



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

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**Date: 11/11/2021
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.

OUR HEALTH OUR RESPONSIBILITY

- *Even after vaccination , follow COVID appropriate behaviour.*
- *Maintain a distance of at least two metres with all people all the time.*
- *Always wear clean face mask appropriately everywhere all the time*
- *Perform hand hygiene after touching objects and surfaces all the time.*
- *Perform hand hygiene before and after touching your face.*
- *Observe cough and sneeze hygiene*
- *Avoid unnecessary travel, social interaction*
- *Protect the elderly and the vulnerable- Observe reverse quarantine*
- **PEOPLE WITH MULTIPLE COMORBIDITIES , IF DETECTED COVID POSTIVE SHOULD GET ADMITTED IN THE HOSPITAL IMMEDIATELY AND DO NOT REMAINED IN HOME ISOLATION**
- *Infection prevention by following Covid appropriate behaviour got strengthened with introduction of COVID vaccination.*

Covid 19 status- Analytical Note

- 95.3% of the eligible population vaccinated with a single dose of vaccine (2,54,65,938) and 56.1% with a double dose (1,49,91,618) till November 11.
- Kerala is the state with highest rate of Vaccination/ Million- 1133282. The state has vaccinated more than 96% of people aged more than 45 years with a single dose and 69% with double dose*. (*Target recalculated)
- People have been cooperating we appeal to the 2nd dose eligible people to take their second dose of Covishield/ Covaxin without delay. Both the vaccines are effective.

- **As per today's data, among the 7224 positives, 6064 persons were eligible for vaccination. 1257 were vaccinated with single-dose and 2909 were fully vaccinated.**
- **1898 persons had no history of vaccination. This sub cohort needs to be followed and among them people having morbidity are advised to access health care in a Hospital. All vaccinated people should follow covid appropriate behaviour.**
- **Non vaccinated people with co morbidity have higher chances of mortality based on the mortality analysis. Hence, especially people with comorbidities should be careful. All must follow Covid appropriate behaviors.**
- **COVID-19 vaccines protect people from getting infected and become severely ill, and significantly reduce the likelihood of hospitalization and death.**
- **During November 3-November 9 , the average active cases were 74,976 out of them an average of around 1.7% only were admitted in oxygen beds and 1.4% were in ICU. During this period there was a decrease of around 4320 new cases. The growth rate in newly declared cases decreased by 8% during the same week compared to the previous week. The number of active patients, those admitted in hospitals, field hospitals, ICU , ventilator and oxygen support beds has reduced by 6%, 12%, 40%, 10% , 7% and 23% respectively in this week compared to previous week. This shows that rate of hospitalization and serious cases are showing a decreasing trend.**
- For any disease control program, active case finding is important. The state is doing appropriate testing. However, there is an apprehension regarding test positivity rate. It is hereby explained that test positivity rate indicates the infection. There are two specific issues all may understand i.e. **contracting infection** and because of contracting infection **the disease manifestation**. The World over post vaccination phase, contracting infection to disease manifestation is examined as CONVERSION RATE to decide the severity of pandemic. The data as on date suggests the conversion rate is stable because the People are following instructions, taking vaccines. However, it can be further improved with cooperation from all i.e. positive person having comorbidities should not delay their arrival in Hospital and take treatment as per the treatment protocols.
- Out of total 69,625 cases of infection only 6.7% of the active cases are admitted either in hospital/Field hospitals. This percentage is more or less constant and that indicates that the progression toward disease of the person who is infected is not very alarming and appropriate care and support is being given to patients. The patients who arrive late in the hospital even though having morbidity are the majority patients in the hospitals and Diabetes and Hypertension together being the most common cause of patient death. Therefore, we request people with co morbidities once detected with covid infection to get hospitalized in time.
- Based on the Covid positive data during June, July and August, 6% of the Covid positive patients had taken a single dose of Covid 19 vaccination and 3.6% had taken two doses of covid 19 vaccination. This indicates that vaccinated people may get infected, even though it is very less. It indicates that post vaccination immunity is effective in preventing infection. Vaccinated people are advised to consult Doctor only when symptomatic. Vaccinated people should follow covid appropriate behaviour.
- Symptomatic non-Vaccinated people may do RTPCR test. Antigen testing is only for emergency purpose. Non vaccinated people with co-morbidities to do testing by RTPCR and consult doctor.
- Repeat RTPCR is not needed among the people who are detected COVID positive in the previous 3 months. All young person detected positive and at home isolation should do blood sugar test.

PART- 1 SUMMARY OF COVID CASES AND DEATH

Table 1. Summary of COVID-19 cases till 10/11/2021

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 G.O.(Rt) No.2110/2021/H&FWD (B)	No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H&FWD Dated 14 October (C)
5034858	4929153	12715	12315	400	34621	2430	3779

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 reported daily (A)	No of deaths declared as per appeal G.O.(Rt) No.2110/2021/H&FWD (B)	No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H&FWD Dated 14 October (C)
7224	7638	13446	13101	345	47	372	0

Table 3. Cumulative summary as on 11/11/2021

Total Positive cases	Active cases	Total Recovered	Total persons in Quarantine / Isolation	Persons in Home/Institution quarantine	Persons in Hospital Isolation	Total No of Deaths (D)	Total No of deaths declared as per appeal G.O.(Rt) No.2110/2021/H&FWD (E)	Total No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H&FWD Dated 14 October (F)
5042082	69625	4936791	218914	213340	5574	35040	2802	3779

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	Other Districts
Thiruvananthapuram	1095	1247	9986	Kollam - 79, Pathanamthitta - 19, Alappuzha - 11, Kottayam - 9, Idukki - 11, Ernakulam - 7, Thrissur - 4, Palakkad - 3, Malappuram - 1, Kozhikode - 2, Kannur - 3, Kasaragod - 1, Others - 51
Kollam	694	509	6135	Pathanamthitta - 14, Idukki - 1, Ernakulam - 1
Pathanamthitta	448	435	3489	Alappuzha - 1, Kottayam - 6, Idukki - 1, Ernakulam - 2, Thrissur - 1
Alappuzha	250	322	2553	Pathanamthitta - 43, Kottayam - 34, Ernakulam - 3, Palakkad - 5, Kannur - 1
Kottayam	560	600	5693	Pathanamthitta - 49, Idukki - 43, Ernakulam - 30, Thrissur - 1, Kannur - 2
Idukki	306	102	4262	Kottayam - 15, Ernakulam - 33
Ernakulam	922	484	8389	Pathanamthitta - 7, Kottayam - 5, Idukki - 13, Thrissur - 1, Palakkad - 5, Wayanad - 1, Kannur - 4, Kasaragod - 2, Others - 305
Thrissur	724	1950	8073	Kollam - 1, Pathanamthitta - 1, Alappuzha - 1, Kottayam - 1, Idukki - 1, Ernakulam - 6, Palakkad - 26, Malappuram - 1, Kannur - 1, Others - 1
Palakkad	335	378	2254	
Malappuram	333	324	3328	
Kozhikode	708	637	7522	Thiruvananthapuram - 2, Pathanamthitta - 1, Kottayam - 5, Ernakulam - 13, Malappuram - 4, Wayanad - 23, Kannur - 61, Kasaragod - 14, Others - 1
Wayanad	254	289	2686	Kannur - 3
Kannur	471	255	4025	
Kasaragod	124	106	1230	Kannur - 1
Total	7224	7638	69625	

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&F WD Dated 29 September (B)	No of pending deaths declaration of the cases up to 18 June 2021 (offline period of death reporting) As per G.O.(Rt) No.2219/2021/H&FWD Dated 14 October (C)	Death Cases approved today (A+B+C)
Thiruvananthapuram	10	0	0	10
Kollam	8	0	0	8
Pathanamthitta	0	0	0	0
Alappuzha	4	30	0	34
Kottayam	0	0	0	0
Idukki	0	41	0	41
Ernakulam	6	58	0	64
Thrissur	5	119	0	124
Palakkad	4	0	0	4
Malappuram	1	30	0	31
Kozhikode	0	89	0	89
Wayanad	0	0	0	0
Kannur	7	0	0	7
Kasaragod	2	5	0	7
Total	47	372	0	419

- 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	5041583
Cases with history of International/Interstate travel	62683
Cases with history of contact	4978900

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

Total cases	7224
Cases with history of International/Interstate travel	33
Cases with history of contact	6718
Cases with no history of travel or contact	473

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Fathima beevi	Manamboor	64	Female	02-11-2021
2	Thiruvananthapuram	Krishnamma	Thiruvananthapuram	73	Female	15-08-2021
3	Thiruvananthapuram	Parukutty amma	Karavaram	94	Female	05-11-2021
4	Thiruvananthapuram	Rajendran nair	Edava	69	Male	06-11-2021
5	Thiruvananthapuram	Sainaba beevi	Cherunniyoor	81	Female	03-11-2021
6	Thiruvananthapuram	Selin	Neyyattinkara	55	Female	06-11-2021
7	Thiruvananthapuram	Sethu amma	Kallara	82	Female	03-11-2021
8	Thiruvananthapuram	Shamsudheen	Kilimanoor	57	Male	11-10-2021
9	Thiruvananthapuram	Subaida beevi	Pulimath	88	Female	06-11-2021
10	Thiruvananthapuram	Vincent	Karakulam	62	Male	06-11-2021
11	Kollam	Khadeeja kutty	Karunagappally	72	Female	04-11-2021
12	Kollam	Krihsnan kutty	Melila	73	Male	10-11-2021
13	Kollam	Louis m v	Punalur	77	Male	19-09-2021
14	Kollam	Simon	Piravanthur	63	Male	06-11-2021
15	Kollam	Subair	Kummil	56	Male	06-11-2021
16	Kollam	Surendran	Kadakkal	82	Male	03-11-2021
17	Kollam	Suresh babu p	Nilamel	53	Male	02-11-2021
18	Kollam	Vineetha vijayakumar	Kollam	14	Female	01-11-2021
19	Alappuzha	Aarifa	Perumbalam	42	Female	28-10-2021
20	Alappuzha	Kamalasanan	Purakkad	81	Male	07-11-2021
21	Alappuzha	Karthikeyan	Perumbalam	75	Male	
22	Alappuzha	Sosamma varghese	Alappuzha	84	Female	25-10-2021
23	Ernakulam	Lakshmi o k	Ezhikkara	70	Female	07-11-2021
24	Ernakulam	Mary	Aikkaranadu	80	Female	08-11-2021
25	Ernakulam	Prabhakaran	Kizhakkambalam	78	Male	03-10-2021
26	Ernakulam	Prabhakaran p	Cheranallur	73	Male	06-11-2021

27	Ernakulam	P r benjamin	Kochi	74	Male	06-11-2021
28	Ernakulam	Remani	Nayarambalam	74	Female	07-11-2021
29	Thrissur	Devaki	Thrishur	64	Female	07-11-2021
30	Thrissur	Kabeer	Nattika	68	Male	03-11-2021
31	Thrissur	Narayanan	Padiyoor	77	Male	08-11-2021
32	Thrissur	Rappai	Kodakara	85	Male	09-11-2021
33	Thrissur	Rukkiya	Thalikulam	56	Female	09-11-2021
34	Palakkad	Beeyutty	Pattithara	53	Female	09-11-2021
35	Palakkad	Kunjilakshmi	Shornur	93	Female	08-11-2021
36	Palakkad	Narayanan nair	Nagalassery	73	Male	10-11-2021
37	Palakkad	Palanal	Eruthempathy	44	Female	09-11-2021
38	Malappuram	Assya	Melattur	60	Female	03-11-2021
39	Kannur	Abdul kadher	Peralassery	69	Male	08-11-2021
40	Kannur	Muhammad kunhi	Kannur	90	Male	07-11-2021
41	Kannur	Muhammed nazal	Kunnothuparamba	15	Male	03-11-2021
42	Kannur	Musthafa	Ezhome	70	Male	06-11-2021
43	Kannur	Narayanan	Vengad	83	Male	05-11-2021
44	Kannur	Nikhin kumar t p	Peringome vayakkara	27	Male	02-11-2021
45	Kannur	Varghese	Naduvil	82	Male	08-11-2021
46	Kasaragod	Gangharan	Madikai	59	Male	09-11-2021
47	Kasaragod	Kannan	Kuttikkol	92	Male	10-11-2021

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

Table 9. Summary of critical patients

Patients in ICUs	928
Patients on Ventilator support	374

**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
38609435	15656081	77321	115823	806947	57794	32131	21869652

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
73015	47508	354	1068	3609	191	20285

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	33636	32267	1369	55
Kollam	19159	18745	414	60
Pathanamthitta	9182	8795	387	11
Alappuzha	4776	4627	149	18
Kottayam	26238	25744	494	19
Idukki	5306	5015	291	5
Ernakulam	35995	35392	603	20
Thrissur	15793	15505	288	47
Palakkad	8582	8372	210	20
Malappuram	14691	14399	292	12
Kozhikode	21690	21251	439	23
Wayanad	10670	10550	120	17
Kannur	6884	6675	209	27
Kasaragod	6312	6003	309	11
Total	218914	213340	5574	345

Table 13. Summary of Travel surveillance 11/11/2021

Mode of Travel	Cumulative number of Passengers
International airport	2368417
Total	2368417

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. **789** 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	789
Total Psychosocial support calls made to persons in quarantine/ isolation.	72,27,404
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	9,57,043
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	89,976
Total calls to all categories of Persons	1,30,32,666

PART-V ANNEXURES

Annexure-1: List of Hotspots as on 11/11/2021

Panchayaths and Urban Wards with WIPR >10			
Sl.No	District	LSG	Ward No
1	Thiruvananthapuram	Attingal (M)	3
2	Thiruvananthapuram	Nanniyode	5
3	Thiruvananthapuram	Panavoor	3
4	Thiruvananthapuram	Vakkom	7
5	Pathanamthitta	Thiruvalla (M)	18
6	Pathanamthitta	Kottanad	12
7	Pathanamthitta	Thannithode	3
8	Pathanamthitta	Mallappally	13
9	Pathanamthitta	Iraviperoor	5
10	Ernakulam	Muvattupuzha (M)	26
11	Ernakulam	North Paravur (M)	6
12	Ernakulam	Piravom (M)	10
13	Ernakulam	Thrikkakkara (M)	29
14	Ernakulam	Thrippunithura (M)	17, 28
15	Ernakulam	Amballur	4
16	Ernakulam	Avoli	9
17	Ernakulam	Chittattukara	18
18	Ernakulam	Kalloorkkadu	12
19	Ernakulam	Keerambra	5, 13
20	Ernakulam	Kottuvally	1
21	Ernakulam	Paingottur	6, 9
22	Ernakulam	Palakkuzha	6
23	Ernakulam	Pambakkuda	13
24	Ernakulam	Puthenvelikkara	13, 17
25	Ernakulam	Thirumadi	7
26	Ernakulam	Thuravur	2
27	Thrissur	Chavakkad (M)	6
28	Thrissur	Annamanada	3
29	Thrissur	Athirappally	2, 3, 6
30	Thrissur	Chazhoor	1
31	Thrissur	Edavilnagu	8
32	Thrissur	Mathilakom	7
33	Kozhikode	Keezhariyur	5
34	Kozhikode	Koodaranji	10
35	Wayanad	Kalppatta (M)	23

36	Wayanad	Mananthavady (M)	35
37	Wayanad	Sulthanbatheri (M)	9
38	Wayanad	Kottathara	1, 13
39	Wayanad	Vengappally	13
<i>As per G.O(Rt) No.643/2021/DMD dated 18.09.2021</i>			

DISTRICT WISE ABSTRACT

Sl. No	Name of District	WIPR (> 10)	
		No. of LSGs	No. of Wards
1	Thiruvananthapuram	4	4
2	Kollam	0	0
3	Pathanamthitta	5	5
4	Alappuzha	0	0
5	Kottayam	0	0
6	Idukki	0	0
7	Ernakulam	17	21
8	Thrissur	6	8
9	Palakkad	0	0
10	Malappuram	0	0
11	Kozhikkode	2	2
12	Wayanad	5	6
13	Kannur	0	0
14	Kasaragod	0	0
Total		39	46

References
<i>1.Thiruvananthapuram: DDMA/01/2020/COVID/H2 WIPR 12A dated 01.11.2021</i>
<i>2.Kollam: Nil</i>
<i>3.Pathanamthitta: DCPTA/1185/2020/DM5 dated 01.11.2021</i>
<i>4.Kottayam: Nil</i>
<i>5.Alappuzha: Nil</i>
<i>6.Idukki: Nil</i>
<i>7.Ernakulam: 3804/2020/D2 dated 02.11.2021</i>

8.Thirissur: DCTSR/H4/14476/2019 dated 01.11.2021
9.Palakkad: Nil
10.Malappuram: Nil
11.Kozhikkode: DCKKD/4545/2020/F4 dated 31.10.2021
12.Wayanad: DCWYD/2671/2021/DM5 dated 30.10.2021
13.Kannur: Nil
14.Kasaragod: Nil

Annexure-2: 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-3: Table of links to documents, guidelines, and websites

Dashboard	https://dashboard.kerala.gov.in/
Daily Bulletin	http://dhs.kerala.gov.in/ഡയറിബ്ലി-ബുല്ലറ്റിൻ%E2%80%8D/

Guidelines and Advisories	http://dhs.kerala.gov.in/ജാഗ്രത-നീർ%20%8D%8E30%8E33%20%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-4: 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	48723831553
Palakkad	4912533323
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*