuram
Malappuram	5	-
Kozhikkode	15	1Malappuram,1 Kannur
Wayanad	1	
Kannur	59	1 Kasaragod
Kasaragod	19	
Total	129	

Annexure -4: Revised Hotspot List

Hotspots as on 23-04-2020		
Sl. No	District	LSG
1	Wayanad	Muppainadu Panchayat
2	Thiruvananthapuram	Thiruvananthapuram Corporation
3	Pathanamthitta	Aranmula Panchayat
4	Pathanamthitta	Ayroom Panchayat
5	Pathanamthitta	Chittar Panchayat
6	Pathanamthitta	Adoor Municipality
7	Pathanamthitta	Pathanamthitta Municipality
8	Pathanamthitta	Vadasserikkara Panchayat
9	Palakkad	Karakurissi Panchayat
10	Palakkad	Thirumittacode Panchayat
11	Palakkad	Puduperiyaram
12	Palakkad	Vilavur
13	Palakkad	Kottoppadam Panchayat
14	Palakkad	Kuzhalmannam
15	Palakkad	Pudusserry
16	Palakkad	Kanjirappuzha
17	Malappuram	Vengara Panchayat
18	Malappuram	Chungathara Panchayat
19	Malappuram	Thennala Panchayat
20	Malappuram	Ozhur Panchayat
21	Malappuram	Thalakkad Panchayat
22	Malappuram	Kannamangalam Panchayat
23	Malappuram	A.R Nagar Panchayat
24	Malappuram	Manjeri (M)
25	Kozhikode	Edacheri Panchayat
26	Kozhikode	Azhiyur Panchayat
27	Kozhikode	Vadakara (M)
28	Kozhikode	Kozhikkode Corporation
29	Kozhikode	Eramala
30	Kozhikode	Changaroath
31	Kozhikode	Kodanchery
32	Kollam	Nilamel Panchayat
33	Kollam	Punaloor Municipality
34	Kollam	Thrikkaruva Panchayat
35	Kollam	Kulathupuzha
36	Kasaragod	Mogral Puthur Panchayat
37	Kasaragod	Chengala Panchayat
38	Kasaragod	Chemnad Panchayat
39	Kasaragod	Kasargode Municipality
40	Kasaragod	Muliyar Panchayat
41	Kasaragod	Kanjangade Municipality
42	Kasaragod	Madhur Panchayat

43	Kasaragod	Kumbala
44	Kannur	Pattiam Panchayat
45	Kannur	Koothuparamba (M)
46	Kannur	Madayi Panchayat
47	Kannur	Kottayam (M)
48	Kannur	Naduvil Panchayat
49	Kannur	Mokeri
50	Kannur	Peralasseri Panchayat
51	Kannur	Kunnothuparamba Panchayat
52	Kannur	Panniyannur Panchayat
53	Kannur	Payyannur Municipality
54	Kannur	Panoor Municipality
55	Kannur	Mattool Panchayat
56	Kannur	Pappinisseri Panchayat
57	Kannur	Chembilode Panchayat
58	Kannur	Thalassery Municipality
59	Kannur	Kadirur
60	Kannur	Iritty Municipality
61	Kannur	Ezhome Panchayat
62	Kannur	Chittariparamba Panchayat
63	Kannur	Chapparapadavu
64	Kannur	New Mahe Panchayat
65	Kannur	Chengalayi
66	Kannur	Kanichar
67	Kannur	Kolayad
68	Kannur	Koodali
69	Kannur	Muzhappilangad
70	Kannur	Eruvassey
71	Kannur	Mangattidam
72	Idukki	Idukki Kanjikuzhy Panchayat
73	Idukki	Mariyapuram Panchayat
74	Idukki	Bisonvalley Panchayat
75	Idukki	Senapathy Panchayat
76	Idukki	Thodupuzha
77	Ernakulam	Cochin Corporation

Additions to Hotspots as on 23-04-2020		
1	Malappuram	Manjeri (M)
2	Kozhikode	Vadakara (M)
3	Kozhikode	Kodanchery
4	Kannur	Kadirur
5	Kannur	Chengalayi
6	Kannur	Kanichar
7	Kannur	Kolayad

***As per report from Secretary SDMA**