



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

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**Date: 19/01/2022
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

- 99.9% of the eligible population vaccinated with a single dose of vaccine (2,66,78,477) and 83% with a double dose (2,21,13,355) till January 19.
- 57% of population among 15-17 age group vaccinated with single dose of vaccine (8,61,308)
- Kerala is the state with highest rate of Vaccination/ Million- 1398346. The state has vaccinated more than 97% of people aged more than 45 years with a single dose and 84% 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 34,199 positives, 30,226 persons were eligible for vaccination. 1800 were vaccinated with single-dose and 20,656 were fully vaccinated.
- 7770 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 12 – January 18, the average active cases were 93,466 out of them an average of around 0.7% only were admitted in oxygen beds and 0.6% were in ICU. During this period there was an increase of around 88,062 new cases. The growth rate in newly declared cases increased by 211% during the same week compared to the previous week. The number of active patients, number of those admitted in hospitals, field hospitals, ICU, ventilator and in oxygen supported beds has increased by 192%, 60%, 113%, 38%, 9% and 52% respectively in this week compared to previous week. 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 1,68,383 cases of infection only 3.2% 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 18/1/2022

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)
5430258	5236013	38621	37677	944	51026	16393	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)
34199	8193	43242	42148	1094	49	85	0

Table 3. Cumulative summary as on 19/01/2022

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)
5464457	168383	5244206	291945	285742	6203	51160	16478	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	5684	1206	40701
Kollam	1742	463	8953
Pathanamthitta	1944	510	5871
Alappuzha	1339	196	6104
Kottayam	2333	694	12240
Idukki	1435	241	5318
Ernakulam	5953	1490	26046
Thrissur	3604	904	17103
Palakkad	1920	511	7779
Malappuram	1579	216	8350
Kozhikode	3386	740	17043
Wayanad	798	128	3105
Kannur	1814	219	7360
Kasaragod	668	675	2410
Total	34199	8193	168383

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	6	21	0	27
Kollam	0	0	0	0
Pathanamthitta	3	0	0	3
Alappuzha	0	0	0	0
Kottayam	4	12	0	16
Idukki	0	0	0	0
Ernakulam	3	26	0	29
Thrissur	4	0	0	4
Palakkad	1	19	0	20
Malappuram	13	7	0	20
Kozhikode	10	0	0	10
Wayanad	0	0	0	0
Kannur	5	0	0	5
Kasaragod	0	0	0	0
Total	49	85	0	134

- 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	5463958
Cases with history of International/Interstate travel	65516
Cases with history of contact	5398442

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

Total cases	34199
Cases with history of International/Interstate travel	125
Cases with history of contact	33478
Cases with no history of travel or contact	596

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Ambujakshi Amma	Thiruvananthapuram	82	Female	08-01-2022
2	Thiruvananthapuram	Babu K	Thiruvananthapuram	70	Male	16-01-2022
3	Thiruvananthapuram	Jayantha Kumari		49	Female	13-01-2022
4	Thiruvananthapuram	Lucas	Karumkulam	81	Male	19-12-2021
5	Thiruvananthapuram	Sunil Kumar	Kadakkavoor	60	Male	10-01-2022
6	Thiruvananthapuram	Suseela B	Varkala	70	Female	06-01-2022
7	Pathanamthitta	George Varkey	Thiruvalla	87	Male	12-01-2022
8	Pathanamthitta	John	Kottanad	90	Male	16-01-2022
9	Pathanamthitta	Thampy P	Mallappally	71	Male	13-01-2022
10	Kottayam	Alleppy Renganath	Neendoor	72	Male	16-01-2022
11	Kottayam	Celina Mathew	Kuravilangadu	48	Female	17-01-2022
12	Kottayam	Jacob	Panachikadu	60	Male	15-01-2022
13	Kottayam	Shamsudeen Ka	Erumely	58	Male	15-01-2022
14	Ernakulam	Evigene	Elamkunnappuzha	71	Male	14-01-2022
15	Ernakulam	Rugmini Narayanan	Kochi	71	Female	17-11-2021
16	Ernakulam	Thevan T C	Thiruvaniyoor	84	Male	11-01-2022
17	Thrissur	Beevi Saidhu	Sree Narayanapuram	71	Female	07-09-2021
18	Thrissur	Hamsa Mk N	Sree Narayanapuram	68	Male	16-01-2022
19	Thrissur	Subadra	Vadakkancherry	80	Female	16-01-2022
20	Thrissur	Thankamma	Parappookkara	69	Female	14-01-2022
21	Palakkad	V P Raju	Mannarkad	65	Male	18-01-2022

22	Malappuram	Chirutha	Angadippuram	78	Female	07-01-2022
23	Malappuram	Fathima	Pulpetta	75	Female	03-01-2022
24	Malappuram	Kasim	Mankada	56	Male	01-01-2022
25	Malappuram	Korukutty	Thavanur	93	Male	07-01-2022
26	Malappuram	Krishnan	Kavannur	65	Male	04-01-2022
27	Malappuram	Krishnan	Pandikkad	85	Male	07-01-2022
28	Malappuram	Kunji Pocker Kunnummal	Valavannur	73	Male	03-01-2022
29	Malappuram	Marakkar	Perinthalmanna	63	Male	05-01-2022
30	Malappuram	Mohammed	Thenela	95	Male	02-01-2022
31	Malappuram	Muhammed	Thirunavaya	86	Male	07-01-2022
32	Malappuram	Pocker	Tirurangadi	61	Male	01-01-2022
33	Malappuram	Sasi	Thriprangode	36	Male	30-12-2021
34	Malappuram	Sumathi	Anakayam	42	Female	06-01-2022
35	Kozhikode	Chathu	Thuneri	76	Male	09-01-2022
36	Kozhikode	Gopalakrishnan	Kozhikode	74	Male	16-01-2022
37	Kozhikode	Gopalan A	Maniyur	69	Male	18-01-2022
38	Kozhikode	Jagath Ved		0	Male	15-01-2022
39	Kozhikode	Khadeeja	Kottur	57	Female	13-08-2021
40	Kozhikode	Leela	Onchiyam	63	Female	12-01-2022
41	Kozhikode	Lukose	Kayanna	68	Male	16-01-2022
42	Kozhikode	Moideen C P	Thurayur	70	Male	16-01-2022
43	Kozhikode	Moosa Haji	Villiappally	75	Male	16-01-2022
44	Kozhikode	Narayani	Vadakara	86	Female	15-01-2022
45	Kannur	Elikutty	Pariyaram	81	Female	11-01-2022
46	Kannur	Madhavi Amma K	Kannur	87	Female	14-01-2022
47	Kannur	Narayanan K V	Sreekandapuram	86	Male	11-01-2022
48	Kannur	Sebastian P J	Naduvil	62	Male	14-01-2022
49	Kannur	Yesodha	Mangattidam	82	Female	12-01-2022

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

Table 9. Summary of critical patients

Patients in ICUs	794
Patients on Ventilator support	175

**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
42713965	18418806	77321	134039	874107	133211	45626	23037169

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
91983	53438	217	997	389	268	36674

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	85637	84229	1408	207
Kollam	13892	13516	376	79
Pathanamthitta	9273	8826	447	38
Alappuzha	12951	12775	176	65
Kottayam	27004	26558	446	0
Idukki	4957	4872	85	14
Ernakulam	33906	32886	1020	202
Thrissur	20439	19926	513	129
Palakkad	11386	11132	254	41
Malappuram	13210	12980	230	59
Kozhikode	21942	21410	532	81
Wayanad	14527	14403	124	39
Kannur	14594	14359	235	104
Kasaragod	8227	7870	357	36
Total	291945	285742	6203	1094

Table 13. Summary of Travel surveillance 19/01/2022

Mode of Travel	Cumulative number of Passengers
International airport	2967436
Total	2967436

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. **810** 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	810
Total Psychosocial support calls made to persons in quarantine/ isolation.	74,81,747
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	9,97,593
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	92,240
Total calls to all categories of Persons	1,33,29,823

PART-V ANNEXURES

Annexure-1: List of Hotspots as on 19/01/2022

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%8Dദേശങ്ങളു%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*