



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

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KeralaHEALTH-COVID-19 DAILY VACCINATION BULLETIN

Date: 23/03/2022

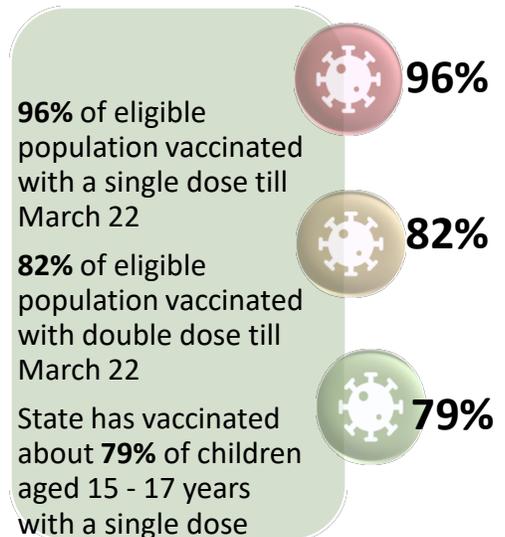
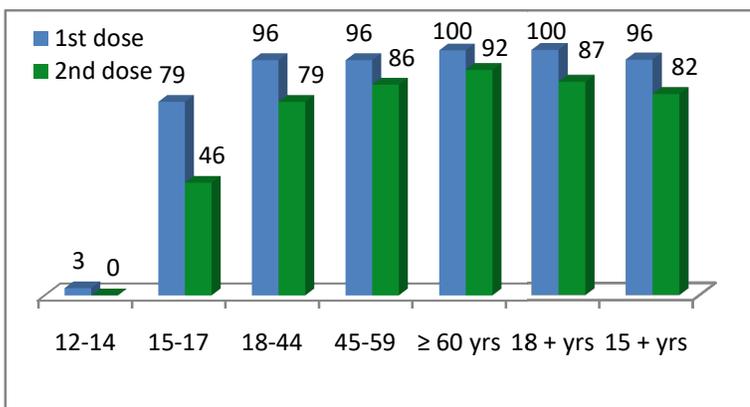
**OUR HEALTH OUR RESPONSIBILITY
VACCINE ADVISORY**

- *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 23-03-2022 midnight



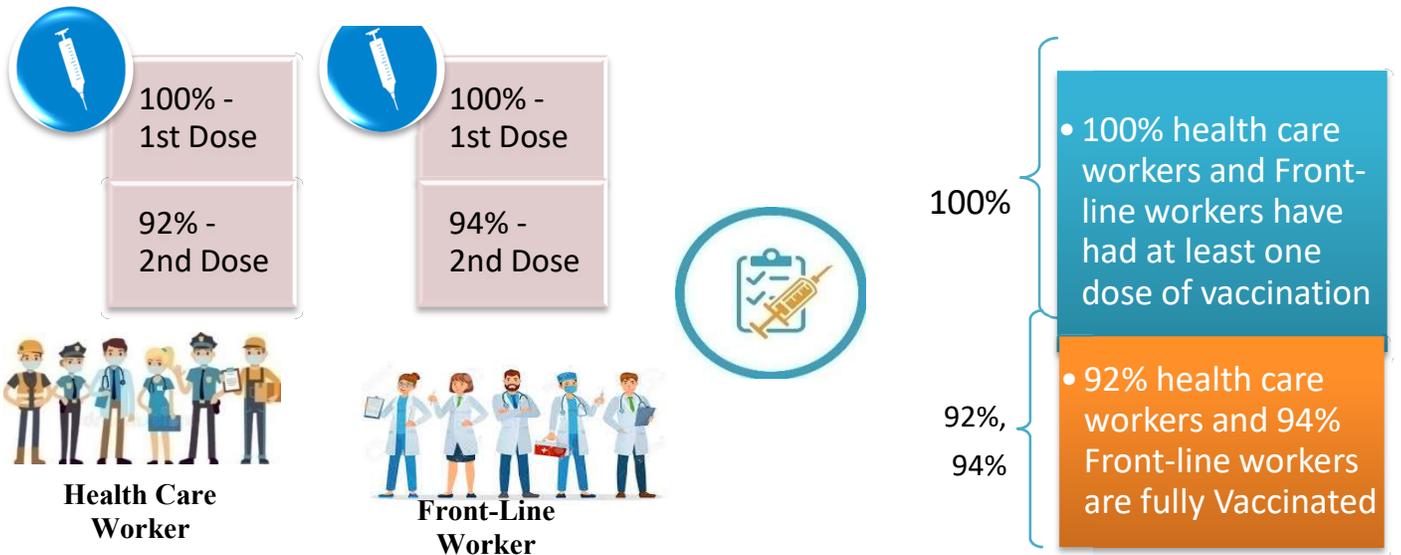
Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16th January, 2021. As of 23th March 2022, Kerala has administered over 53 million doses overall, including first and second doses of vaccines.

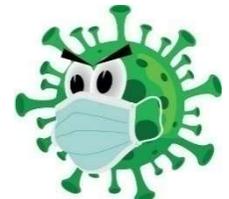
Over 96 per cent of the eligible population (15 + years) in Kerala has been administered the first dose of the Covid-19 vaccine. The state has achieved the target within 440 days since the beginning of the vaccination drive on January 16, 2021

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

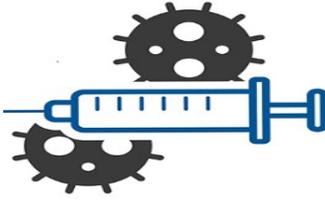
12th – 18th Mar, 2022

Kerala Administered over

1.64 Lakh

COVID Vaccine Doses

in the last 7 days
(5th to 11th Mar)



From 5th to 11th Mar, 2022 on average

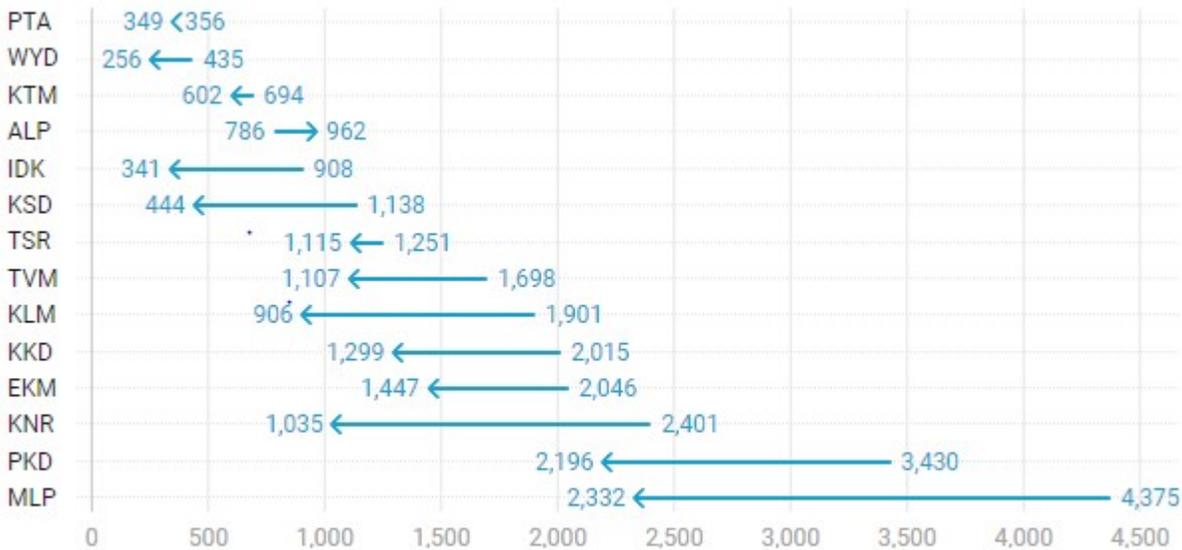
0.231 lakh

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

(Q1:16th 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

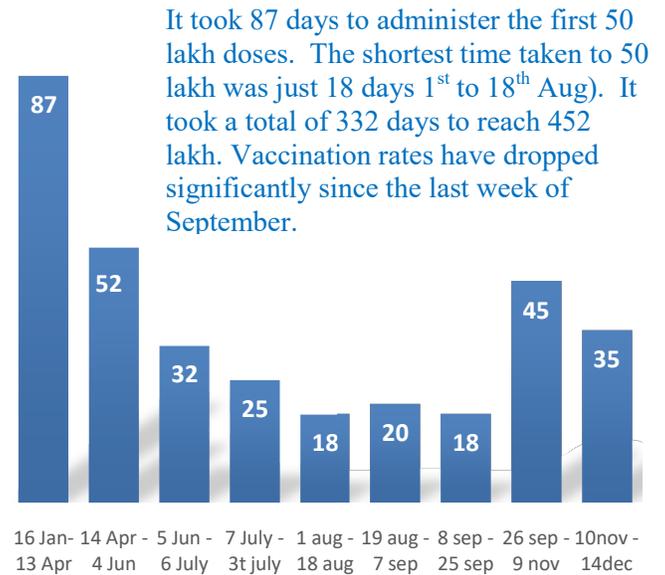
The chart shows the days taken for total COVID-19 Vaccination doses (both first and second) in Kerala to cross every 50 lakh dose mark

■ Q1 ■ Q2 ■ Q3

First Dose



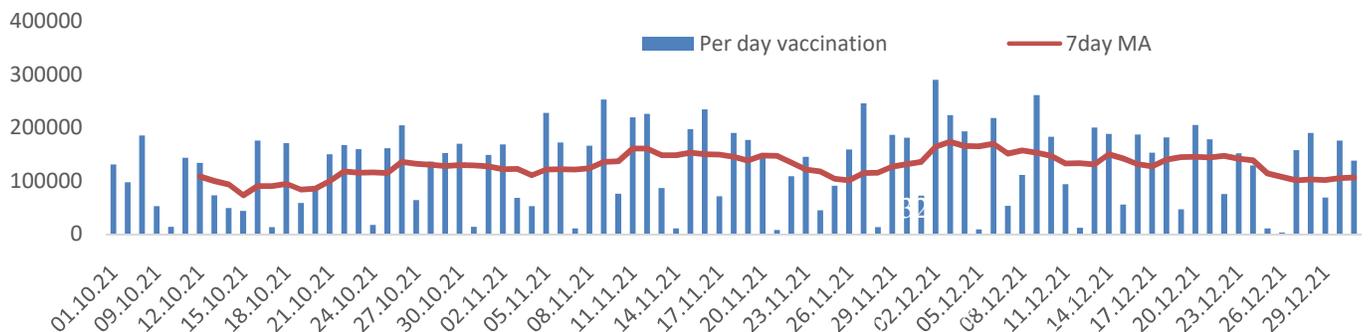
Second Dose



It took 87 days to administer the first 50 lakh doses. The shortest time taken to 50 lakh was just 18 days 1st to 18th 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 2nd 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 23/03/2022 midnight

State Summary (15+ years)-Total doses administered till 24/3/2022 at 12 AM								
District	Target	First Dose	Percent age	Second Dose	Percentage*	Precaution Dose	Percentage	Total doses administered
Alappuzha	1829568	1685499	92%	1553185	85%	84877	51%	3,323,561
Ernakulam	3217878	3216714	100%	2722189	85%	110801	45%	6,049,704
Idukki	950762	932386	98%	777509	82%	23097	32%	1,732,992
Kannur	2100307	2106355	100%	1841456	88%	81054	43%	4,028,865
Kasaragod	1092141	1018894	93%	845792	77%	34961	38%	1,899,647
Kollam	2268371	2161622	95%	1858945	82%	82939	46%	4,103,506
Kottayam	1704500	1621618	95%	1417094	83%	72683	44%	3,111,395
Kozhikode	2746273	2613281	95%	2149172	78%	69632	34%	4,832,085
Malappuram	3386535	3312259	98%	2567975	76%	59846	36%	5,940,080
Palakkad	2349082	2277860	97%	1935348	82%	78596	47%	4,291,804
Pathanamthitta	1118564	1129406	101%	953037	85%	76977	48%	2,159,420
Thiruvananthapuram	2914006	2803072	96%	2409715	83%	132900	45%	5,345,687
Thrissur	2767777	2565264	93%	2345489	85%	108047	53%	5,018,800
Wayanad	716933	726007	101%	624937	87%	29506	35%	1,380,450
Grand Total	29,162,697	28,170,237	96%	24,001,843	82%	1,045,916	44%	53,217,996

TABLE2.Covid-19 Vaccination Center Functional in the State as on 23/03/2022 midnight

DISTRICTS	12+	15+	18+	Total
Alappuzha	0	1	6	7
Ernakulam	0	2	20	22
Idukki	1	0	5	6
Kannur	0	1	6	7
Kasaragod	0	0	14	14
Kollam	0	1	11	12
Kottayam	0	1	10	11
Kozhikode	0	1	100	101
Malappuram	7	11	30	48
Palakkad	2	4	18	24
Pathanamthitta	0	6	12	18
Thiruvananthapuram	0	5	24	29
Thrissur	0	3	15	18
Wayanad	3	2	4	9
GrandTotal	13	38	275	326

TABLE3. Health Care Workers Coverage as on 23/03/2022 midnight

DISTRICT	1st DOSE	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose (%) *
Alappuzha	29021	27205	94%	12249	55%
Ernakulam	85565	75724	88%	28897	46%
Idukki	13553	12988	96%	5139	48%
Kannur	40388	37492	93%	16792	52%
Kasaragod	11610	10805	93%	4442	50%
Kollam	36035	33781	94%	13577	51%
Kottayam	38706	36261	94%	15238	51%
Kozhikode	52734	47906	91%	16154	42%
Malappuram	44832	41959	94%	15663	50%
Palakkad	34673	31986	92%	14296	54%
Pathanamthitta	29336	25055	85%	10584	50%
Thiruvananthapuram	73421	66313	90%	24234	45%
Thrissur	51909	49150	95%	24269	59%
Wayanad	13978	13277	95%	6019	51%
Grand Total	555761	509902	92%	207553	50%

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 23/03/2022 midnight

DISTRICT	1st dose	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose(%) *
Alappuzha	39126	36720	94%	11699	39%
Ernakulam	54934	50301	92%	16477	41%
Idukki	22993	21315	93%	4711	29%
Kannur	41381	39939	97%	10778	33%
Kasaragod	24615	22452	91%	5709	31%
Kollam	42235	38785	92%	8934	32%
Kottayam	32139	30582	95%	9810	38%
Kozhikode	55272	52521	95%	7658	19%
Malappuram	53913	51233	95%	11189	28%
Palakkad	48096	45501	95%	14035	38%
Pathanamthitta	25249	22509	89%	6054	33%
Thiruvananthapuram	72995	67547	93%	17800	38%
Thrissur	41904	40711	97%	15602	48%
Wayanad	17021	16082	94%	3723	28%
Grand Total	571873	536198	94%	144179	34%

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 23/03/2022 midnight

Table 5: Age appropriate group (45-59 years) coverage					
45-59 years Coverage as on 24/03/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	535436	438702	82%	413653	77%
Ernakulam	809349	783233	97%	699445	86%
Idukki	237564	246888	104%	218301	92%
Kannur	527295	515547	98%	477392	91%
Kasaragod	253027	252075	100%	223220	88%
Kollam	541201	559725	103%	499488	92%
Kottayam	478470	413947	87%	372434	78%
Kozhikode	658949	654322	99%	577962	88%
Malappuram	733338	722488	99%	623466	85%
Palakkad	614226	546903	89%	496024	81%
Pathanamthitta	264372	281642	107%	250867	95%
Thiruvananthapuram	735836	681223	93%	610676	83%
Thrissur	689418	663630	96%	621253	90%
Wayanad	170537	177105	104%	163988	96%
Grand Total	7249018	6,937,430	96%	6,248,169	86%

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 23/03/2022 midnight

Table 6: Age appropriate group (≥ 60 years) coverage							
≥ 60 years Coverage as on 24/03/2022 at 12 AM							
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	424565	428719	101%	398780	94%	60929	53%
Ernakulam	673885	675921	100%	618581	92%	65427	45%
Idukki	193981	194497	100%	172371	89%	13247	29%
Kannur	438602	444282	101%	411102	94%	53484	43%
Kasaragod	182460	181633	100%	159890	88%	24810	39%
Kollam	497558	499277	100%	452983	91%	60428	48%
Kottayam	418008	419422	100%	382350	91%	47635	43%
Kozhikode	526896	528869	100%	477961	91%	45820	36%
Malappuram	477642	487886	102%	432524	91%	32994	34%
Palakkad	437708	439597	100%	399926	91%	50265	49%
Pathanamthitta	311297	311992	100%	279684	90%	60339	50%
Thiruvananthapuram	630465	632634	100%	568896	90%	90866	47%
Thrissur	581781	587795	101%	555517	95%	68176	53%
Wayanad	128009	128274	100%	114111	89%	19764	34%
Grand Total	5922857	5,960,798	101%	5,424,676	92%	694,184	45%

TABLE 6. Age-Appropriate Group (18-44 Years) Coverage as on 23/03/2022 midnight

18-44 years Coverage as on 24/03/2022 at 12 AM					
District	Target	First Dose		2nd Dose Coverage	Percentage fully vaccinated*
		1st Dose Coverage	Percentage		
Alappuzha	744178	668456	90%	620896	83%
Ernakulam	1470864	1507083	102%	1208148	82%
Idukki	437537	418630	96%	328327	75%
Kannur	947964	962888	102%	811378	86%
Kasaragod	556876	500101	90%	401270	72%
Kollam	1054752	930631	88%	775060	73%
Kottayam	665544	653664	98%	556033	84%
Kozhikode	1313678	1217018	93%	943874	72%
Malappuram	1777378	1825026	103%	1351571	76%
Palakkad	1088327	1083786	100%	890865	82%
Pathanamthitta	460819	442256	96%	348542	76%
Thiruvananthapuram	1309099	1245208	95%	1042915	80%
Thrissur	1274465	1095917	86%	998873	78%
Wayanad	361152	353951	98%	298044	83%
Grand Total	13462633	12,904,615	96%	10,575,796	79%

*Among those who have taken first dose

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 23/03/2022 midnight

15-17 years Coverage as on 24/03/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	75591	94%	55931	69%
Ernakulam	172307	109865	64%	69990	41%
Idukki	51339	35048	68%	24207	47%
Kannur	97722	98468	101%	64153	66%
Kasaragod	60496	48249	80%	28155	47%
Kollam	105234	93706	89%	58848	56%
Kottayam	85400	63336	74%	39434	46%
Kozhikode	143028	104787	73%	48948	34%
Malappuram	241212	175990	73%	67222	28%
Palakkad	132742	112517	85%	71046	54%
Pathanamthitta	48854	38410	79%	26380	54%
Thiruvananthapuram	145238	97508	67%	53368	37%
Thrissur	123540	119506	97%	79985	65%
Wayanad	29245	34090	117%	19435	66%
Grand Total	1,517,189	1,207,071	79%	707,102	46%

Table 8: Age appropriate group (12-14 years) Coverage as on 23/03/2022 midnight

12-14 years Coverage as on 24/3/2022 at 12 AM				
District	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	5884	14%	0	0%
Ernakulam	113	0%	0	0%
Idukki	777	3%	0	0%
Kannur	3401	4%	0	0%
Kasaragod	611	2%	0	0%
Kollam	13	0%	0	0%
Kottayam	404	1%	0	0%
Kozhikode	279	0%	0	0%
Malappuram	2124	1%	0	0%
Palakkad	12288	16%	0	0%
Pathanamthitta	521	2%	0	0%
Thiruvananthapuram	83	0%	0	0%
Thrissur	4603	5%	0	0%
Wayanad	1588	6%	0	0%
Grand Total	32,689	3%	0	0%

TABLE9.State Summary (18+) as on 23/03/2022 midnight

State Summary (18+) 24-03-2022 at 12 AM							
District	Target	First Dose	Percentage	Second Dose	Percentage*	Precaution Dose	Percentage
Alappuzha	1704179	1604024	94%	1497254	88%	84877	51%
Ernakulam	2954098	3106736	105%	2652199	90%	110801	45%
Idukki	869082	896561	103%	753302	87%	23097	32%
Kannur	1913861	2004486	105%	1777303	93%	81054	43%
Kasaragod	992363	970034	98%	817637	82%	34961	38%
Kollam	2093511	2067903	99%	1800097	86%	82939	46%
Kottayam	1562022	1557878	100%	1377660	88%	72683	44%
Kozhikode	2499523	2508215	100%	2100224	84%	69632	34%
Malappuram	2988358	3134145	105%	2500753	84%	59846	36%
Palakkad	2140261	2153055	101%	1864302	87%	78596	47%
Pathanamthitta	1036488	1090475	105%	926657	89%	76977	48%
Thiruvananthapuram	2675400	2705481	101%	2356347	88%	132900	45%
Thrissur	2545664	2441155	96%	2265504	89%	108047	53%
Wayanad	659698	690329	105%	605502	92%	29506	35%
Grand Total	2,66,34,508	26,930,477	101%	23,294,741	87%	1,045,916	44%

*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 23/03/2022 midnight

Daily achievement 24-03-2022				
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	10	104	198	312
Ernakulam	24	110	150	284
Idukki	7	57	64	128
Kannur	14	109	60	183
Kasaragod	45	351	295	691
Kollam	14	162	156	332
Kottayam	9	38	101	148
Kozhikode	59	374	386	819
Malappuram	135	939	683	1757
Palakkad	160	361	250	771
Pathanamthitta	7	38	115	160
Thiruvananthapuram	132	163	486	781
Thrissur	7	29	99	135
Wayanad	8	117	275	400
Grand Total	631	2952	3318	6901

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

TABLE 11. COVID Vaccination related sites

support@cowin.gov.in https://www.cowin.gov.in/home https://dashboard.kerala.gov.in/ https://dhs.kerala.gov.in/https://aogyakeralam.gov.in/https://sha.kerala.gov.in/

TABLE 10. 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