



**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: 21/03/2022

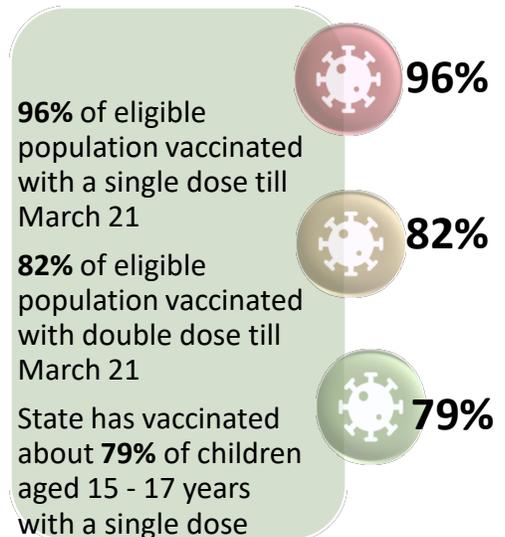
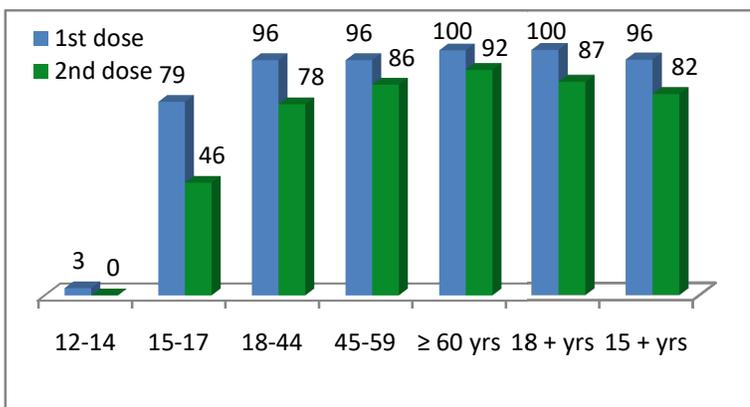
**OUR HEALTH OUR RESPONSIBILITY
VACCINE ADVISORY**

- *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 21-03-2022 midnight



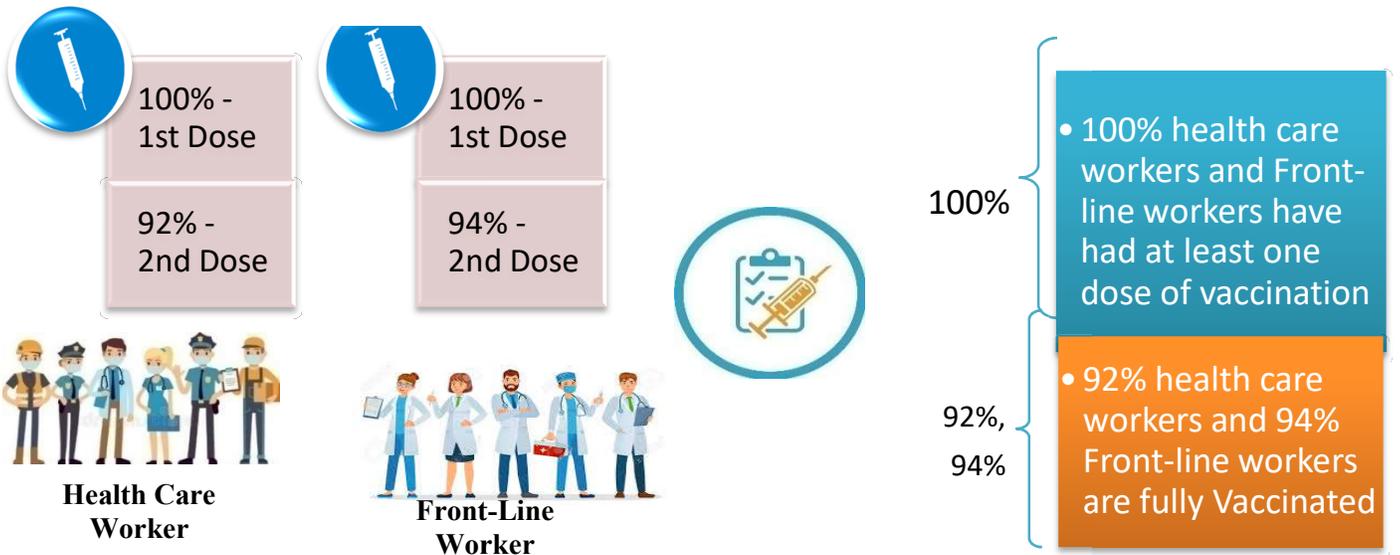
Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16th January, 2021. As of 21th March 2022, Kerala has administered over 53 million doses overall, including first and second doses of vaccines.

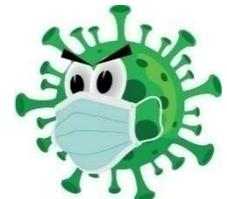
Over 96 per cent of the eligible population (15 + years) in Kerala has been administered the first dose of the Covid-19 vaccine. The state has achieved the target within 438 days since the beginning of the vaccination drive on January 16, 2021

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

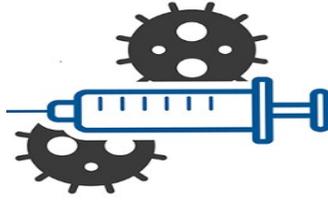
5th – 11th Mar, 2022

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

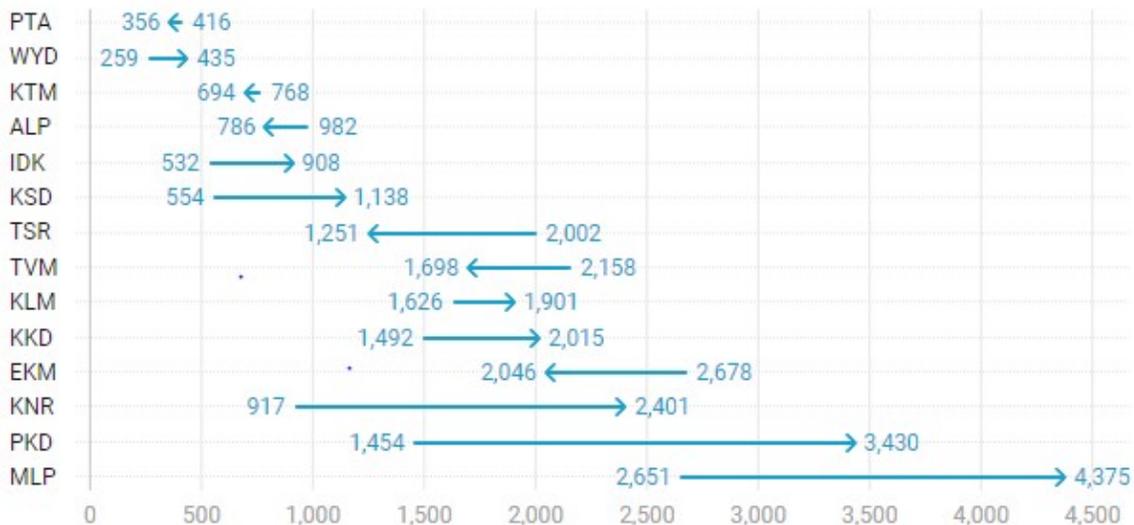
0.23lakh

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

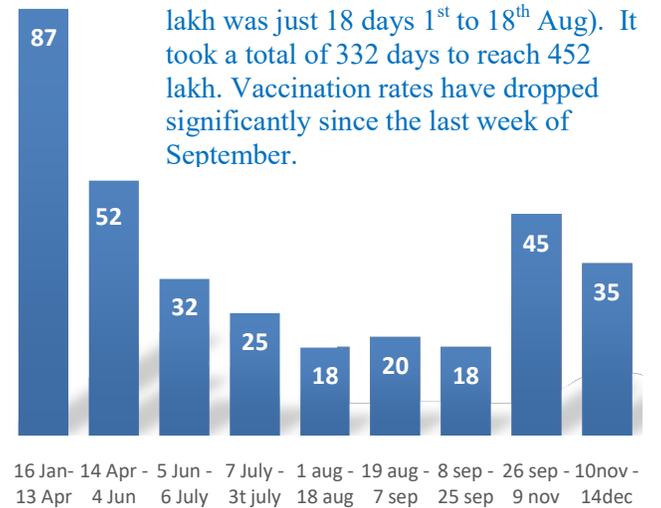
The chart shows the days taken for total COVID-19 Vaccination doses (both first and second) in Kerala to cross every 50 lakh dose mark

■ Q1 ■ Q2 ■ Q3

First Dose



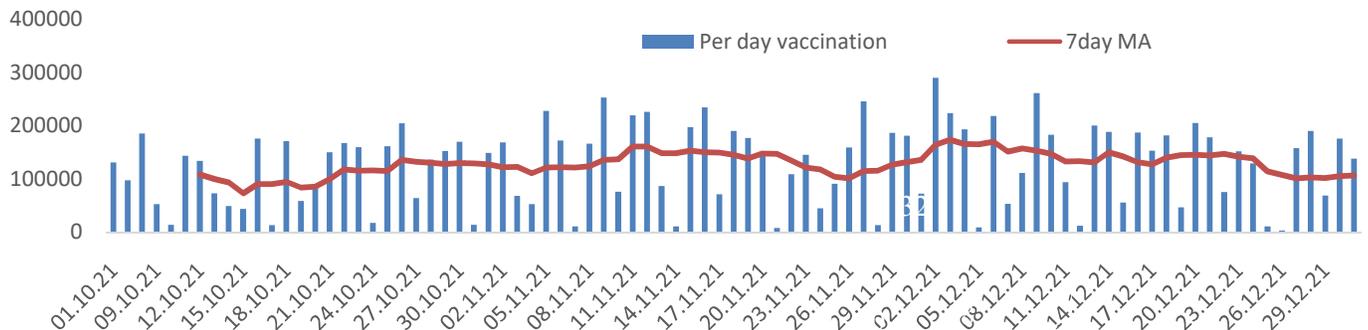
Second Dose



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 21/03/2022 midnight

State Summary (15+ years)-Total doses administered till 22/3/2022 at 12 AM								
District	Target	First Dose	Percent age	Second Dose	Percentage*	Precaution Dose	Percentage	Total doses administered
Alappuzha	1829568	1683533	92%	1552964	85%	84465	55%	3,320,962
Ernakulam	3217878	3216311	100%	2719332	85%	109075	39%	6,044,718
Idukki	950762	931865	98%	776931	82%	22579	35%	1,731,375
Kannur	2100307	2105750	100%	1839661	88%	77926	43%	4,023,337
Kasaragod	1092141	1018846	93%	845332	77%	34549	45%	1,898,727
Kollam	2268371	2161476	95%	1857699	82%	81596	45%	4,100,771
Kottayam	1704500	1621496	95%	1416229	83%	69698	44%	3,107,423
Kozhikode	2746273	2613020	95%	2147647	78%	68420	33%	4,829,087
Malappuram	3386535	3311307	98%	2564816	76%	57834	36%	5,933,957
Palakkad	2349082	2275449	97%	1932641	82%	77384	52%	4,285,474
Pathanamthitta	1118564	1129121	101%	952563	85%	74801	47%	2,156,485
Thiruvananthapuram	2914006	2802817	96%	2408548	83%	130112	43%	5,341,477
Thrissur	2767777	2564891	93%	2343323	85%	105175	48%	5,013,389
Wayanad	716933	725737	101%	624564	87%	29069	37%	1,379,370
Grand Total	29,162,697	28,161,619	96%	23,982,250	82%	1,022,683	43%	53,166,552

TABLE2.Covid-19Vaccination Center Functional in the State as on 21/03/2022 midnight

DISTRICTS	12+	15+	18+	Total
Alappuzha	7	0	86	93
Ernakulam	2	10	36	48
Idukki	4	0	26	30
Kannur	18	8	21	47
Kasaragod	0	41	47	88
Kollam	0	25	38	63
Kottayam	3	8	65	76
Kozhikode	1	1	101	103
Malappuram	21	22	62	105
Palakkad	36	7	35	78
Pathanamthitta	2	60	66	128
Thiruvananthapuram	0	6	122	128
Thrissur	0	3	132	135
Wayanad	35	8	9	52
GrandTotal	129	199	846	1174

TABLE3. Health Care Workers Coverage as on 21/03/2022 midnight

DISTRICT	1st DOSE	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose (%) *
Alappuzha	29021	27203	94%	12239	44%
Ernakulam	85565	75720	88%	28854	36%
Idukki	13553	12987	96%	5113	40%
Kannur	40388	37491	93%	16745	43%
Kasaragod	11610	10805	93%	4439	40%
Kollam	36035	33780	94%	13532	39%
Kottayam	38706	36259	94%	15180	42%
Kozhikode	52734	47904	91%	16083	32%
Malappuram	44832	41954	94%	15589	36%
Palakkad	34673	31985	92%	14232	43%
Pathanamthitta	29336	25055	85%	10549	39%
Thiruvananthapuram	73421	66307	90%	24171	34%
Thrissur	51909	49149	95%	24216	49%
Wayanad	13978	13276	95%	5991	45%
Grand Total	555761	509875	92%	206933	39%

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 21/03/2022 midnight

DISTRICT	1st dose	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose(%) *
Alappuzha	39126	36720	94%	11694	53%
Ernakulam	54934	50298	92%	16442	26%
Idukki	22993	21315	93%	4701	44%
Kannur	41381	39939	97%	10753	34%
Kasaragod	24615	22452	91%	5698	65%
Kollam	42235	38783	92%	8914	33%
Kottayam	32139	30581	95%	9786	34%
Kozhikode	55272	52519	95%	7638	20%
Malappuram	53913	51232	95%	11144	36%
Palakkad	48096	45500	95%	13989	53%
Pathanamthitta	25249	22509	89%	6048	29%
Thiruvananthapuram	72995	67544	93%	17718	33%
Thrissur	41904	40710	97%	15555	38%
Wayanad	17021	16082	94%	3716	32%
Grand Total	571873	536184	94%	143796	35%

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 21/03/2022 midnight

Table 5: Age appropriate group (45-59 years) coverage					
45-59 years Coverage as on 22/03/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	535436	438700	82%	413620	77%
Ernakulam	809349	783212	97%	699220	86%
Idukki	237564	246885	104%	218251	92%
Kannur	527295	515531	98%	477175	90%
Kasaragod	253027	252071	100%	223194	88%
Kollam	541201	559713	103%	499315	92%
Kottayam	478470	413938	87%	372316	78%
Kozhikode	658949	654308	99%	577805	88%
Malappuram	733338	722474	99%	623131	85%
Palakkad	614226	546896	89%	495710	81%
Pathanamthitta	264372	281636	107%	250810	95%
Thiruvananthapuram	735836	681171	93%	610493	83%
Thrissur	689418	663613	96%	620976	90%
Wayanad	170537	177105	104%	163976	96%
Grand Total	7249018	6,937,253	96%	6,245,992	86%

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 21/03/2022 midnight

Table 6: Age appropriate group (≥ 60 years) coverage							
≥ 60 years Coverage as on 22/03/2022 at 12 AM							
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	424565	428714	101%	398746	94%	60532	58%
Ernakulam	673885	675901	100%	618495	92%	63779	47%
Idukki	193981	194493	100%	172335	89%	12765	31%
Kannur	438602	444266	101%	410971	94%	50428	45%
Kasaragod	182460	181632	100%	159871	88%	24412	42%
Kollam	497558	499257	100%	452865	91%	59150	48%
Kottayam	418008	419409	100%	382232	91%	44732	48%
Kozhikode	526896	528855	100%	477845	91%	44699	37%
Malappuram	477642	487871	102%	432413	91%	31101	37%
Palakkad	437708	439589	100%	399798	91%	49163	55%
Pathanamthitta	311297	311983	100%	279615	90%	58204	53%
Thiruvananthapuram	630465	632602	100%	568777	90%	88223	49%
Thrissur	581781	587781	101%	555400	95%	65404	52%
Wayanad	128009	128272	100%	114085	89%	19362	36%
Grand Total	5922857	5,960,625	101%	5,423,448	92%	671,954	47%

TABLE 6. Age-Appropriate Group (18-44 Years) Coverage as on 21/03/2022 midnight

18-44 years Coverage as on 22/03/2022 at 12 AM					
District	Target	First Dose		2nd Dose Coverage	Percentage fully vaccinated*
		1st Dose Coverage	Percentage		
Alappuzha	744178	668444	90%	620784	83%
Ernakulam	1470864	1506944	102%	1207097	82%
Idukki	437537	418604	96%	328027	75%
Kannur	947964	962762	102%	810398	85%
Kasaragod	556876	500063	90%	400988	72%
Kollam	1054752	930547	88%	774360	73%
Kottayam	665544	653614	98%	555608	83%
Kozhikode	1313678	1216879	93%	942981	72%
Malappuram	1777378	1824790	103%	1349762	76%
Palakkad	1088327	1083673	100%	889201	82%
Pathanamthitta	460819	442233	96%	348318	76%
Thiruvananthapuram	1309099	1245054	95%	1042165	80%
Thrissur	1274465	1095822	86%	997917	78%
Wayanad	361152	353928	98%	297832	82%
Grand Total	13462633	12,903,357	96%	10,565,438	78%

*Among those who have taken first dose

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 21/03/2022 midnight

15-17 years Coverage as on 22/03/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	75584	94%	55891	69%
Ernakulam	172307	109642	64%	68502	40%
Idukki	51339	34992	68%	24016	47%
Kannur	97722	98402	101%	63687	65%
Kasaragod	60496	48244	80%	28022	46%
Kollam	105234	93676	89%	58596	56%
Kottayam	85400	63306	74%	39233	46%
Kozhikode	143028	104713	73%	48593	34%
Malappuram	241212	175874	73%	66324	27%
Palakkad	132742	112378	85%	70447	53%
Pathanamthitta	48854	38374	79%	26256	54%
Thiruvananthapuram	145238	97491	67%	53262	37%
Thrissur	123540	119402	97%	79171	64%
Wayanad	29245	34074	117%	19313	66%
Grand Total	1,517,189	1,206,152	79%	701,313	46%

Table 8: Age appropriate group (12-14 years) Coverage as on 21/03/2022 midnight

12-14 years Coverage as on 22/3/2022 at 12 AM				
District	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	3944	9%	0	0%
Ernakulam	113	0%	0	0%
Idukki	345	1%	0	0%
Kannur	3020	3%	0	0%
Kasaragod	611	2%	0	0%
Kollam	13	0%	0	0%
Kottayam	384	1%	0	0%
Kozhikode	259	0%	0	0%
Malappuram	1553	1%	0	0%
Palakkad	10144	13%	0	0%
Pathanamthitta	310	1%	0	0%
Thiruvananthapuram	83	0%	0	0%
Thrissur	4460	5%	0	0%
Wayanad	1359	5%	0	0%
Grand Total	26,598	3%	0	0%

TABLE9.State Summary (18+) as on 21/03/2022 midnight

State Summary (18+) 22-03-2022 at 12 AM							
District	Target	First Dose	Percentage	Second Dose	Percentage*	Precaution Dose	Percentage
Alappuzha	1704179	1604005	94%	1497073	88%	84465	55%
Ernakulam	2954098	3106556	105%	2650830	90%	109075	39%
Idukki	869082	896528	103%	752915	87%	22579	35%
Kannur	1913861	2004328	105%	1775974	93%	77926	43%
Kasaragod	992363	969991	98%	817310	82%	34549	45%
Kollam	2093511	2067787	99%	1799103	86%	81596	45%
Kottayam	1562022	1557806	100%	1376996	88%	69698	44%
Kozhikode	2499523	2508048	100%	2099054	84%	68420	33%
Malappuram	2988358	3133880	105%	2498492	84%	57834	36%
Palakkad	2140261	2152927	101%	1862194	87%	77384	52%
Pathanamthitta	1036488	1090437	105%	926307	89%	74801	47%
Thiruvananthapuram	2675400	2705243	101%	2355286	88%	130112	43%
Thrissur	2545664	2441029	96%	2264152	89%	105175	48%
Wayanad	659698	690304	105%	605251	92%	29069	37%
Grand Total	2,66,34,508	26,928,869	101%	23,280,937	87%	1,022,683	43%

*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 21/03/2022 midnight

Daily achievement 22-03-2022				
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	293	1145	2211	3649
Ernakulam	156	917	729	1802
Idukki	412	316	375	1103
Kannur	1050	732	1087	2869
Kasaragod	178	888	350	1416
Kollam	116	1249	1262	2627
Kottayam	112	563	1700	2375
Kozhikode	313	2099	2374	4786
Malappuram	1185	2018	877	4080
Palakkad	5165	1445	657	7267
Pathanamthitta	51	331	1402	1784
Thiruvananthapuram	163	962	2920	4045
Thrissur	75	1175	4157	5407
Wayanad	632	261	63	956
Grand Total	9901	14101	20164	44166

** 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