



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

www.dhs.kerala.gov.in

www.health.kerala.gov.in

controlroomdhskerala@gmail.com

**Date: 13/01/2022
Time: 02:00 PM**

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

- 99.6% of the eligible population vaccinated with a single dose of vaccine (2,65,29,838) and 82% with a double dose (2,17,92,096) till January 13.
- 42% of population among 15-17 age group vaccinated with single dose of vaccine (6,51,608)
- Kerala is the state with highest rate of Vaccination/ Million- 1376982. The state has vaccinated more than 97% of people aged more than 45 years with a single dose and 83% with double dose*. (*Target recalculated)
- People have been cooperating we appeal to the 2nd 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 13,468 positives, 12,030 persons were eligible for vaccination. 3853 were vaccinated with single-dose and 8177 were fully vaccinated.
- 1438 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 6 – January 12, the average active cases were 36,518 out of them an average of around 1.3% only were admitted in oxygen beds and 1.2% were in ICU. During this period there was a decrease of around 28,395 new cases. The growth rate in newly declared cases increased by 133% during the same week compared to the previous week. The number of active patients, number of those admitted in hospitals, field hospitals and oxygen supported beds has increased by 83%, 12%, 49% and 5% respectively in this week compared to previous week. The number of people in ICU and ventilators showed a decrease of 2% and 4% 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 64,529 cases of infection only 4.6% 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 13/1/2022

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)
5313147	5207762	20387	19967	420	50252	15742	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)
13468	3252	22461	22000	461	21	96	0

Table 3. Cumulative summary as on 13/01/2022

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)
5326615	64529	5211014	157292	153994	3298	50369	15838	3779

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

District	Positive Cases declared today	Declared Negative today	Positive cases admitted in the district
Thiruvananthapuram	3404	412	14365
Kollam	678	126	3314
Pathanamthitta	581	156	1779
Alappuzha	586	90	2000
Kottayam	913	391	5118
Idukki	316	169	2050
Ernakulam	2394	921	11917
Thrissur	1067	145	6416
Palakkad	553	57	2340
Malappuram	589	117	3183
Kozhikode	1274	271	6988
Wayanad	244	71	1354
Kannur	683	268	2732
Kasaragod	186	58	973
Total	13468	3252	64529

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

District	No of Deaths reported daily (A)	No of deaths declared through appeal G.O.(Rt) No.2110/2021/H&F WD Dated 29 September (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)	Death Cases approved today (A+B+C)
Thiruvananthapuram	8	16	0	24
Kollam	1	0	0	1
Pathanamthitta	1	0	0	1
Alappuzha	0	13	0	13
Kottayam	0	0	0	0
Idukki	0	0	0	0
Ernakulam	0	9	0	9
Thrissur	3	43	0	46
Palakkad	1	15	0	16
Malappuram	3	0	0	3
Kozhikode	4	0	0	4
Wayanad	0	0	0	0
Kannur	0	0	0	0
Kasaragod	0	0	0	0
Total	21	96	0	117

- 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	<i>5326116</i>
Cases with history of International/Interstate travel	<i>64647</i>
Cases with history of contact	<i>5261469</i>

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

Total cases	<i>13648</i>
Cases with history of International/Interstate travel	<i>120</i>
Cases with history of contact	<i>12657</i>
Cases with no history of travel or contact	<i>691</i>

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Ambika	Kadakkavoor	57	Female	11-01-2022
2	Thiruvananthapuram	Fathima Beevi	Vettoor	76	Female	08-01-2022
3	Thiruvananthapuram	George K P	Venganoor	70	Male	10-01-2022
4	Thiruvananthapuram	Sajeevan	Mangalapuram	41	Male	12-01-2022
5	Thiruvananthapuram	Selvaraj	Thiruvananthapuram	37	Male	12-01-2022
6	Thiruvananthapuram	Sivanandan	Thiruvananthapuram	85	Male	06-01-2022
7	Thiruvananthapuram	S Rajan Nadar	Thiruvananthapuram	67	Male	11-01-2022
8	Thiruvananthapuram	Vijayan Nair K	Thiruvananthapuram	69	Male	12-01-2022
9	Kollam	Shajahan E	Thevalakkara	56	Male	01-01-2022
10	Pathanamthitta	Gopalakrishna Kurup	Thiruvalla	82	Male	10-01-2022
11	Thrissur	Hyderali	Punnayoor	63	Male	07-01-2022
12	Thrissur	Kunjukuttan P A	Guruvayoor	88	Male	10-01-2022
13	Thrissur	Prabhakaran	Velookkara	78	Male	10-01-2022
14	Palakkad	Sundaran A T	Muthuthala	72	Male	12-01-2022
15	Malappuram	Abdul Azeez	Mankada	62	Male	20-08-2021
16	Malappuram	Radhamani	Kuttiipuram	69	Female	11-01-2022
17	Malappuram	Rajagopalan A	Vazhakkad	72	Male	11-01-2022
18	Kozhikode	Kuttymalu Amma	Kozhikode	94	Female	05-01-2022

19	Kozhikode	Philip T M	Azhiyur	78	Male	10-01-2022
20	Kozhikode	Raveendran K	Panangad	65	Male	05-01-2022
21	Kozhikode	Sreeshma	Kuruvattur	22	Female	04-01-2022

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

Table 9. Summary of critical patients

Patients in ICUs	545
Patients on Ventilator support	151

**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
42277647	18152438	77321	132803	868708	129603	44476	22878612

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
66796	43218	294	1073	1042	186	20983

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	41488	40814	674	130
Kollam	5888	5687	201	26
Pathanamthitta	5947	5711	236	16
Alappuzha	5293	5203	90	20
Kottayam	13086	12815	271	0
Idukki	3110	3042	68	6
Ernakulam	17897	17347	550	35
Thrissur	4624	4370	254	72
Palakkad	5229	5159	70	15
Malappuram	10036	9891	145	21
Kozhikode	19254	18959	295	41
Wayanad	9986	9948	38	10
Kannur	9312	9162	150	52
Kasaragod	6142	5886	256	17
Total	157292	153994	3298	461

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

Mode of Travel	Cumulative number of Passengers
International airport	2930234
Total	2930234

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	828
Total Psychosocial support calls made to persons in quarantine/ isolation.	74,20,280
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	9,94,382
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	91,994
Total calls to all categories of Persons	1,32,64,899

PART-V ANNEXURES

Annexure-1: List of Hotspots as on 13/01/2022

Panchayaths and Urban Wards with WIPR >10			
Sl.No	District	LSG	Ward No
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

Sl. No	Name of District	WIPR (> 10)	
		No. of LSGs	No. of Wards
1	Ernakulam	4	5
2	Wayanad	1	1
Total		5	6

References
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	https://dashboard.kerala.gov.in/
Daily Bulletin	http://dhs.kerala.gov.in/ഡെയിലി-ബുള്ളറ്റിന്%E2%80%8D/
Guidelines and Advisories	http://dhs.kerala.gov.in/ജാഗ്രത-നിര്%E2%80%8Dദേശങ്ങൾ%E2%80%8D/
Awareness materials	https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbedUZa_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 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	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*