



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

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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.

**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.*

**Covid 19 status- Analytical Note**

- 99% of population above 18 years vaccinated with a single dose of vaccine (2,64,83,090) and 81% with a double dose (2,16,90,138) till January 11.
- 38% of population among 15-17 age group vaccinated with single dose of vaccine (5,81,428)
- Kerala is the state with highest rate of Vaccination/ Million- 1369269. The state has vaccinated more than 97% of people aged more than 45 years with a single dose and 85% 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 9066 positives, 8283 persons were eligible for vaccination. 457 were vaccinated with single-dose and 5173 were fully vaccinated.
- 2653 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 behaviour.
- 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 January 4-January 10, the average active cases were 28,549 out of them an average of around 1.6% only were admitted in oxygen beds and 1.5% were in ICU.

During this period there was an increase of around 18,149 new cases.

The growth rate in newly declared cases increased by 100% during the same week compared to the previous week. The number of active patients, number of those admitted in hospitals and field hospitals has increased by 45%, 2% and 30% respectively in this week compared to previous week. The number of people in ICU, ventilators and oxygen supported beds showed a decrease of 3%, 8%, 2% respectively.

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 44,441 cases of infection only 5.7% 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 10/1/2022**

Positive cases	Recovered patients	New persons in Quarantine / Isolation	New Persons in Home, Institution quarantine	New persons in Hospital Isolation	Total no of Deaths reported	No of deaths declared as per appeal G.O.(Rt) No.2110/2021/H&FWD (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)
5291339	5203146	11510	11253	257	49757	15287	3779

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

Positive cases	Recovered patients	New persons in Quarantine / Isolation	New Persons in Home, Institution quarantine	New persons in Hospital Isolation	No of Deaths reported daily (A)	No of deaths declared as per appeal G.O.(Rt) No.2110/2021/H&FWD (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)
9066	2064	13469	13171	298	19	277	0

**Table 3. Cumulative summary as on 11/01/2022**

Total Positive cases	Active cases	Total Recovered	Total persons in Quarantine / Isolation	Persons in Home/Institution quarantine	Persons in Hospital Isolation	Total No of Deaths (D)	Total No of deaths declared as per appeal G.O.(Rt) No.2110/2021/H&FWD (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&FWD Dated 14 October (F)
5300405	44441	5205210	127790	124903	2887	50053	15564	3779

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

<b>District</b>	<b>Positive Cases declared today</b>	<b>Declared Negative today</b>	<b>Positive cases admitted in the district</b>
Thiruvananthapuram	2200	177	8184
Kollam	551	98	2251
Pathanamthitta	410	247	991
Alappuzha	347	111	1213
Kottayam	587	37	3987
Idukki	239	82	1589
Ernakulam	1478	508	8713
Thrissur	943	42	4662
Palakkad	511	43	1567
Malappuram	309	103	2384
Kozhikode	801	299	5155
Wayanad	155	114	1044
Kannur	417	158	1988
Kasaragod	118	45	713
<b>Total</b>	<b>9066</b>	<b>2064</b>	<b>44441</b>

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

<b>District</b>	<b>No of Deaths reported daily (A)</b>	<b>No of deaths declared through appeal G.O.(Rt) No.2110/2021/H&amp;F WD Dated 29 September (B)</b>	<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&amp;FWD Dated 14 October (C)</b>	<b>Death Cases approved today (A+B+C)</b>
Thiruvananthapuram	4	11	0	15
Kollam	2	215	0	217
Pathanamthitta	1	0	0	1
Alappuzha	0	2	0	2
Kottayam	1	14	0	15
Idukki	0	1	0	1
Ernakulam	0	9	0	9
Thrissur	0	0	0	0
Palakkad	0	7	0	7
Malappuram	0	0	0	0
Kozhikode	8	0	0	8
Wayanad	0	0	0	0
Kannur	3	0	0	3
Kasaragod	0	18	0	18
<b>Total</b>	<b>19</b>	<b>277</b>	<b>0</b>	<b>296</b>

- 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	5299906
Cases with history of International/Interstate travel	64373
Cases with history of contact	5235533

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

Total cases	9066
Cases with history of International/Interstate travel	127
Cases with history of contact	8311
Cases with no history of travel or contact	628

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Chandran	Thirupuram	56	Male	06-01-2022
2	Thiruvananthapuram	Selin	Kulathoor	60	Female	06-01-2022
3	Thiruvananthapuram	Thankamani N	Thiruvananthapuram	76	Male	05-01-2022
4	Thiruvananthapuram	Thankamma	Peringammala	70	Female	02-01-2022
5	Kollam	Abha S Nair	Chithara	43	Female	29-12-2021
6	Kollam	M A Salim	Chithara	67	Male	01-01-2022
7	Pathanamthitta	Annamma Antony	Pathanamthitta	91	Female	28-12-2021
8	Kottayam	Denisamma	Ramapuram	50	Female	23-11-2021
9	Kozhikode	Andrew W John	Kozhikode	92	Male	07-01-2022
10	Kozhikode	Baskaran K M	Kozhikode	70	Male	31-12-2021
11	Kozhikode	Gopalan	Kozhikode	62	Male	26-12-2021
12	Kozhikode	Malu	Madavoor	90	Female	01-01-2022
13	Kozhikode	Muhammed	Thiruvambady	65	Male	06-01-2022
14	Kozhikode	Rasheed K	Kozhikode	72	Male	08-01-2022
15	Kozhikode	Sreedharan V	Atholi	75	Male	03-01-2022
16	Kozhikode	Suresh	Mavoor	54	Male	04-01-2022
17	Kannur	Krishna Kumar Chalil	Taliparamba	60	Male	07-01-2022
18	Kannur	Kunhappan P	Kunhimangalam	79	Male	03-01-2022
19	Kannur	Santha C V	Chittariparamba	74	Female	06-01-2022

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

**Table 9. Summary of critical patients**

Patients in ICUs	<b>457</b>
Patients on Ventilator support	<b>161</b>

*\*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 Samples Sent	Cumulative routine + Sentinel samples	Airport surveillance	CB NAAT	True NAT	POCT PCR	RT LAMP	Antigen Assay
<b>42138043</b>	<b>18058965</b>	<b>77321</b>	<b>132214</b>	<b>866543</b>	<b>127451</b>	<b>44103</b>	<b>22837760</b>

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

Samples Sent	Routine + Sentinel Samples (PCR)	CB NAAT	True NAT	POCT PCR	RT LAMP	Antigen Assay
<b>63898</b>	<b>41137</b>	<b>242</b>	<b>1148</b>	<b>1565</b>	<b>158</b>	<b>19648</b>

**PART-III SURVEILLANCE**

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

District	Persons under observation as on today	Persons under home/institutional quarantine as on today	Total persons under hospital Isolation as on today	Persons hospitalized today
Thiruvananthapuram	30476	29991	485	75
Kollam	4876	4704	172	22
Pathanamthitta	5810	5607	203	3
Alappuzha	4347	4264	83	4
Kottayam	7339	7054	285	0
Idukki	2578	2514	64	2
Ernakulam	14312	13812	500	33
Thrissur	3687	3500	187	53
Palakkad	5056	5002	54	18
Malappuram	9107	8961	146	19
Kozhikode	17435	17163	272	25
Wayanad	9083	9052	31	7
Kannur	8373	8224	149	31
Kasaragod	5311	5055	256	6
<b>Total</b>	<b>127790</b>	<b>124903</b>	<b>2887</b>	<b>298</b>

**Table 13. Summary of Travel surveillance 11/01/2022**

Mode of Travel	Cumulative number of Passengers
International airport	2902042
<b>Total</b>	<b>2902042</b>



## 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. **828** 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	<b>828</b>
Total Psychosocial support calls made to persons in quarantine/ isolation.	<b>74,05,255</b>
Total psychosocial support follow-up calls made	<b>32,12,102</b>
Total Post COVID calls	<b>11,33,087</b>
Total calls made to persons under treatment for mental illnesses, migrant labourers, differently abled children, elderly persons staying alone	<b>3,48,860</b>
Total Psychosocial support calls to school children	<b>9,92,536</b>
Total psychosocial support calls to health care workers	<b>64,194</b>
Total Psychosocial support calls received in helpline numbers	<b>91,848</b>
<b>Total calls to all categories of Persons</b>	<b>1,32,47,882</b>

**PART-V ANNEXURES**

**Annexure-1: List of Hotspots as on 11/01/2022**

<b>Panchayaths and Urban Wards with WIPR &gt;10</b>			
<b>Sl.No</b>	<b>District</b>	<b>LSG</b>	<b>Ward No</b>
1	Ernakualm	Kalloorkkadu	8, 7
2	Ernakualm	Pothanicadu	3
3	Ernakualm	Aikaranad	4
4	Ernakualm	Keerambra	10
5	Wayanad	Vythiri	8
<i>As per G.O(Rt) No.643/2021/DMD dated 18.09.2021</i>			

**DISTRICT WISE ABSTRACT**

<b>Sl. No</b>	<b>Name of District</b>	<b>WIPR (&gt; 10)</b>	
		<b>No. of LSGs</b>	<b>No. of Wards</b>
1	Ernakulam	4	5
2	Wayanad	1	1
<b>Total</b>		<b>5</b>	<b>6</b>

<b>References</b>
1.Thiruvananthapuram: Nil
2.Kollam: Nil
3.Pathanamthitta: Nil
4.Kottayam: Nil
5.Alappuzha: Nil
6.Idukki: Nil
7.Ernakulam: 3804/2020/D2 dated 07.12.2021
8.Thirissur: Nil
9.Palakkad: Nil
10.Malappuram: Nil
11.Kozhikkode: Nil
12.Wayanad: DCWYD/2671/2021/DM5 dated 04.12.2021
13.Kannur: Nil
14.Kasaragod: Nil

## 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
Idukki	18004255640, 0486 2232220, 2233118	18004255640, 04862233118
Kottayam	9188610014, 9188610016, 0481 2304800, 0481 2583200, 0481 2566100, 0481 2566700, 0481 2561300	0481 256 7390
Ernakulam	0484 2368702, 0484 2368802, 0484 2368902 Guest Control Room 9072303275, 9072303276 WhatsApp Number 9400021077	75940 46167
Thrissur	9400066921, 9400066922, 9400066923	9400063430, 7034099935
Palakkad	0491 251 0580, 04912510583 0491 251 0575, 0491 251 0576, 251 0574	0491251 0577, 8848902376
Malappuram	0483 2737858, 0483 2737857, 0483 2733251, 0483 2733252, 2733253	0483 2952950
Calicut	0495 2371471, 0495 2376063 Collectorate 0495 2371002	75940-01419, 7594001485
Kannur	0497 2700194, 2713437, 9400066062, 9400066616	8281899687
Wayanad	04936 202343, 04936 202375	9526831678
Kasaragod	9946000493, 9946000293	9645002811

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

Dashboard	<a href="https://dashboard.kerala.gov.in/">https://dashboard.kerala.gov.in/</a>
Daily Bulletin	<a href="http://dhs.kerala.gov.in/ഡെയിലി-ബുള്ളറ്റിന്%E2%80%8D/">http://dhs.kerala.gov.in/ഡെയിലി-ബുള്ളറ്റിന്%E2%80%8D/</a>
Guidelines and Advisories	<a href="http://dhs.kerala.gov.in/ജാഗ്രത-നിര്%E2%80%8Dദേശങ്ങൾ%E2%80%8D/">http://dhs.kerala.gov.in/ജാഗ്രത-നിര്%E2%80%8Dദേശങ്ങൾ%E2%80%8D/</a>
Awareness materials	<a href="https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbedUZa_8PUY9v3m0Wa?dl=0">https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbedUZa_8PUY9v3m0Wa?dl=0</a>
Posters	<a href="http://dhs.kerala.gov.in/photo-gallery/">http://dhs.kerala.gov.in/photo-gallery/</a>
COVID-19 Jagratha	<a href="https://covid19jagratha.kerala.nic.in/">https://covid19jagratha.kerala.nic.in/</a>
E Sanjeevani	<a href="https://esanjeevaniopd.in">https://esanjeevaniopd.in</a>
NHM Kerala	<a href="https://arogyakeralam.gov.in/">https://arogyakeralam.gov.in/</a>

Directorate of Health Services	<a href="https://dhs.kerala.gov.in/">https://dhs.kerala.gov.in/</a>
Directorate of Medical Education	<a href="http://www.dme.kerala.gov.in/">http://www.dme.kerala.gov.in/</a>
Department of Health and Family Welfare	<a href="https://health.kerala.gov.in/">https://health.kerala.gov.in/</a>
Training and IEC videos	<a href="https://www.youtube.com/c/keralahealthonlinetraining">https://www.youtube.com/c/keralahealthonlinetraining</a>

#### 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	04872383155, 8281100729, 8086007999
Palakkad	04912533323
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 24x7*