



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:30/04/2020

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

- **20711** persons are placed under surveillance, out of which **20285** are under home isolation and **426** are admitted in designated isolation facilities.

Sample Testing

- Till date **25973** samples of suspect cases have been sent for testing out of which **25135** came as negative.
- **1508** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **897** samples tested negative.
- As part of augmented testing **3128** samples taken from general and was processed in 14 accredited government labs. Out of this 3089 has turned negative. 4 results declared positive till yesterday. 14 samples which the labs had recommended to retest is under processing. 21 samples were rejected.

Test Results

- Total confirmed cases under treatment till yesterday were **123**.
- **2** persons have been declared positive today, of which 1 each are from Malappuram and Kasaragod.
- Test results of **14** COVID patients under treatment have been declared negative out of which 4 are from Palakkad, 3 are from Kollam, 2 each from Kannur and Kasaragod and 1 each from Pathanamthitta, Malappuram and Kozhikode.
- At present, **111 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 2,25,397 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 6,65,927 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	2064	2010	54	13
Kollam	1373	1350	23	11
Pathanamthitta	139	134	5	0
Idukki	1592	1566	26	3
Kottayam	1393	1375	18	0
Alappuzha	1366	1365	1	0
Ernakulam	714	698	16	8
Thrissur	898	880	18	1
Palakkad	3158	3100	58	6
Malappuram	1524	1507	17	12
Kozhikode	1223	1181	42	15
Wayanad	820	807	13	4
Kannur	2683	2579	104	16
Kasaragod	1764	1733	31	6
Total	20711	20285	426	95

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	Pathanamthitta-1	Positive	Under treatment
		Pathanamthitta-1 Idukki-1 Ernakulam-3 Palakkad-2 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	Thrissur-1 Kannur-1 Kasaragod-7	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	Positive	Under treatment
		Kollam - 1 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 - 1Kollam -1 Malappuram - 2 Kannur -1 Kasaragod - 4	Negative	Discharged
10.04.2020	7	Kasaragod - 1 Kannur - 2	Positive	Under treatment
		Malappuram - 2 Kasaragod - 2	Negative	Discharged
11.04.2020	10	Kannur - 1	Positive	Under treatment
		Kozhikode - 1 Kannur-6 Kasaragod - 2	Negative	Discharged

Date	No. of patients	District	Present Status	Remarks
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	Discharged
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	Discharged
17.04.2020	1	Kozhikode-1	Negative	Discharged
18.04.2020	4	Kannur-2	Positive	Under treatment
		Kannur-1 Kozhikode-1	Negative	Discharged
19.04.2020	2	Kannur-1 Kasaragod-1	Positive	Under treatment
20.04.2020	6	Kannur-3	Positive	Under treatment
		Kannur-3	Negative	Discharged
21.04.2020	19	Kannur-3 Palakkad-1 Kollam-1	Positive	Under treatment
		Palakkad-3 Malappuram-1 Kannur-7 Kasaragod-3	Negative	Discharged
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-1	Positive	Under treatment
		Thiruvananthapuram - 1Kollam-1 Kozhikode-1	Negative	Discharged
24.04.2020	3	Kasaragod-3	Positive	Under treatment
25.04.2020	7	Kottayam-3 Kollam-3 Kannur-1	Positive	Under treatment
		Kollam-1	Negative	Discharged
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 Kasaragod- 2 (1 Kannur native)	Positive	Under treatment
30.04.2020	2	Malappuram-1 Kasaragod-1	Positive	Under treatment
<ul style="list-style-type: none"> 497 persons have been tested positive till date since the outbreak in Kerala. 111 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	12	
Pathanamthitta	1	
Kottayam	18	1 Idukki
Idukki	14	1 Palakkad
Ernakulam	1	
Palakkad	1	
Malappuram	2	
Kozhikode	4	1 Kannur
Kannur	47	2 Kasaragod
Kasaragod	9	
Total	111	

Annexure 4: Hotspots as on 30.04.2020

Hotspots as on 30-4-2020		
Sl. No.	District	LSG
1	Ernakulam	Cochin (C)

2	Idukki	Elappara
3	Idukki	Vandanmedu
4	Idukki	Vandiperiyar
5	Idukki	Vazahathoppu
6	Idukki	Senapathy
7	Idukki	Karunapuram
8	Idukki	Irattayar
9	Idukki	Edavetty
10	Idukki	Munnar
11	Idukki	Nedungandam
12	Kannur	Pattiam
13	Kannur	Koothuparamba (M)
14	Kannur	Peralasseri
15	Kannur	Kottayam Malabar (M)
16	Kannur	Mokeri
17	Kannur	Kunnothuparamba
18	Kannur	Panniyannur
19	Kannur	Panoor (M)
20	Kannur	Naduvil
21	Kannur	Madayi
22	Kannur	Pappinisseri
23	Kannur	Chengalai
24	Kannur	Kanichar
25	Kannur	Muzhappilangad
26	Kannur	Mattool
27	Kannur	Koodali
28	Kannur	Mangattidam
29	Kannur	Chittariparamba
30	Kannur	Kolayad
31	Kannur	Ezhome
32	Kannur	Kadirur
33	Kannur	New Mahe
34	Kannur	Payyannur (M)
35	Kasaragod	Kasargode (M)
36	Kasargode	Chengala
37	Kasargode	Chemnad
38	Kasargode	Muliyar
39	Kasargode	MogralPuthur
40	Kasargode	Ajanur
41	Kollam	Kulathupuzha
42	Kollam	Chathannoor
43	Kollam	Punaloor (M)
44	Kollam	Thrikkaruva
45	Kollam	Nilamel
46	Kollam	Ochira
47	Kollam	Thrikkovilvattom
48	Kollam	Sasthamcotta

49	Kottayam	Panchaikkadu
50	Kottayam	Vijayapuram
51	Kottayam	Manarcadu
52	Kottayam	Kottayam (M)
53	Kottayam	Velloor
54	Kottayam	Ayarkkunnam
55	Kottayam	Melukavu
56	Kottayam	Changanacherry (M)
57	Kottayam	Udayanapuram
58	Kottayam	Thalayolaparambu
59	Kottayam	Aymanam
60	Kozhikode	Kozhikode (C)
61	Kozhikode	Azhiyur
62	Kozhikode	Kodencheri
63	Kozhikode	Vadakara (M)
64	Malappuram	Kaladi
65	Malappuram	Manjeri (M)
66	Palakkad	Kuzhalmannam
67	Palakkad	Thirumittacode
68	Pathanamthitta	Aranmula
69	Thiruvananthapuram	Varakala (M)
70	Thiruvananthapuram	Neyyattinkara (M)

- Names of Local Self Governments which did not receive the desired weight has been deleted as per the criteria in GO (Ms) No. 68/2020/H&FWD dated 19-4-2020
- 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 on 30-04-2020		
1	Kollam	Ochira
2	Kollam	Thrikkovilvattom
3	Kottayam	Udayanapuram
4	Thiruvananthapuram	Neyyattinkara (M)

* As per Report from Secretary KSDMA on 30.04.2020