



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

[www.health.kerala.gov.in](http://www.health.kerala.gov.in)

[www.dhs.kerala.gov.in](http://www.dhs.kerala.gov.in)

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**Date: 13/11/2021  
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**

- 95.4% of the eligible population vaccinated with a single dose of vaccine (2,54,93,977) and 57.3% with a double dose (1,53,19,322) till November 13.
- Kerala is the state with highest rate of Vaccination/ Million- 1143247. The state has vaccinated more than 96% of people aged more than 45 years with a single dose and 70% with double dose\*. (\*Target recalculated)
- People have been cooperating we appeal to the 2<sup>nd</sup> 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 6468 positives, 5429 persons were eligible for vaccination. 1088 were vaccinated with single-dose and 2445 were fully vaccinated.**
- **1896 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 4-November 10, the average active cases were 72,634 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 1959 new cases. The growth rate in newly declared cases decreased by 4% 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%, 11%, 37%, 10% , 9% and 20% 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 68,630 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 12/11/2021**

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)
5048756	4943813	14203	13777	426	35511	3214	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)
6468	6468	20997	20652	345	23	151	0

**Table 3. Cumulative summary as on 13/11/2021**

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)
5055224	68630	4950281	225227	219885	5342	35685	3365	3779

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

<b>District</b>	<b>Positive Cases declared today</b>	<b>Declared Negative today</b>	<b>Positive cases admitted in the district</b>	<b>Other Districts</b>
Thiruvananthapuram	850	1017	9624	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	591	517	6104	Pathanamthitta - 14, Idukki - 1, Ernakulam - 1
Pathanamthitta	189	541	3396	Alappuzha - 1, Kottayam - 6, Idukki - 1, Ernakulam - 2, Thrissur - 1
Alappuzha	250	217	2609	Pathanamthitta - 43, Kottayam - 34, Ernakulam - 3, Palakkad - 5, Kannur - 1
Kottayam	515	546	5487	Pathanamthitta - 49, Idukki - 43, Ernakulam - 30, Thrissur - 1, Kannur - 2
Idukki	325	362	4312	Kottayam - 15, Ernakulam - 33
Ernakulam	907	772	8449	Pathanamthitta - 7, Kottayam - 5, Idukki - 13, Thrissur - 1, Palakkad - 5, Wayanad - 1, Kannur - 4, Kasaragod - 2, Others - 305
Thrissur	772	854	7442	Kollam - 1, Pathanamthitta - 1, Alappuzha - 1, Kottayam - 1, Idukki - 1, Ernakulam - 6, Palakkad - 26, Malappuram - 1, Kannur - 1, Others - 1
Palakkad	313	259	2221	
Malappuram	250	282	3169	
Kozhikode	748	616	7522	Thiruvananthapuram - 2, Pathanamthitta - 1, Kottayam - 5, Ernakulam - 13, Malappuram - 4, Wayanad - 23, Kannur - 61, Kasaragod - 14, Others - 1
Wayanad	192	56	2865	Kannur - 3
Kannur	431	341	4090	
Kasaragod	135	88	1340	Kannur - 1
<b>Total</b>	<b>6468</b>	<b>6468</b>	<b>68630</b>	

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

<b>District</b>	<b>No of Deaths reported daily (A)</b>	<b>No of deaths declared through appeal G.O.(Rt) No.2110/2021/H&amp;F WD Dated 29 September (B)</b>	<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&amp;FWD Dated 14 October (C)</b>	<b>Death Cases approved today (A+B+C)</b>
Thiruvananthapuram	8	21	0	29
Kollam	0	47	0	47
Pathanamthitta	0	59	0	59
Alappuzha	0	18	0	18
Kottayam	0	0	0	0
Idukki	0	0	0	0
Ernakulam	4	5	0	9
Thrissur	1	0	0	1
Palakkad	9	0	0	9
Malappuram	0	1	0	1
Kozhikode	1	0	0	1
Wayanad	0	0	0	0
Kannur	0	0	0	0
Kasaragod	0	0	0	0
<b>Total</b>	<b>23</b>	<b>151</b>	<b>0</b>	<b>174</b>

- 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	<b>5054725</b>
Cases with history of International/Interstate travel	<b>62722</b>
Cases with history of contact	<b>4992003</b>

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

Total cases	<b>6468</b>
Cases with history of International/Interstate travel	<b>28</b>
Cases with history of contact	<b>5943</b>
Cases with no history of travel or contact	<b>497</b>

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

Sl no.	District	Name	Place	Age	Gender	Death Date
1	Thiruvananthapuram	Abdul manzoor a	Vilappil	59	Male	10-11-2021
2	Thiruvananthapuram	Aboobaker	Parassala	76	Male	20-09-2021
3	Thiruvananthapuram	Ayyappan	Vilappil	63	Male	11-11-2021
4	Thiruvananthapuram	Fathima beevi	Tholicode	71	Female	12-11-2021
5	Thiruvananthapuram	Manoj	Pulimath	37	Male	30-10-2021
6	Thiruvananthapuram	Prasanna p nair	Pothencode	70	Female	10-11-2021
7	Thiruvananthapuram	Radhamani	Nellanad	64	Female	12-11-2021
8	Thiruvananthapuram	Shahabudeen	Kilimanoor	69	Male	11-11-2021
9	Ernakulam	Chinamma george	Paingottoor	82	Female	10-11-2021
10	Ernakulam	K n haridasan	Kochi	72	Male	08-11-2021
11	Ernakulam	Mariyam thomas	Vazhakkulam	82	Female	07-11-2021
12	Ernakulam	Renjini O R	Puthenvelikara	39	Female	08-11-2021
13	Thrissur	Amala	Puthur	67	Female	11-11-2021
14	Palakkad	Annapoorni	Palakkad	85	Female	22-09-2021
15	Palakkad	Arumughan	Pirayiri	82	Male	13-11-2021
16	Palakkad	Ashraf	Pirayiri	58	Male	11-11-2021
17	Palakkad	Haludheen	Vadackenchery	64	Male	12-11-2021
18	Palakkad	Kunji moideen	Cherupulassery	78	Male	11-11-2021
19	Palakkad	Muhammed ali	Muthuthala	58	Male	10-11-2021

20	Palakkad	Swaminathan	Marutha road	69	Male	12-11-2021
21	Palakkad	Vally	Pirayiri	77	Female	01-08-2021
22	Palakkad	Veronika	Kozhinjampara	62	Female	11-11-2021
23	Kozhikode	Mohammed k e	Karasseri	69	Male	10-11-2021

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

**Table 9. Summary of critical patients**

Patients in ICUs	<b>905</b>
Patients on Ventilator support	<b>382</b>

*\*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
<b>38746488</b>	<b>15744042</b>	<b>77321</b>	<b>116310</b>	<b>809016</b>	<b>66470</b>	<b>32414</b>	<b>21907229</b>

**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
<b>71906</b>	<b>45770</b>	<b>265</b>	<b>1081</b>	<b>5328</b>	<b>132</b>	<b>19330</b>

**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	33576	32187	1389	62
Kollam	18781	18382	399	30
Pathanamthitta	7531	7144	387	10
Alappuzha	9041	8883	158	17
Kottayam	27927	27458	469	0
Idukki	5487	5278	209	4
Ernakulam	35196	34562	634	49
Thrissur	16011	15896	115	52
Palakkad	8074	7849	225	23
Malappuram	13813	13543	270	12
Kozhikode	24019	23584	435	23
Wayanad	12605	12494	111	18
Kannur	7301	7081	220	38
Kasaragod	5865	5544	321	7
<b>Total</b>	<b>225227</b>	<b>219885</b>	<b>5342</b>	<b>345</b>

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

Mode of Travel	Cumulative number of Passengers
International airport	2376215
<b>Total</b>	<b>2376215</b>



## 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. **868** 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	<b>868</b>
Total Psychosocial support calls made to persons in quarantine/ isolation.	<b>72,38,378</b>
Total psychosocial support follow-up calls made	<b>32,12,102</b>
Total Post COVID calls	<b>11,33,087</b>
Total calls made to persons under treatment for mental illnesses, migrant labourers, differently abled children, elderly persons staying alone	<b>3,48,860</b>
Total Psychosocial support calls to school children	<b>9,58,631</b>
Total psychosocial support calls to health care workers	<b>64,194</b>
Total Psychosocial support calls received in helpline numbers	<b>90,083</b>
<b>Total calls to all categories of Persons</b>	<b>1,30,45,335</b>

**PART-V ANNEXURES**

**Annexure-1: List of Hotspots as on 13/11/2021**

<b>Panchayaths and Urban Wards with WIPR &gt;10</b>			
<b>Sl.No</b>	<b>District</b>	<b>LSG</b>	<b>Ward No</b>
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
<b>Total</b>		<b>39</b>	<b>46</b>

<b>References</b>
<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	<a href="https://dashboard.kerala.gov.in/">https://dashboard.kerala.gov.in/</a>
Daily Bulletin	<a href="http://dhs.kerala.gov.in/ഡയറിബ്ലി-ബുല്ലറ്റിൻ%E2%80%8D/">http://dhs.kerala.gov.in/ഡയറിബ്ലി-ബുല്ലറ്റിൻ%E2%80%8D/</a>

Guidelines and Advisories	<a href="http://dhs.kerala.gov.in/ജാഗ്രത-നീർ%20%8D630633%20%8D/">http://dhs.kerala.gov.in/ജാഗ്രത-നീർ%20%8D630633%20%8D/</a>
Awareness materials	<a href="https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbedUZa_8PUY9v3m0Wa?dl=0">https://www.dropbox.com/sh/l2h2n9hu737lea3/AAD43CHbedUZa_8PUY9v3m0Wa?dl=0</a>
Posters	<a href="http://dhs.kerala.gov.in/photo-gallery/">http://dhs.kerala.gov.in/photo-gallery/</a>
COVID-19 Jagratha	<a href="https://covid19jagratha.kerala.nic.in/">https://covid19jagratha.kerala.nic.in/</a>
E Sanjeevani	<a href="https://esanjeevaniopd.in">https://esanjeevaniopd.in</a>
NHM Kerala	<a href="https://arogyakeralam.gov.in/">https://arogyakeralam.gov.in/</a>
Directorate of Health Services	<a href="https://dhs.kerala.gov.in/">https://dhs.kerala.gov.in/</a>
Directorate of Medical Education	<a href="http://www.dme.kerala.gov.in/">http://www.dme.kerala.gov.in/</a>
Department of Health and Family Welfare	<a href="https://health.kerala.gov.in/">https://health.kerala.gov.in/</a>
Training and IEC videos	<a href="https://www.youtube.com/c/keralahealthonlinetraining">https://www.youtube.com/c/keralahealthonlinetraining</a>

#### 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*