



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 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 GeneXpert/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:28/04/2020

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

- **20773** persons are placed under surveillance, out of which **20255** are under home isolation and **518** are admitted in designated isolation facilities.

Sample Testing

- Till date **23980** samples of suspect cases have been sent for testing out of which **23277** 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**.
- **4** person have been declared positive today, of which 3 are from Kannur, and 1 from Kasaragod.
- Test results of **4** COVID patients under treatment have been declared negative out of which 2 each are from Kannur, and Kasaragod.
- 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, 1064 Personnel are working and have provided tele-counselling to 2,22,848 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 6,31,127 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	2075	2018	57	11
Kollam	1184	1148	36	3
Pathanamthitta	377	367	10	3
Idukki	1462	1439	23	8
Kottayam	1040	1021	19	7
Alappuzha	1353	1351	2	1
Ernakulam	758	736	22	10
Thrissur	897	878	19	2
Palakkad	3378	3318	60	14
Malappuram	1867	1797	70	60
Kozhikode	1021	968	53	16
Wayanad	851	842	9	4
Kannur	2552	2449	103	10
Kasaragod	1958	1923	35	2
Total	20773	20255	518	151

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 Thrissur-1 Kannur-1 Kasaragod-6	Positive Negative	Under treatment Discharged
04.04.2020	11	Kollam-1 Ernakulam-1 Alappuzha-1 Palakkad-1 Kannur-1 Kasaragod-6	Positive Negative	Under treatment Discharged
05.04.2020	8	Kozhikode-1 Kannur-1 Kasaragod-1 Pathanamthitta-1 Kozhikode-4	Positive Negative	Under treatment Discharged
06.04.2020	13	Kasaragod - 1 Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -8	Positive Negative	Under treatment Discharged
07.04.2020	8	Kannur - 2 Kollam - 1 Malappuram - 1 Kasaragod - 4	Positive Negative	Under treatment Discharged
08.04.2020	9	Kannur - 3 Pathanamthitta- 1 Alappuzha - 2 Thrissur - 1 Kannur -1 Kasaragod - 1	Positive Negative	Under treatment Discharged
09.04.2020	12	Kannur - 3 Thiruvananthapuram - 1Kollam -1 Malappuram - 2 Kannur -1 Kasaragod - 4	Positive Negative	Under treatment Discharged
10.04.2020	7	Kasaragod - 3 Kannur - 2 Malappuram - 2	Positive Negative	Under treatment 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 Kozhikkode-2	Positive	Under treatment
		Kasaragod-1 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-6	Positive	Under treatment
21.04.2020	19	Kannur-5 Palakkad-4 Kasaragod-2 Kollam-1 Malappuram-1	Positive	Under treatment
		Kannur-5 Kasaragod-1	Negative	
22.04.2020	11	Kannur-6 Kozhikode-2 Kottayam-1	Positive	Under treatment
		Malappuram-1 Kannur-1	Positive Negative	Expired
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
<ul style="list-style-type: none"> • 485 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
Kollam	9	
Pathanamthitta	3	
Kottayam	18	1 Idukki
Idukki	13	
Ernakulam	1	
Palakkad	7	1 Malappuram
Malappuram	1	
Kozhikode	8	1 Kannur
Kannur	50	1 Kasaragod
Kasaragod	13	
Total	123	

Annexure 4:Hotspots as on 28.04.2020

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

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

90	Palakkad	Alathur
91	Palakkad	Kanjirappuzha
92	Pathanamthitta	Ayroor
93	Pathanamthitta	Aranmula
94	Pathanamthitta	Adoor (M)
95	Pathanamthitta	Chittar
96	Pathanamthitta	Vadasserikkara
97	Pathanamthitta	Pathanamthitta (M)
98	Thiruvananthapuram	Thiruvananthapuram (C)
99	Thiruvananthapuram	Varakala (M)
100	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 28-04-2020		
1	Idukki	Karunapuram
2	Idukki	Munnar
3	Idukki	Edavetty
4	Kottayam	Melukavu
5	Kottayam	Changanacherry (M)
6	Malappuram	Kaladi
7	Palakkad	Alathur

***As per Report from Secretary KSDMA on 28-4-2020**