

# 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**

- 100% of the eligible population vaccinated with a single dose of vaccine (2,68,10,645) and 84% with a double dose (2,24,65,479) till January 30.
- 70.6% of population among 15-17 age group vaccinated with single dose of vaccine (10,71,465)
- Kerala is the state with highest rate of Vaccination/Million- 1425254. 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 2<sup>nd</sup> dose eligible people to take their second dose of Covishield/ Covaxin without delay. Both the vaccines are effective.

- 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 23 January 29, the average active cases were 2,98,567 out of them an average of around 0.9% only were admitted in oxygen beds and 0.4% were in ICU. During this period there was an increase of around 97,357 new cases.
- The growth rate in newly declared cases increased by 41% 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 73%, 95%,88%, 53%, 56% and 149% 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 3,54,595 cases of infection only 3.4% 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 29/1/2022

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.2110/202 1/H&FWD
5931945	5541834	60529	59143	1386	53191	17903

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.2110/20 21/H&FWD (Appeal Cases Filed)
51570	32701	72348	71089	1259	14	87	374

Table 3. Cumulative summary as on 30/01/2022

Total Positive cases	Active cases	Total Recovered	Total persons in Quarantine/ Isolation	Persons in Home/Instit ution quarantine	Persons in Hospital Isolation	Total No of Deaths	Total No of deaths declared as per appeal cases filed G.O.(Rt) No.2110/20 21/H&FWD
5983515	354595	5574535	527362	514734	12628	53666	18277

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	5746	7461	44403	
Kollam	3836	1278	30153	
Pathanamthitta	2517	3343	14792	
Alappuzha	2861	2018	17451	
Kottayam	3889	2425	25189	
Idukki	1565	1361	16820	
Ernakulam	9704	1382	69184	
Thrissur	7289	1012	32359	
Palakkad	3412	2489	22290	
Malappuram	2796	1131	21847	
Kozhikode	3872	5562	29731	
Wayanad	1338	964	9516	
Kannur	1976	1728	14388	
Kasaragod	769	547	6472	
Total	51570	32701	354595	

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	24	60	0	84
Kollam	0	0	0	0
Pathanamthitta	0	0	0	0
Alappuzha	10	14	0	24
Kottayam	12	7	0	19
Idukki	0	1	0	1
Ernakulam	12	0	0	12
Thrissur	11	78	0	89
Palakkad	7	16	0	23
Malappuram	1	37	0	38
Kozhikode	15	158	0	173
Wayanad	2	3	0	5
Kannur	7	0	0	7
Kasaragod	0	0	0	0
Total	101	374	0	475

- 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	5983016
Cases with history of International/Interstate travel	69792
Cases with history of contact	5913224

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

Total cases	51570
Cases with history of International/Interstate travel	177
Cases with history of contact	48215
Cases with no history of travel or contact	3178

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

SI no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Archana	Thiruvananthapuram	44	Female	29-01-2022
2	Thiruvananthapuram	Baiju	Vilappil	43	Male	15-01-2022
3	Thiruvananthapuram	Balakrishnan K G	Thiruvananthapuram	78	Male	27-01-2022
4	Thiruvananthapuram	Chandran	Nedumangad	66	Male	29-01-2022
5	Thiruvananthapuram	Chellamma	Parassala	75	Female	27-01-2022
6	Thiruvananthapuram	Dasamma	Parassala	85	Female	23-01-2022
7	Thiruvananthapuram	D Christabel Inpam	Kunnathukal	72	Male	28-09-2021
8	Thiruvananthapuram	Gopakumar	Thiruvananthapuram	58	Male	25-01-2022
9	Thiruvananthapuram	John Raj	Thiruvananthapuram	54	Male	28-01-2022
10	Thiruvananthapuram	Joseph Eapen	Vilappil	80	Male	27-01-2022
11	Thiruvananthapuram	Joy	Thiruvananthapuram	50	Male	22-01-2022
12	Thiruvananthapuram	Leela Kumari	Kattakada	67	Female	30-01-2022
13	Thiruvananthapuram	Mohammed Sali	Thiruvananthapuram	64	Male	28-01-2022
14	Thiruvananthapuram	Narayanan Nair	Thiruvananthapuram	76	Male	27-01-2022
15	Thiruvananthapuram	Prasannakumar K R	Thiruvananthapuram	60	Male	28-01-2022
16	Thiruvananthapuram	Rajan Nair	Edava	80	Male	04-11-2021
17	Thiruvananthapuram	Rameshan	Neyyattinkara	72	Male	24-01-2022
18	Thiruvananthapuram	Rema	Maranallur	50	Female	26-01-2022
19	Thiruvananthapuram	Sanu R.G	Neyyattinkara	39	Male	28-01-2022
20	Thiruvananthapuram	Simon	Thiruvananthapuram	67	Male	27-01-2022
21	Thiruvananthapuram	Sreekumar	Thiruvananthapuram	52	Male	26-01-2022

22	Thirusananthanuram	Thankannan	Dooyer	75	Male	22 01 2022
22	Thiruvananthapuram	Thankappan	Poovar	75		22-01-2022
23	Thiruvananthapuram	Vijayakumar	Malayinkeezhu	66	Male	29-01-2022
24	Thiruvananthapuram	Vijayakumar	Mangalapuram	54	Male	26-01-2022
25	Alappuzha	Anilkumar	Vayalar	52	Male	25-01-2022
26	Alappuzha	Antony P J	Mararikkulam North	74	Male	28-01-2022
27	Alappuzha	Chandanavally	Thanneermukkam	69	Female	29-01-2022
28	Alappuzha	Geethammal	Punnapra South	47	Female	27-01-2022
29	Alappuzha	George Sebastian	Alappuzha	88	Male	26-01-2022
30	Alappuzha	K Baby	Muthukulam	82	Male	26-01-2022
31	Alappuzha	Kochubeevi	Alappuzha	55	Female	28-01-2022
32	Alappuzha	Prabhakaran	Aarattupuzha	88	Male	27-12-2021
33	Alappuzha	Pradeep	Aarattupuzha	43	Male	10-11-2021
34	Alappuzha	Somini	Alappuzha	87	Female	25-01-2022
35	Kottayam	Ammini	Bharananganam	73	Female	28-01-2022
36	Kottayam	Annakutty	Vijayapuram	79	Female	26-01-2022
37	Kottayam	Joy K K	Erumely	62	Male	27-01-2022
38	Kottayam	Krishnankutty	Mundakayam	60	Male	26-01-2022
39	Kottayam	K Saraswathy Amma	Vazhoor	85	Female	27-01-2022
40	Kottayam	Kuttappan	Chirakkadavu	70	Male	27-01-2022
41	Kottayam	Lakshmikuttyamma	Manimala	86	Female	28-01-2022
42	Kottayam	Mathachan P C	Kaduthuruthy	56	Male	26-01-2022
43	Kottayam	M D Issac	Pampady	77	Male	28-01-2022
44	Kottayam	M R Puroshothaman Nair	Aymanam	89	Male	27-01-2022
45	Kottayam	Paulin Joseph	Kuravilangadu	76	Female	29-01-2022
46	Kottayam	Sumathy Sivaraman	Manjoor	63	Female	29-01-2022
47	Ernakulam	Harold Robinson	Chottanikara	47	Male	27-01-2022
48	Ernakulam	Jose	Thirumaradi	67	Male	28-01-2022
49	Ernakulam	Joy	Kizhakkambalam	65	Male	24-01-2022
50	Ernakulam	Kalikutty E K	Nedumbassery	73	Female	27-01-2022
51	Ernakulam	K J Thomas	Thirumaradi	90	Male	28-01-2022
52	Ernakulam	K K Prabakaran	Paipra	63	Male	28-01-2022
53	Ernakulam	K Sarala	Kalady	89	Female	26-01-2022
54	Ernakulam	Leela Mathai	Arakkuzha	84	Female	28-01-2022
55	Ernakulam	Lilly	Thuravoor	63	Female	26-01-2022
56	Ernakulam	Pathai	Kochi	70	Female	27-01-2022
57	Ernakulam	Rajagopalan K	Kochi	80	Male	22-01-2022
58	Ernakulam	Shaji	Kuzhuppilly	40	Male	21-01-2022
59	Thrissur	Babu	Chalakudy	50	Male	27-01-2022
60	Thrissur	Jose P L	Thrikkur	86	Male	27-01-2022
61	Thrissur	Krishna Menon	Irinjalakuda	91	Male	25-01-2022
62	Thrissur	Mohanan T T	Kodassery	68	Male	28-01-2022

63	Thrissur	Parameswarn	Cherpu	57	Male	27-01-2022
64	Thrissur	Radha	Guruvayoor	62	Female	25-01-2022
65	Thrissur	Rajan	Thrishur	57	Female	23-01-2022
66	Thrissur	Sankarankutty	Avanur	72	Male	27-01-2022
67	Thrissur	Suresh V V	Paralam	62	Male	22-01-2022
68	Thrissur	Thressia A K Thresiamma	Chazhur	96	Female	27-01-2022
69	Thrissur	Velayudhan	Kaipamangalam	83	Male	29-01-2022
70	Palakkad	Abdul Latheef	Thenkara	60	Male	23-01-2022
71	Palakkad	Aboobacker	Ambalapara	55	Male	29-01-2022
72	Palakkad	Ayyappan K M	Ongallur	91	Male	22-01-2022
73	Palakkad	Ramachandramenon	Palakkad	91	Male	27-01-2022
74	Palakkad	Sidhiq	Shornur	63	Male	27-01-2022
75	Palakkad	Syamaprasad	Palakkad	35	Male	22-01-2022
76	Palakkad	Vijayan	Palakkad	60	Male	22-01-2022
77	Malappuram	Subramanyan	Kalady	66	Male	25-01-2022
78	Kozhikode	Adwaith	Chemanchery	16	Male	28-01-2022
79	Kozhikode	Beekutty	Kozhikode	70	Male	23-01-2022
80	Kozhikode	Devasya	Karasseri	88	Male	29-01-2022
81	Kozhikode	Devi Ammma	Chemanchery	73	Female	26-01-2022
82	Kozhikode	Habeeb	Koilandy	48	Male	28-01-2022
83	Kozhikode	Hamza	Kakkodi	65	Male	28-01-2022
84	Kozhikode	Janaki Amma	Changaroth	85	Female	28-01-2022
85	Kozhikode	Kadeeja	Azhiyur	65	Female	20-01-2022
86	Kozhikode	Kalyani	Meppayur	84	Female	28-01-2022
87	Kozhikode	Kamalakshiamma	Kozhikode	86	Female	29-01-2022
88	Kozhikode	Muhammed Fayis	Kunnamangalam	23	Male	29-01-2022
89	Kozhikode	Prameela	Vadakara	67	Female	26-01-2022
90	Kozhikode	Raghavan	Atholi	84	Male	28-01-2022
91	Kozhikode	Satheeshan K	Thuneri	58	Male	29-01-2022
92	Kozhikode	Vinu	Vadakara	50	Male	29-01-2022
93	Wayanad	Devakiamma	Mananthavady	84	Female	25-01-2022
94	Wayanad	George	Mananthavady	70	Male	26-01-2022
95	Kannur	Augusty	Eruvessy	90	Male	24-01-2022
96	Kannur	Dhanesh	Karivellur- Peralam	30	Male	24-01-2022
97	Kannur	Radhakrishnan	Kannur	63	Male	19-01-2022
98	Kannur	Renuka	Kannur	81	Female	27-01-2022
99	Kannur	Sreedharan K	Peralassery	67	Male	27-01-2022
100	Kannur	Valsan	Dharmadam	75	Male	24-01-2022
101	Kannur	Zubaida K P	Madayi	63	Female	27-01-2022

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

Table 9. Summary of critical patients

Patients in ICUs	1376
Patients on Ventilator support	322

<sup>\*</sup>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
43842486	19030786	77321	136148	881340	141125	49000	23526766

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

S	Samples Sent	Routine + Sentinel Samples (PCR)	CB NAAT	True NAT	POCT PCR	RT LAMP	Antigen Assay
	103366	59049	239	797	905	171	42205

<sup>\*</sup>Deaths in last 24 hours: 14

<sup>\*</sup>Deaths declared in the last 24 hours but of previous days due to late receiving of documents: 87

<sup>\*</sup>Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 374

### **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	85784	82659	3125	358
Kollam	55590	54802	788	90
Pathanamthitta	23088	22389	699	26
Alappuzha	35721	35353	368	79
Kottayam	32732	31637	1095	0
Idukki	17371	17002	369	15
Ernakulam	76020	74060	1960	160
Thrissur	33365	32403	962	164
Palakkad	36321	35683	638	69
Malappuram	43142	42657	485	14
Kozhikode	39182	38041	1141	116
Wayanad	12182	11932	250	57
Kannur	17296	16834	462	93
Kasaragod	19568	19282	286	18
Total	527362	514734	12628	1259

Table 13. Summary of Travel surveillance 30/01/2022

Mode of Travel	Cumulative number of Passengers	
International airport	3022696	
Total	3022696	

#### 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- ബൂള്ളറ്റിന്%E2%80%8D/		
Guidelines and Advisories	http://dhs.kerala.gov.in/ജാഗ്രത- നിര്%E2%80%8Dദേശങ്ങള്%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-3: District Psychosocial support Helpline numbers

Annexure-3: District rsychosocial support neighber			
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,		
Till issui	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