



**COVID-19 OUTBREAK CONTROL AND PREVENTION STATE  
CELL HEALTH&FAMILYWELFARE DEPARTMENT  
Govt of Kerala**

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

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**Kerala HEALTH- COVID-19 DAILY VACCINATION BULLETIN**

**Date: 28/03/2022**

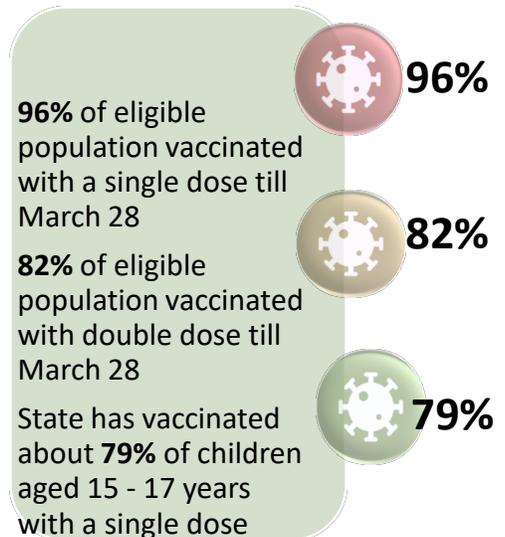
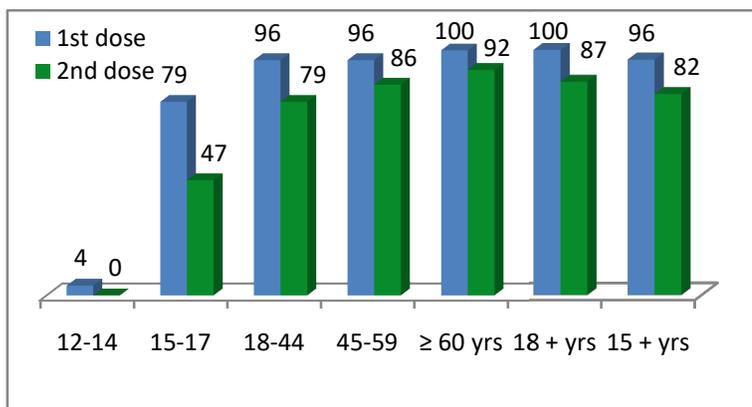
**OUR HEALTH OUR RESPONSIBILITY  
VACCINE ADVISORY**

- *People who are vaccinated with Covid Vaccine are reported to have reduced Covid related ICU admissions, serious disease and death.*
- *Early vaccination is useful to safeguard our life from this deadly disease.*
- *Vaccination sessions are planned as per the availability of vaccine. All are requested to cooperate.*
- *After receiving the first dose, second dose of Covishield vaccine is to be taken between 12–16weeks and second dose of Covaxin between 4-6 weeks.*
- *Covid vaccination is currently available to all above 15 years. Children in 15-18 age group will get Covaxin.*
- *Health Staffs, Frontline workers and people above 60 years with co-morbidities will get precaution dose after 9 months or 39 weeks from the second dose. The Same vaccine administered as first and second dose is to be taken as precaution dose. People above 60 years with co-morbidities should take medical advice before receiving precaution dose.*
- *Vaccination is available free of cost in all Government covid vaccination centers, and at a nominal rate (as per the Gol order F.No.2079203/2021/Immunization) in selected private Hospitals.*
- **ENSURE ALL YOUR ELIGIBLE FAMILY MEMBERS ARE PROTECTED BY RECEIVING ANY OF THE AVAILABLE COVID VACCINE.**
- **“BOTH COVAXIN AND COVISHIELD ARE EQUALLY EFFECTIVE AND SAFE”**
- **“BE FULLY PROTECTED – GET THE SECOND DOSE AT YOUR SCHEDULED TIME”**

## ANALYSIS

COVID-19 mass vaccinations are showing signs of preventing illness and steep decline in cases and hospital admissions in countries which done vaccination. Kerala started its vaccination for health care workers from January 16, 2021. The COVID-19 Vaccines Operational Guidelines issued by the Ministry of Health and Family Welfare, Govt. of India, 28th December 2020 and all subsequent Guidelines issued by Ministry of Health and Family Welfare, Govt of India are followed at the sites and all vaccination lanes

### Summary of COVID Vaccine Administered as on 28-03-2022 midnight



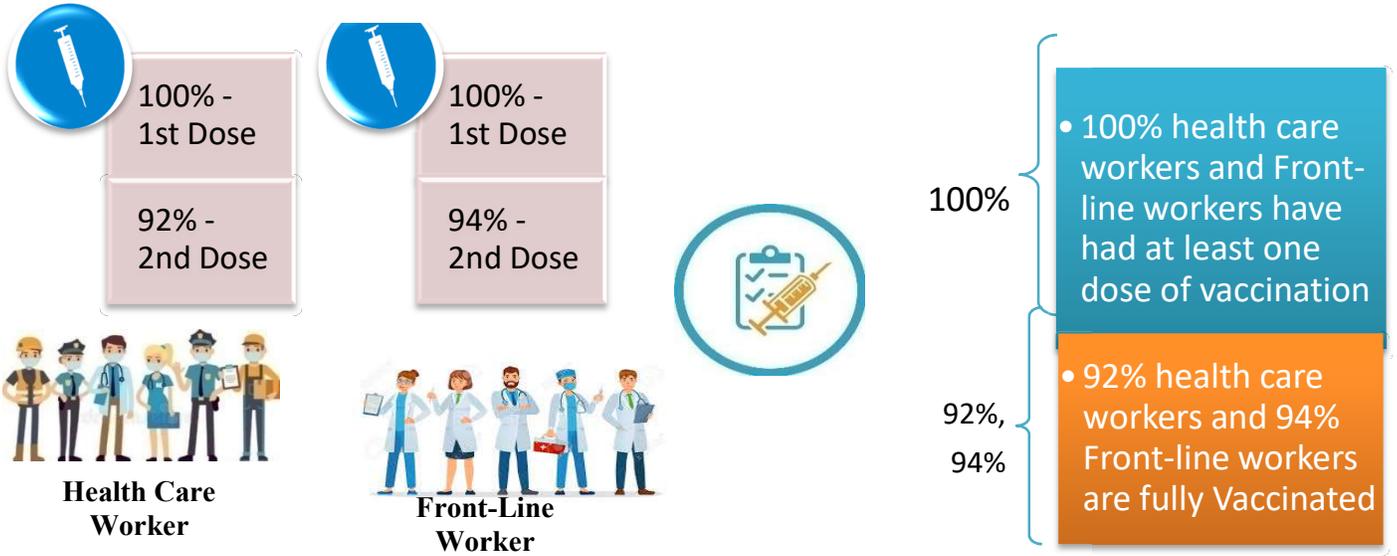
### Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16<sup>th</sup> January, 2021. As of 28<sup>th</sup> March 2022, Kerala has administered over 53 million doses overall, including first and second doses of vaccines.

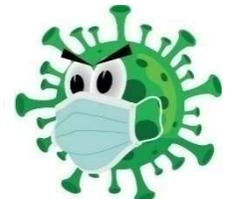
**Over 96 per cent of the eligible population (15 + years) in Kerala has been administered the first dose of the Covid-19 vaccine. The state has achieved the target within 445 days since the beginning of the vaccination drive on January 16, 2021**

# Health Care Workers & Front-line Workers Vaccinated



## Are You Vaccinated? You Still Need to Practice: SMS

- Even after vaccination, follow COVID appropriate behavior
- Practice Social Distancing and greet without physical contact
- Always wear clean face mask
- Wash your hands thoroughly and frequently or use hand sanitizer
- Follow the current COVID 19 guidelines to prevent further spread
- Stay Safe. Stay Strong. Get Vaccinated



Even After Getting Vaccinated Keep Taking Precautions to Protect Your Self



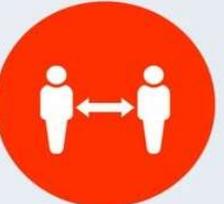
**GET VACCINATED**



**WASH YOUR HANDS**



**WEAR A MASK**



**KEEP YOUR DISTANCE**

# The Race Towards Full Vaccination - Weekly Trend

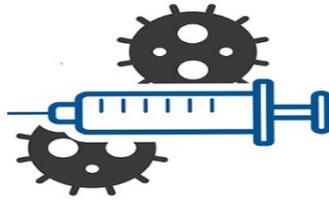
19<sup>th</sup> – 25<sup>th</sup> Mar, 2022

Kerala Administered over

## .86 Lakh

COVID Vaccine Doses

in the last 7 days  
(19<sup>th</sup> to 25<sup>th</sup> Mar)



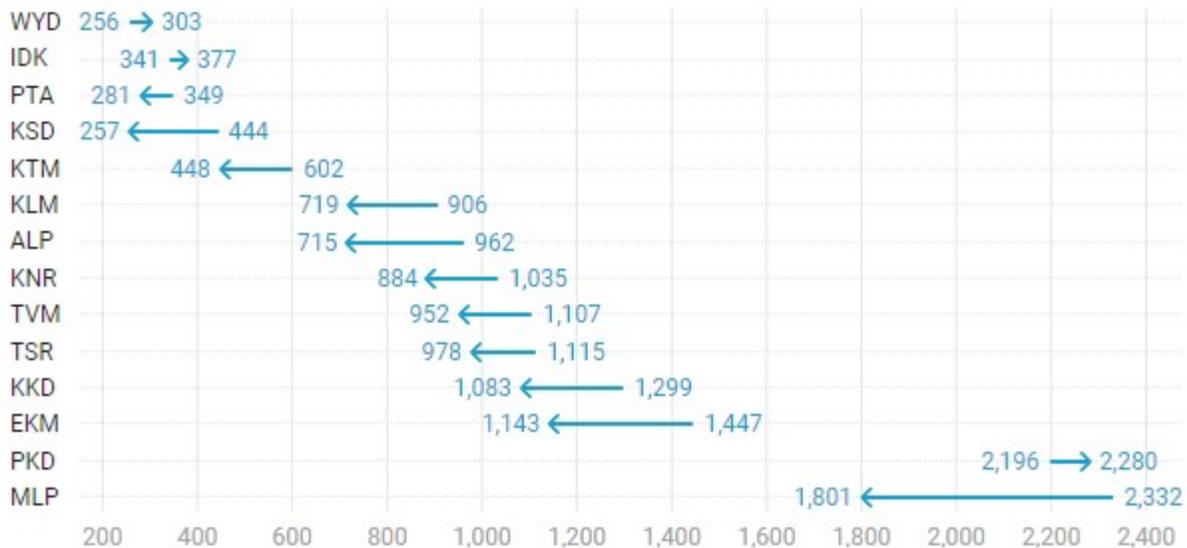
From 19<sup>th</sup> to 25<sup>th</sup> Mar, 2022 on average

**0.12lakh** doses were administered daily.

Average Doses Administered Per day per week (in 1000)



Trend in average per day vaccination for the last two weeks



# Race Against Time – Vaccination Quarterly Status

(Q1:16<sup>th</sup> Jan-Mar, Q2: Apr-June, Q3: July-Sep, Q4: Oct - Dec)

## Daily Average Doses Administered per Quarter

In the first Quarter, only 42201 first doses and 5324 second doses were administered daily on average. During the second, third and fourth quarters, the daily vaccination of the first and second doses increased significantly.



## Vaccination Achievement per Quarter

In the third quarter of the immunization drive, 52% of the eligible population (18 + age) in Kerala were given the first dose and 29% the second dose.

## Dose Progression

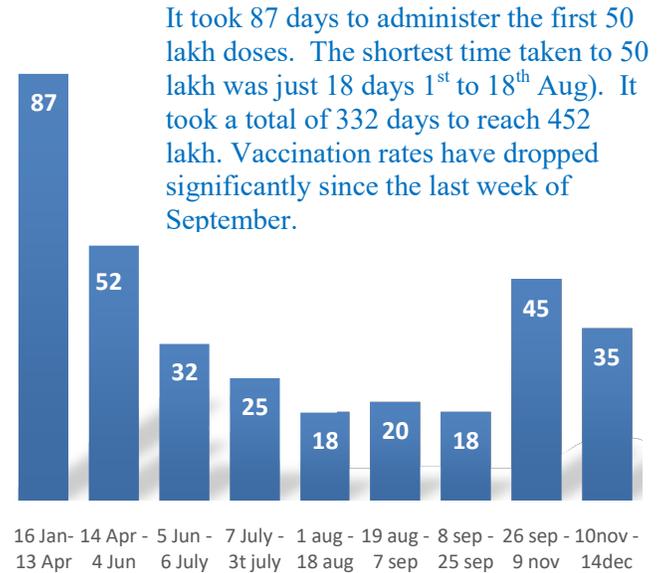
The chart shows the days taken for total COVID-19 Vaccination doses (both first and second) in Kerala to cross every 50 lakh dose mark

■ Q1 ■ Q2 ■ Q3

### First Dose

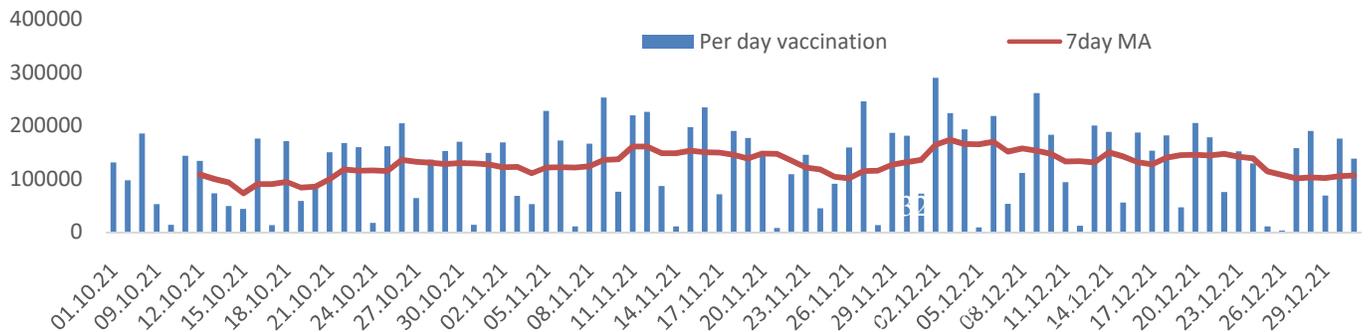


### Second Dose



## Vaccine Administered per Day and 7 days Moving Average in Last Quarter (Oct -Dec)

The seven-day moving average of daily doses in the last quarter showed a peak on December 2<sup>nd</sup> and continued to fluctuate thereafter



## Important Message to the Public

- a. *Infection or infection rate is only a part and disease manifestation of disease is to be monitored*
- b. *Fatality among vaccinated people is very less. Disease severity among vaccinated people is less.*
- c. *People with comorbidity should be careful. Once detected covid positive they should get admitted and do not stay at home.*
- d. *Death among non-vaccinated people, especially people with comorbidity is because of late arrival in hospitals*
- e. *Diabetes and Hypertension together is the most common cause of patient death if they arrive late.*
- f. *Vaccinated people, only if symptomatic are advised to consult Doctor.*
- g. *Non Vaccinated people, if symptomatic, may do RTPCR test*
- h. *Antigen testing is only for emergency purpose*
- i. *Non vaccinated people with co-morbidities to do testing by RTPCR and consult doctor*
- j. *Repeat RTPCR is not needed among the people who are detected COVID positive in the previous 2 months*
- k. *All young person detected positive and at home isolation should do glucose test*

TABLE1.Total Vaccination done in the State as on 28/03/2022 midnight

State Summary (15+ years)-Total doses administered till 29/3/2022 at 12 AM								
District	Target	First Dose	Percent age	Second Dose	Percentage*	Precaution Dose	Percentage	Total doses administered
Alappuzha	1829568	1685975	92%	1555284	85%	91820	46%	3,333,079
Ernakulam	3217878	3217418	100%	2726025	85%	114809	43%	6,058,252
Idukki	950762	932590	98%	778512	82%	24794	30%	1,735,896
Kannur	2100307	2107165	100%	1844095	88%	85506	43%	4,036,766
Kasaragod	1092141	1019337	93%	846560	77%	35675	35%	1,901,572
Kollam	2268371	2162639	95%	1861425	82%	85828	43%	4,109,892
Kottayam	1704500	1621982	95%	1419105	83%	77964	43%	3,119,051
Kozhikode	2746273	2614009	95%	2154340	78%	76530	33%	4,844,879
Malappuram	3386535	3313493	98%	2574478	76%	63479	33%	5,951,450
Palakkad	2349082	2279233	97%	1940323	83%	84065	45%	4,303,621
Pathanamthitta	1118564	1129713	101%	953897	85%	81791	46%	2,165,401
Thiruvananthapuram	2914006	2804813	96%	2413363	83%	134505	42%	5,352,681
Thrissur	2767777	2566649	93%	2349353	85%	116627	52%	5,032,629
Wayanad	716933	726277	101%	625575	87%	29923	34%	1,381,775
<b>Grand Total</b>	<b>29,162,697</b>	<b>28,181,293</b>	<b>96%</b>	<b>24,042,335</b>	<b>82%</b>	<b>1,103,316</b>	<b>42%</b>	<b>53,326,944</b>

TABLE2.Covid-19 Vaccination Center Functional in the State as on 28/03/2022 midnight

DISTRICTS	12+	15+	18+	Total
Alappuzha	0	0	2	2
Ernakulam	0	1	20	21
Idukki	0	0	3	3
Kannur	0	0	5	5
Kasaragod	0	3	6	9
Kollam	0	18	38	56
Kottayam	0	0	3	3
Kozhikode	0	2	102	104
Malappuram	2	4	16	22
Palakkad	3	0	7	10
Pathanamthitta	0	0	7	7
Thiruvananthapuram	0	3	17	20
Thrissur	0	3	132	135
Wayanad	14	5	8	27
<b>GrandTotal</b>	<b>19</b>	<b>39</b>	<b>366</b>	<b>424</b>

TABLE3. Health Care Workers Coverage as on 28/03/2022 midnight

<b>DISTRICT</b>	<b>1st DOSE</b>	<b>2nd Dose</b>	<b>% fully vaccinated</b>	<b>Precaution dose</b>	<b>Precaution dose (%) *</b>
<b>Alappuzha</b>	29022	27209	94%	12306	54%
<b>Ernakulam</b>	85565	75728	89%	29066	45%
<b>Idukki</b>	13554	12991	96%	5198	47%
<b>Kannur</b>	40388	37495	93%	16913	52%
<b>Kasaragod</b>	11610	10805	93%	4458	49%
<b>Kollam</b>	36035	33782	94%	13637	50%
<b>Kottayam</b>	38706	36265	94%	15347	51%
<b>Kozhikode</b>	52734	47912	91%	16353	41%
<b>Malappuram</b>	44832	41961	94%	15914	49%
<b>Palakkad</b>	34674	31990	92%	14431	54%
<b>Pathanamthitta</b>	29336	25057	85%	10626	50%
<b>Thiruvananthapuram</b>	73421	66316	90%	24366	45%
<b>Thrissur</b>	51909	49153	95%	24557	59%
<b>Wayanad</b>	13978	13278	95%	6037	51%
<b>Grand Total</b>	<b>555764</b>	<b>509942</b>	<b>92%</b>	<b>209209</b>	<b>49%</b>

1st Dose coverage for HCW is 100%

\*Proportion of beneficiaries who are eligible ( completed 9 months after 2nd dose )

TABLE4. Frontline workers Coverage as on 28/03/2022 midnight

<b>DISTRICT</b>	<b>1st dose</b>	<b>2nd Dose</b>	<b>% fully vaccinated</b>	<b>Precaution dose</b>	<b>Precaution dose(%) *</b>
<b>Alappuzha</b>	39127	36722	94%	11763	39%
<b>Ernakulam</b>	54934	50302	92%	16555	41%
<b>Idukki</b>	22993	21318	93%	4754	29%
<b>Kannur</b>	41381	39944	97%	10837	33%
<b>Kasaragod</b>	24615	22453	91%	5722	31%
<b>Kollam</b>	42235	38788	92%	8980	31%
<b>Kottayam</b>	32139	30584	95%	9860	38%
<b>Kozhikode</b>	55272	52525	95%	7797	19%
<b>Malappuram</b>	53913	51234	95%	11276	28%
<b>Palakkad</b>	48096	45501	95%	14132	37%
<b>Pathanamthitta</b>	25249	22510	89%	6094	33%
<b>Thiruvananthapuram</b>	72995	67548	93%	17902	36%
<b>Thrissur</b>	41904	40718	97%	15723	48%
<b>Wayanad</b>	17021	16082	94%	3737	28%
<b>Grand Total</b>	<b>571874</b>	<b>536229</b>	<b>94%</b>	<b>145132</b>	<b>34%</b>

1st Dose coverage for FLW is 100%

\*Proportion of beneficiaries who are eligible ( completed 9 months after 2nd dose )

TABLE5.Age-Appropriate Group (45-59 Years) Coverage as on 28/03/2022 midnight

<b>Table 5: Age appropriate group (45-59 years) coverage</b>					
<b>45-59 years Coverage as on 29/03/2022 at 12 AM</b>					
<b>District</b>	<b>Target</b>	<b>1st Dose Coverage</b>	<b>Percentage</b>	<b>2nd Dose Coverage</b>	<b>Percentage fully vaccinated</b>
Alappuzha	535436	438718	82%	413930	77%
Ernakulam	809349	783269	97%	699847	86%
Idukki	237564	246897	104%	218421	92%
Kannur	527295	515569	98%	477752	91%
Kasaragod	253027	252084	100%	223278	88%
Kollam	541201	559744	103%	499730	92%
Kottayam	478470	413970	87%	372685	78%
Kozhikode	658949	654368	99%	578534	88%
Malappuram	733338	722520	99%	624108	85%
Palakkad	614226	546945	89%	496553	81%
Pathanamthitta	264372	281652	107%	250923	95%
Thiruvananthapuram	735836	681250	93%	610776	83%
Thrissur	689418	663670	96%	621878	90%
Wayanad	170537	177107	104%	164016	96%
<b>Grand Total</b>	<b>7249018</b>	<b>6,937,763</b>	<b>96%</b>	<b>6,252,431</b>	<b>86%</b>

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 28/03/2022 midnight

<b>Table 6: Age appropriate group (≥ 60 years) coverage</b>							
<b>≥ 60 years Coverage as on 29/03/2022 at 12 AM</b>							
<b>District</b>	<b>Target</b>	<b>1st Dose Coverage</b>	<b>Percentage</b>	<b>2nd Dose Coverage</b>	<b>Percentage fully vaccinated</b>	<b>Precaution dose</b>	<b>%</b>
Alappuzha	424565	428741	101%	398956	94%	67751	46%
Ernakulam	673885	675953	100%	618769	92%	69188	42%
Idukki	193981	194507	100%	172502	89%	14842	27%
Kannur	438602	444298	101%	411260	94%	57756	43%
Kasaragod	182460	181641	100%	159940	88%	25495	35%
Kollam	497558	499292	100%	453143	91%	63211	44%
Kottayam	418008	419449	100%	382555	92%	52757	42%
Kozhikode	526896	528893	100%	478286	91%	52380	35%
Malappuram	477642	487910	102%	432739	91%	36289	31%
Palakkad	437708	439623	100%	400172	91%	55502	45%
Pathanamthitta	311297	312004	100%	279787	90%	65071	47%
Thiruvananthapuram	630465	632666	100%	568982	90%	92237	43%
Thrissur	581781	587832	101%	555868	96%	76347	51%
Wayanad	128009	128275	100%	114137	89%	20149	33%
<b>Grand Total</b>	<b>5922857</b>	<b>5,961,084</b>	<b>101%</b>	<b>5,427,096</b>	<b>92%</b>	<b>748,975</b>	<b>42%</b>

TABLE 6. Age-Appropriate Group (18-44 Years) Coverage as on 28/03/2022 midnight

18-44 years Coverage as on 29/03/2022 at 12 AM					
District	Target	First Dose		2nd Dose Coverage	Percentage fully vaccinated*
		1st Dose Coverage	Percentage		
Alappuzha	744178	668577	90%	621995	84%
Ernakulam	1470864	1507368	102%	1210277	82%
Idukki	437537	418719	96%	328960	75%
Kannur	947964	963103	102%	812976	86%
Kasaragod	556876	500180	90%	401699	72%
Kollam	1054752	930778	88%	776408	74%
Kottayam	665544	653804	98%	557093	84%
Kozhikode	1313678	1217441	93%	947174	72%
Malappuram	1777378	1825494	103%	1355355	76%
Palakkad	1088327	1084123	100%	893708	82%
Pathanamthitta	460819	442317	96%	348941	76%
Thiruvananthapuram	1309099	1245388	95%	1044020	80%
Thrissur	1274465	1096116	86%	1001278	79%
Wayanad	361152	353998	98%	298413	83%
<b>Grand Total</b>	<b>13462633</b>	<b>12,907,406</b>	<b>96%</b>	<b>10,598,297</b>	<b>79%</b>

\*Among those who have taken first dose

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 28/03/2022 midnight

15-17 years Coverage as on 29/03/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	75696	94%	56472	70%
Ernakulam	172307	110048	64%	71102	41%
Idukki	51339	35066	68%	24320	47%
Kannur	97722	98524	101%	64668	66%
Kasaragod	60496	48296	80%	28385	47%
Kollam	105234	93802	89%	59574	57%
Kottayam	85400	63422	74%	39923	47%
Kozhikode	143028	104963	73%	49909	35%
Malappuram	241212	176264	73%	69081	29%
Palakkad	132742	112668	85%	72399	55%
Pathanamthitta	48854	38456	79%	26679	55%
Thiruvananthapuram	145238	97882	67%	55721	38%
Thrissur	123540	119581	97%	80458	65%
Wayanad	29245	34133	117%	19649	67%
<b>Grand Total</b>	<b>1,517,189</b>	<b>1,208,801</b>	<b>79%</b>	<b>718,340</b>	<b>47%</b>

Table 8: Age appropriate group (12-14 years) Coverage as on 28/03/2022 midnight

12-14 years Coverage as on 29/3/2022 at 12 AM				
District	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	6094	14%	0	0%
Ernakulam	281	0%	0	0%
Idukki	854	3%	0	0%
Kannur	3902	4%	0	0%
Kasaragod	911	2%	0	0%
Kollam	753	1%	0	0%
Kottayam	492	1%	0	0%
Kozhikode	338	0%	0	0%
Malappuram	2560	2%	0	0%
Palakkad	13104	17%	0	0%
Pathanamthitta	699	2%	0	0%
Thiruvananthapuram	1211	1%	0	0%
Thrissur	5637	6%	0	0%
Wayanad	1765	6%	0	0%
<b>Grand Total</b>	<b>38,601</b>	<b>4%</b>	<b>0</b>	<b>0%</b>

TABLE9.State Summary (18+) as on 28/03/2022 midnight

State Summary (18+) 29-03-2022 at 12 AM							
District	Target	First Dose	Percentage	Second Dose	Percentage*	Precaution Dose	Percentage
Alappuzha	1704179	1604185	94%	1498812	88%	91820	46%
Ernakulam	2954098	3107089	105%	2654923	90%	114809	43%
Idukki	869082	896670	103%	754192	87%	24794	30%
Kannur	1913861	2004739	105%	1779427	93%	85506	43%
Kasaragod	992363	970130	98%	818175	82%	35675	35%
Kollam	2093511	2068084	99%	1801851	86%	85828	43%
Kottayam	1562022	1558068	100%	1379182	88%	77964	43%
Kozhikode	2499523	2508708	100%	2104431	84%	76530	33%
Malappuram	2988358	3134669	105%	2505397	84%	63479	33%
Palakkad	2140261	2153461	101%	1867924	87%	84065	45%
Pathanamthitta	1036488	1090558	105%	927218	89%	81791	46%
Thiruvananthapuram	2675400	2705720	101%	2357642	88%	134505	42%
Thrissur	2545664	2441431	96%	2268895	89%	116627	52%
Wayanad	659698	690379	105%	605926	92%	29923	34%
<b>Grand Total</b>	<b>2,66,34,508</b>	<b>26,933,891</b>	<b>101%</b>	<b>23,323,995</b>	<b>87%</b>	<b>1,103,316</b>	<b>42%</b>

\*Revised target population (> 18 years) as per MOHFW is 2.67 crores

\*As per letter from Additional Secretary MOHFW- D O No 2317579/2021/Imm dated 15/09/2021

TABLE 10. Achievement for the day 28/03/2022 midnight

Daily achievement 29-03-2022				
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	16	185	821	1022
Ernakulam	32	152	171	355
Idukki	2	14	19	35
Kannur	2	18	58	78
Kasaragod	43	214	154	411
Kollam	19	95	106	220
Kottayam	0	18	37	55
Kozhikode	27	195	262	484
Malappuram	43	313	204	560
Palakkad	300	168	147	615
Pathanamthitta	5	10	72	87
Thiruvananthapuram	23	30	89	142
Thrissur	129	181	365	675
Wayanad	1	25	24	50
<b>Grand Total</b>	<b>642</b>	<b>1618</b>	<b>2529</b>	<b>4789</b>

\*\* Vaccine stock details couldn't be downloaded from e-VIN portal as the portal is down.

TABLE11.COVID Vaccination related sites

<a href="mailto:support@cowin.gov.in">support@cowin.gov.in</a> <a href="https://www.cowin.gov.in/home">https://www.cowin.gov.in/home</a> <a href="https://dashboard.kerala.gov.in/">https://dashboard.kerala.gov.in/</a> <a href="https://dhs.kerala.gov.in/https://aogyakeralam.gov.in/https://sha.kerala.gov.in/">https://dhs.kerala.gov.in/https://aogyakeralam.gov.in/https://sha.kerala.gov.in/</a>
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TABLE10.COVID Vaccination related Helpline numbers

National/State/District	Line1	Line2	Line3
National Helpline	1075	+91 1123978046	0120 4473222
Disha	1056	04712552056	
StateCallCenter	04712309251	04712309252	04712309255
Thiruvananthapuram	9188610100	1077	
Kollam	04742797609	8589015556	
Pathanamthitta	04682222515	04682228220	
Alappuzha	04772239999		
Kottayam	04812565200	04812304800	04812581900
Idukki	18004255640	04862232220	04862233118
Ernakulam	9072303861		
Thrissur	9400066921	9400066922	9400066923
Palakkad	04912505264	04912505189	8943341439
Malappuram	04832733253	04832737858	04832733252
Kozhikode	7594001442		
Wayanad	04936202343	04936202375	9072510900
Kannur	04972700194		
Kasargod	9061076590	9061079244	9061078026