



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

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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

- 100% of the eligible population vaccinated with a single dose of vaccine (2,67,95,319) and 84% with a double dose (2,24,07,007) till January 28.
- 70% of population among 15-17 age group vaccinated with single dose of vaccine (10,62,186)
- Kerala is the state with highest rate of Vaccination/ Million- 1423058. 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 54,537 positives, 47,645 persons were eligible for vaccination. 2484 were vaccinated with single-dose and 33,239 were fully vaccinated.**
- **11,922 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 21 – January 27, the average active cases were 2,70,156 out of them an average of around 0.8% only were admitted in oxygen beds and 0.4% were in ICU. During this period there was an increase of around 1,31,523 new cases.**
- **The growth rate in newly declared cases increased by 71% 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 110%, 107%, 107%, 57%, 54% and 159% 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 3,33,447 cases of infection only 3.5% of the active cases are admitted either in hospital/Field hospitals.[Non-KASP hospital occupancy too included].
- 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.
- 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 27/1/2022

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 cases filed G.O.(Rt) No.2110/2021/H&FWD
5826596	5463960	61906	60605	1301	52434	17334

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 in Last 24 Hrs	Deaths declared in the last 24 hrs but of previous days because of late receiving of documents	No of deaths declared as per appeal G.O.(Rt) No.2110/2021/H&FWD (Appeal Cases Filed)
54537	30225	65303	63674	1629	13	81	258

Table 3. Cumulative summary as on 28/01/2022

Total Positive cases	Active cases	Total Recovered	Total persons in Quarantine/ Isolation	Persons in Home/Insti tution quarantine	Persons in Hospital Isolation	Total No of Deaths	Total No of deaths declared as per appeal cases filed G.O.(Rt) No.2110/2021/H&FWD
5881133	333447	5494185	483824	472126	11698	52786	17592

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	6735	6921	47885
Kollam	4138	581	28229
Pathanamthitta	2021	770	15193
Alappuzha	2323	1907	16284
Kottayam	4182	3290	22675
Idukki	2485	853	16126
Ernakulam	10571	450	58367
Thrissur	6082	4033	28314
Palakkad	3248	2258	21016
Malappuram	3003	2130	20081
Kozhikode	4935	4135	31455
Wayanad	1379	799	8386
Kannur	2314	2015	13573
Kasaragod	1121	83	5863
Total	54537	30225	333447

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	19	3	0	22
Kollam	5	0	0	5
Pathanamthitta	1	0	0	1
Alappuzha	1	88	0	89
Kottayam	8	0	0	8
Idukki	0	2	0	2
Ernakulam	8	32	0	40
Thrissur	5	0	0	5
Palakkad	13	26	0	39
Malappuram	12	35	0	47
Kozhikode	18	35	0	53
Wayanad	0	13	0	13
Kannur	4	15	0	19
Kasaragod	0	9	0	9
Total	94	258	0	352

- 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>5880634</i>
Cases with history of International/Interstate travel	<i>69407</i>
Cases with history of contact	<i>5811227</i>

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

Total cases	<i>54537</i>
Cases with history of International/Interstate travel	<i>227</i>
Cases with history of contact	<i>50825</i>
Cases with no history of travel or contact	<i>3485</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	Abdul Azeez	Vembayam	65	Male	27-01-2022
2	Thiruvananthapuram	Ajith Kumar G	Mangalapuram	51	Male	24-01-2022
3	Thiruvananthapuram	Arulappan V	Parassala	68	Male	24-01-2022
4	Thiruvananthapuram	Baby Sathyadas	Thiruvananthapuram	64	Female	12-01-2022
5	Thiruvananthapuram	Dasan	Thirupuram	69	Male	22-01-2022
6	Thiruvananthapuram	Nalinakshi	Vembayam	78	Female	25-01-2022
7	Thiruvananthapuram	Rajendran K	Thiruvananthapuram	70	Male	24-01-2022
8	Thiruvananthapuram	Rethnavally	Anchuthengu	75	Female	27-01-2022
9	Thiruvananthapuram	Sarasu	Thiruvananthapuram	65	Female	25-01-2022
10	Thiruvananthapuram	Saraswathy	Thiruvananthapuram	74	Female	23-01-2022
11	Thiruvananthapuram	Shaji V	Vellarada	39	Male	17-01-2022
12	Thiruvananthapuram	Sivan Nair	Thiruvananthapuram	57	Male	23-01-2022
13	Thiruvananthapuram	Sukesh Kumar	Thiruvananthapuram	62	Male	25-01-2022
14	Thiruvananthapuram	Sumangala	Kanjiramkulam	65	Female	28-01-2022
15	Thiruvananthapuram	Sunitha Kumari S	Kottukal	49	Female	27-01-2022
16	Thiruvananthapuram	Suseela	Chenkai	75	Female	22-01-2022
17	Thiruvananthapuram	Varghese J	Thiruvananthapuram	70	Male	25-01-2022
18	Thiruvananthapuram	Vasanth	Panavoor	71	Female	28-01-2022
19	Thiruvananthapuram	Watson	Thirupuram	86	Male	26-01-2022
20	Kollam	Aleyamma	Kundara	84	Female	23-01-2022
21	Kollam	G Samuel	Sooranad South	97	Male	26-01-2022

22	Kollam	Radhamani Amma	Melila	56	Female	26-01-2022
23	Kollam	Raymond Varghese	Kollam	76	Male	26-01-2022
24	Kollam	Udayakumar	Aryankavu	47	Male	27-01-2022
25	Pathanamthitta	Annamma Thomas	Ezhumattoor	63	Female	25-01-2022
26	Alappuzha	Saythumuhammed	Mannanchery	75	Male	02-01-2022
27	Kottayam	Abdul Basheer	Thiruvappu	70	Male	25-01-2022
28	Kottayam	Avarachan	Kanjirappally	48	Male	24-01-2022
29	Kottayam	Chellamma	Karukachal	89	Female	26-01-2022
30	Kottayam	Hajira Beevi	Erumely	75	Female	25-01-2022
31	Kottayam	Jayaprakash	Mulakkulam	56	Male	20-01-2022
32	Kottayam	Krishnan Kutty	Pampady	60	Male	25-01-2022
33	Kottayam	P U Ouseph	Kumarakom	86	Male	27-01-2022
34	Kottayam	Salu Abraham	Teekoy	66	Male	24-01-2022
35	Ernakulam	Beebi	Kochi	55	Female	25-01-2022
36	Ernakulam	E Paul Mathew	Kochi	86	Male	26-01-2022
37	Ernakulam	K A John	Kochi	57	Male	24-01-2022
38	Ernakulam	Mathai Kk	Piravom	83	Male	26-01-2022
39	Ernakulam	Padmavathiamma	Thiruvaniyoor	93	Female	26-01-2022
40	Ernakulam	P N Anadalakshmy	Mulamthuruthy	79	Female	24-01-2022
41	Ernakulam	Thaha P A	Kochi	74	Male	26-01-2022
42	Ernakulam	Vargheese K P	Vengoor	73	Male	23-01-2022
43	Thrissur	Dhamodharan	Vadanappilly	70	Male	27-01-2022
44	Thrissur	Francis C T	Kaiparambu	66	Male	26-01-2022
45	Thrissur	K Appukkuttan Menon	Thrikkur	85	Male	23-01-2022
46	Thrissur	Madhava Warriar	Thrishur	91	Male	26-01-2022
47	Thrissur	Rosy Thomas	Thrishur	76	Female	26-01-2022
48	Palakkad	Aruchamy V	Kozhinjampara	83	Male	22-01-2022
49	Palakkad	Babu	Vadakkenchery	40	Male	25-01-2022
50	Palakkad	Indira	Elappully	61	Female	26-01-2022
51	Palakkad	Kasu	Peruvemba	70	Male	26-01-2022
52	Palakkad	Padmavathy	Vandazhi	84	Female	25-01-2022
53	Palakkad	Pushapavally	Vaniyamkulam	60	Female	26-01-2022
54	Palakkad	Raghavan	Kodumba	90	Male	19-01-2022
55	Palakkad	Rahmath Pt	Ottappalam	53	Female	24-01-2022
56	Palakkad	Reetha Augustin	Vandazhi	59	Female	27-01-2022
57	Palakkad	Thanka Appayi	Kizhakkanchery	78	Female	22-01-2022
58	Palakkad	U B Nair	Palakkad	84	Male	24-01-2022
59	Palakkad	Vasu	Agali	54	Male	27-01-2022
60	Palakkad	Vijayalakshmi	Kannambra	71	Female	25-01-2022

61	Malappuram	Aboobacker V P	Nannamukku	101	Male	22-01-2022
62	Malappuram	Ahammed Haji	Kottakkal	83	Male	23-01-2022
63	Malappuram	Alavikutty T P	Thenhippalam	75	Male	21-01-2022
64	Malappuram	Balakrishnan	Nannamukku	56	Male	25-01-2022
65	Malappuram	Biriyakutty	Anakayam	82	Female	24-01-2022
66	Malappuram	Dakshayani	Malappuram	61	Female	26-01-2022
67	Malappuram	Hafsa Beevi	Kottakkal	78	Female	23-01-2022
68	Malappuram	Kolathi	Malappuram	66	Female	24-01-2022
69	Malappuram	Lakshmikutty	Edappal	78	Female	23-01-2022
70	Malappuram	Pathumma	Pandikkad	85	Female	23-01-2022
71	Malappuram	Saidalavi M K	Tirurangadi	67	Male	25-01-2022
72	Malappuram	Sidheequ Cm	Thanoor	80	Male	22-01-2022
73	Kozhikode	Abdul Latheef T K	Kozhikode	76	Male	26-01-2022
74	Kozhikode	Ak Narayanan	Kozhikode	87	Male	25-01-2022
75	Kozhikode	Appu	Puthuppadi	95	Male	25-01-2022
76	Kozhikode	Fathima	Koduvally	65	Female	24-01-2022
77	Kozhikode	Gopalakrishnan P M	Chathamangalam	53	Male	27-01-2022
78	Kozhikode	K S Ramachandran	Kozhikode	60	Male	25-01-2022
79	Kozhikode	Kunhappu P V	Payyoli	95	Male	22-01-2022
80	Kozhikode	Lakshmi Vp	Villiappally	85	Female	21-01-2022
81	Kozhikode	Nabeesa	Vadakara	80	Female	25-01-2022
82	Kozhikode	Narayanannair	Panangad	74	Male	26-01-2022
83	Kozhikode	Padmini M	Onchiyam	73	Male	23-01-2022
84	Kozhikode	Pokku P A	Onchiyam	75	Male	24-01-2022
85	Kozhikode	Rajendran P K	Kozhikode	59	Male	22-01-2022
86	Kozhikode	Sunil Kumar	Kozhikode	58	Male	27-01-2022
87	Kozhikode	Thankam	Faroke	77	Female	22-01-2022
88	Kozhikode	Theyyan	Cheruvannur	95	Male	23-01-2022
89	Kozhikode	Unnikannan	Kattippara	81	Male	25-01-2022
90	Kozhikode	Venugopalan	Perambra	83	Male	27-01-2022
91	Kannur	Damodharan K	Kankole-Alapadamba	78	Male	25-01-2022
92	Kannur	Jaya K K	Taliparamba	52	Female	26-01-2022
93	Kannur	Mathew Mathai	Payam	72	Male	21-01-2022
94	Kannur	Muhammed Kunhi	Taliparamba	75	Male	24-01-2022

*Deaths in last 24 hours : 13

*Deaths declared in the last 24 hours but of previous days due to late receiving of documents : 81

*Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 258

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

Table 9. Summary of critical patients

Patients in ICUs	1297
Patients on Ventilator support	339

**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
43628150	18913922	77321	135675	879496	138906	48570	23434066

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
115898	62584	210	938	956	257	50953

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	88030	85921	2109	357
Kollam	49414	48594	820	129
Pathanamthitta	19966	19290	676	25
Alappuzha	31510	31117	393	79
Kottayam	32178	31185	993	0
Idukki	15358	14992	366	27
Ernakulam	66273	64189	2084	249
Thrissur	32203	31249	954	210
Palakkad	30580	29933	647	122
Malappuram	36763	36255	508	113
Kozhikode	35068	33934	1134	114
Wayanad	13680	13392	288	84
Kannur	15605	15138	467	101
Kasaragod	17196	16937	259	19
Total	483824	472126	11698	1629

Table 13. Summary of Travel surveillance 28/01/2022

Mode of Travel	Cumulative number of Passengers
International airport	3025139
Total	3025139

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. **957** 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	957
Total Psychosocial support calls made to persons in quarantine/ isolation.	76,15,847
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	10,01,058
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	92,882
Total calls to all categories of Persons	1,34,68,030

PART-V ANNEXURES

Annexure-1: 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-2: 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://aogyakeralam.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-3: 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*