



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

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Date: 18/02/2022

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.

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- 1460758 Vaccination/Million
- 100% of the eligible population vaccinated with a single dose of vaccine (2,68,80,800) and 86% with a double dose (2,28,83,780) till February 18. 76% of the 15-17 age group vaccinated with a single dose of vaccine (11,58,279) and 20% with a double dose (3,13,129). The state has vaccinated more than 97% of people aged over 45 years with a single dose and 85% with a double dose.
- During February 11 – February 17, the average active cases were 1,46,931 out of them, an average of 1.1% only were admitted in oxygen beds, and 0.6% were in ICU.
- Out of the total 85,875 cases, only 5% 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 17/2/2022

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
6449026	6285477	15901	15222	679	63338	24992

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)
7780	21134	10860	10234	626	18	43	130

Table 3. Cumulative summary as on 18/02/2022

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
6456806	85875	6306611	197630	193186	4444	63529	25122

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	858	2789	10702
Kollam	604	3378	5040
Pathanamthitta	386	1312	3458
Alappuzha	486	1013	5438
Kottayam	661	1915	8943
Idukki	434	1243	6575
Ernakulam	1403	2932	15489
Thrissur	692	1631	7896
Palakkad	363	837	3223
Malappuram	444	1343	5631
Kozhikode	746	1245	6512
Wayanad	324	639	3113
Kannur	282	633	2891
Kasaragod	97	224	964
Total	7780	21134	85875

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	9	7	16
Kollam	5	0	5
Pathanamthitta	3	0	3
Alappuzha	1	2	3
Kottayam	6	34	40
Idukki	0	0	0
Ernakulam	6	0	6
Thrissur	7	8	15
Palakkad	3	21	24
Malappuram	6	17	23
Kozhikode	7	31	38
Wayanad	1	1	2
Kannur	4	0	4
Kasaragod	3	9	12
Total	61	130	191

- 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	6456307
Cases with history of International/Interstate travel	74601
Cases with history of contact	6381706

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

Total cases	7780
Cases with history of International/Interstate travel	69
Cases with history of contact	7174
Cases with no history of travel or contact	537

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	B Sasidharan Nair	Thiruvananthapuram	85	Male	16-02-2022
2	Thiruvananthapuram	K Flory Jasmin	Poovachal	84	Female	06-11-2021
3	Thiruvananthapuram	Madhavan Nair	Thiruvananthapuram	92	Male	15-02-2022
4	Thiruvananthapuram	Mahilamony	Thiruvananthapuram	69	Female	16-02-2022
5	Thiruvananthapuram	Mohamed Haneefa	Pallichal	70	Male	17-02-2022
6	Thiruvananthapuram	Muhammed Moosa	Tholicode	48	Male	25-09-2021
7	Thiruvananthapuram	Rajesh	Vithura	43	Male	15-02-2022
8	Thiruvananthapuram	Sujatha M	Maranallur	69	Female	13-02-2022
9	Thiruvananthapuram	Syamala	Edava	66	Female	11-02-2022
10	Kollam	Aisha Beevi	Alayaman	77	Female	16-02-2022
11	Kollam	Ammini Amma	Kollam	87	Female	17-02-2022
12	Kollam	Gopalakrishnan	Panmana	70	Male	16-02-2022
13	Kollam	Noorjahan	Mayyanad	55	Female	17-02-2022
14	Kollam	Sulaiman Kunju	Thrikkaruva	91	Male	17-02-2022
15	Pathanamthitta	Knv Kurup	Kunnanathanam	68	Male	14-02-2022
16	Pathanamthitta	Prabhakaran K	Thiruvalla	83	Male	10-02-2022
17	Pathanamthitta	Sasi	Ayiroor	60	Male	16-02-2022
18	Alappuzha	K K Kalyani	Chengannur	82	Female	05-02-2022
19	Kottayam	Chacko Paulose	Pampady	72	Male	16-02-2022
20	Kottayam	Joseph P C	Njeezhoor	86	Male	16-02-2022
21	Kottayam	Mariyamma Varghese	Puthuppally	80	Female	15-02-2022
22	Kottayam	Sivaraman	Pallickathodu	72	Male	16-02-2022

23	Kottayam	Soman	Erumely	55	Male	13-02-2022
24	Kottayam	Thankachan Mathew	Vazhappally	69	Male	16-02-2022
25	Ernakulam	Ganesh	Thrikkakara	62	Male	12-02-2022
26	Ernakulam	Kochupathu	Edathala	80	Female	14-02-2022
27	Ernakulam	P J Ramachandran Pillai	Eloor	73	Male	17-02-2022
28	Ernakulam	Rajan	Kalamassery	81	Male	11-02-2022
29	Ernakulam	Sarasu Krishnan	Kottapady	73	Female	12-02-2022
30	Ernakulam	Saraswathi Amma	Kadungalloor	94	Female	09-02-2022
31	Thrissur	A A Divakaran	Sree Narayanapuram	73	Male	16-02-2022
32	Thrissur	Antony K P	Pananchery	75	Male	17-02-2022
33	Thrissur	Bhaskaran	Eriyad	86	Male	15-02-2022
34	Thrissur	Dharmadas P V	Karalam	79	Male	16-02-2022
35	Thrissur	Karthiyayani	Kaiparambu	92	Female	09-02-2022
36	Thrissur	Sankarankutti Menon K	Thrishur	94	Male	17-02-2022
37	Thrissur	Sunil	Edathiruthy	54	Male	05-02-2022
38	Palakkad	Appukuttan	Chalissery	59	Male	17-02-2022
39	Palakkad	Jailahudheen	Perumatty	56	Male	16-02-2022
40	Palakkad	Parukutty	Keralasseri	69	Female	17-02-2022
41	Malappuram	Fathima C	Tirurangadi	70	Female	11-02-2022
42	Malappuram	Kunchi Mohammed	Kalpakancheri	66	Male	15-02-2022
43	Malappuram	Narayani	Puzhakkatiri	86	Female	17-02-2022
44	Malappuram	Radhakrishnan	Kuttippuram	72	Male	15-02-2022
45	Malappuram	Suhaila	Marakkara	23	Female	06-02-2022
46	Malappuram	Thomas	Chokkad	75	Male	16-02-2022
47	Kozhikode	Abdulla	Thalakkulathur	83	Male	17-02-2022
48	Kozhikode	Abu Haji	Kunnamangalam	98	Male	03-02-2022
49	Kozhikode	Achuthan	Kozhikode	85	Male	17-02-2022
50	Kozhikode	Kamal	Chemanchery	75	Male	17-02-2022
51	Kozhikode	Pradeepan	Moodadi	53	Male	17-02-2022
52	Kozhikode	Sobhana	Olavanna	60	Female	17-02-2022
53	Kozhikode	Sreedharan Nair	Panangad	65	Male	18-02-2022
54	Wayanad	Nazar Nk	Kaniyambetta	50	Male	17-02-2022
55	Kannur	Karthiyani	Eramam- Kuttoor	67	Female	16-02-2022
56	Kannur	Muhammed M	Kuttiattoor	72	Male	15-02-2022
57	Kannur	Narayani	Munderi	83	Female	09-02-2022
58	Kannur	Ravindran	Thalassery	73	Male	14-02-2022
59	Kasaragod	Bhaskaran	West Eleri	70	Male	11-02-2022
60	Kasaragod	Kundu Naik	Panathady	75	Male	16-02-2022
61	Kasaragod	Lakshmi P	Udma	81	Female	17-02-2022

*Deaths in last 24 hours : 18

*Deaths declared in the last 24 hours but of previous days due to late receiving of documents : 43

*Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 130

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

Table 9. Summary of critical patients

Patients in ICUs	794
Patients on Ventilator support	217

**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
45504630	20024966	77321	139562	895321	173814	52435	24141211

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
63192	38014	161	666	1441	159	22751

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	17993	17538	455	53
Kollam	24343	23909	434	35
Pathanamthitta	28421	28134	287	283
Alappuzha	6001	5863	138	17
Kottayam	16167	15750	417	0
Idukki	9089	8875	214	18
Ernakulam	20420	19776	644	30
Thrissur	13971	13673	298	44
Palakkad	23394	23235	159	14
Malappuram	13138	12934	204	13
Kozhikode	10840	10309	531	30
Wayanad	2791	2663	128	28
Kannur	5367	5070	297	43
Kasaragod	5695	5457	238	18
Total	197630	193186	4444	626

Table 13. Summary of Travel surveillance 18/02/2022

Mode of Travel	Cumulative number of Passengers
International airport	3137114
Total	3137114

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*