

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

- 99.6% of the eligible population vaccinated with a single dose of vaccine (2,65,70,010) and 82% with a double dose (2,18,70,333) till January 14.
- 45% of population among 15-17 age group vaccinated with single dose of vaccine (6,86,850)
- Kerala is the state with highest rate of Vaccination/Million-1380224. 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 16,338 positives, 14,602 persons were eligible for vaccination. 884 were vaccinated with single-dose and 9295 were fully vaccinated.
- 4423 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 7 January 13, the average active cases were 42,142 out of them an average of around 1.1% only were admitted in oxygen beds and 1.1% were in ICU. During this period there was a decrease of around 34,988 new cases. The growth rate in newly declared cases increased by 149% during the same week compared to the previous week. The number of active patients, number of those admitted in hospitals, field hospitals, ICU and in oxygen supported beds has increased by 104%, 16%,59%, 2% and 9% respectively in this week compared to previous week. The number of people in ventilators showed a decrease of 3%.
- 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 76,819 cases of infection only 4.4% 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	Recovere d 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.2110/2 021/H&F WD (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)
5326615	5211014	22461	22000	461	50369	15838	3779

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

Positive cases	Recovere d patients	New persons in Quarantin e/ 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.2110/20 21/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)
16338	3848	22866	22321	545	20	179	0

Table 3. Cumulative summary as on 14/01/2022

Total Positive cases	Active cases	Total Recover ed	Total persons in Quarantin e/ Isolation	Persons in Home/Ins titution quarantin e	Persons in Hospital Isolatio n	Total No of Deaths (D)	Total No of deaths declared as per appeal G.O.(Rt) No.2110/20 21/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&F WD Dated 14 October (F)
<i>5342953</i>	76819	5214862	172295	168657	3638	50568	16017	3779

District	Positive Cases declared today	Declared Negative today	Positive cases admitted in the district	
Thiruvananthapuram	3556	572	17326	
Kollam	892	32	4173	
Pathanamthitta	774	329	2222	
Alappuzha	588	144	2444	
Kottayam	1103	313	5904	
Idukki	462	203	2309	
Ernakulam	3198	976	14101	
Thrissur	1389	185	7583	
Palakkad	703	157	2846	
Malappuram	708	120	3750	
Kozhikode	1567	399	8156	
Wayanad	240	66	1528	
Kannur	787	215	3288	
Kasaragod	371	137	1189	
Total	16338	3848	76819	

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

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	10	13	0	23
Kollam	1	0	0	1
Pathanamthitta	2	0	0	2
Alappuzha	0	0	0	0
Kottayam	4	0	0	4
Idukki	0	0	0	0
Ernakulam	0	38	0	38
Thrissur	1	36	0	37
Palakkad	0	40	0	40
Malappuram	0	21	0	21
Kozhikode	0	0	0	0
Wayanad	0	0	0	0
Kannur	2	13	0	15
Kasaragod	0	18	0	18
Total	20	179	0	199

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

• 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

Total cases	5342454
Cases with history of International/Interstate travel	64782
Cases with history of contact	5277672

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

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

Total cases	16338
Cases with history of International/Interstate travel	135
Cases with history of contact	15344
Cases with no history of travel or contact	859

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

SI no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Abdul Kalam	Navayikulam	66	Male	21-12-2021
2	Thiruvananthapuram	Bhaskaran Nadar	Thiruvananthapuram	92	Male	14-01-2022
3	Thiruvananthapuram	Jacob Muthalali M I	Thiruvananthapuram	66	Male	13-01-2022
4	Thiruvananthapuram	Madhusoodanan Nair	Nellanad	63	Male	21-11-2021
5	Thiruvananthapuram	Pushpavally Amma	Nanniyode	73	Female	13-01-2022
6	Thiruvananthapuram	Rajakumari		46	Female	13-01-2022
7	Thiruvananthapuram	Retnavally	Kilimanoor	90	Female	21-12-2021
8	Thiruvananthapuram	Silvilet Sarasam	Thiruvananthapuram	86	Female	18-12-2021
9	Thiruvananthapuram	Sreedharan Nair	Thiruvananthapuram	75	Male	14-12-2021
10	Thiruvananthapuram	Sumathi Amma	Manickal	85	Female	13-01-2022
11	Kollam	Thajudeen M P	Mayyanad	64	Male	06-01-2022
12	Pathanamthitta	Kamalamma C A	Kunnanthanam	63	Female	13-01-2022
13	Pathanamthitta	Thomas P M	Naranganam	58	Male	12-01-2022
14	Kottayam	K P Paulose	Thiruvarppu	87	Male	09-01-2022
15	Kottayam	Lissy Joseph	Erumely	52	Female	12-01-2022
16	Kottayam	Mary James	Kottayam	80	Female	12-01-2022
17	Kottayam	Palani		77	Male	10-01-2022

18	Thrissur	Aminakutty	Kadangode	79	Female	11-01-2022
19	Kannur	Nanu	Chockli	77	Male	07-01-2022
20	Kannur	Varghese K P	Kelakam	72	Male	11-01-2022

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

Table 9. Summary of critical patients

Patients in ICUs	600
Patients on Ventilator support	153

*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
42346618	18197768	77321	133003	869592	130446	44647	22900155

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
<u>68971</u>	45330	200	884	843	171	21543

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	48718	48044	674	130
Kollam	6773	6555	218	40
Pathanamthitta	5916	5638	278	19
Alappuzha	5952	5855	97	20
Kottayam	13877	13576	301	0
Idukki	3261	3193	68	6
Ernakulam	19724	19132	592	56
Thrissur	5201	4894	307	89
Palakkad	5175	5024	151	28
Malappuram	10860	10695	165	26
Kozhikode	19964	19653	311	40
Wayanad	10869	10824	45	15
Kannur	9984	9824	160	63
Kasaragod	6021	5750	271	13
Total	172295	168657	3638	545

Table 13. Summary of Travel surveillance 14/01/2022

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.	74,27,870
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	9,95,115
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	<i>92,035</i>
Total calls to all categories of Persons	1,32,73,263

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
	As per G.O(Rt) No.643/2021/DMD dated 18.09.2021		

PART-V ANNEXURES

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.Thiruvanathapuram: 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

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 2583200, 0481 2566100, 0481	0481 256 7390
Ernakulam	2566700, 0481 2561300 0484 2368702, 0484 2368802, 0484 2368902	75940 46167
	Guest Control Room 9072303275, 9072303276 WhatsApp Number 9400021077	
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-2: District Covid 19 Control Room Numbers Oxygen War Room Numbers

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

Dashboard	https://dashboard.kerala.gov.in/
Daily Bulletin	<u>http://dhs.kerala.gov.in/ഡെയിലി-</u> ബുള്ളറ്റിന്%E2%80%8D/
Guidelines and Advisories	<u>http://dhs.kerala.gov.in/ജാഗ്രത-</u> നിര്%E2%80%8Dദേശങ്ങള്%E2%80%8D/
Awareness materials	https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbe dUZa 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,
111115501	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