

# COVID-19 OUTBREAK CONTROL AND PREVENTION STATE CELL HEALTH & FAMILY WELFARE DEPARTMENT Govt of Kerala

www.health.kerala.gov.in

www.dhs.kerala.gov.in

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## KeralaHEALTH-COVID-19 DAILY VACCINATION BULLETIN Date: 22/01/2022

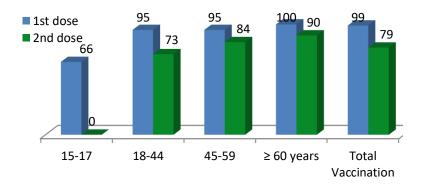
## OUR HEALTH OUR RESPONSIBILTY VACCINE ADVISORY

- 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 4-6 weeks.
- · 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 22-01-2022 midnight







99% of eligible population vaccinated with a single dose till January 22

**79%** of eligible population vaccinated with double dose till January 22

State has vaccinated more than **95%** of people aged more than 45-59 years with a single dose

99%

79%



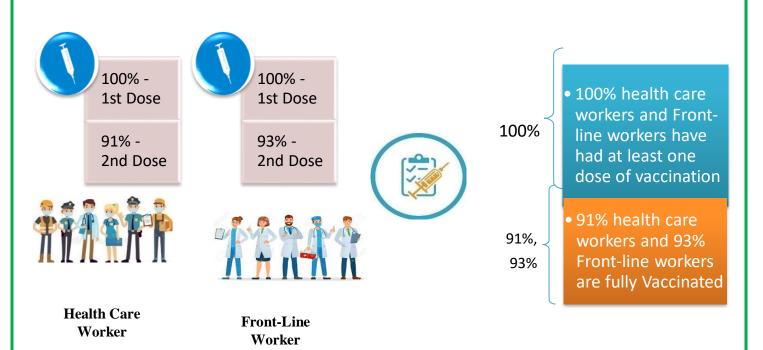
## Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16<sup>th</sup> January, 2021. As of 22<sup>th</sup> January 2022, Kerala has administered over 50 million doses overall, including first and second doses of vaccines.

Over 99 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 372 days since the beginning of the vaccination drive on January 16.

#### 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





## The Race Towards Full Vaccination - Weekly Trend 15<sup>th</sup> Jan, 2022 - 21<sup>st</sup> Jan, 2022

Kerala Administered over

5.64 Lakh

**COVID Vaccine Doses** 

in the last 7 days (15th Jan, 2022 to 21st Jan)

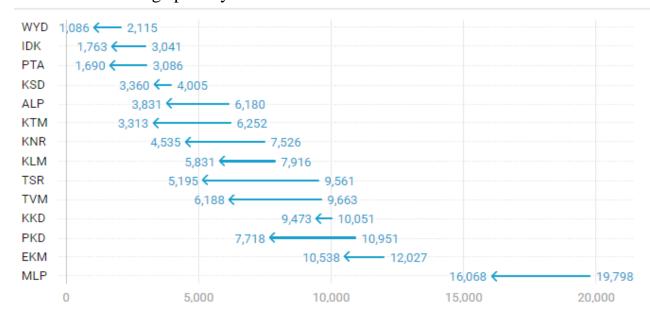


From 15<sup>th</sup> Jan, 2022 to 21<sup>st</sup> Jan, 2022 on average

 $0.81\ lakh\ doses\ were$  administered daily.

Average Doses Administered Per day per week (in 1000)

### Trend in average per day vaccination for the last two weeks



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## Race Against Time – Vaccination Quarterly Status

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

#### Daily Average Dozes Administered per Quarter

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

 $Q1:16^{th}$  Jan – Mar

Q2: Apr - June

Q3: July - Sep

Q4: Oct - Dec

1st -42201 2nd -5324

Q2

1st - **84369** 2nd -**31373**  Q3)

- 1st 150575
- 2nd 83578



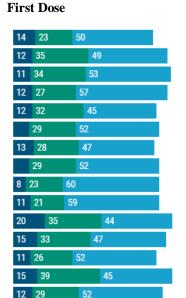
1st - **16724** 

2nd - **83578** 

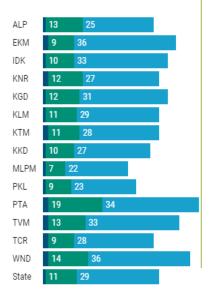
#### Vaccination Achievement per Quarter

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.



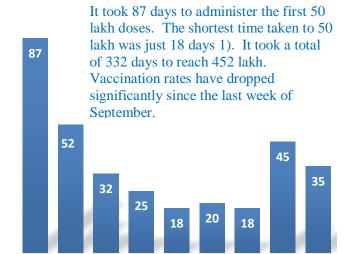


#### **Second Dose**



#### **Dose Progression**

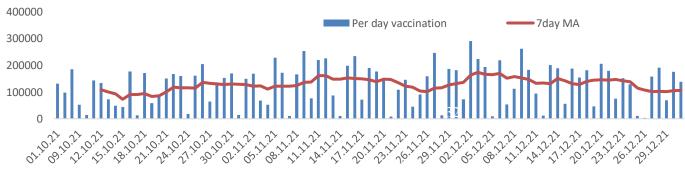
The chart shows the days taken for total COVID-19 Vaccination doses(both first and second) in Kerala to cross every 50 lakh dose mark



16 Jan- 14 Apr - 5 Jun - 7 July - 1 aug - 19 aug - 8 sep - 26 sep - 10 nov - 13 Apr 4 Jun 6 July 3t july 18 aug 7 sep 25 sep 9 nov 14 dec

#### 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 22/01/2022 midnight

State Summ						12 AM		
District	Target	First Dose	Percent age	Second Dose	Percen tage*	Precaution Dose	Perce ntage	Total doses administered
Alappuzha	1785011	1665690	93%	1439626	81%	24584	48%	3,129,900
Ernakulam	3126405	3177545	102%	2543002	81%	43129	33%	5,763,676
Idukki	920421	924047	100%	724129	79%	8554	28%	1,656,730
Kannur	2011583	2079864	103%	1701696	85%	26874	36%	3,808,434
Kasaragod	1052859	1001976	95%	785087	75%	11429	30%	1,798,492
Kollam	2198745	2136464	97%	1725841	78%	23546	35%	3,885,851
Kottayam	1647422	1604436	97%	1321399	80%	28951	42%	2,954,786
Kozhikode	2642551	2571350	97%	1996502	76%	23763	27%	4,591,615
Malappuram	3229570	3221142	100%	2340858	72%	20212	32%	5,582,212
Palakkad	2273003	2232398	98%	1756283	77%	23944	33%	4,012,625
Pathanamthitta	1085342	1120770	103%	902303	83%	25790	38%	2,048,863
Thiruvananthapuram	2820638	2771642	98%	2270666	81%	45482	40%	5,087,790
Thrissur	2669204	2539426	95%	2176182	82%	45973	50%	4,761,581
Wayanad	688943	714819	104%	585035	85%	11553	30%	1,311,407
<b>Grand Total</b>	28,151,697	27,761,569	99%	22,268,609	79%	363,784	36%	50,393,962

TABLE2. Covid-19 Vaccination Center Functional in the State as on 22/01/2022 midnight

DISTRICTS	15+	18+	Total
Alappuzha	81	89	170
Ernakulam	41	93	134
Idukki	16	22	38
Kannur	25	56	81
Kasaragod	43	9	52
Kollam	50	62	112
Kottayam	22	73	95
Kozhikode	95	48	143
Malappuram	75	102	177
Palakkad	36	47	83
Pathanamthitta	62	71	133
Thiruvananthapuram	21	134	155
Thrissur	117	133	250
Wayanad	37	37	74
GrandTotal	721	976	1697

TABLE3. Health Care Workers Coverage as on 22/01/2022 midnight

DISTRICT	1st DOSE	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose (%) *
Alappuzha	29010	27115	93%	8819	49%
Ernakulam	85555	75406	88%	18320	32%
Idukki	13551	12950	96%	3616	40%
Kannur	40379	37325	92%	12678	47%
Kasaragod	11610	10768	93%	3010	40%
Kollam	36029	33626	93%	9362	42%
Kottayam	38701	36115	93%	10750	42%
Kozhikode	52731	47775	91%	10579	33%
Malappuram	44827	41790	93%	11001	47%
Palakkad	34671	31845	92%	9898	43%
Pathanamthitta	29330	24973	85%	8016	43%
Thiruvananthapuram	73414	66113	90%	18155	40%
Thrissur	51909	49040	94%	18664	52%
Wayanad	13977	13257	95%	4480	44%
Grand Total	555694	508098	91%	147348	41%

<sup>1</sup>st Dose coverage for HCW is 100%

TABLE4.Frontline workers Coverage as on 22/01/2022 midnight

DISTRICT	1st dose	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose(%) *
Alappuzha	39120	36632	94%	6144	34%
Ernakulam	54920	50157	91%	7386	23%
Idukki	22991	21245	92%	2496	19%
Kannur	41375	39867	96%	4450	18%
Kasaragod	24612	22362	91%	2991	21%
Kollam	42226	38622	91%	4259	22%
Kottayam	32137	30488	95%	6532	32%
Kozhikode	55262	52395	95%	3504	13%
Malappuram	53909	51088	95%	4601	17%
Palakkad	48092	45339	94%	6223	22%
Pathanamthitta	25246	22425	89%	3503	24%
Thiruvananthapuram	72969	67301	92%	9291	32%
Thrissur	41902	40647	97%	10539	44%
Wayanad	17018	16052	94%	1687	15%
GrandTotal	571779	534620	94%	73606	24%
1st Dose coverage for FLW in *Proportion of beneficiaries v					

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

TABLE5.Age-Appropriate Group (45-59 Years) Coverage as on 22/01/2022 midnight

Table 5: Age appropriate group (45-59 years) coverage						
45-5	59 years C	overage as on	23/01/2022	at 12 AM		
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	
Alappuzha	535436	437807	82%	405364	76%	
Ernakulam	809349	781439	97%	684232	85%	
Idukki	237564	246490	104%	214787	90%	
Kannur	527295	514435	98%	466002	88%	
Kasaragod	253027	251454	99%	220110	87%	
Kollam	541201	558301	103%	488586	90%	
Kottayam	478470	413035	86%	363756	76%	
Kozhikode	658949	652528	99%	562894	85%	
Malappuram	733338	719854	98%	600540	82%	
Palakkad	614226	545202	89%	480403	78%	
Pathanamthitta	264372	281179	106%	248145	94%	
Thiruvananthapuram	735836	679554	92%	599328	81%	
Thrissur	689418	662272	96%	606177	88%	
Wayanad	170537	176900	104%	162401	95%	
<b>Grand Total</b>	7249018	6,920,450	95%	6,102,725	84%	

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 22/01/2022 midnight

Table 6: Age appropriate group (≥ 60 years) coverage								
≥ 60 years Coverage as on 23/01/2022 at 12 AM								
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%	
Alappuzha	424565	427997	101%	393514	93%	9621	62%	
Ernakulam	673885	674759	100%	611465	91%	17423	41%	
Idukki	193981	194192	100%	170277	88%	2442	29%	
Kannur	438602	443638	101%	405361	92%	9746	42%	
Kasaragod	182460	181369	99%	158294	87%	5428	34%	
Kollam	497558	498390	100%	446378	90%	9925	38%	
Kottayam	418008	418672	100%	376890	90%	11669	51%	
Kozhikode	526896	527734	100%	469755	89%	9680	31%	
Malappuram	477642	486782	102%	423804	89%	4610	35%	
Palakkad	437708	438561	100%	392639	90%	7823	35%	
Pathanamthitta	311297	311583	100%	277357	89%	14271	41%	
Thiruvananthapuram	630465	631433	100%	561311	89%	18036	48%	
Thrissur	581781	586814	101%	547851	94%	16770	52%	
Wayanad	128009	128085	100%	113161	88%	5386	30%	
<b>Grand Total</b>	5922857	5,950,009	100%	5,348,057	90%	142,830	41%	

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TABLE6.Age-Appropriate Group (18-44 Years) Coverage as on 22/01/2022 midnight

TIBEE SET SET SET SET SET SET SET SET SET S	18-44 years Coverage as on 23/01/2022 at 12 AM						
District	Target	First Dose					
		1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated*		
Alappuzha	744178	663092	89%	577001	78%		
Ernakulam	1470864	1490962	101%	1121742	76%		
Idukki	437537	415263	95%	304870	70%		
Kannur	947964	953388	101%	753141	79%		
Kasaragod	556876	493177	89%	373553	67%		
Kollam	1054752	921662	87%	718629	68%		
Kottayam	665544	647756	97%	514150	77%		
Kozhikode	1313678	1199060	91%	863683	66%		
Malappuram	1777378	1791495	101%	1223636	69%		
Palakkad	1088327	1069345	98%	806057	74%		
Pathanamthitta	460819	439229	95%	329403	71%		
Thiruvananthapuram	1309099	1233072	94%	976613	75%		
Thrissur	1274465	1087892	85%	932467	73%		
Wayanad	361152	350542	97%	280164	78%		
Grand Total	13462633	12,755,935	95%	9,775,109	73%		
*Among those who hav	e taken firs	t dose					

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 22/01/2022 midnight

Table 6: Age appropriate group (15-17 years) coverage						
15-17 year	15-17 years Coverage as on					
District	Target	1st Dose Coverage	Percentage			
Alappuzha	80832	68664	85%			
Ernakulam	172307	89910	52%			
Idukki	51339	31560	61%			
Kannur	97722	86649	89%			
Kasaragod	60496	39754	66%			
Kollam	105234	79856	76%			
Kottayam	85400	54135	63%			
Kozhikode	143028	84035	59%			
Malappuram	241212	124275	52%			
Palakkad	132742	96527	73%			
Pathanamthitta	48854	34203	70%			
Thiruvananthapuram	145238	81200	56%			
Thrissur	123540	108637	88%			
Wayanad	29245	28297	97%			
<b>Grand Total</b>	1,517,189	1,007,702	66%			

TABLE 8. Achievement for the day 22/01/2022 midnight

Daily ac	chievement	23-01-2022		
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	2378	2050	1618	8458
Ernakulam	4430	5886	5365	21905
Idukki	826	1172	667	4323
Kannur	2985	2395	2128	11348
Kasaragod	2194	598	645	8794
Kollam	3825	1970	2487	11142
Kottayam	2588	3151	2649	9241
Kozhikode	11371	3201	1612	14752
Malappuram	11840	6242	1780	22770
Palakkad	5078	3817	2544	15059
Pathanamthitta	862	897	3316	6555
Thiruvananthapuram	1842	3639	4449	9291
Thrissur	2481	3929	3126	17118
Wayanad	955	515	895	2874
<b>Grand Total</b>	53655	39462	33281	126398

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

TABLE 9. COVID Vaccination related sites

support@cowin.gov.inv

https://www.cowin.gov.in/home

https://dashboard.kerala.gov.in/

https://dhs.kerala.gov.in/https:

//arogyakeralam.gov.in/https:/

/sha.kerala.gov.in/

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