



**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:02/05/2020

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

- **21894** persons are placed under surveillance, out of which **21484** are under home isolation and **410** are admitted in designated isolation facilities.

Sample Testing

- Till date **31183** samples (including augmented samples) have been sent for testing out of which **30,358** came as negative.
- Apart from above, **2093** samples were taken from priority groups like health care workers, persons with high social exposure, workers etc. as part of Sentinel surveillance of which **1234** samples tested negative.

Test Results

- Total confirmed cases under treatment till yesterday were **102**.
- **Two** COVID 19 positive cases have been declared today of which one each are from Wayanad and Kannur.
- Test results of **8** COVID patients under treatment have been declared negative out of 6 are from Kannur and 2 from Idukki.
- At present, **96 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 2,28,596 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 6,94,806 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 | 2526 | 2462 | 64 | 11 |
| Kollam | 1692 | 1673 | 19 | 0 |
| Pathanamthitta | 152 | 145 | 7 | 2 |
| Idukki | 1645 | 1628 | 17 | 0 |
| Kottayam | 1665 | 1647 | 18 | 0 |
| Alappuzha | 1299 | 1294 | 5 | 0 |
| Ernakulam | 859 | 833 | 26 | 11 |
| Thrissur | 943 | 926 | 17 | 3 |
| Palakkad | 3085 | 3036 | 49 | 11 |
| Malappuram | 1610 | 1582 | 28 | 19 |
| Kozhikode | 1321 | 1287 | 34 | 11 |
| Wayanad | 790 | 780 | 10 | 2 |
| Kannur | 2543 | 2457 | 86 | 2 |
| Kasaragod | 1764 | 1734 | 30 | 8 |
| Total | 21894 | 21484 | 410 | 80 |

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-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 | Ernakulam-1 Thrissur-1 Palakkad-1 Malappuram-1 Kannur-8 Kasaragod-7 | Negative | Discharged |
| | | Thiruvananthapuram-1 | Positive | Expired |
| 30.03.2020 | 32 | Kannur-1 | Positive | Under treatment |
| | | Idukki-2 Kannur-10 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 | Positive | Under treatment |
| | | Alappuzha-1 Ernakulam-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 | Kollam- 1 Pathanamthitta- 1 Malappuram - 2 Kasaragod -9 | 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 - 1 | Positive | Under treatment |
| | | Thiruvananthapuram - 1 Kollam -1 Malappuram - 2 Kannur -3 Kasaragod - 4 | Negative | Discharged |
| 10.04.2020 | 7 | Malappuram - 2 Kannur - 2 Kasaragod - 3 | 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-1 | Positive | Under treatment |
| | | Palakkad-1 Kannur-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 | Positive | Under treatment |
| | | Kozhikode-2 Kannur-1 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 | Positive | Under treatment |
| | | Kasaragod-1 | Negative | Discharged |
| 20.04.2020 | 6 | Kannur-1 | Positive | Under treatment |
| | | Kannur-5 | 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-2 Kottayam-2 Kozhikode-1 | Positive | Under treatment |
| | | Thiruvananthapuram - 1 Kollam-1 Idukki-2 Kozhikode-1 | Negative | Discharged |
| 24.04.2020 | 3 | Kasaragod-2 | Positive | Under treatment |
| | | Kasaragod-1 | Negative | |
| 25.04.2020 | 7 | Kottayam-3 Kollam-2 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 |
| 01.05.2020 | 0 | - | Positive | Under treatment |
| 02.05.2020 | 2 | Wayanad-1 Kannur-1 | Positive | Under treatment |
| <ul style="list-style-type: none"> • 499 persons have been tested positive till date since the outbreak in Kerala. • 96 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 | 12 | 1 Palakkad |
| Palakkad | 1 | |
| Malappuram | 2 | |
| Kozhikode | 4 | 1 Kannur |
| Wayanad | 1 | |
| Kannur | 38 | 2 Kasaragod |
| Kasaragod | 5 | |
| Total | 96 | |

Annexure 4:Hotspots as on 02.05.2020

| Hotspots as on 2-05-2020 | | |
|--------------------------|-----------|----------------------|
| Sl. No. | District | LSG |
| 1 | Ernakulam | Cochin (C) |
| 2 | Idukki | Elappara |
| 3 | Idukki | Vandanmedu |
| 4 | Idukki | Vandiperiyar |
| 5 | Idukki | Vazahathoppu |
| 6 | Idukki | Karunapuram |
| 7 | Idukki | Irattayar |
| 8 | Idukki | Edavetty |
| 9 | Idukki | Munnar |
| 10 | Idukki | Nedungandam |
| 11 | Idukki | Senapathy |
| 12 | Kannur | Pattiam |
| 13 | Kannur | Koothuparamba (M) |
| 14 | Kannur | Peralasseri |
| 15 | Kannur | Panoor (M) |
| 16 | Kannur | Panniyannur |
| 17 | Kannur | Mokeri |
| 18 | Kannur | Kunnothuparamba |
| 19 | Kannur | Naduvil |
| 20 | Kannur | Kottayam Malabar (M) |
| 21 | Kannur | Madayi |
| 22 | Kannur | Pappinisseri |
| 23 | Kannur | Chengalai |
| 24 | Kannur | Kanichar |
| 25 | Kannur | Kolayad |
| 26 | Kannur | Mattool |
| 27 | Kannur | Koodali |
| 28 | Kannur | Chittariparamba |
| 29 | Kannur | Mangattidam |
| 30 | Kannur | Ezhome |
| 31 | Kannur | Kadirur |
| 32 | Kannur | New Mahe |
| 33 | Kannur | Payyannur (M) |
| 34 | Kannur | Muzhappilangad |
| 35 | Kasaragod | Kasargode (M) |
| 36 | Kasargode | Chengala |
| 37 | Kasargode | Chemnad |
| 38 | Kasargode | Muliyar |
| 39 | Kasargode | Ajanur |
| 40 | Kasargode | Uduma |
| 41 | Kasargode | MogralPuthur |
| 42 | Kollam | Kulathupuzha |
| 43 | Kollam | Chathannoor |

| | | |
|----|--------------------|--------------------|
| 44 | Kollam | Punalloor (M) |
| 45 | Kollam | Thrikkaruva |
| 46 | Kollam | Ochira |
| 47 | Kollam | Thrikkovilvattom |
| 48 | Kollam | Sasthamcotta |
| 49 | Kollam | Nilamel |
| 50 | Kottayam | Panchaikkadu |
| 51 | Kottayam | Kottayam (M) |
| 52 | Kottayam | Vijayapuram |
| 53 | Kottayam | Manarcadu |
| 54 | Kottayam | Changanacherry (M) |
| 55 | Kottayam | Velloor |
| 56 | Kottayam | Udayanapuram |
| 57 | Kottayam | Ayarkkunnam |
| 58 | Kottayam | Melukavu |
| 59 | Kottayam | Thalayolaparambu |
| 60 | Kottayam | Aymanam |
| 61 | Kozhikode | Kozhikode (C) |
| 62 | Kozhikode | Azhiyur |
| 63 | Kozhikode | Kodencheri |
| 64 | Kozhikode | Vadakara (M) |
| 65 | Malappuram | Kaladi |
| 66 | Malappuram | Maranchery |
| 67 | Malappuram | Manjeri (M) |
| 68 | Palakkad | Kuzhalmannam |
| 69 | Palakkad | Thirumittacode |
| 70 | Pathanamthitta | Aranmula |
| 71 | Thiruvananthapuram | Varakala (M) |
| 72 | Thiruvananthapuram | Neyyattinkara (M) |
| 73 | Thiruvananthapuram | Kulathur |
| 74 | Thiruvananthapuram | Parasala |
| 75 | Thiruvananthapuram | Athiyannur |
| 76 | Thiruvananthapuram | Karodu |
| 77 | Thiruvananthapuram | Vellarada |
| 78 | Thiruvananthapuram | Amboori |
| 79 | Thiruvananthapuram | Balaramapuram |
| 80 | Thiruvananthapuram | Kunnathukal |

***As per Report from Secretary KSDMA on 02.05.2020**