

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

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#### **OUR HEALTH OUR RESPONSIBILITY**

- Even after vaccination, follow COVID appropriate behaviour.
- Maintain a distance of at least two metres with all people all the time.
- Always wear clean face mask appropriately everywhere all the time
- Perform hand hygiene after touching objects and surfaces all the time.
- Perform hand hygiene before and after touching your face.
- Observe cough and sneeze hygiene
- Avoid unnecessary travel, social interaction
- Protect the elderly and the vulnerable- Observe reverse quarantine
- PEOPLE WITH MULTIPLE COMORBIDITIES, IF DETECTED COVID POSTIVE SHOULD GET ADMITTED IN THE HOSPITAL IMMEDIATELY AND DO NOT REMAINED IN HOME ISOLATION
- Infection prevention by following Covid appropriate behaviour got strengthened with introduction of COVID vaccination.

The daily COVID-19 bulletin of the Department of Health and Family Welfare, Government of Kerala summarizes the COVID-19 situation in Kerala. The bulletin also contains links to various important documents, guidelines, and websites for references.

#### **Covid 19 status- Analytical Note**

- 94.9% of the eligible population vaccinated with a single dose of vaccine (2,53,57,547) and 52.3% with a double dose (1,39,74,944) till November 3.
- Kerala is the state with highest rate of Vaccination/Million-1101767. The state has vaccinated more than 96% of people aged more than 45 years with a single dose and 66% with double dose\*. (\*Target recalculated)
- People have been cooperating we appeal to the 2<sup>nd</sup> dose eligible people to take their second dose of Covishield/ Covaxin without delay. Both the vaccines are effective.

- As per today's data, among the 7312 positives, 6201 persons were eligible for vaccination. 1440 were vaccinated with single-dose and 2904 were fully vaccinated.
- 1857 persons had no history of vaccination. This sub cohort needs to be followed and among them people having morbidity are advised to access health care in a Hospital. All vaccinated people should follow covid appropriate behavior.
- Non vaccinated people with co morbidity have higher chances of mortality based on the mortality analysis. Hence, especially people with comorbidities should be careful. All must follow Covid appropriate behaviors.
- COVID-19 vaccines protect people from getting infected and become severely ill, and significantly reduce the likelihood of hospitalization and death.
- During October 27-November 2, the average active cases were 77,516 out of them an average of around 2% only were admitted in oxygen beds and 1.5% were in ICU. During this period there was a decrease of around 9278 new cases. The growth rate in newly declared cases decreased by 15% during the same week compared to the previous week. The number of active patients, those admitted in hospitals, field hospitals, ICU, ventilator and oxygen support beds has reduced by 17%, 10%, 32%, 11%, 10% and 13% respectively in this week compared to previous week. This shows that rate of hospitalization and serious cases are showing a decreasing trend.
- For any disease control program, active case finding is important. The state is doing appropriate testing. However, there is an apprehension regarding test positivity rate. It is hereby explained that test positivity rate indicates the infection. There are two specific issues all may understand i.e. contracting infection and because of contracting infection the disease manifestation. The World over post vaccination phase, contracting infection to disease manifestation is examined as CONVERSION RATE to decide the severity of pandemic. The data as on date suggests the conversion rate is stable because the People are following instructions, taking vaccines. However, it can be further improved with cooperation from all i.e. positive person having comorbidities should not delay their arrival in Hospital and take treatment as per the treatment protocols.
- Out of total 73,083 cases of infection only 7.7% of the active cases are admitted either in hospital/Field hospitals. This percentage is more or less constant and that indicates that the progression toward disease of the person who is infected is not very alarming and appropriate care and support is being given to patients. The patients who arrive late in the hospital even though having morbidity are the majority patients in the hospitals and Diabetes and Hypertension together being the most common cause of patient death. Therefore, we request people with co morbidities once detected with covid infection to get hospitalized in time.
- Based on the Covid positive data during June, July and August, 6% of the Covid positive patients had taken a single dose of Covid 19 vaccination and 3.6% had taken two doses of covid 19 vaccination. This indicates that vaccinated people may get infected, even though it is very less. It indicates that post vaccination immunity is effective in preventing infection. Vaccinated people are advised to consult Doctor only when symptomatic. Vaccinated people should follow covid appropriate behaviour.
- Symptomatic non-Vaccinated people may do RTPCR test. Antigen testing is only for emergency purpose. Non vaccinated people with co-morbidities to do testing by RTPCR and consult doctor.
- Repeat RTPCR is not needed among the people who are detected COVID positive in the previous 3 months. All young person detected positive and at home isolation should do blood sugar test.

### PART- 1 SUMMARY OF COVID CASES AND DEATH

Table 1. Summary of COVID-19 cases till 2/11/2021

| Positive<br>cases | Recovere<br>d<br>patients | New<br>persons in<br>Quarantine<br>/ Isolation | New<br>Persons in<br>Home,<br>Institution<br>quarantine | New<br>persons<br>in<br>Hospital<br>Isolation | Total no of<br>Deaths<br>reported | No of<br>deaths<br>declared<br>as per<br>appeal<br>G.O.(Rt)<br>No.2110/2<br>021/H&F<br>WD<br>(B) | No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H&F WD Dated 14 October (C) |
|-------------------|---------------------------|--|---|---|-----------------------------------|--|---|
| 4980398           | 4872930                   | 9413   | 9183  | 230   | 32236                             | 1032   | 3190  |

Table 2. Summary of new COVID-19 cases (last 24 hours)

| Positive<br>cases | Recovere<br>d<br>patients | New<br>persons in<br>Quarantin<br>e/<br>Isolation | New<br>Persons in<br>Home,<br>Institution<br>quarantine | New<br>persons<br>in<br>Hospital<br>Isolation | No of<br>Deaths<br>reported<br>daily<br>(A) | No of<br>deaths<br>declared as<br>per appeal<br>G.O.(Rt)<br>No.2110/20<br>21/H&FWD<br>(B) | No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H& FWD Dated 14 October (C) |
|-------------------|---------------------------|---|---|---|---|---|---|
| 7312              | 8484                      | 12718   | 12392   | 326   | 51  | 239   | 72  |

Table 3. Cumulative summary as on 03/11/2021

| Total<br>Positive<br>cases | Active<br>cases | Total<br>Recove<br>red | Total<br>persons in<br>Quarantine<br>/ Isolation | Persons in<br>Home/Ins<br>titution<br>quarantin<br>e | Persons<br>in<br>Hospital<br>Isolatio<br>n | Total<br>No of<br>Deaths<br>(D) | Total No of<br>deaths<br>declared<br>as per<br>appeal<br>G.O.(Rt)<br>No.2110/20<br>21/H&FWD<br>(E) | Total No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H&F WD Dated 14 October (F) |
|----------------------------|-----------------|------------------------|--|--|--|---------------------------------|--|---|
| 4987710                    | 73083           | 4881414                | 261090   | 256032   | 5058                                       | <i>32,598</i>                   | 1271   | 3262  |

Table 4. District wise summary of Cumulative cases, Active cases, and New positive cases

| District           | Positive<br>Cases<br>declared<br>today | Declared<br>Negative<br>today | Positive cases admitted in the district | Other Districts  |
|--------------------|--|-------------------------------|---|--|
| Thiruvananthapuram | 1099                                   | 898                           | 11782                                   | Kollam - 99, Pathanamthitta - 18, Alappuzha - 8,<br>Kottayam - 13, Idukki - 12, Ernakulam - 7, Thrissur - 7,<br>Palakkad - 4, Malappuram - 2, Kozhikode - 3, Kannur -<br>2, Kasaragod - 1, Others - 59 |
| Kollam             | 501                                    | 632                           | 5897                                    | Pathanamthitta - 12, Idukki - 1, Ernakulam - 1   |
| Pathanamthitta     | 534                                    | 508                           | 4052                                    | Alappuzha - 3, Kottayam - 8, Idukki - 4, Ernakulam - 4,<br>Thrissur - 1  |
| Alappuzha          | 315                                    | 314                           | 2678                                    | Pathanamthitta - 40, Kottayam - 34, Ernakulam - 3,<br>Palakkad - 5, Kannur - 1   |
| Kottayam           | 616                                    | 1021                          | 5463                                    | Pathanamthitta - 50, Idukki - 52, Ernakulam - 30,<br>Thrissur - 1, Kannur - 2  |
| Idukki             | 313                                    | 469                           | 4121                                    | Alappuzha - 1, Kottayam - 14, Ernakulam - 35   |
| Ernakulam          | 1025                                   | 1157                          | 9107                                    | Pathanamthitta - 10, Kottayam - 11, Idukki - 24,<br>Thrissur - 2, Palakkad - 12, Wayanad - 2, Kannur - 4,<br>Kasaragod - 2, Others - 300   |
| Thrissur           | 649                                    | 1472                          | 6638                                    | Kollam - 1, Pathanamthitta - 1, Alappuzha - 1, Kottayam<br>- 1, Idukki - 1, Ernakulam - 6, Palakkad - 26,<br>Malappuram - 1, Kannur - 1, Others - 1  |
| Palakkad           | 284                                    | 331                           | 3048                                    |  |
| Malappuram         | 342                                    | 410                           | 4502                                    | Thiruvananthapuram - 2, Pathanamthitta - 4, Kottayam - 2, Idukki - 1, Ernakulam - 4, Thrissur - 4, Kannur - 2, Kasaragod - 1   |
| Kozhikode          | 723                                    | 452                           | 7890                                    | Thiruvananthapuram - 2, Pathanamthitta - 1, Kottayam - 5, Ernakulam - 13, Malappuram - 4, Wayanad - 21, Kannur - 61, Kasaragod - 13, Others - 1  |
| Wayanad            | 331                                    | 316                           | 2682                                    | Kannur - 3   |
| Kannur             | 422                                    | 369                           | 3851                                    |  |
| Kasaragod          | 158                                    | 135                           | 1372                                    | Kannur - 2   |
| Total              | 7312                                   | 8484                          | 73083                                   |  |

Table 5. District wise Death Cases through online and offline mode - post scrutiny status

| District           | No of<br>Deaths<br>reported<br>daily<br>(A) | No of deaths<br>declared through<br>appeal G.O.(Rt)<br>No.2110/2021/H&F<br>WD<br>Dated 29 September<br>(B) | No of pending deaths<br>declaration of the cases up<br>to 18 June 2021 (offline<br>period of death reporting)<br>As per G.O.(Rt)<br>No.2219/2021/H&FWD<br>Dated 14 October<br>(C) | Death<br>Cases<br>approved<br>today<br>(A+B+C) |
|--------------------|---|--|---|--|
| Thiruvananthapuram | 5   | 26   | 0   | 31   |
| Kollam             | 3   | 56   | 0   | 59   |
| Pathanamthitta     | 4   | 0  | 0   | 4  |
| Alappuzha          | 3   | 0  | 0   | 3  |
| Kottayam           | 0   | 0  | 0   | 0  |
| Idukki             | 3   | 13   | 0   | 16   |
| Ernakulam          | 8   | 0  | 52  | 60   |
| Thrissur           | 5   | 139  | 0   | 144  |
| Palakkad           | 12  | 1  | 0   | 13   |
| Malappuram         | 5   | 0  | 5   | 10   |
| Kozhikode          | 3   | 0  | 0   | 3  |
| Wayanad            | 0   | 0  | 0   | 0  |
| Kannur             | 0   | 0  | 8   | 8  |
| Kasaragod          | 0   | 4  | 7   | 11   |
| Total              | 51  | 239  | 72  | 362  |

- The list of Track A is mentioned in the Bulletin
- The list of Track B and Track C will be very long as we are declaring cumulative cases. These lists are available with the DMO and can be verified on online portal.
- https://covid19.kerala.gov.in/deathinfo/covidDeathDeclarationList.jsp

Table 6. Summary of contact or travel history of COVID-19 cases since 4th May 2020

| Total cases   | 4987211 |
|---|---------|
| Cases with history of International/Interstate travel | 62487   |
| Cases with history of contact                         | 4924724 |

Table 7. Summary of contact/travel history of new COVID-19 cases reported in last 24 hours

| Total cases   | 7312 |
|---|------|
| Cases with history of International/Interstate travel | 24   |
| Cases with history of contact                         | 6873 |
| Cases with no history of travel or contact            | 415  |

Table 8. Details of COVID-19 positive deaths in the last 24 hours

| SI no. | District           | Name                | Place              | Age | Gender | Death Date |
|--------|--------------------|---------------------|--------------------|-----|--------|------------|
| 1      | Thiruvananthapuram | A sivarajan         | Kottukal           | 61  | Male   | 26-07-2021 |
| 2      | Thiruvananthapuram | Bhanumathi amma p   | Kizhuvilam         | 65  | Female | 31-10-2021 |
| 3      | Thiruvananthapuram | Kamalakshy          | Kizhuvilam         | 72  | Female | 19-06-2021 |
| 4      | Thiruvananthapuram | R syamala           | Venganoor          | 75  | Female | 20-10-2021 |
| 5      | Thiruvananthapuram | Sarasamma           | Thiruvananthapuram | 88  | Female | 01-11-2021 |
| 6      | Kollam             | Abdul rasheed       | Anchal             | 70  | Male   | 01-11-2021 |
| 7      | Kollam             | Baby of aswathy     | Thevalakkara       | 0   | Female | 02-11-2021 |
| 8      | Kollam             | Sasidharan          | Paravoor           | 67  | Male   | 26-10-2021 |
| 9      | Pathanamthitta     | Chellamma           | Ayiroor            | 80  | Female | 31-10-2021 |
| 10     | Pathanamthitta     | Martha chacko       | Puramattam         | 80  | Male   | 01-11-2021 |
| 11     | Pathanamthitta     | Ponnamma            | Ranni              | 51  | Female | 01-11-2021 |
| 12     | Pathanamthitta     | Suresh kumar        | Thiruvalla         | 58  | Male   | 31-10-2021 |
| 13     | Alappuzha          | Abdul rahman        | Panavally          | 70  | Male   | 29-10-2021 |
| 14     | Alappuzha          | Kamalakshi          | Thalavady          | 86  | Female | 26-10-2021 |
| 15     | Alappuzha          | Savithri kunju      | Champakkulam       | 96  | Female | 31-10-2021 |
| 16     | Idukki             | Sarada balakrishnan | Arakulam           | 81  | Female | 28-10-2021 |
| 17     | Idukki             | Thressya devasya    | Arakulam           | 80  | Female | 31-10-2021 |
| 18     | Idukki             | Varghese ouseph     | Karimkunnam        | 65  | Male   | 31-10-2021 |

| 19 | Ernakulam  | Amrutha anto       | Muvattupuzha   | 31 | Female | 23-06-2021 |
|----|------------|--------------------|--|----|--------|------------|
| 20 | Ernakulam  | Devasya thankachan | Vazhakkulam  | 55 | Male   | 29-10-2021 |
| 21 | Ernakulam  | Dudachan v n       | North paravur  | 68 | Male   | 01-11-2021 |
| 22 | Ernakulam  | Gireesh            | Kumbalam   | 46 | Male   | 31-10-2021 |
| 23 | Ernakulam  | Joshkumar t s      | Edavanakad   | 66 | Male   | 31-10-2021 |
| 24 | Ernakulam  | Kutty              | Angamaly   | 65 | Female | 26-10-2021 |
| 25 | Ernakulam  | Shibu peter        | Muvattupuzha   | 41 | Male   | 07-06-2021 |
| 26 | Ernakulam  | Surendran M        | Chengamanadu   | 61 | Male   | 24-09-2021 |
| 27 | Thrissur   | Aboobacker         | Vadakkancherry   | 67 | Male   | 01-11-2021 |
| 28 | Thrissur   | Hassan ali         | Edathiruthy  | 92 | Male   | 27-10-2021 |
| 29 | Thrissur   | Murali             | Puthur   | 60 | Male   | 31-10-2021 |
| 30 | Thrissur   | Sooriyan           | Puthenchira  | 79 | Male   | 01-11-2021 |
| 31 | Thrissur   | Suhara             | Eriyad   | 60 | Female | 31-10-2021 |
| 32 | Palakkad   | Arumughan          | Erimayoor  | 73 | Male   | 02-11-2021 |
| 33 | Palakkad   | Beena m            | Koppam   | 36 | Female | 08-08-2021 |
| 34 | Palakkad   | Chinna             | Nemmara  | 91 | Female | 09-10-2021 |
| 35 | Palakkad   | Jabbar             | Kizhakkanchery   | 68 | Male   | 05-08-2021 |
| 36 | Palakkad   | Kuttan             | Kumaramputhur  | 76 | Male   | 31-10-2021 |
| 37 | Palakkad   | Kuttan             | Vadavannur   | 74 | Male   | 01-11-2021 |
| 38 | Palakkad   | Laila              | Kizhakkanchery   | 51 | Female | 19-09-2021 |
| 39 | Palakkad   | Muhammmed          | Kongad   | 46 | Female | 26-10-2021 |
| 40 | Palakkad   | Santhappa rowther  | Pattanchery  | 83 | Male   | 25-10-2021 |
| 41 | Palakkad   | Subash k c         | Kizhakkanchery   | 42 | Male   | 02-11-2021 |
| 42 | Palakkad   | Swaminathan        | Elavanchery  | 61 | Male   | 31-08-2021 |
| 43 | Palakkad   | Ummer k v          | Pattithara   | 55 | Male   | 02-11-2021 |
| 44 | Malappuram | Ali                | Valavannur   | 50 | Male   | 08-09-2021 |
| 45 | Malappuram | Ammukutty          | Wandoor  | 89 | Female | 31-10-2021 |
| 46 | Malappuram | Ibrahim            | Cheriyamundam  | 78 | Male   | 12-09-2021 |
| 47 | Malappuram | Ibrahimkutty       | Alamkode   | 75 | Male   | 09-09-2021 |
| 48 | Malappuram | Muhammed           | Pulikkal   | 78 | Male   | 09-09-2021 |
| 49 | Kozhikode  | Balan c            | Mukkam   | 66 | Male   | 02-11-2021 |
| 50 | Kozhikode  | Kelappan           | Koilandy   | 81 | Male   | 28-10-2021 |
| 51 | Kozhikode  | Vijayalakshmi      | Koilandy   | 83 | Female | 29-10-2021 |
|    |            |                    | The state of the s |    |        |            |

Detailed list is available with the respective District Medical office (Health)

**Table 9. Summary of critical patients** 

| Patients in ICUs               | 1084 |
|--------------------------------|------|
| Patients on Ventilator support | 470  |

<sup>\*</sup>The data shown contains ICU and Ventilator data from both government and private hospitals

### **PART- II COVID-19 TESTING**

Table 10. Cumulative number of samples tested

| Cumulative<br>Samples<br>Sent | Cumulative<br>routine +<br>Sentinel<br>samples | Airport<br>surveillance | CB NAAT | True<br>NAT | POCT<br>PCR | RT<br>LAMP | Antigen<br>Assay |
|-------------------------------|--|-------------------------|---------|-------------|-------------|------------|------------------|
| 38072634                      | 15289428                                       | 77321                   | 113536  | 798951      | 47055       | 30885      | 21721772         |

Table 11. Details of new COVID-19 samples in the last 24 hours

| Samples Sent | Routine +<br>Sentinel Samples<br>(PCR) | CB NAAT | True NAT | POCT PCR | RT LAMP | Antigen<br>Assay |
|--------------|--|---------|----------|----------|---------|------------------|
| 69680        | 46948                                  | 291     | 1146     | 285      | 145     | 20865            |

### **PART-III SURVEILLANCE**

Table 12. District wise distribution of persons under quarantine and isolation

| District           | Persons under<br>observation as<br>on today | Persons under<br>home/institutional<br>quarantine as on today | Total persons under<br>hospital Isolation as<br>on today | Persons<br>hospitalized<br>today |
|--------------------|---|---|--|----------------------------------|
| Thiruvananthapuram | 51058                                       | 51058   |  | 0                                |
| Kollam             | 21703                                       | 21272   | 431  | 38                               |
| Pathanamthitta     | 10757                                       | 10331   | 426  | 5                                |
| Alappuzha          | 5627  | 5407  | 220  | 23                               |
| Kottayam           | 24450                                       | 23856   | 594  | 10                               |
| Idukki             | 6119  | 5846  | 273  | 6                                |
| Ernakulam          | 40877                                       | 40020   | 857  | 76                               |
| Thrissur           | 13770                                       | 13394   | 376  | 45                               |
| Palakkad           | 9636  | 9478  | 158  | 20                               |
| Malappuram         | 21176                                       | 20628   | 548  |                                  |
| Kozhikode          | 29649                                       | 29132   | 517  | 24                               |
| Wayanad            | 7503  | 7361  | 142  | 66                               |
| Kannur             | 10544                                       | 10327   | 217  |                                  |
| Kasaragod          | 8221  | 7922  | 299  | 13                               |
| Total              | 261090                                      | 256032  | 5058   | 326                              |

Table 13. Summary of Travel surveillance 03/11/2021

| Mode of Travel        | Cumulative number of Passengers |
|-----------------------|---------------------------------|
| International airport | 2307880                         |
| Total                 | 2307880                         |

#### PART-IV PSYCHOSOCIAL SUPPORT

'Ottakalla Oppamundu' is a program for providing Psychosocial support to the people in quarantine, isolation, school children and other categories of population as well as to the community in general.

927 Mental Health Personnel including Psychiatrists, Psychiatric Social Workers, Clinical Psychologists, and Counsellors are working and have given psychosocial support.

Table.14. Psychosocial support provided through the program "Ottakalla Oppamundu"

| No. of Psychosocial workers  | 927         |
|--|-------------|
| Total Psychosocial support calls made to persons in quarantine/ isolation.   | 71,79,544   |
| Total psychosocial support follow-up calls made  | 32,12,102   |
| Total Post COVID calls   | 11,33,087   |
| Total calls made to persons under treatment for mental illnesses, migrant labourers, differently abled children, elderly persons staying alone | 3,48,860    |
| Total Psychosocial support calls to school children  | 9,48,282    |
| Total psychosocial support calls to health care workers  | 64,194      |
| Total Psychosocial support calls received in helpline numbers  | 89,475      |
| Total calls to all categories of Persons   | 1,29,75,544 |

### **PART-V ANNEXURES**

## Annexure-1: List of Hotspots as on 03/11/2021

| Panchayaths and Urban Wards with WIPR >10 |                    |                       |            |
|---|--------------------|-----------------------|------------|
| Sl.No                                     | District           | LSG                   | Ward No    |
| 1   | Thiruvananthapuram | Attingal (M)          | 23         |
| 2   | Thiruvananthapuram | Edava                 | 10         |
| 3   | Thiruvananthapuram | Manamboor             | 7          |
| 4   | Thiruvananthapuram | Panavoor              | 3          |
| 5   | Thiruvananthapuram | Pullampara            | 3          |
| 6   | Thiruvananthapuram | Uzhamalackal          | 12         |
| 7   | Thiruvananthapuram | Vellanad              | 2          |
| 8   | Thiruvananthapuram | Vitura                | 13         |
| 9   | Kollam             | Paravoor (M)          | 5          |
| 10  | Kollam             | Vettikkavala          | 3          |
| 11  | Kollam             | Adichanalloor         | 14         |
| 12  | Kollam             | Velinalloor           | 6          |
| 13  | Kollam             | Nedumbana             | 19         |
| 14  | Pathanamthitta     | Pathanamthitta (M)    | 5          |
| 15  | Pathanamthitta     | Kozhanjeri            | 13         |
| 16  | Pathanamthitta     | Vadasserikkara        | 12         |
| 17  | Pathanamthitta     | Kodumon               | 9          |
| 18  | Pathanamthitta     | Vechuchira            | 12         |
| 19  | Pathanamthitta     | Malayalappuzha        | 3          |
| 20  | Pathanamthitta     | Pandhalam-Thekkekkara | 4          |
| 21  | Pathanamthitta     | Kunnanthanam          | 11         |
| 22  | Idukki             | Kattappana (M)        | 22         |
| 23  | Idukki             | Adimali               | 3, 11, 21  |
| 24  | Idukki             | Pallivasal            | 10, 12, 14 |
| 25  | Idukki             | Vellathooval          | 1, 5, 6    |
| 26  | Idukki             | Konnathady            | 13         |
| 27  | Idukki             | Arakkulam             | 11         |
| 28  | Idukki             | Alakkode              | 10         |
| 29  | Idukki             | Udumbannoor           | 2, 12      |
| 30  | Idukki             | Pampadumpara          | 10         |
| 31  | Ernakulam          | Koothattukulam (M)    | 8, 19      |
| 32  | Ernakulam          | Kothamangalam (M)     | 16         |
| 33  | Ernakulam          | North Paravur         | 13         |
| 34  | Ernakulam          | Piravom (M)           | 10, 16, 19 |

| 35 | Ernakulam | Thrikkakkara (M)   | 8               |
|----|-----------|--------------------|-----------------|
| 36 | Ernakulam | Aikkaranad         | 4               |
| 37 | Ernakulam | Avoli              | 7               |
| 38 | Ernakulam | Ayampuzha          | 9               |
| 39 | Ernakulam | Chendhamangalm     | 3               |
| 40 | Ernakulam | Chittattukara      | 14, 2, 4        |
| 41 | Ernakulam | Kadamakkudi        | 13, 8           |
| 42 | Ernakulam | Kalloorkkadu       | 12, 5, 8        |
| 43 | Ernakulam | Kottuvally         | 1, 7            |
| 44 | Ernakulam | Kuttambuzha        | 10              |
| 45 | Ernakulam | Kuzhuppally        | 1, 12, 9        |
| 46 | Ernakulam | Maneed             | 3               |
| 47 | Ernakulam | Manjalloor         | 13              |
| 48 | Ernakulam | Marady             | 2               |
| 49 | Ernakulam | Nayarambalam       | 5               |
| 50 | Ernakulam | Njarakkal          | 5               |
| 51 | Ernakulam | Palakkuzha         | 6               |
| 52 | Ernakulam | Pambakkuda         | 4, 5, 6         |
| 53 | Ernakulam | Pothanikkadu       | 13, 3, 5, 6     |
| 54 | Ernakulam | Puthenvelikkara    | 11, 17, 6       |
| 55 | Ernakulam | Thirumaradi        | 13, 8, 9, 1     |
| 56 | Ernakulam | Thuravur           | 4               |
| 57 | Ernakulam | Thiruvaniyoor      | 1, 4            |
| 58 | Ernakulam | Valakom            | 6               |
| 59 | Thrissur  | Thrissur ©         | 6               |
| 60 | Thrissur  | Kodungalloor (M)   | 31              |
| 61 | Thrissur  | Mathilakom         | 3, 9, 16        |
| 62 | Thrissur  | Athirappally       | 3, 6            |
| 63 | Thrissur  | Kaipamangalam      | 3               |
| 64 | Thrissur  | Thanniyam          | 1, 2, 3, 11, 16 |
| 65 | Thrissur  | Kuzhur             | 11              |
| 66 | Thrissur  | Sree Narayanapuram | 8, 9            |
| 67 | Kozhikode | Atholi             | 17              |
| 68 | Kozhikode | Kakkur             | 11              |
| 69 | Kozhikode | Ulliyeri           | 4, 8            |
| 70 | Kozhikode | Koodaranji         | 6               |
| 71 | Wayanad   | Kalppatta (M)      | 23              |
| 72 | Wayanad   | Mananthavady (M)   | 16              |
| 73 | Wayanad   | Kottathara         | 11              |
| ı  | -         | 1                  |                 |

| 74 | Wayanad   | Muttil     | 5 |
|----|---|------------|---|
| 75 | Wayanad   | Thariyode  | 7 |
| 76 | Kasaragod                                       | West Eleri | 9 |
| 77 | Kasaragod                                       | Kallar     | 3 |
|    | As per G.O(Rt) No.643/2021/DMD dated 18.09.2021 |            |   |

# DISTRICT WISE ABSTRACT

|             |                    | WIP        | R (> 10)    |
|-------------|--------------------|------------|-------------|
| Sl.No       | District           | No of LSGs | No of wards |
| 1           | Thiruvananthapuram | 8          | 8           |
| 2           | Kollam             | 5          | 5           |
| 3           | Pathanamthitta     | 8          | 8           |
| 4           | Alappuzha          | 0          | 0           |
| 5           | Kottayam           | 0          | 0           |
| 6           | Idukki             | 9          | 16          |
| 7           | Ernakulam          | 28         | 50          |
| 8           | Thrissur           | 8          | 16          |
| 9           | Palakkad           | 0          | 0           |
| 10          | Malappuram         | 0          | 0           |
| 11          | Kozhikode          | 4          | 5           |
| 12          | Wayanad            | 5          | 5           |
| 13          | Kannur             | 0          | 0           |
| 14          | Kasaragod          | 2          | 2           |
| Grand Total |                    | 77         | 115         |

| References   |
|--|
| 1.Thiruvanathapuram: DDMA/01/2020/COVID/H2 WIPR 11A dated 25.10.2021 |
| 2.Kollam: DCKLM/1827/2020-DM2(1) dated 25.10.2021                    |
| 3.Pathanamthitta: DCPTA/1185/2020/DM5 dated 25.10.2021               |
| 4.Kottayam: Nil  |
| 5.Alappuzha: Nil   |
| 6.Idukki: DCIDK/2584/2021 dated 25.10.2021                           |
| 7.Ernakulam: 3804/2020/D2 dated 25.10.2021                           |
| 8.Thirissur: DCTSR/H4/14476/2019 dated 25.10.2021                    |
| 9.Palakkad: Nil  |
| 10.Malappuram: Nil   |

| 11.Kozhikkode: DCKKD/6274/2021/F4 dated 24.10.2021 |
|--|
| 12.Wayanad: DCWYD/2671/2021/DM5 dated 23.10.2021   |
| 13.Kannur: Nil                                     |
| 14.Kasaragod: DCKSGD/1331/2020-K1 dated 25.10.2021 |

# Annexure-2: District Covid 19 Control Room Numbers Oxygen War Room Numbers

| District           | Covid 19 Control Room Numbers          | Oxygen War Room Numbers  |
|--------------------|--|--------------------------|
| Thiruvananthapuram | 9188610100, 1077, 0471 277 9000        | 7592939426, 7592949448   |
| Kollam             | 0474 2797609, 2794006, 8589015556      | 75920 03857              |
| Alappuzha          | 0477 2239999, 2238642, 2238651         | 7594041555               |
| Pathanamthitta     | 0468 2222515, 0468 2228220             | 1077, 8547715558         |
| ldukki             | 18004255640, 0486 2232220, 2233118     | 18004255640, 04862233118 |
| Kottayam           | 9188610014, 9188610016, 0481 2304800,  | 0481 256 7390            |
| -                  | 0481 2583200, 0481 2566100, 0481       |                          |
|                    | 2566700, 0481 2561300                  |                          |
| Ernakulam          | 0484 2368702, 0484 2368802, 0484       | 75940 46167              |
|                    | 2368902                                |                          |
|                    | Guest Control Room 9072303275,         |                          |
|                    | 9072303276                             |                          |
|                    | WhatsApp Number 9400021077             |                          |
| Thrissur           | 9400066921, 9400066922, 9400066923     | 9400063430, 7034099935   |
| Palakkad           | 0491 251 0580, 04912510583             | 0491251 0577, 8848902376 |
|                    | 0491 251 0575, 0491 251 0576, 251 0574 |                          |
| Malappuram         | 0483 2737858, 0483 2737857,0483        | 0483 2952950             |
|                    | 2733251, 0483 2733252, 2733253         |                          |
| Calicut            | 0495 2371471, 0495 2376063             | 75940-01419, 7594001485  |
|                    | Collectorate 0495 2371002              |                          |
| Kannur             | 0497 2700194, 2713437, 9400066062,     | 8281899687               |
|                    | 9400066616                             |                          |
| Wayanad            | 04936 202343, 04936 202375             | 9526831678               |
| Kasaragod          | 9946000493, 9946000293                 | 9645002811               |

# Annexure-3: Table of links to documents, guidelines, and websites

| Dashboard                 | https://dashboard.kerala.gov.in/                                    |
|---------------------------|---|
| Daily Bulletin            | http://dhs.kerala.gov.in/ഡെയിലി-ബൂള്ളറ്റിന്%E2%80%8D/               |
| Guidelines and Advisories | http://dhs.kerala.gov.in/ജാഗ്രത-<br>നിര്%E2%80%8Dദേശങ്ങള്%E2%80%8D/ |

| Awareness materials                        | https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbedUZa<br>8PUY9v3m0Wa?dl=0 |
|--|--|
| Posters                                    | http://dhs.kerala.gov.in/photo-gallery/                                      |
| COVID-19 Jagratha                          | https://covid19jagratha.kerala.nic.in/                                       |
| E Sanjeevani                               | https://esanjeevaniopd.in  |
| NHM Kerala                                 | https://arogyakeralam.gov.in/  |
| Directorate of Health Services             | https://dhs.kerala.gov.in/   |
| Directorate of Medical Education           | http://www.dme.kerala.gov.in/  |
| Department of Health and Family<br>Welfare | https://health.kerala.gov.in/  |
| Training and IEC videos                    | https://www.youtube.com/c/keralahealthonlinetraining                         |

# Annexure-4: District Psychosocial support Helpline numbers

| District           | COVID help line numbers  |
|--------------------|--------------------------|
| Thiruvananthapuram | 9846854844               |
| Kollam             | 0474 2740166, 8281086130 |
| Pathanamthitta     | 8281113911               |
| Alappuzha          | 4792344474               |
| Kottayam           | 9539355724               |
| Idukki             | 04862226929, 9496886418  |
| Ernakulam          | 04842351185, 9846996516  |
| Thrissur           | 48723831553              |
| Palakkad           | 4912533323               |
| Malappuram         | 7593843617, 7593843625   |
| Kozhikode          | 9495002270               |
| Wayanad            | 9400348670               |
| Kannur             | 04972734343, 9495142091  |
| Kasaragod          | 9072574748, 9447447888   |

- District Helpline Numbers will be available from 9am to 4 pm.
- State Helpline Numbers DISHA 0471-2552056 and 1056 (Toll Free Number) will be available  $24 \chi 7$