



**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- 1474917 Vaccination/Million
- 100% of the eligible population vaccinated with a single dose of vaccine (2,69,03,301) and 86% with a double dose (2,30,64,914) till March 03. 77% of the 15-17 age group vaccinated with a single dose of vaccine (11,84,958) and 35% with a double dose (5,34,907). 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 24 – March 2, the average active cases were 30,710 out of them, an average of 1.7% only were admitted in oxygen beds, and 1.3% were in ICU.
- Out of the total 19,051 cases, only 8.4% 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 02/03/2022

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
6504433	6416369	3749	3518	231	65597	26462

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)
2222	4673	3421	3197	224	3	70	88

Table 3. Cumulative summary as on 03/03/2022

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
6506655	19051	6421042	83309	81767	1542	65758	26550

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	432	847	2688
Kollam	197	121	1399
Pathanamthitta	100	243	876
Alappuzha	114	240	1005
Kottayam	213	536	1940
Idukki	118	296	1558
Ernakulam	354	650	3341
Thrissur	126	342	1586
Palakkad	70	223	273
Malappuram	102	330	1075
Kozhikode	177	415	1445
Wayanad	89	227	840
Kannur	85	168	772
Kasaragod	45	35	253
Total	2222	4673	19051

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	10	17	27
Kollam	3	0	3
Pathanamthitta	3	0	3
Alappuzha	11	25	36
Kottayam	7	3	10
Idukki	0	1	1
Ernakulam	13	0	13
Thrissur	10	22	32
Palakkad	3	5	8
Malappuram	0	5	5
Kozhikode	5	8	13
Wayanad	3	2	5
Kannur	5	0	5
Kasaragod	0	0	0
Total	73	88	161

- 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	6506156
Cases with history of International/Interstate travel	74806
Cases with history of contact	6431350

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

Total cases	2222
Cases with history of International/Interstate travel	10
Cases with history of contact	2118
Cases with no history of travel or contact	94

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 Majeed A	Manickal	87	Male	02-03-2022
2	Thiruvananthapuram	Ahannad Kunju	Vithura	83	Male	15-02-2022
3	Thiruvananthapuram	Ani	Thiruvananthapuram	67	Male	25-02-2022
4	Thiruvananthapuram	Dhini	Athiyanthoor	34	Female	09-02-2022
5	Thiruvananthapuram	Kumar	Cherunniyoor	50	Male	01-03-2022
6	Thiruvananthapuram	Lalitha	Athiyanthoor	77	Female	27-02-2022
7	Thiruvananthapuram	Nagendran	Poovachal	49	Male	25-01-2022
8	Thiruvananthapuram	Rajamma	Thiruvananthapuram	82	Female	25-02-2022
9	Thiruvananthapuram	Sugunan Nair S	Attingal	65	Male	17-02-2022
10	Thiruvananthapuram	Udayakumari	Thiruvananthapuram	76	Female	10-02-2022
11	Kollam	Chandramathiamma	Pattazhi Vadakkekara	67	Female	22-02-2022
12	Kollam	Husaiba Beevi	Kummil	62	Female	20-02-2022
13	Kollam	Madavan Pillai	Kollam	84	Male	01-03-2022
14	Pathanamthitta	Janaki Amma	Kulanada	82	Female	17-02-2022
15	Pathanamthitta	Prasanna Kumari	Thiruvalla	52	Female	25-02-2022
16	Pathanamthitta	Somasekhara Pillai	Adoor	68	Male	27-02-2022
17	Alappuzha	Antappan	Aroor	57	Male	13-02-2022
18	Alappuzha	Biju J	Edathua	42	Male	27-02-2022
19	Alappuzha	Cherian George	Thalavady	77	Male	27-02-2022
20	Alappuzha	Elizabeth	Mannanchery	74	Female	28-02-2022
21	Alappuzha	Mohanan	Pattanakkad	75	Male	26-02-2022
22	Alappuzha	P K Oommen	Alappuzha	88	Male	14-02-2022

23	Alappuzha	Prabhakaran V K	Devikulangara	84	Male	25-02-2022
24	Alappuzha	Pushkaran	Thrikkunnappuzha	69	Male	27-02-2022
25	Alappuzha	Reghu	Krishnapuram	49	Male	03-03-2022
26	Alappuzha	Rosamma Job	Thycattussery	84	Female	28-02-2022
27	Alappuzha	Sebastian	Chennithala Thripperuthura	74	Male	27-02-2022
28	Kottayam	Fathima Khankutty	Kanjirappally	92	Female	17-02-2022
29	Kottayam	Gopinathan Nair	Nedumkunnam	86	Male	01-03-2022
30	Kottayam	Joseph Mathew	Vazhappally	70	Male	21-02-2022
31	Kottayam	K K Pavithran	Neendoor	63	Male	01-03-2022
32	Kottayam	Sabu A S	Kottayam	63	Male	08-02-2022
33	Kottayam	Sreedharan Nair	Uzhavoor	73	Male	22-02-2022
34	Kottayam	Sunny Joseph	Kidangoor	63	Male	17-02-2022
35	Ernakulam	Babu P G	North Paravur	72	Male	10-02-2022
36	Ernakulam	Baby P P	Malayattoor- Neeleeswaram	49	Male	04-02-2022
37	Ernakulam	Dawood V F	Paipra	60	Male	21-02-2022
38	Ernakulam	Dushyandhan A P	Angamaly	57	Male	19-02-2022
39	Ernakulam	Elezabath Xavier	Maradu	45	Female	21-02-2022
40	Ernakulam	Kathrikutty Antony	Kochi	82	Female	22-02-2022
41	Ernakulam	K P Moidutty	Kochi	93	Male	16-02-2022
42	Ernakulam	Makkar M I	Kunnathunad	69	Male	25-02-2022
43	Ernakulam	P C Poullose	Nedumbassery	77	Male	06-02-2022
44	Ernakulam	P K Thankappan	Maradu	80	Male	01-03-2022
45	Ernakulam	P P Mathew	Kothamangalam	91	Male	19-02-2022
46	Ernakulam	Radhamani Gopi	Thirumaradi	56	Female	26-02-2022
47	Ernakulam	Stanly Mendez	Kochi	83	Male	23-02-2022
48	Thrissur	Devayani	Manalur	77	Female	09-02-2022
49	Thrissur	Devayani M K	Adat	68	Female	20-10-2021
50	Thrissur	Fr Simon Pc	Kattakampal	87	Male	17-02-2022
51	Thrissur	Joseph P J	Aloor	68	Male	29-09-2021
52	Thrissur	Mathew	Kodassery	73	Male	25-02-2022
53	Thrissur	Rappai	Pariyaram	76	Male	28-02-2022
54	Thrissur	Sajitha P V	Thrishur	38	Female	22-02-2022
55	Thrissur	Sankaran N I	Kadavallloor	72	Male	01-03-2022
56	Thrissur	Saraswathiyamma	Vadakkancherry	89	Female	07-10-2021
57	Thrissur	Varghese	Chalakydy	82	Male	04-02-2022
58	Palakkad	Mundichi	Lekkidi-Perur	87	Female	19-11-2021
59	Palakkad	Radhakrishnan	Nemmara	78	Male	01-03-2022
60	Palakkad	Rasak Thangal	Lekkidi-Perur	78	Male	23-02-2022
61	Kozhikode	Abdu	Purameri	70	Male	01-03-2022
62	Kozhikode	Annamma Skriya	Chakkittappara	60	Female	01-03-2022

63	Kozhikode	Kadeeja	Chekkiad	78	Female	07-09-2021
64	Kozhikode	Madhavi	Vadakara	76	Female	01-03-2022
65	Kozhikode	Madhavi	Koduvally	90	Female	11-02-2022
66	Wayanad	C R Sajeevan	Pulpally	62	Male	28-02-2022
67	Wayanad	P Kesavan	Mananthavady	87	Male	02-03-2022
68	Wayanad	Shivaraman	Poothady	76	Male	28-02-2022
69	Kannur	Mohanan M	Mattannur	68	Male	27-02-2022
70	Kannur	Rajan	Mangattidam	66	Male	01-03-2022
71	Kannur	R Karunakaran	Eranholi	93	Male	01-03-2022
72	Kannur	Sulochana P P	Thalassery	90	Female	28-02-2022
73	Kannur	Vasanthan M P	Kannur	82	Male	28-02-2022

*Deaths in last 24 hours : 3

*Deaths declared in the last 24 hours but of previous days due to late receiving of documents : 70

*Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 88

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

Table 9. Summary of critical patients

Patients in ICUs	326
Patients on Ventilator support	97

**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
46092614	20355628	77321	141202	902636	201461	53769	24360597

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
36061	19611	159	581	29	113	15568

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	7894	7765	129	17
Kollam	4708	4591	117	28
Pathanamthitta	26234	26129	105	102
Alappuzha	1186	1149	37	4
Kottayam	10082	9917	165	0
Idukki	3684	3617	67	6
Ernakulam	5317	5097	220	16
Thrissur	6046	5976	70	14
Palakkad	8587	8535	52	7
Malappuram	2795	2729	66	2
Kozhikode	3297	3122	175	5
Wayanad	756	712	44	5
Kannur	1144	1023	121	12
Kasaragod	1579	1405	174	6
Total	83309	81767	1542	224

Table 13. Summary of Travel surveillance 03/03/2022

Mode of Travel	Cumulative number of Passengers
International airport	3253598
Total	3253598

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://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*