



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

www.health.kerala.gov.in

www.dhs.kerala.gov.in

controlroomdhsKERALA@gmail.com

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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.

GENERAL GUIDELINES

- Maintain SMS (Social Distancing, Mask and Sanitize) and remain in ventilated environment
- Protect the elderly and the vulnerable- Observe reverse quarantine
- COVID-19 vaccines protect people from getting infected and becoming severely ill and significantly reduce the likelihood of hospitalization and death.
- All those eligible for COVID vaccination should take the appropriate dose of the vaccine without delay
- Come forward for vaccination for the age group of 15-17 years .
- Additional precautionary dose is available for those who have taken 2 doses and completed nine months since 2nd dose for >60 yrs, Health Care Workers, and people with comorbidities.
- Non-vaccinated people with comorbidities have higher chances of severe illness and death. Hence people with comorbidities should receive vaccination and always follow COVID appropriate behaviour. Avoid social gathering. Remain in reverse quarantine to the extend possible.
- Antigen testing should be resorted for emergency purposes. Non vaccinated people with comorbidities in case of developing symptoms should preferably do RTPCR testing and consult a doctor.

Home Isolation Mandates

- Over the past two years, it has been seen globally that majority of cases of COVID-19 are either asymptomatic or have very mild symptoms. Such patients usually recover with minimal interventions and accordingly can be managed at home under proper medical guidance and monitoring
- A caregiver (ideally someone who has completed his COVID-19 vaccination schedule) should be available to provide care on a 24 x7 basis to Covid Positive Patients under Home Isolation. A communication link between the caregiver and a Medical Officer is a prerequisite for the entire duration of home isolation.
- The patient must isolate himself from other household members, stay in the identified room and be away from other people at home, especially the elderly and those with co-morbid conditions like hypertension, cardiovascular disease and renal diseases. The room selected for isolation should preferably be a well-ventilated room with cross ventilation, and windows should be kept open to allow fresh air
- People with co-morbidities once detected with covid infection should visit Health institution.

When to seek medical attention?

- Immediate medical attention must be sought if severe signs or symptoms develop. These could include. Unresolved High-grade fever (more than 100° F for more than three days) ii. Difficulty in breathing, iii. Dip in oxygen saturation ($SpO_2 \leq 93\%$ on room air at least three readings within 1 hour) or respiratory rate $>24/$ min iv. Persistent pain/pressure in the chest, v. Mental confusion or inability to arouse, vi. Severe fatigue and myalgia

Covid 19 status- Analytical Note

- Kerala is the state with the highest rate of vaccination- 1471893 Vaccination/Million
- 100% of the eligible population vaccinated with a single dose of vaccine (2,68,98,954) and 86% with a double dose (2,30,31,075) till February 26. 77% of the 15-17 age group vaccinated with a single dose of vaccine (11,81,100) and 33% with a double dose (5,03,778). The state has vaccinated more than 97% of people aged over 45 years with a single dose and 86% with a double dose.
- During February 19 – February 25, the average active cases were 54,262 out of them, an average of 1.6% only were admitted in oxygen beds, and 1.2% were in ICU.
- Out of the total 32,980 cases, only 7.2% of the active cases are admitted either in hospital/Field hospitals. [Non-KASP hospital occupancy too included]

PART- 1 SUMMARY OF COVID CASES AND DEATH

Table 1. Summary of COVID-19 cases till 25/2/2022

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
6491418	6388398	5567	5214	353	64980	26067

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)
3262	7339	5515	5210	305	9	56	116

Table 3. Cumulative summary as on 26/02/2022

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
6494680	32980	6395737	111564	109157	2407	65161	26183

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	638	685	4314
Kollam	268	219	2541
Pathanamthitta	159	318	1396
Alappuzha	155	479	1894
Kottayam	314	790	3125
Idukki	161	710	2542
Ernakulam	552	1486	5570
Thrissur	235	714	2930
Palakkad	127	351	1010
Malappuram	128	448	2062
Kozhikode	232	624	2728
Wayanad	108	330	1525
Kannur	122	70	930
Kasaragod	63	115	413
Total	3262	7339	32980

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&FWD Dated 29 September (B)	Death Cases approved today (A+B)
Thiruvananthapuram	5	12	17
Kollam	4	75	79
Pathanamthitta	1	0	1
Alappuzha	5	2	7
Kottayam	6	1	7
Idukki	3	0	3
Ernakulam	7	0	7
Thrissur	13	0	13
Palakkad	4	20	24
Malappuram	1	5	6
Kozhikode	4	1	5
Wayanad	1	0	1
Kannur	11	0	11
Kasaragod	0	0	0
Total	65	116	181

- 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	6494181
Cases with history of International/Interstate travel	74765
Cases with history of contact	6419416

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

Total cases	3262
Cases with history of International/Interstate travel	17
Cases with history of contact	3097
Cases with no history of travel or contact	148

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 Rahiman K	Vembayam	75	Male	21-02-2022
2	Thiruvananthapuram	Baby Titus	Thiruvananthapuram	62	Female	25-02-2022
3	Thiruvananthapuram	Francis	Chirayinkeezhu	80	Male	20-02-2022
4	Thiruvananthapuram	K Sasidharan	Vilappil	65	Male	25-02-2022
5	Thiruvananthapuram	Reghunadhan	Aryanad	71	Male	24-02-2022
6	Kollam	Arifa Beevi	Mayyanad	65	Female	19-12-2021
7	Kollam	Ayisha Beevi	Punalur	84	Female	06-09-2021
8	Kollam	C D Mathew Kutty	Sooranad South	71	Male	20-02-2022
9	Kollam	Stames	Kollam	50	Male	22-02-2022
10	Pathanamthitta	Mani	Panthalam-Thekkekkara	55	Female	25-02-2022
11	Alappuzha	Achamma Abraham	Mavelikkara	91	Female	19-02-2022
12	Alappuzha	Aleyamma	Kayamkulam	66	Female	24-02-2022
13	Alappuzha	Gopalakrishnan K K	Vallikunnam	67	Male	24-02-2022
14	Alappuzha	Prasannakumar N	Mavelikkara Thekkekkara	69	Male	24-12-2021
15	Alappuzha	P Viswambharan	Kanjikkuzhy	69	Male	25-02-2022
16	Kottayam	Aleyamma	Kaduthuruthy	79	Female	24-02-2022
17	Kottayam	Leelamma Mathew	Ettumanoor	81	Female	21-02-2022
18	Kottayam	Lillykutty Joseph	Thrikkodithanam	77	Female	24-02-2022
19	Kottayam	Mathew Ulakamthara	Kottayam	90	Male	24-02-2022
20	Kottayam	Merry Thomas	Chirakkadavu	81	Female	22-02-2022
21	Kottayam	Thomas Thomas	Parathodu	85	Male	22-02-2022

22	Idukki	Hussainar	Vannappuram	77	Male	18-02-2022
23	Idukki	Joseph Joseph	Kamakshy	91	Male	21-02-2022
24	Idukki	Mary Thomas	Karimannoor	92	Female	24-02-2022
25	Ernakulam	John K J	Thirumaradi	72	Male	11-02-2022
26	Ernakulam	Jose P C	Okkal	75	Male	22-02-2022
27	Ernakulam	K J Mathew	Thirumaradi	80	Male	17-02-2022
28	Ernakulam	Kochiya	Maneedu	75	Female	22-02-2022
29	Ernakulam	N K Girijan	Kumbalam	57	Male	23-02-2022
30	Ernakulam	Raju	Arakkuzha	55	Male	25-02-2022
31	Ernakulam	Wesley Daniel	Kochi	67	Male	24-02-2022
32	Thrissur	Azhakan	Eriyad	86	Male	24-02-2022
33	Thrissur	Devayani	Anthikkad	84	Female	24-02-2022
34	Thrissur	Komalavalli	Engandiyoor	73	Female	24-02-2022
35	Thrissur	Kumaran	Parappookkara	56	Male	25-02-2022
36	Thrissur	Kumaran E K	Padiyoor	79	Male	24-02-2022
37	Thrissur	Lucy Thomas	Puthur	67	Male	22-02-2022
38	Thrissur	Muhammadali	Perinjanam	78	Male	24-02-2022
39	Thrissur	Narayanankutty K A	Vadakkancherry	74	Male	23-02-2022
40	Thrissur	Parameswaran	Kodakara	70	Male	21-02-2022
41	Thrissur	Ramakrishnan Nair	Chelakkara	85	Male	21-02-2022
42	Thrissur	Thoma	Pananchery	92	Male	24-02-2022
43	Thrissur	Thomas	Pariyaram	87	Male	24-02-2022
44	Thrissur	Viswambaran K	Puthur	73	Male	19-02-2022
45	Palakkad	Krishnadas C	Kozhinjampara	49	Male	24-02-2022
46	Palakkad	Narayanankutty	Lekkidi-Perur	78	Male	24-02-2022
47	Palakkad	Radhakrishnan Nair	Shornur	85	Male	24-02-2022
48	Palakkad	Thankamma Joseph	Kodumba	88	Female	22-02-2022
49	Malappuram	Uneen Kutty	Pulamanthole	55	Male	22-02-2022
50	Kozhikode	Balakrishnan	Chorode	70	Male	19-02-2022
51	Kozhikode	Meri Varkki	Kattippara	75	Female	26-02-2022
52	Kozhikode	Parayi	Atholi	100	Female	06-02-2022
53	Kozhikode	Vijayan	Onchiyam	56	Male	26-02-2022
54	Wayanad	Ithima	Meppadi	81	Female	07-02-2022
55	Kannur	Abdul Rasheed	Kannur	65	Male	23-02-2022
56	Kannur	Annakutty Joy	Payyavoor	58	Female	23-02-2022
57	Kannur	Kadheeja	Chirakkal	65	Female	09-02-2022
58	Kannur	Karayi Premarajan	Kannur	74	Male	08-02-2022
59	Kannur	Karthayani K	Kannur	86	Female	09-02-2022
60	Kannur	Keshavan Namboothiri	Karivellur- Peralam	58	Male	24-02-2022
61	Kannur	Mammu M	Mattool	85	Male	22-02-2022
62	Kannur	Narayanan	Sreekandapuram	72	Male	25-02-2022

63	Kannur	Santha	Kuttiattoor	70	Female	11-02-2022
64	Kannur	Soumini	Ancharakandy	80	Female	19-02-2022
65	Kannur	Thressiamma	Eruvessy	94	Female	15-02-2022

*Deaths in last 24 hours : 9

*Deaths declared in the last 24 hours but of previous days due to late receiving of documents : 56

*Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 116

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

Table 9. Summary of critical patients

Patients in ICUs	477
Patients on Ventilator support	139

**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
45915058	20254078	77321	140649	900083	201228	53307	24288392

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
41753	24472	113	501	72	99	16496

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	10870	10639	231	30
Kollam	9884	9723	161	18
Pathanamthitta	26683	26549	134	133
Alappuzha	2466	2388	78	10
Kottayam	10864	10635	229	0
Idukki	4790	4705	85	11
Ernakulam	8776	8450	326	29
Thrissur	8026	7873	153	15
Palakkad	13144	13064	80	10
Malappuram	4891	4725	166	13
Kozhikode	4859	4576	283	11
Wayanad	1418	1350	68	11
Kannur	2050	1801	249	11
Kasaragod	2843	2679	164	3
Total	111564	109157	2407	305

Table 13. Summary of Travel surveillance 26/02/2022

Mode of Travel	Cumulative number of Passengers
International airport	3215843
Total	3215843

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. **1049** 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	1049
Total Psychosocial support calls made to persons in quarantine/ isolation.	80,53,501
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	10,10,657
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	95,255
Total calls to all categories of Persons	1,39,17,656

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*