



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

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**Date: 29/01/2022
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

- 100% of the eligible population vaccinated with a single dose of vaccine (2,68,04,383) and 84% with a double dose (2,24,41,950) till January 29.
- 70% of population among 15-17 age group vaccinated with single dose of vaccine (10,70,181)
- Kerala is the state with highest rate of Vaccination/ Million- 1424941. 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.

- **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 22 – January 28, the average active cases were 2,85,856 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 1,19,062 new cases.**
- **The growth rate in newly declared cases increased by 57% 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 91%, 102%,98%, 55%, 58% and 154% 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 3,36,202 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 28/1/2022

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
5881133	5494185	65303	63674	1629	52786	17592

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)
50812	47649	60529	59143	1386	8	86	311

Table 3. Cumulative summary as on 29/01/2022

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
5931945	336202	5541834	498406	486748	11658	53191	17903

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	6647	8235	46202
Kollam	3747	4377	27595
Pathanamthitta	2176	1748	15618
Alappuzha	2213	1785	16632
Kottayam	4123	3033	23744
Idukki	1936	1445	16617
Ernakulam	11103	8571	60874
Thrissur	3822	5905	26171
Palakkad	2748	2335	21390
Malappuram	2996	2809	20220
Kozhikode	4490	4331	31595
Wayanad	1593	829	9147
Kannur	2252	1673	14147
Kasaragod	966	573	6250
Total	50812	47649	336202

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	31	64	0	95
Kollam	4	0	0	4
Pathanamthitta	3	0	0	3
Alappuzha	10	69	0	79
Kottayam	6	15	0	21
Idukki	0	0	0	0
Ernakulam	5	20	0	25
Thrissur	9	51	0	60
Palakkad	5	34	0	39
Malappuram	8	40	0	48
Kozhikode	6	13	0	19
Wayanad	2	1	0	3
Kannur	5	0	0	5
Kasaragod	0	4	0	4
Total	94	311	0	405

- 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	5931446
Cases with history of International/Interstate travel	69615
Cases with history of contact	5861831

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

Total cases	50812
Cases with history of International/Interstate travel	208
Cases with history of contact	46853
Cases with no history of travel or contact	3751

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Ahammad Kabeer	Elakamon	61	Male	22-01-2022
2	Thiruvananthapuram	Ansar	Neyyattinkara	62	Male	27-01-2022
3	Thiruvananthapuram	Arifa Beegam S	Manickal	70	Female	27-01-2022
4	Thiruvananthapuram	Arundhathi	Nellanad	82	Female	25-01-2022
5	Thiruvananthapuram	A Sasidharan Pillai	Nedumangad	72	Male	24-01-2022
6	Thiruvananthapuram	Bhaskar K G	Malayinkeezhu	83	Male	27-01-2022
7	Thiruvananthapuram	C Sudharmani	Thiruvananthapuram	64	Female	26-01-2022
8	Thiruvananthapuram	Divya	Kadinamkulam	21	Female	28-01-2022
9	Thiruvananthapuram	George L	Thiruvananthapuram	62	Male	25-01-2022
10	Thiruvananthapuram	Harikumar Nair	Thiruvananthapuram	80	Male	23-01-2022
11	Thiruvananthapuram	Hbn Pillai	Thiruvananthapuram	75	Male	26-01-2022
12	Thiruvananthapuram	Jayakumar	Thiruvananthapuram	59	Male	24-01-2022
13	Thiruvananthapuram	K Raveendran	Poovar	73	Male	18-01-2022
14	Thiruvananthapuram	Krishna Kumar	Thiruvananthapuram	50	Male	22-01-2022
15	Thiruvananthapuram	Krishnamma M	Vilavoorkal	85	Female	26-01-2022
16	Thiruvananthapuram	Krishnan Kutty Nair K	Thiruvananthapuram	79	Male	25-01-2022
17	Thiruvananthapuram	Laila Beevi	Thiruvananthapuram	55	Female	25-01-2022
18	Thiruvananthapuram	Lalitha	Pallichal	73	Female	27-01-2022
19	Thiruvananthapuram	Lalitha	Venganoor	88	Female	12-01-2022
20	Thiruvananthapuram	M G Prasanna Kumar	Thiruvananthapuram	79	Male	25-01-2022
21	Thiruvananthapuram	Mony M	Neyyattinkara	67	Male	28-01-2022

22	Thiruvananthapuram	Omana	Thiruvananthapuram	72	Female	23-01-2022
23	Thiruvananthapuram	Raveendran	Thiruvananthapuram	53	Male	24-01-2022
24	Thiruvananthapuram	Ravikumar Ks	Neyyattinkara	67	Male	22-01-2022
25	Thiruvananthapuram	Selva Mari Ammal	Parassala	45	Female	26-01-2022
26	Thiruvananthapuram	Thankappan	Chenkal	72	Male	26-01-2022
27	Thiruvananthapuram	Thresiamma Babu	Thiruvananthapuram	69	Female	26-01-2022
28	Thiruvananthapuram	Valsala	Balaramapuram	62	Female	23-01-2022
29	Thiruvananthapuram	Vasanthi A	Parassala	64	Female	22-01-2022
30	Thiruvananthapuram	Veena Nath	Karavaram	23	Female	25-01-2022
31	Thiruvananthapuram	Vikraman Nair R	Thiruvananthapuram	83	Male	27-01-2022
32	Kollam	Aliyaru Kuju	Anchal	74	Male	24-01-2022
33	Kollam	K M Joseph	Vettikavala	80	Male	27-01-2022
34	Kollam	Sainudheen	Karunagappally	65	Male	21-01-2022
35	Kollam	Sajith	Mayyanad	41	Male	28-01-2022
36	Pathanamthitta	Kalyani Keshavan	Ranni	80	Female	24-01-2022
37	Pathanamthitta	Mammen P V	Koipram	80	Male	25-01-2022
38	Pathanamthitta	Rajamma	Ranni	80	Female	26-01-2022
39	Alappuzha	Alexander M E	Chengannur	67	Male	25-01-2022
40	Alappuzha	George Antony	Cherthala South	69	Male	21-01-2022
41	Alappuzha	Haridas	Krishnapuram	64	Male	24-01-2022
42	Alappuzha	Jacob Mathew	Mavelikkara	72	Male	19-01-2022
43	Alappuzha	Laju P	Panavally	53	Male	22-01-2022
44	Alappuzha	Muraleedharan Nair	Mavelikkara - Thamarakkulam	61	Male	22-01-2022
45	Alappuzha	Radha Sukumaran	Arookutty	74	Female	26-01-2022
46	Alappuzha	Ramachandran	Vayalar	61	Male	25-01-2022
47	Alappuzha	Thankamma	Chunakkara	60	Female	24-01-2022
48	Alappuzha	Thomas Yohannan	Mavelikkara Thekkekkara	67	Male	15-01-2022
49	Kottayam	Babu K V	Athirampuzha	80	Male	27-01-2022
50	Kottayam	George Koshy	Kottayam	92	Male	15-01-2022
51	Kottayam	P J Varghese	Mulakkulam	87	Male	27-01-2022
52	Kottayam	Raghavan	Pala	87	Male	20-01-2022
53	Kottayam	Sivan M M	Kottayam	63	Male	23-01-2022
54	Kottayam	T K Ramakrishna Panicker	Kottayam	75	Male	11-01-2022
55	Ernakulam	Babu N K	Muvattupuzha	61	Male	25-01-2022
56	Ernakulam	Mariyamma Jose	Thrikkakara	81	Female	25-01-2022
57	Ernakulam	Ponnamma	Muvattupuzha	70	Female	24-01-2022
58	Ernakulam	Sudhakaran P S	Kochi	62	Male	27-01-2022
59	Ernakulam	Surendran K K	Thrippunithura	75	Male	25-01-2022
60	Thrissur	Khalid N B	Mala	72	Male	26-01-2022
61	Thrissur	Kunjiraman	Irinjalakuda	94	Male	23-01-2022

62	Thrissur	Lazer	Pavaratty	67	Male	27-01-2022
63	Thrissur	Mary Antony	Aloor	75	Female	24-01-2022
64	Thrissur	Prabakaran	Kaiparambu	73	Male	20-01-2022
65	Thrissur	Raghavan	Chelakkara	88	Male	24-01-2022
66	Thrissur	Thankamma K O	Thrishur	70	Female	22-01-2022
67	Thrissur	Vareed	Thrishur	75	Male	24-01-2022
68	Thrissur	Vinu	Thrishur	55	Male	24-01-2022
69	Palakkad	Dipukuttan D	Kuthanur	32	Male	26-01-2022
70	Palakkad	Hamza Kk	Kanjirapuzha	76	Male	27-01-2022
71	Palakkad	Kalyani	Koduvayur	45	Female	28-01-2022
72	Palakkad	Laila	Chittur-Thathamangalam	56	Female	28-01-2022
73	Palakkad	Usman A	Alathur	80	Male	26-01-2022
74	Malappuram	Aravidakshan T K	Ponnani	79	Male	26-01-2022
75	Malappuram	Janaki	Malappuram	80	Female	27-01-2022
76	Malappuram	Kannamma	Edakkara	80	Female	21-01-2022
77	Malappuram	Kotha	Malappuram	61	Female	26-01-2022
78	Malappuram	Moideen Alukkal	Kottakkal	52	Male	26-01-2022
79	Malappuram	Padmini	Mampad	75	Female	27-01-2022
80	Malappuram	Valli	Thiruvalli	82	Female	29-01-2022
81	Malappuram	Veluthol	Edakkara	60	Female	28-01-2022
82	Kozhikode	Aniyara	Kayanna	75	Female	27-01-2022
83	Kozhikode	Kumaran	Kavilumpara	75	Male	26-01-2022
84	Kozhikode	Kunhi Kannan	Faroke	81	Male	27-01-2022
85	Kozhikode	Rajan	Perumanna	64	Male	22-01-2022
86	Kozhikode	Suresh Varma	Kozhikode	65	Male	24-01-2022
87	Kozhikode	Yashoda	Kozhikode	75	Female	27-01-2022
88	Wayanad	Leelamma	Meenangadi	53	Female	28-01-2022
89	Wayanad	Sathyabhama	Kottathara	57	Female	27-01-2022
90	Kannur	Abdhul Azees A	Ancharakandy	77	Male	26-01-2022
91	Kannur	Bhaskaran	Pinarayi	60	Male	24-01-2022
92	Kannur	Krishnan	Pinarayi	77	Male	23-01-2022
93	Kannur	Premalatha	Kannur	84	Female	26-01-2022
94	Kannur	Radha V	Kankole- Alapadamba	59	Female	26-01-2022

*Deaths in last 24 hours : 8

*Deaths declared in the last 24 hours but of previous days due to late receiving of documents : 86

*Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 311

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

Table 9. Summary of critical patients

Patients in ICUs	1343
Patients on Ventilator support	315

**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
43739120	18971737	77321	135909	880349	140220	48829	23484561

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
110970	57815	234	853	1314	259	50495

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	84226	82123	2103	373
Kollam	52777	51987	790	93
Pathanamthitta	22026	21303	723	42
Alappuzha	33429	33068	361	85
Kottayam	32069	31052	1017	0
Idukki	16920	16538	382	36
Ernakulam	70267	68249	2018	120
Thrissur	31895	30907	988	196
Palakkad	33114	32476	638	87
Malappuram	38732	38233	499	78
Kozhikode	34845	33697	1148	118
Wayanad	12655	12406	249	52
Kannur	16690	16218	472	89
Kasaragod	18761	18491	270	17
Total	498406	486748	11658	1386

Table 13. Summary of Travel surveillance 29/01/2022

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-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-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*