

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 taken2 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 (SpO2 ≤ 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- 1454611 Vaccination/Million
- 100% of the eligible population vaccinated with a single dose of vaccine (2,68,68,122) and 85% with a double dose (2,27,94,810) till February 14. 75% of the 15-17 age group vaccinated with a single dose of vaccine (11,47,430) and 15% with a double dose (2,36,298). 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 7 February 13, the average active cases were 2,31,908 out of them, an average of 0.9% only were admitted in oxygen beds, and 0.5% were in ICU.
- Out of the total 1,44,384 cases, only 4.3% 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

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.2110/202 1/H&FWD
6407383	6184080	16853	15866	987	<u>62199</u>	24413

Table 1. Summary of COVID-19 cases till 13/2/2022

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.2110/20 21/H&FWD (Appeal Cases Filed)
8989	24757	12296	11451	845	25	<i>92</i>	61

Table 3. Cumulative summary as on 14/02/2022

Total Positive cases	Active cases	Total Recovered	Total persons in Quarantine/ Isolation	Persons in Home/Instit ution quarantine	Persons in Hospital Isolation	Total No of Deaths	Total No of deaths declared as per appeal cases filed G.O.(Rt) No.2110/20 21/H&FWD
6416372	144384	<u>6208837</u>	284183	278244	5939	62377	24474

District	Positive Cases declared today	Declared Negative today	Positive cases admitted in the district
Thiruvananthapuram	1240	4565	17611
Kollam	879	1466	16548
Pathanamthitta	330	585	6478
Alappuzha	558	1650	8168
Kottayam	743	2694	16270
Idukki	412	1436	8840
Ernakulam	1608	3056	24413
Thrissur	625	2604	11979
Palakkad	386	1213	5240
Malappuram	443	1586	8874
Kozhikode	828	1591	9292
Wayanad	205	807	4210
Kannur	unnur 562 1031		4950
Kasaragod	170	473	1511
Total	8989	24757	144384

Table 4. District wise summary of Cumulative cases, Active cases, and New positive cases

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	4	14
Kollam	17	0	17
Pathanamthitta	13	0	13
Alappuzha	0	б	6
Kottayam	7	32	39
Idukki	6	0	6
Ernakulam	7	0	7
Thrissur	3	0	3
Palakkad	9	12	21
Malappuram	17	2	19
Kozhikode	16	0	16
Wayanad	1	4	5
Kannur	4	1	5
Kasaragod	7 0		7
Total	117	61	178

Table 5. District wise Death Cases through online and offline mode - post scrutiny status

• 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	6415873
Cases with history of International/Interstate travel	74446
Cases with history of contact	6341427

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

Total cases	8989
Cases with history of International/Interstate travel	30
Cases with history of contact	8356
Cases with no history of travel or contact	603

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

SI no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Ani	Thiruvananthapuram	51	Male	12-02-2022
2	Thiruvananthapuram	Ayisha Haridas	Thiruvananthapuram	74	Female	14-02-2022
3	Thiruvananthapuram	Dr Bc Pillai	Thiruvananthapuram	81	Female	12-02-2022
4	Thiruvananthapuram	Gopinathan Pillai K	Thiruvananthapuram	89	Male	14-02-2022
5	Thiruvananthapuram	Joyis	Kadakkavoor	84	Female	13-02-2022
6	Thiruvananthapuram	Pankajakshi Amma	Manickal	81	Female	23-01-2022
7	Thiruvananthapuram	Prakashan	Navayikulam	63	Male	10-02-2022
8	Thiruvananthapuram	Raveendran C	Mangalapuram	76	Male	12-02-2022
9	Thiruvananthapuram	Sreedharan	Elakamon	85	Male	13-02-2022
10	Thiruvananthapuram	Sumathi	Thiruvananthapuram	66	Female	13-02-2022
11	Kollam	C Pappachan	Thalavoor	58	Male	10-02-2022
12	Kollam	Leela	Kundara	65	Female	13-02-2022
13	Kollam	Meeran Sahib	Chadayamangalam	92	Male	13-02-2022
14	Kollam	Neelambaran	Karunagappally	79	Male	13-02-2022
15	Kollam	Padmakshy	Anchal	83	Male	12-02-2022
16	Kollam	Pankajakshi Amma	Sooranad North	91	Female	10-02-2022
17	Kollam	Papachan	Vilakkudy	86	Male	12-02-2022
18	Kollam	Pramod Anand	Kollam	51	Male	11-02-2022
19	Kollam	P R Sivadasan	Poothakkulam	86	Male	13-02-2022
20	Kollam	Radhamani K	Ittiva	62	Female	13-02-2022

21	Kollam	Rajappan	Ittiva	72	Male	13-02-2022
22	Kollam	Saithueen Beevi	Perinad	83	Female	11-02-2022
22	Kollam	Sarojinipillai	Kollam	76	Female	12-02-2022
23	Kollam	Sathi	Kalluvathukkal	65	Female	11-02-2022
24	Kollam	Sukumaran	Paravoor	66	Male	13-02-2022
25	Kollam	Thamarakshi	Neduvathur	85	Female	12-02-2022
20	Kollam	Vidhyadharan	Thalavoor	70	Male	09-02-2022
27	Pathanamthitta	Biju	Kottanad	40	Male	09-02-2022
20	Pathanamthitta	Jacob K Oommen	Ezhumattoor	83	Male	00-02-2022
30	Pathanamthitta	Janaki	Thottappuzhassery	78	Female	12-02-2022
31	Pathanamthitta			57	Male	12-02-2022
31	Pathanamthitta	Joseph K K Raju	Naranammoozhy	57	Male	12-02-2022
		-	Mallappally			
33	Pathanamthitta	K K Vasudevan	Mallappuzhassery	84	Male	12-02-2022
34	Pathanamthitta	Kunjumon	Vadasserikkara	58	Male	12-02-2022
35	Pathanamthitta	Omanaamma N	Pallickal	71	Female	09-02-2022
36	Pathanamthitta	Ponnamma	Ayiroor	77	Female	11-02-2022
37	Pathanamthitta	Radhakrishnan Nair	Thiruvalla	72	Male	11-02-2022
38	Pathanamthitta	Saramma Yohannan	Ayiroor	75	Female	10-02-2022
39	Pathanamthitta	Stephanos	Kallooppara	83	Male	07-02-2022
40	Pathanamthitta	Suresh	Kalanjoor	53	Male	11-02-2022
41	Kottayam	Chacko Mathew	Thiruvarppu	72	Male	12-02-2022
42	Kottayam	Chacko T J	Panachikadu	75	Male	12-02-2022
43	Kottayam	Fathima Beevi	Parathodu	79	Female	13-02-2022
44	Kottayam	Janaki	Manjoor	60	Female	12-02-2022
45	Kottayam	Kuttikrishnan Nair B	Kaduthuruthy	73	Female	12-02-2022
46	Kottayam	Meenakshi Ammal	Ettumanoor	86	Female	12-02-2022
47	Kottayam	Viswamohanan Nair T S	Thiruvarppu	62	Male	12-02-2022
48	Idukki	Antony	Karunapuram	83	Male	12-02-2022
49	Idukki	Kuruvila	Vathikudy	95	Male	09-02-2022
50	Idukki	Ravi K K	Kamakshy	62	Male	07-02-2022
51	Idukki	Salim	Vazhathope	58	Male	10-02-2022
52	Idukki	Shivan	Pallivasal	60	Male	12-02-2022
53	Idukki	Suhara Beevi	Munnar	88	Female	11-02-2022
54	Ernakulam	Augustine	Kochi	51	Male	04-02-2022
55	Ernakulam	Babu	Mulamthuruthy	53	Male	09-02-2022
56	Ernakulam	Jayadevan Cm	Kochi	95	Male	20-10-2021
57	Ernakulam	Mathew Francis	Kochi	82	Male	07-02-2022
58	Ernakulam	Sebastian C J	Kochi	73	Male	08-02-2022
59	Ernakulam	T K Vijayan	Kothamangalam	70	Male	09-02-2022
60	Ernakulam	V I James	Varapuzha	69	Male	14-02-2022
61	Thrissur	George	Puthur	74	Male	12-02-2022

62	Thrissur	Kathreena Jacob	Kattoor	83	Female	13-02-2022
63	Thrissur	Subramanian	Manalur	83	Male	11-02-2022
64	Palakkad	Jayarajan K P	Pattambi	57	Male	14-02-2022
65	Palakkad	Kashu	Erimayoor	67	Male	13-02-2022
66	Palakkad	Mariya	Mannarkad	76	Female	12-02-2022
67	Palakkad	M Yesoda	Akathethara	71	Female	10-02-2022
68	Palakkad	Ponnan P	Karimpuzha	85	Male	11-02-2022
69	Palakkad	Rajan	Puthukode	67	Male	13-02-2022
70	Palakkad	Raphel	Nelliyampathy	91	Male	12-02-2022
71	Palakkad	Santha	Kannadi	58	Female	13-02-2022
72	Palakkad	Sasikumar	Pudusserri	60	Male	10-02-2022
73	Malappuram	Abdu Rahman	Chokkad	70	Male	09-02-2022
74	Malappuram	Aboobacker	Kuruva	80	Male	12-02-2022
75	Malappuram	Abu	Tirurangadi	64	Male	02-02-2022
76	Malappuram	Abu	Thirunavaya	68	Male	01-10-2021
77	Malappuram	Bhaskaran	Kalady	74	Male	04-02-2022
78	Malappuram	Chirutha	Kondotty	86	Female	03-02-2022
79	Malappuram	Choolan	Cherukavu	84	Male	18-12-2021
80	Malappuram	Fathima S	Pulpetta	75	Female	10-02-2022
81	Malappuram	Khairunnisa N	Parappanangadi	67	Female	10-02-2022
82	Malappuram	Kunhimon	Ponnani	65	Male	08-02-2022
83	Malappuram	Lakshmi Amma	Kalady	88	Female	09-02-2022
84	Malappuram	Muhammed Abdul Kadhar	Edavanna	85	Male	12-02-2022
85	Malappuram	Nafeesa	Kalady	80	Female	10-01-2022
86	Malappuram	Narayanan Nair	Amarambalam	92	Male	10-02-2022
87	Malappuram	Shahina	Malappuram	47	Female	09-02-2022
88	Malappuram	Subaida	Tirur	54	Female	11-02-2022
89	Malappuram	Unnipathutty	Porur	71	Female	11-02-2022
90	Kozhikode	Ahmed R K	Chengottukave	74	Male	11-02-2022
91	Kozhikode	Ariyayi	Atholi	85	Male	13-02-2022
92	Kozhikode	Asokan	Kuruvattur	63	Male	12-02-2022
93	Kozhikode	Balakrishnan P K	Atholi	88	Male	09-02-2022
94	Kozhikode	Fathima	Koilandy	72	Female	13-02-2022
95	Kozhikode	Kallyani	Kakkodi	81	Female	11-02-2022
96	Kozhikode	Kamalam	Kozhikode	74	Female	14-02-2022
97	Kozhikode	Kanaran	Narikkuni	81	Male	14-02-2022
98	Kozhikode	Karunakaran Nair	Koduvally	93	Male	13-02-2022
99	Kozhikode	Kunhikrishnan Nair	Panangad	79	Male	11-02-2022
100	Kozhikode	Kunjalan Kutty	Kadalundi	90	Male	11-02-2022
101	Kozhikode	Mathew	Kozhikode	86	Male	29-01-2022
102	Kozhikode	Rajan K	Perambra	59	Male	22-12-2021

	1					
103	Kozhikode	Raveendran C		67	Male	14-01-2022
104	Kozhikode	Ummer	Koilandy	72	Male	14-02-2022
105	Kozhikode	Vishalakshik	Kozhikode	86	Female	20-12-2021
106	Wayanad	Hussain	Thariode	68	Male	12-02-2022
107	Kannur	Kalyani P V	Ramanthali	87	Female	11-02-2022
108	Kannur	Mathayi	Kuttiattoor	70	Male	11-02-2022
109	Kannur	Meenakshi Amma	Eramam- Kuttoor	92	Female	10-02-2022
110	Kannur	Sreedharan	Chembilode	78	Male	02-02-2022
111	Kasaragod	Abdulla B K	Kumbadaje	78	Male	12-02-2022
112	Kasaragod	Abdulla M K M	Cheruvathur	85	Male	30-01-2022
113	Kasaragod	Azeez K V	Udma	70	Male	10-02-2022
114	Kasaragod	Gopalan	Ajanur	75	Male	12-02-2022
115	Kasaragod	Mohammed	Kumbla	72	Male	07-02-2022
116	Kasaragod	Mohammed Kunhi P	Cheruvathur	57	Male	29-01-2022
117	Kasaragod	Sreedharan	Kanhangad	63	Male	11-02-2022

*Deaths in last 24 hours : 25

*Deaths declared in the last 24 hours but of previous days due to late receiving of documents : 92

*Deaths declared through appeal process (Appeal cases filed) in the last 24 hours : 61 Detailed list is available with the respective District Medical office (Health)

Table 9. Summary of critical patients

Patients in ICUs	975
Patients on Ventilator support	270

*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	
45227779	19860545	77321	138878	892414	166452	51809	24040360	

Samples Sent	Routine + Sentinel Samples (PCR)	CB NAAT	True NAT	POCT PCR	RT LAMP	Antigen Assay
58090	35891	127	574	782	124	20592

Table 11. Details of new COVID-19 samples in the last 24 hours

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	29534	29010	524	54
Kollam	35724	35144	580	74
Pathanamthitta	29941	29497	444	439
Alappuzha	17370	17156	214	30
Kottayam	23699	23152	547	0
Idukki	11230	10945	285	20
Ernakulam	30004	29149	855	38
Thrissur	18306	17846	460	70
Palakkad	26962	26705	257	13
Malappuram	24068	23771	297	15
Kozhikode	16286	15610	676	24
Wayanad	4010	3863	147	22
Kannur	8839	8441	398	32
Kasaragod	8210	7955	255	14
Total	284183	278244	5939	845

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

Table 13. Summary of Travel surveillance 14/02/2022

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.

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	
Total Psychosocial support calls to school children	
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

Table.14. Psychosocial support provided through the program "Ottakalla Oppamundu"

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	
ldukki	18004255640, 0486 2232220, 2233118	18004255640, 04862233118	
Kottayam	9188610014, 9188610016, 0481 2304800,	0481 256 7390	
	0481 2583200, 0481 2566100, 0481		
	2566700, 0481 2561300		
Ernakulam	0484 2368702, 0484 2368802, 0484	75940 46167	
	2368902		
	Guest Control Room 9072303275,		
	9072303276		
	WhatsApp Number 9400021077		
Thrissur	9400066921, 9400066922, 9400066923	9400063430, 7034099935	
Palakkad	0491 251 0580, 04912510583	0491251 0577, 8848902376	
	0491 251 0575, 0491 251 0576, 251 0574		
Malappuram	0483 2737858, 0483 2737857,0483	0483 2952950	
	2733251, 0483 2733252, 2733253		
Calicut	0495 2371471, 0495 2376063	75940-01419, 7594001485	
	Collectorate 0495 2371002		
Kannur	0497 2700194, 2713437, 9400066062,	8281899687	
	9400066616		
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	<u>http://dhs.kerala.gov.in/ഡെയിലി-</u> ബൂള്ളറ്റിന്%E2%80%8D/		
Guidelines and Advisories	<u>http://dhs.kerala.gov.in/ജാഗ്രത-</u> നിര്%E2%80%8Dദേശങ്ങള്%E2%80%8D/		
Awareness materials	https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbe dUZa_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,
111115501	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 **24**x**7**