



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

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**Date: 06/11/2021
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 No2e

- 95.1% of the eligible population vaccinated with a single dose of vaccine (2,54,03,616) and 53.7% with a double dose (1,43,46,349) till November 6.
- Kerala is the state with highest rate of Vaccination/ Million- 1113461. The state has vaccinated more than 96% of people aged more than 45 years with a single dose and 68% 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 6546 positives, 5511 persons were eligible for vaccination. 1148 were vaccinated with single-dose and 2514 were fully vaccinated.**
- **1849 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 behavior.**
- **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 October 29-November 4, the average active cases were 76,510 out of them an average of around 2% only were admitted in oxygen beds and 1.4% were in ICU. During this period there was a decrease of around 8904 new cases. The growth rate in newly declared cases decreased by 15% 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 13%, 11%, 39%, 10% ,6% and 17% 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 72,876 cases of infection only 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 5/11/2021

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)
5001835	4894435	9790	9348	442	33048	1442	3440

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)
6546	6934	12801	12469	332	50	231	186

Table 3. Cumulative summary as on 06/11/2021

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)
5008381	72876	4901369	240336	233927	6409	33515	1673	3626

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	888	1229	11121	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	774	554	6090	Pathanamthitta - 14, Idukki - 1, Ernakulam - 1
Pathanamthitta	267	585	3839	Alappuzha - 1, Kottayam - 6, Idukki - 1, Ernakulam - 2, Thrissur - 1
Alappuzha	142	307	2543	Pathanamthitta - 43, Kottayam - 34, Ernakulam - 3, Palakkad - 5, Kannur - 1
Kottayam	508	591	5671	Pathanamthitta - 49, Idukki - 43, Ernakulam - 30, Thrissur - 1, Kannur - 2
Idukki	181	399	4175	Kottayam - 15, Ernakulam - 33
Ernakulam	1037	944	8711	Pathanamthitta - 7, Kottayam - 5, Idukki - 13, Thrissur - 1, Palakkad - 5, Wayanad - 1, Kannur - 4, Kasaragod - 2, Others - 305
Thrissur	724	119	8687	Kollam - 1, Pathanamthitta - 1, Alappuzha - 1, Kottayam - 1, Idukki - 1, Ernakulam - 6, Palakkad - 26, Malappuram - 1, Kannur - 1, Others - 1
Palakkad	343	300	2821	
Malappuram	215	319	4099	
Kozhikode	754	816	7473	Thiruvananthapuram - 2, Pathanamthitta - 1, Kottayam - 5, Ernakulam - 13, Malappuram - 4, Wayanad - 23, Kannur - 61, Kasaragod - 14, Others - 1
Wayanad	220	293	2674	Kannur - 3
Kannur	394	369	3758	
Kasaragod	99	109	1214	Kannur - 1
Total	6546	6934	72876	

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	6	0	0	6
Kollam	21	73	0	94
Pathanamthitta	3	60	0	63
Alappuzha	0	29	0	29
Kottayam	5	35	0	40
Idukki	0	0	0	0
Ernakulam	7	26	105	138
Thrissur	2	0	0	2
Palakkad	3	6	0	9
Malappuram	2	0	20	22
Kozhikode	1	0	60	61
Wayanad	0	0	0	0
Kannur	0	2	0	2
Kasaragod	0	0	1	1
Total	50	231	186	467

- 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	5007882
Cases with history of International/Interstate travel	62555
Cases with history of contact	4945327

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

Total cases	6546
Cases with history of International/Interstate travel	16
Cases with history of contact	6082
Cases with no history of travel or contact	448

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Gracy	Thiruvananthapuram	76	Female	31-10-2021
2	Thiruvananthapuram	Lalitha j	Thiruvananthapuram	76	Female	13-10-2021
3	Thiruvananthapuram	Majida beevi	Manamboor	63	Female	29-10-2021
4	Thiruvananthapuram	Sakunthala kumari amma	Vembayam	62	Female	25-10-2021
5	Thiruvananthapuram	Santhamma	Pallikkal	72	Female	04-11-2021
6	Thiruvananthapuram	Vijaya c	Parassala	46	Female	29-10-2021
7	Kollam	Abdul azees	Anchal	80	Male	30-10-2021
8	Kollam	Abida	Kollam	62	Female	04-10-2021
9	Kollam	George y	Nedumpana	73	Male	22-10-2021
10	Kollam	J vijayan pillai	Poothakkulam	69	Male	04-11-2021
11	Kollam	Khadeeja beevi	Mynagappally	65	Female	03-10-2021
12	Kollam	Mebile sebastin	Adichanalloor	49	Male	31-10-2021
13	Kollam	N p n sasidharan pillai	Chathannur	74	Male	01-10-2021
14	Kollam	Pookkunju	Kundara	85	Male	20-10-2021
15	Kollam	Prabhakaran	Adichanalloor	65	Male	22-10-2021
16	Kollam	Rajamma	Karunagappally	70	Female	15-10-2021

17	Kollam	Raveendran k	Pavithreswaram	77	Male	03-10-2021
18	Kollam	Safiya beevi	Karunagappally	63	Female	31-10-2021
19	Kollam	Santhakumari amma	Kollam	68	Female	14-10-2021
20	Kollam	Santhamma	Anchal	68	Female	30-10-2021
21	Kollam	Saraswathyamma	Panmana	70	Female	03-11-2021
22	Kollam	Sosamma varghese	Adichanalloor	82	Female	03-11-2021
23	Kollam	Suhara beevi	Sasthamcotta	85	Female	01-10-2021
24	Kollam	Thankamma	Punalur	75	Female	18-10-2021
25	Kollam	Thankamma lukose	Melila	97	Female	03-11-2021
26	Kollam	Valsala	Paravoor	58	Female	30-09-2021
27	Kollam	Vimala simon	Perinad	60	Female	14-10-2021
28	Pathanamthitta	Gopalan	Kodumon	68	Male	30-10-2021
29	Pathanamthitta	Rajappan nair	Pathanamthitta	89	Male	29-10-2021
30	Pathanamthitta	Thomas skariah	Koipram	79	Male	03-11-2021
31	Kottayam	Abdul kareem	Poonjar	66	Male	16-06-2021
32	Kottayam	Kuriakose thomas	Kottayam	74	Male	28-10-2021
33	Kottayam	Santha	Velloor	70	Female	25-09-2021
34	Kottayam	Suhara kassim	Chirakkadavu	59	Female	30-09-2021
35	Kottayam	Sujatha	Erumely	55	Female	02-11-2021
36	Ernakulam	Augustine robert	Elamkunnappuzha	76	Male	02-11-2021
37	Ernakulam	K k raveendran	Kochi	73	Male	01-11-2021
38	Ernakulam	P j mathew	Choornikkara	86	Male	01-11-2021
39	Ernakulam	Unnikrishnan k k	Chendamangalam	76	Male	02-11-2021
40	Ernakulam	V c john	Kochi	82	Male	02-11-2021
41	Ernakulam	Vilson	Perumbavoor	69	Male	02-11-2021
42	Ernakulam	V p fathima	Thrikkakara	81	Female	02-11-2021
43	Thrissur	Abdul majeed	Venkitangu	77	Male	03-11-2021
44	Thrissur	Antony	Thrishur	56	Male	01-11-2021
45	Palakkad	Alavi	Alanallur	75	Male	02-11-2021
46	Palakkad	Sudevan	Perumatty	72	Male	06-11-2021
47	Palakkad	Suhara	Erimayoor	47	Female	06-11-2021
48	Malappuram	Sainaba	Othukkungal	85	Female	03-11-2021
49	Malappuram	Thanka	Nannamukku	75	Female	03-11-2021
50	Kozhikode	Naseema hashim	Kozhikode	55	Female	31-10-2021

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

Table 9. Summary of critical patients

Patients in ICUs	1017
Patients on Ventilator support	412

**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
38273180	15428981	77321	114455	801741	48302	31392	21777302

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
66486	45896	293	877	775	162	18483

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	43055	41433	1622	
Kollam	19917	19502	415	44
Pathanamthitta	10720	10320	400	13
Alappuzha	5135	4970	165	26
Kottayam	23732	23144	588	12
Idukki	6154	5868	286	6
Ernakulam	37802	36996	806	49
Thrissur	14241	13920	321	50
Palakkad	9574	9409	165	16
Malappuram	18320	17817	503	15
Kozhikode	28028	27530	498	23
Wayanad	8516	8388	128	34
Kannur	7834	7628	206	34
Kasaragod	7308	7002	306	10
Total	240336	233927	6409	332

Table 13. Summary of Travel surveillance 06/11/2021

Mode of Travel	Cumulative number of Passengers
International airport	2322580
Total	2322580

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. **851** 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	851
Total Psychosocial support calls made to persons in quarantine/ isolation.	72,03,400
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	9,52,511
Total psychosocial support calls to health care workers	64,194
Total Psychosocial support calls received in helpline numbers	89,743
Total calls to all categories of Persons	1,30,03,897

PART-V ANNEXURES

Annexure-1: List of Hotspots as on 06/11/2021

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/ഡയറിബുലറ്റിന്%20%80%8D/

Guidelines and Advisories	http://dhs.kerala.gov.in/ജാഗ്രത-നീർ%20%8D%8E308E33%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*