



COVID-19 OUTBREAK CONTROL AND PREVENTION STATE CELL
HEALTH & FAMILY WELFARE DEPARTMENT
GOVT. OF KERALA

Website:www.dhs.kerala.gov.in

Email:controlroomdhskerala@gmail.com

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 Gene Xpert / 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: 29/04/2020

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

Home/Hospital Isolation

- **20673** persons are placed under surveillance, out of which **20172** are under home isolation and **501** are admitted in designated isolation facilities.

Sample Testing

- Till date **24952** samples of suspect cases have been sent for testing out of which **23880** came as negative.
- **875** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **801** samples tested negative.
- As part of augmented testing **3101** samples taken from general population on 26.04.2020 and was processed in 14 accredited government labs. Out of this 2682 has turned negative. 3 results have been declared positive. Labs have recommended that 25 samples (8 rejected samples) need to be retested.

Test Results

- Total confirmed cases under treatment till yesterday were **123**.
- **10** persons have been declared positive today, of which 6 are from Kollam, 2 from Thiruvananthapuram, 2 from Kasargod.
- Test results of **10** COVID patients under treatment have been declared negative out of which 3 each are from Kozhikode, Kannur, and Kasaragod and 1 from Pathanamthitta.
- At present, **123 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 psychosocial support, 1069 Personnel are working and have provided tele-counselling to 2,23,918 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 6,48,719 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	2058	2030	28	5
Kollam	1207	1171	36	4
Pathanamthitta	215	206	9	2
Idukki	1584	1559	25	3
Kottayam	1256	1238	18	0
Alappuzha	1317	1315	2	0
Ernakulam	766	748	18	1
Thrissur	912	890	22	6
Palakkad	3253	3190	63	15
Malappuram	1554	1464	90	20
Kozhikode	1125	1077	48	6
Wayanad	815	804	11	2
Kannur	2681	2579	102	19
Kasaragod	1930	1901	29	1
Total	20673	20172	501	84

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	Palakkad-1 Pathanamthitta-2	Positive	Under treatment
		Idukki-1 Ernakulam-3 Palakkad-1 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-2	Positive	Under treatment
		Idukki-2 Kannur-9 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	Kasaragod-1	Positive	Under treatment
		Thrissur-1 Kannur-1 Kasaragod-6	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	Kannur-1 Kasaragod-1	Positive	Under treatment
		Pathanamthitta-1 Kozhikode-5	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 Kollam - 1	Positive	Under treatment
		Malappuram - 1 Kasaragod - 4	Negative	Discharged
08.04.2020	9	Kannur - 3	Positive	Under treatment
		Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur - 1 Kasaragod - 1	Negative	Discharged
09.04.2020	12	Kannur - 3	Positive	Under treatment
		Thiruvananthapuram - 1 Kollam - 1 Malappuram - 2 Kannur - 1 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Kasaragod - 2 Kannur - 2	Positive	Under treatment
		Malappuram - 2 Kasaragod - 1	Negative	Discharged
11.04.2020	10	Kannur - 1	Positive	Under treatment

Date	No. of patients	District	Present Status	Remarks
		Kozhikode - 1 Kannur-6 Kasaragod - 2	Negative	Discharged
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	
15.04.2020	1	Kannur-1	Positive	Under treatment
16.04.2020	7	Kannur-3 Kasaragod-1	Positive	Under treatment
		Kozhikode-2 Kannur-1	Negative	
17.04.2020	1	Kozhikode-1	Negative	
18.04.2020	4	Kannur-2	Positive	Under treatment
		Kannur-1 Kozhikode-1	Negative	
19.04.2020	2	Kannur-1 Kasaragod-1	Positive	Under treatment
20.04.2020	6	Kannur-3	Positive	Under treatment
		Kannur-3	Negative	
21.04.2020	19	Kannur-5 Palakkad-4 Kollam-1 Malappuram-1	Positive	Under treatment
		Kannur-5 Kasaragod-3	Negative	
22.04.2020	11	Kannur-6 Kozhikode-2 Kottayam-1	Positive	Under treatment
		Malappuram-1	Positive	Expired
		Kannur-1	Negative	
23.04.2020	10	Idukki-4 Kottayam-2 Kozhikode-2 Kollam-1	Positive	Under treatment
		Thiruvananthapuram - 1	Negative	
24.04.2020	3	Kasaragod-3	Positive	Under treatment
25.04.2020	7	Kottayam-3 Kollam-3 Kannur-1	Positive	Under treatment
26.04.2020	11	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 Kasargod - 2	Positive	Under treatment
<ul style="list-style-type: none"> 495 persons have been tested positive till date since the outbreak in Kerala. 123 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	15	
Pathanamthitta	2	
Kottayam	18	1 Idukki
Idukki	14	1 Palakkad
Ernakulam	1	
Palakkad	6	1 Malappuram
Malappuram	1	
Kozhikode	5	1 Kannur
Kannur	47	1 Kasaragod
Kasaragod	12	
Total	123	

Annexure 4:Hotspots as on 28.04.2020

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

43	Kannur	Thalassery (M)
44	Kasaragod	Kanjangade (M)
45	Kasaragod	Kasargode (M)
46	Kasaragod	Kumbala
47	Kasaragod	Madhur
48	Kasargode	Ajanur
49	Kasargode	Chemnad
50	Kasargode	Chengala
51	Kasargode	Mogral Puthur
52	Kasargode	Muliyar
53	Kollam	Chathannoor
54	Kollam	Kulathupuzha
55	Kollam	Nilamel
56	Kollam	Punaloor (M)
57	Kollam	Sasthamcotta
58	Kollam	Thrikkaruva
59	Kottayam	Ayarkunnam
60	Kottayam	Aymanam
61	Kottayam	Changanacherry (M)
62	Kottayam	Kottayam (M)
63	Kottayam	Manarcadu
64	Kottayam	Melukavu
65	Kottayam	Panchaikkadu
66	Kottayam	Thalayolaparambu
67	Kottayam	Velloor
68	Kottayam	Vijayapuram
69	Kozhikode	Azhiyur
70	Kozhikode	Changaroath
71	Kozhikode	Edacheri
72	Kozhikode	Eramala
73	Kozhikode	Kodencheri
74	Kozhikode	Kozhikode (C)
75	Kozhikode	Vadakara (M)
76	Malappuram	A.R Nagar
77	Malappuram	Chungathara
78	Malappuram	Kaladi
79	Malappuram	Kannamangalam
80	Malappuram	Manjeri (M)
81	Malappuram	Ozhur
82	Malappuram	Thalakkad
83	Malappuram	Thennala
84	Malappuram	Vengara
85	Palakkad	Alathur
86	Palakkad	District Hospital
87	Palakkad	Kanjirappuzha
88	Palakkad	Kottoppadam
89	Palakkad	Kuzhalmannam

90	Palakkad	Puduppariyaram
91	Palakkad	Pudusserry
92	Palakkad	Thirumittacode
93	Palakkad	Vilayur
94	Pathanamthitta	Adoor (M)
95	Pathanamthitta	Aranmula
96	Pathanamthitta	Ayroom
97	Pathanamthitta	Chittar
98	Pathanamthitta	Pathanamthitta (M)
99	Pathanamthitta	Vadasserikkara
100	Thiruvananthapuram	Thiruvananthapuram (C)
101	Thiruvananthapuram	Varakala (M)
102	Wayanad	Muppainadu
<ul style="list-style-type: none"> • Baseline data as on 16-04-2020, the first date of this exercise. Totals used for scaling of each parameter are as on 16-04-2020 • Relevant provisions of GO (Ms) No. 80/2020/GAD dated 23-04-2020 will be applicable to all Hotspots • In the Municipalities and City Corporations listed above as hotspots, the District Disaster Management Authority is empowered to decide and notify the wards/divisions wherein total lock down may prevail 		

Additions to Hotspots as on 29-04-2020		
1	Idukki	Vandiperiyar
2	Kasargode	Ajanur

***As per Report from Secretary KSDMA on 29.04.2020**