



**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.

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- 1427187 Vaccination/Million
- 100% of the eligible population vaccinated with a single dose of vaccine (2,68,10,928) and 84% with a double dose (2,24,66,449) till January 31. 71% of the 15-17 age group vaccinated with a single dose of vaccine (10,75,226). The state has vaccinated more than 97% of people aged over 45 years with a single dose and 84% with a double dose.
- During January 24 – January 30, the average active cases were 3,11,418 out of them, an average of 0.9% only were admitted in oxygen beds, and 0.4% were in ICU.
- Out of the total 3,57,552 cases, only 3.2% 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 30/1/2022

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
5983515	5574535	72348	71089	1259	53666	18277

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)
42154	38458	55383	54043	1340	10	81	638

Table 3. Cumulative summary as on 31/01/2022

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
6025669	357552	5612993	537909	525238	12671	54395	18915

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	3271	6827	40757
Kollam	2817	2353	30604
Pathanamthitta	1338	2244	13880
Alappuzha	2074	1541	17798
Kottayam	2840	1099	26924
Idukki	1451	1317	16920
Ernakulam	9453	7632	70958
Thrissur	6177	4538	33870
Palakkad	2718	2121	22869
Malappuram	2463	2165	22113
Kozhikode	4074	2805	30923
Wayanad	1062	927	9621
Kannur	1572	1260	14648
Kasaragod	844	1629	5667
Total	42154	38458	357552

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	27	63	90
Kollam	13	0	13
Pathanamthitta	6	0	6
Alappuzha	0	182	182
Kottayam	6	0	6
Idukki	0	34	34
Ernakulam	11	36	47
Thrissur	2	126	128
Palakkad	0	18	18
Malappuram	9	21	30
Kozhikode	6	71	77
Wayanad	4	25	29
Kannur	4	46	50
Kasaragod	3	16	19
Total	91	638	729

- 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	6025170
Cases with history of International/Interstate travel	69966
Cases with history of contact	5955204

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

Total cases	42154
Cases with history of International/Interstate travel	174
Cases with history of contact	38746
Cases with no history of travel or contact	3234

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Aboobaker	Thiruvananthapuram	78	Male	28-01-2022
2	Thiruvananthapuram	Binu Kumar	Neyyattinkara	47	Male	29-11-2021
3	Thiruvananthapuram	Chandrika	Neyyattinkara	58	Female	23-06-2021
4	Thiruvananthapuram	Girija Devi M	Thiruvananthapuram	72	Female	30-01-2022
5	Thiruvananthapuram	Indira	Neyyattinkara	72	Female	25-01-2022
6	Thiruvananthapuram	Jayakumari C	Thiruvananthapuram	54	Female	30-01-2022
7	Thiruvananthapuram	Kadali Subramanya	Thiruvananthapuram	37	Male	30-09-2021
8	Thiruvananthapuram	Krishnamma	Thiruvananthapuram	73	Female	18-09-2021
9	Thiruvananthapuram	Maniyan Asari	Thiruvananthapuram	77	Male	29-01-2022
10	Thiruvananthapuram	Maniyan N	Ottasekaramangalam	60	Male	31-01-2022
11	Thiruvananthapuram	Muraleedharan Nair	Varkala	66	Male	26-01-2022
12	Thiruvananthapuram	Philip		79	Male	26-01-2022
13	Thiruvananthapuram	Philipose	Kulathoor	65	Male	20-12-2021
14	Thiruvananthapuram	P R R Nair	Thiruvananthapuram	77	Male	30-01-2022
15	Thiruvananthapuram	Radha P	Balaramapuram	79	Female	28-01-2022
16	Thiruvananthapuram	Ramesh Kumar	Thiruvananthapuram	55	Male	29-01-2022
17	Thiruvananthapuram	Raveendranathan B	Balaramapuram	72	Male	27-01-2022
18	Thiruvananthapuram	Sankaran V Potty	Thiruvananthapuram	73	Male	29-01-2022
19	Thiruvananthapuram	Santha	Thiruvananthapuram	72	Female	13-12-2021
20	Thiruvananthapuram	Santhamma	Thiruvananthapuram	70	Female	09-12-2021

21	Thiruvananthapuram	Santha R	Kilimanoor	59	Female	28-01-2022
22	Thiruvananthapuram	Sarojini K	Kallara	87	Female	22-01-2022
23	Thiruvananthapuram	Stanly George	Thiruvananthapuram	62	Male	30-09-2021
24	Thiruvananthapuram	Suresh K Nair	Thiruvananthapuram	57	Male	31-01-2022
25	Thiruvananthapuram	Thankappan Achari	Attingal	81	Male	24-01-2022
26	Thiruvananthapuram	Vasantha A	Thiruvananthapuram	60	Female	29-01-2022
27	Thiruvananthapuram	Viswanantha Pillai	Thiruvananthapuram	92	Male	31-01-2022
28	Kollam	Aliyarukutty	Karunagappally	67	Male	25-01-2022
29	Kollam	Bhavanikunjamma	Ummannoor	80	Female	27-01-2022
30	Kollam	Jaleel	Thodiyoor	58	Male	26-01-2022
31	Kollam	Kamalakshi	Kottamkara	75	Female	29-01-2022
32	Kollam	Mary Mathai	Pathanapuram	76	Female	22-01-2022
33	Kollam	Mhd Shareef	Kollam	54	Male	25-01-2022
34	Kollam	Nabeesa Beevi	Kollam	59	Female	28-01-2022
35	Kollam	Nakulan	Kalluvathukkal	70	Male	25-01-2022
36	Kollam	Padmanaban	Karunagappally	84	Male	27-01-2022
37	Kollam	Ponnamma	Anchal	70	Female	17-01-2022
38	Kollam	Sajeev	Kollam	54	Male	28-01-2022
39	Kollam	Sharafudeen	Chithara	60	Male	29-01-2022
40	Kollam	Sivadasan	Mandrothuruthu	88	Male	24-01-2022
41	Pathanamthitta	Aleyamma Pothan	Niranam	86	Female	16-01-2022
42	Pathanamthitta	Nalini Kunju Paniker	Niranam	73	Female	16-01-2022
43	Pathanamthitta	Narayani	Panthalam-Thekkekkara	68	Female	26-01-2022
44	Pathanamthitta	Ramachandran	Pandalam	87	Male	27-01-2022
45	Pathanamthitta	Sumathiyamma	Ayiroor	75	Female	27-01-2022
46	Pathanamthitta	Valsamma Rajan	Adoor	57	Female	25-01-2022
47	Kottayam	Ashokan	Karukachal	58	Male	23-01-2022
48	Kottayam	Aysha	Erattupetta	104	Female	30-01-2022
49	Kottayam	Jamaludheen	Changanassery	71	Male	21-01-2022
50	Kottayam	Jessymol Joseph	Karoor	49	Female	23-01-2022
51	Kottayam	Rachel	Vazhappally	91	Female	24-01-2022
52	Kottayam	Sulochana Amma	Maravanthuruthu	81	Female	28-01-2022
53	Ernakulam	Byju	Kochi	52	Male	27-01-2022
54	Ernakulam	Geetha	Marady	53	Female	26-01-2022
55	Ernakulam	Janaki Gopalan	Kadungalloor	95	Female	26-01-2022
56	Ernakulam	Joseph	Edakkattuvayal	96	Male	23-01-2022
57	Ernakulam	Joseph Ca	Perumbavoor	78	Male	29-01-2022
58	Ernakulam	Karuppan	Parakkadavu	90	Male	26-01-2022
59	Ernakulam	Kuttappan	Varapuzha	80	Male	28-01-2022
60	Ernakulam	Lucy Jose	Kothamangalam	68	Female	19-01-2022
61	Ernakulam	M P Aliyar	Perumbavoor	59	Male	21-01-2022

62	Ernakulam	Sebiya	Eloor	62	Female	27-01-2022
63	Ernakulam	V K Sukumaran	Kochi	82	Male	24-01-2022
64	Thrissur	Hemamalini	Kadavallloor	65	Female	29-01-2022
65	Thrissur	Leela Koran	Nenmanikkara	76	Female	23-01-2022
66	Malappuram	Abdhul Jaleel	Edavanna	63	Male	25-01-2022
67	Malappuram	Abdul Jabbar	Puzhakkatiri	50	Male	24-01-2022
68	Malappuram	Fathima	Vazhakkad	67	Female	29-01-2022
69	Malappuram	Kunhi Pathu	Tirurangadi	88	Female	22-01-2022
70	Malappuram	Mariyumma	Peruvallur	73	Female	30-01-2022
71	Malappuram	Mohammed	Ozhoor	57	Male	26-01-2022
72	Malappuram	Moideen Kutty	Moonniyur	62	Male	29-01-2022
73	Malappuram	Pathumol	Thalakkad	69	Female	27-01-2022
74	Malappuram	Ravindran Tv	Angadippuram	61	Male	26-01-2022
75	Kozhikode	Abdul Nazar	Karasseri	54	Male	31-01-2022
76	Kozhikode	Kumba	Vanimel	70	Female	29-01-2022
77	Kozhikode	Kunhikalathan N K	Narikkuni	67	Male	07-09-2021
78	Kozhikode	Narayanan Nair	Koilandy	85	Male	29-01-2022
79	Kozhikode	Sarada	Payyoli	79	Female	29-01-2022
80	Kozhikode	Visalakshamma	Kozhikode	85	Female	13-10-2021
81	Wayanad	Baby Thomas	Mullankolly	68	Male	21-01-2022
82	Wayanad	Jafar	Sulthan Bathery	65	Male	28-01-2022
83	Wayanad	Noorjahan		50	Female	26-01-2022
84	Wayanad	Pathu	Edavaka	72	Female	25-01-2022
85	Kannur	Asiya	Thalassery	77	Female	26-01-2022
86	Kannur	Chandri Kk	Thalassery	67	Female	28-01-2022
87	Kannur	Damodaran	Kalliassery	73	Male	27-01-2022
88	Kannur	Gopi	Kolayad	69	Male	27-01-2022
89	Kasaragod	Ahammed	Meenja	75	Male	25-01-2022
90	Kasaragod	Amina	Pullur-Periya	73	Female	28-01-2022
91	Kasaragod	E Krishnan Nair	Muliyar	85	Male	30-01-2022

*Deaths in last 24 hours : 10

*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 : 638

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

Table 9. Summary of critical patients

Patients in ICUs	1364
Patients on Ventilator support	342

**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
43941896	19094327	77321	136257	882020	141973	49205	23560793

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
99410	63541	109	680	848	205	34027

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	77556	74612	2944	373
Kollam	58934	57972	962	150
Pathanamthitta	24728	24013	715	27
Alappuzha	37513	37132	381	71
Kottayam	34761	33662	1099	0
Idukki	17692	17312	380	18
Ernakulam	77795	75872	1923	141
Thrissur	33965	33001	964	194
Palakkad	39078	38448	630	60
Malappuram	45324	44802	522	69
Kozhikode	40308	39198	1110	78
Wayanad	12119	11841	278	80
Kannur	18260	17797	463	67
Kasaragod	19876	19576	300	12
Total	537909	525238	12671	1340

Table 13. Summary of Travel surveillance 31/01/2022

Mode of Travel	Cumulative number of Passengers
International airport	3037868
Total	3037868

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*