



**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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**KeralaHEALTH-COVID-19 DAILY VACCINATION BULLETIN**

**Date: 19/02/2022**

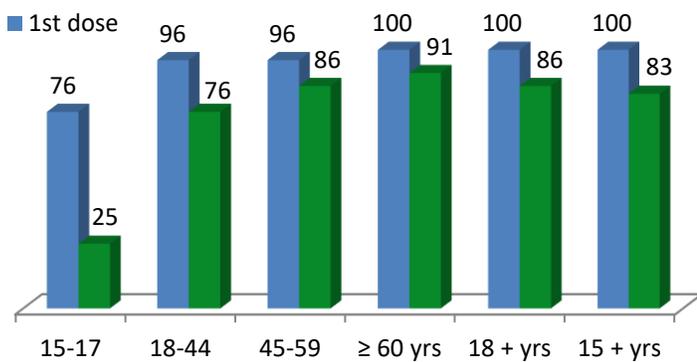
**OUR HEALTH OUR RESPONSIBILITY  
VACCINE ADVISORY**

- *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 be taken between 12–16weeks and second dose of Covaxin between 4-6weeks.*
- *Covid vaccination is currently available to all above the age of 18.*
- *Vaccination is available free of cost in all Government covid vaccination centers, and at a nominal rate (as per the GoI 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

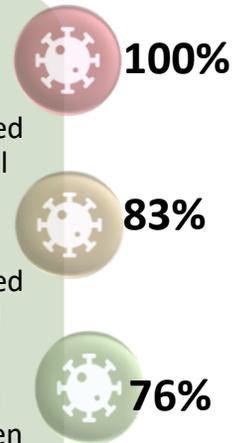
## Summary of COVID Vaccine Administered as on 19-02-2022 midnight



**100%** of eligible population vaccinated with a single dose till February 19

**83%** of eligible population vaccinated with double dose till February 19

State has vaccinated about **76%** of children aged 15 - 17 years with a single dose



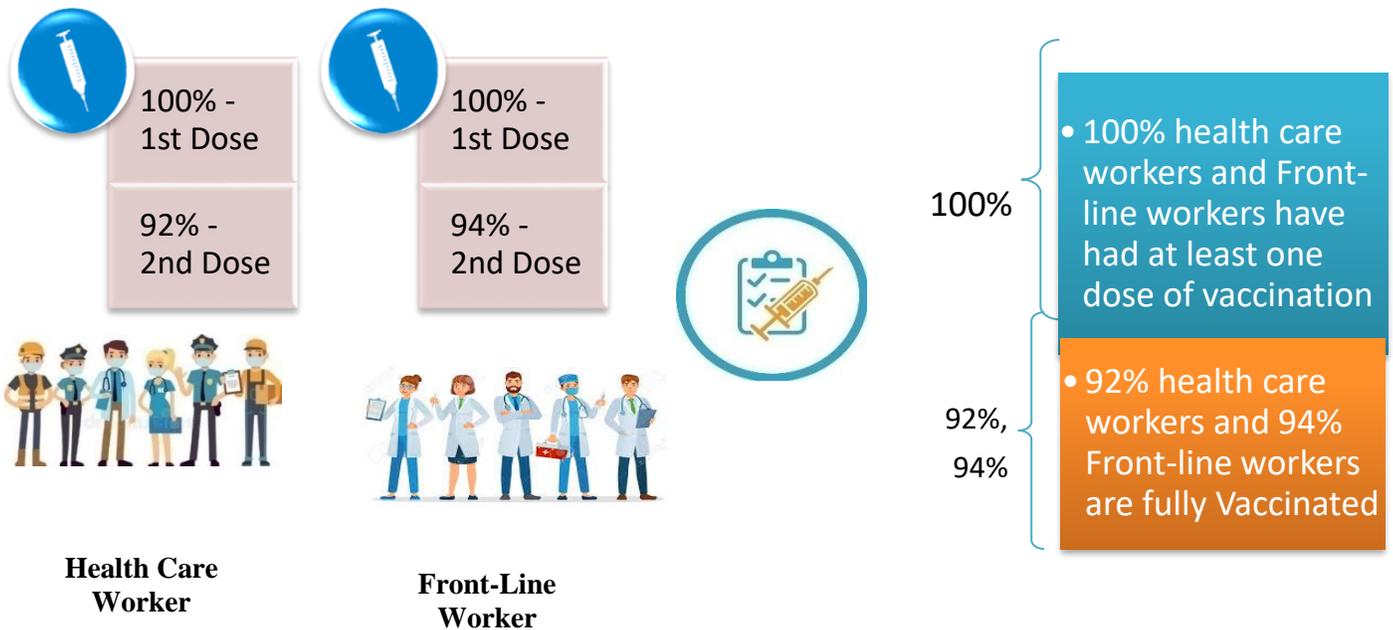
## Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16<sup>th</sup> January, 2021. As of 19<sup>th</sup> February 2022, Kerala has administered over 52 million doses overall, including first and second doses of vaccines.

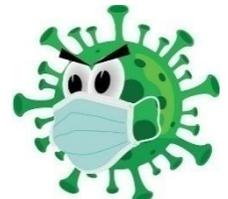
**Over 100 per cent of the eligible population (15 + years) in Kerala has been administered the first dose of the Covid-19 vaccine. The state has achieved the target within 400 days since the beginning of the vaccination drive on January 16, 2021**

# Health Care Workers & Front-line Workers Vaccinated



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

- 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

<b>GET VACCINATED</b>	<b>WASH YOUR HANDS</b>	<b>WEAR A MASK</b>	<b>KEEP YOUR DISTANCE</b>

# The Race Towards Full Vaccination - Weekly Trend

12<sup>th</sup> – 18<sup>th</sup> Feb, 2022

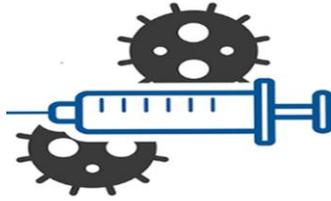
Kerala Administered over

## 2.42 Lakh

COVID Vaccine Doses

in the last 7 days

(12<sup>th</sup> to 18<sup>th</sup> Feb)



From 12<sup>th</sup> to 18<sup>th</sup> Feb, 2022 on average

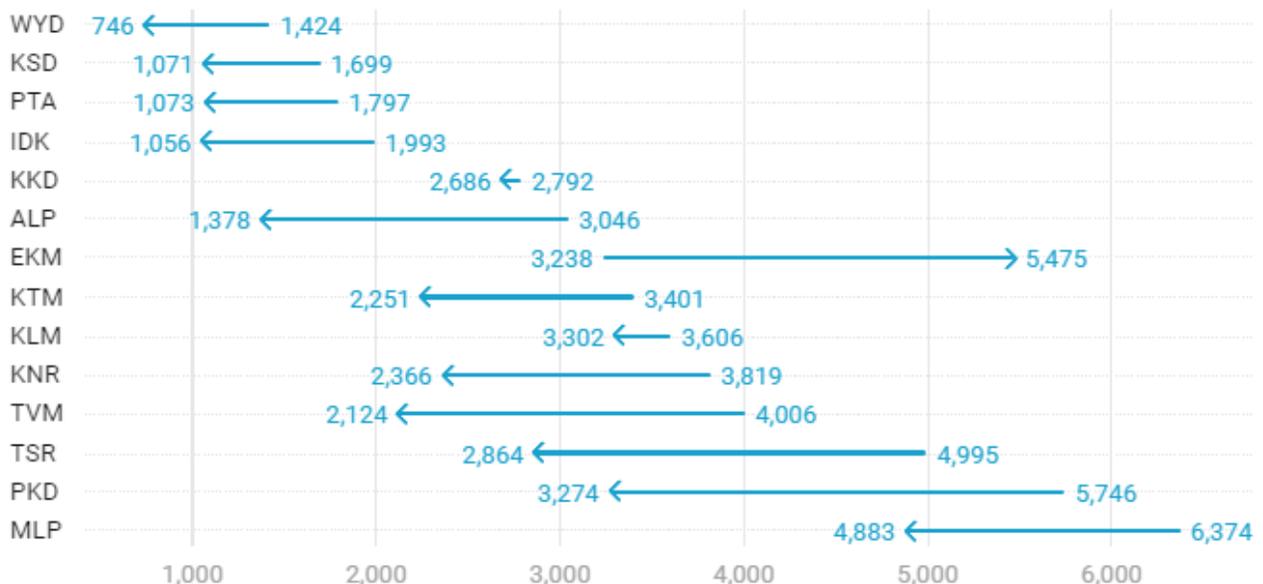
## 0.35 lakh

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

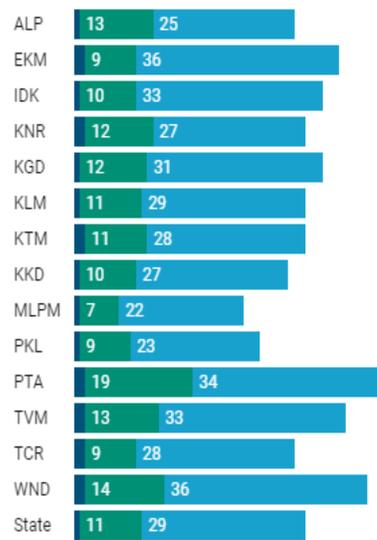
In the third quarter of the immunization drive, 52% of the eligible population (18 + age) in Kerala were given the first dose and 29% the second dose.

■ Q1 ■ Q2 ■ Q3

### First Dose



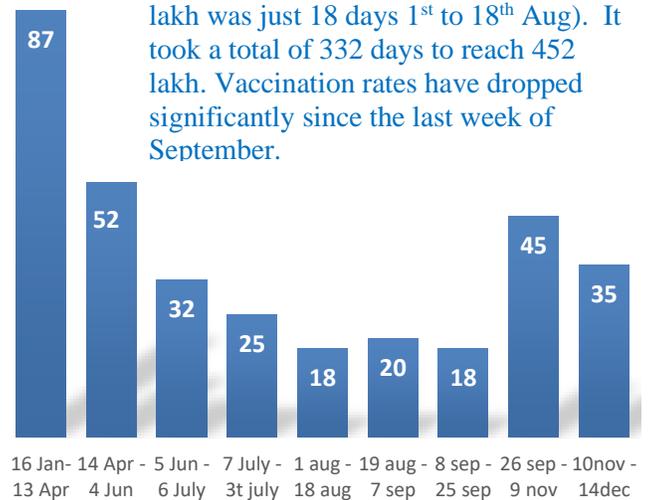
### Second Dose



## Dose Progression

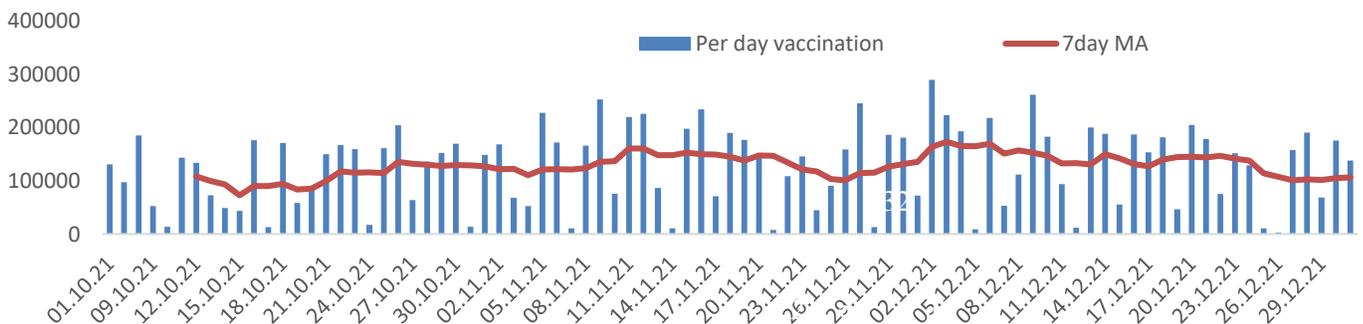
The chart shows the days taken for total COVID-19 Vaccination doses (both first and second) in Kerala to cross every 50 lakh dose mark.

It took 87 days to administer the first 50 lakh doses. The shortest time taken to 50 lakh was just 18 days 1<sup>st</sup> to 18<sup>th</sup> Aug). It took a total of 332 days to reach 452 lakh. Vaccination rates have dropped significantly since the last week of September.



## 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 19/02/2022 midnight

State Summary (15+ years)-Total doses administered till 20/2/2022 at 12 AM								
District	Target	First Dose	Percent age	Second Dose	Percent age*	Precaution Dose	Percentage	Total doses administered
Alappuzha	1785011	1676061	94%	1511726	85%	72861	54%	3,260,648
Ernakulam	3126405	3207199	103%	2644224	85%	91522	44%	5,942,945
Idukki	920421	929473	101%	758534	82%	19564	34%	1,707,571
Kannur	2011583	2096671	104%	1782910	89%	66959	47%	3,946,540
Kasaragod	1052859	1014584	96%	816891	78%	30632	40%	1,862,107
Kollam	2198745	2155823	98%	1804463	82%	71181	46%	4,031,467
Kottayam	1647422	1617899	98%	1389953	84%	58556	51%	3,066,408
Kozhikode	2642551	2603338	99%	2083638	79%	57917	35%	4,744,893
Malappuram	3229570	3291962	102%	2458615	76%	48698	40%	5,799,275
Palakkad	2273003	2258022	99%	1855207	82%	68361	50%	4,181,590
Pathanamthitta	1085342	1127194	104%	939060	87%	66870	52%	2,133,124
Thiruvananthapuram	2820638	2795952	99%	2358730	84%	111301	47%	5,265,983
Thrissur	2669204	2555651	96%	2294386	86%	87980	58%	4,938,017
Wayanad	688943	722982	105%	611576	89%	26068	36%	1,360,626
<b>Grand Total</b>	<b>28,151,697</b>	<b>28,052,811</b>	<b>100%</b>	<b>23,309,913</b>	<b>83%</b>	<b>878,470</b>	<b>46%</b>	<b>52,241,194</b>

TABLE2.Covid-19 Vaccination Center Functional in the State as on 19/02/2022 midnight

<i>DISTRICTS</i>	15+	18+	Total
Alappuzha	85	91	176
Ernakulam	39	63	102
Idukki	5	13	18
Kannur	5	18	23
Kasaragod	5	31	36
Kollam	19	19	38
Kottayam	32	47	79
Kozhikode	90	32	122
Malappuram	25	53	78
Palakkad	5	24	29
Pathanamthitta	58	66	124
Thiruvananthapuram	126	31	157
Thrissur	107	125	232
Wayanad	19	34	53
<b>GrandTotal</b>	<b>620</b>	<b>647</b>	<b>1267</b>

TABLE3. Health Care Workers Coverage as on 19/02/2022 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>	29016	27180	94%	11520	54%
<b>Ernakulam</b>	85561	75565	88%	24360	39%
<b>Idukki</b>	13552	12982	96%	4768	47%
<b>Kannur</b>	40387	37450	93%	15903	52%
<b>Kasaragod</b>	11610	10791	93%	4149	48%
<b>Kollam</b>	36032	33735	94%	12774	49%
<b>Kottayam</b>	38706	36226	94%	14191	51%
<b>Kozhikode</b>	52732	47867	91%	14729	39%
<b>Malappuram</b>	44831	41911	93%	14634	51%
<b>Palakkad</b>	34672	31959	92%	13492	53%
<b>Pathanamthitta</b>	29334	25028	85%	10046	49%
<b>Thiruvananthapuram</b>	73419	66242	90%	22529	43%
<b>Thrissur</b>	51909	49115	95%	22801	58%
<b>Wayanad</b>	13977	13274	95%	5743	51%
<b>Grand Total</b>	<b>555738</b>	<b>509325</b>	<b>92%</b>	<b>191639</b>	<b>48%</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 19/02/2022 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>	39124	36698	94%	11129	39%
<b>Ernakulam</b>	54927	50268	92%	15109	40%
<b>Idukki</b>	22992	21309	93%	4474	29%
<b>Kannur</b>	41378	39921	96%	9791	32%
<b>Kasaragod</b>	24615	22433	91%	5478	31%
<b>Kollam</b>	42233	38756	92%	8379	31%
<b>Kottayam</b>	32139	30563	95%	9390	39%
<b>Kozhikode</b>	55267	52488	95%	7121	19%
<b>Malappuram</b>	53912	51203	95%	10256	28%
<b>Palakkad</b>	48095	45471	95%	13132	38%
<b>Pathanamthitta</b>	25249	22500	89%	5804	34%
<b>Thiruvananthapuram</b>	72990	67477	92%	16471	38%
<b>Thrissur</b>	41904	40697	97%	14947	50%
<b>Wayanad</b>	17019	16077	94%	3536	27%
<b>Grand Total</b>	<b>571844</b>	<b>535861</b>	<b>94%</b>	<b>135017</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 19/02/2022 midnight

<b>Table 5: Age appropriate group (45-59 years) coverage</b>					
<b>45-59 years Coverage as on 20/02/2022 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	438469	82%	410834	77%
Ernakulam	809349	782735	97%	694305	86%
Idukki	237564	246806	104%	217391	92%
Kannur	527295	515231	98%	473690	90%
Kasaragod	253027	251921	100%	222251	88%
Kollam	541201	559389	103%	495866	92%
Kottayam	478470	413725	86%	369717	77%
Kozhikode	658949	653853	99%	573364	87%
Malappuram	733338	721877	98%	616243	84%
Palakkad	614226	546577	89%	491237	80%
Pathanamthitta	264372	281540	106%	249991	95%
Thiruvananthapuram	735836	680756	93%	606835	82%
Thrissur	689418	663249	96%	615516	89%
Wayanad	170537	177073	104%	163626	96%
<b>Grand Total</b>	<b>7249018</b>	<b>6,933,201</b>	<b>96%</b>	<b>6,200,866</b>	<b>86%</b>

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 19/02/2022 midnight

<b>Table 6: Age appropriate group (≥ 60 years) coverage</b>							
<b>≥ 60 years Coverage as on 20/02/2022 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	428499	101%	397018	94%	50212	60%
Ernakulam	673885	675558	100%	616107	91%	52053	49%
Idukki	193981	194416	100%	171706	89%	10322	32%
Kannur	438602	444105	101%	409479	93%	41265	51%
Kasaragod	182460	181571	100%	159441	87%	21005	41%
Kollam	497558	499044	100%	450849	91%	50028	50%
Kottayam	418008	419213	100%	380506	91%	34975	56%
Kozhikode	526896	528554	100%	475508	90%	36067	40%
Malappuram	477642	487605	102%	429777	90%	23808	43%
Palakkad	437708	439360	100%	397841	91%	41737	55%
Pathanamthitta	311297	311880	100%	278908	90%	51020	57%
Thiruvananthapuram	630465	632266	100%	566106	90%	72301	52%
Thrissur	581781	587502	101%	552697	95%	50232	60%
Wayanad	128009	128241	100%	113864	89%	16789	35%
<b>Grand Total</b>	<b>5922857</b>	<b>5,957,814</b>	<b>101%</b>	<b>5,399,807</b>	<b>91%</b>	<b>551,814</b>	<b>50%</b>

TABLE 6. Age-Appropriate Group (18-44 Years) Coverage as on 19/02/2022 midnight

18-44 years Coverage as on 20/02/2022 at 12 AM					
District	Target	First Dose		2nd Dose Coverage	Percentage fully vaccinated*
		1st Dose Coverage	Percentage		
Alappuzha	744178	667070	90%	605296	81%
Ernakulam	1470864	1502833	102%	1174497	80%
Idukki	437537	417821	95%	321100	73%
Kannur	947964	960145	101%	789441	83%
Kasaragod	556876	498453	90%	390714	70%
Kollam	1054752	928384	88%	754513	72%
Kottayam	665544	652343	98%	544209	82%
Kozhikode	1313678	1212622	92%	914235	70%
Malappuram	1777378	1817216	102%	1302341	73%
Palakkad	1088327	1080521	99%	858732	79%
Pathanamthitta	460819	441490	96%	342937	74%
Thiruvananthapuram	1309099	1242024	95%	1019141	78%
Thrissur	1274465	1093820	86%	976307	77%
Wayanad	361152	353338	98%	292783	81%
<b>Grand Total</b>	<b>13462633</b>	<b>12,868,080</b>	<b>96%</b>	<b>10,286,246</b>	<b>76%</b>

\*Among those who have taken first dose

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 19/02/2022 midnight

15-17 years Coverage as on 20/02/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	73883	91%	34700	43%
Ernakulam	172307	105585	61%	33482	19%
Idukki	51339	33886	66%	14046	27%
Kannur	97722	95425	98%	32929	34%
Kasaragod	60496	46414	77%	11261	19%
Kollam	105234	90741	86%	30744	29%
Kottayam	85400	61773	72%	28732	34%
Kozhikode	143028	100310	70%	20176	14%
Malappuram	241212	166521	69%	17140	7%
Palakkad	132742	108797	82%	29967	23%
Pathanamthitta	48854	37701	77%	19696	40%
Thiruvananthapuram	145238	94497	65%	32929	23%
Thrissur	123540	117267	95%	60054	49%
Wayanad	29245	33334	114%	11952	41%
<b>Grand Total</b>	<b>1,517,189</b>	<b>1,166,134</b>	<b>76%</b>	<b>377,808</b>	<b>25%</b>

TABLE 8.State Summary (18+) as on 19/02/2022 midnight

State Summary (18+) 20-02-2022				at 12 AM			
District	Target	First Dose	Percentage	Second Dose	Percentage*	Precaution Dose	Percentage
Alappuzha	1704179	1602178	94%	1477026	87%	72861	54%
Ernakulam	2954098	3101614	105%	2610742	88%	91522	44%
Idukki	869082	895587	103%	744488	86%	19564	34%
Kannur	1913861	2001246	105%	1749981	91%	66959	47%
Kasaragod	992363	968170	98%	805630	81%	30632	40%
Kollam	2093511	2065082	99%	1773719	85%	71181	46%
Kottayam	1562022	1556126	100%	1361221	87%	58556	51%
Kozhikode	2499523	2503028	100%	2063462	83%	57917	35%
Malappuram	2988358	3125441	105%	2441475	82%	48698	40%
Palakkad	2140261	2149225	100%	1825240	85%	68361	50%
Pathanamthitta	1036488	1089493	105%	919364	89%	66870	52%
Thiruvananthapuram	2675400	2701455	101%	2325801	87%	111301	47%
Thrissur	2545664	2438384	96%	2234332	88%	87980	58%
Wayanad	659698	689648	105%	599624	91%	26068	36%
<b>Grand Total</b>	<b>2,66,34,508</b>	<b>26,886,677</b>	<b>101%</b>	<b>22,932,105</b>	<b>86%</b>	<b>878,470</b>	<b>46%</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 9. Achievement for the day 19/02/2022 midnight

Daily achievement 20-02-2022				
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	347	5915	836	7098
Ernakulam	625	5435	504	6564
Idukki	44	568	120	732
Kannur	158	806	222	1186
Kasaragod	119	574	194	887
Kollam	363	3530	162	4055
Kottayam	504	4991	302	5797
Kozhikode	1598	8879	364	10841
Malappuram	1004	4278	438	5720
Palakkad	167	1385	548	2100
Pathanamthitta	193	2912	229	3334
Thiruvananthapuram	1854	16977	500	19331
Thrissur	763	9562	840	11165
Wayanad	99	1043	225	1367
<b>Grand Total</b>	<b>7838</b>	<b>66855</b>	<b>5484</b>	<b>80177</b>

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

TABLE9.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