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

www.dbs.kerala.gov.in

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KeralaHEALTH-COVID-19 DAILY VACCINATION BULLETIN

Date: 05/04/2022

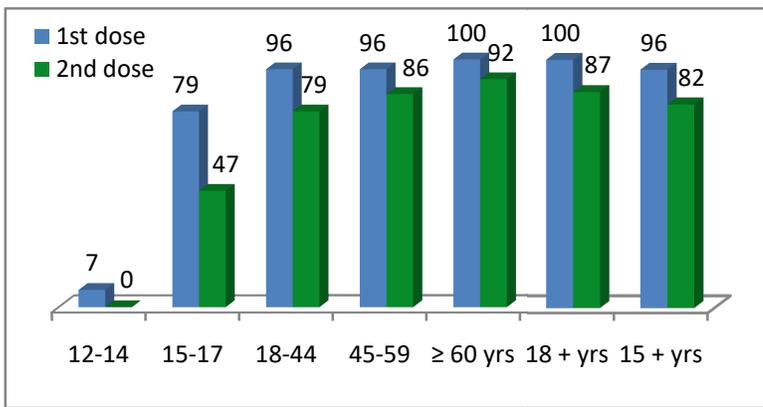
**OUR HEALTH OUR RESPONSIBILITY
VACCINE ADVISORY**

- 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

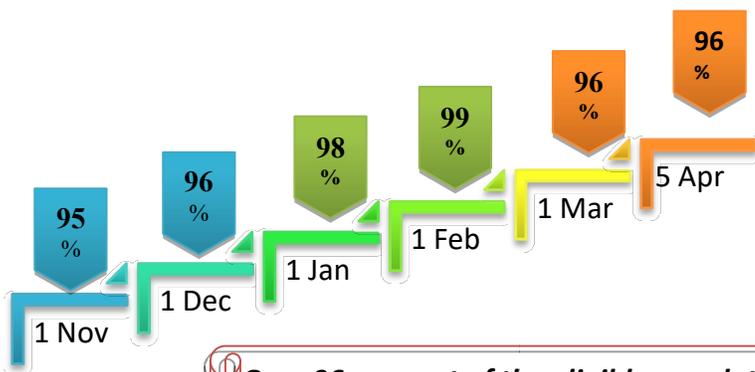
COVID-19 mass vaccinations are showing signs of preventing illness and steep decline in cases and hospital admissions in countries which done vaccination. Kerala started its vaccination for health care workers from January 16, 2021. The COVID-19 Vaccines Operational Guidelines issued by the Ministry 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 05-04-2022 midnight



- 96%** of eligible population vaccinated with a single dose till April 05
- 82%** of eligible population vaccinated with double dose till April 05
- State has vaccinated about **79%** of children aged 15 - 17 years with a single dose

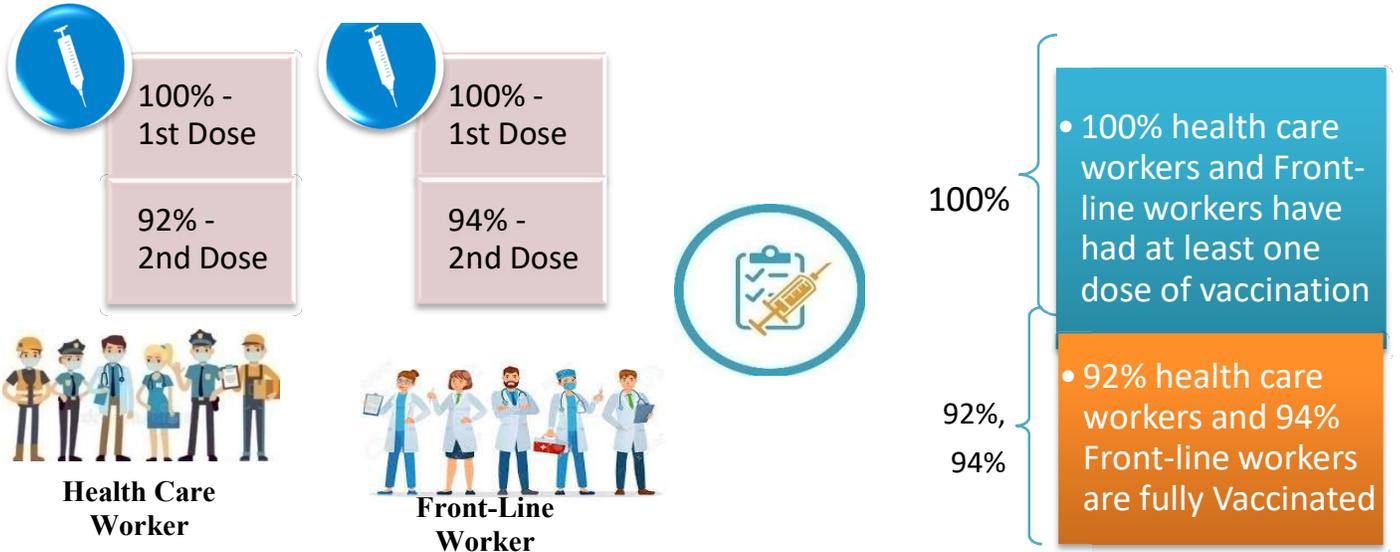
Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16th January, 2021. As of 05th April 2022, Kerala has administered over 53 million doses overall, including first and second doses of vaccines.

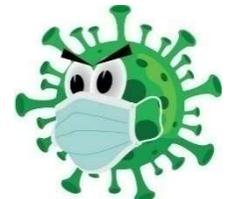
Over 96 per cent of the eligible population (15 + years) in Kerala has been administered the first dose of the Covid-19 vaccine. The state has achieved the target within 453 days since the beginning of the vaccination drive on January 16, 2021

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



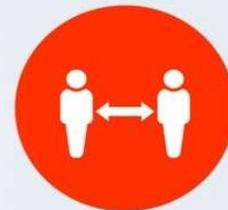
GET VACCINATED



WASH YOUR HANDS



WEAR A MASK



KEEP YOUR DISTANCE

The Race Towards Full Vaccination - Weekly Trend

26th March – 1st April, 2022

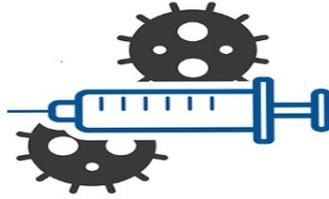
Kerala Administered over

.35 Lakh

COVID Vaccine Doses

in the last 7 days

(26th March – 1st April, 2022)



From 26th March to 1st April, 2022
on average

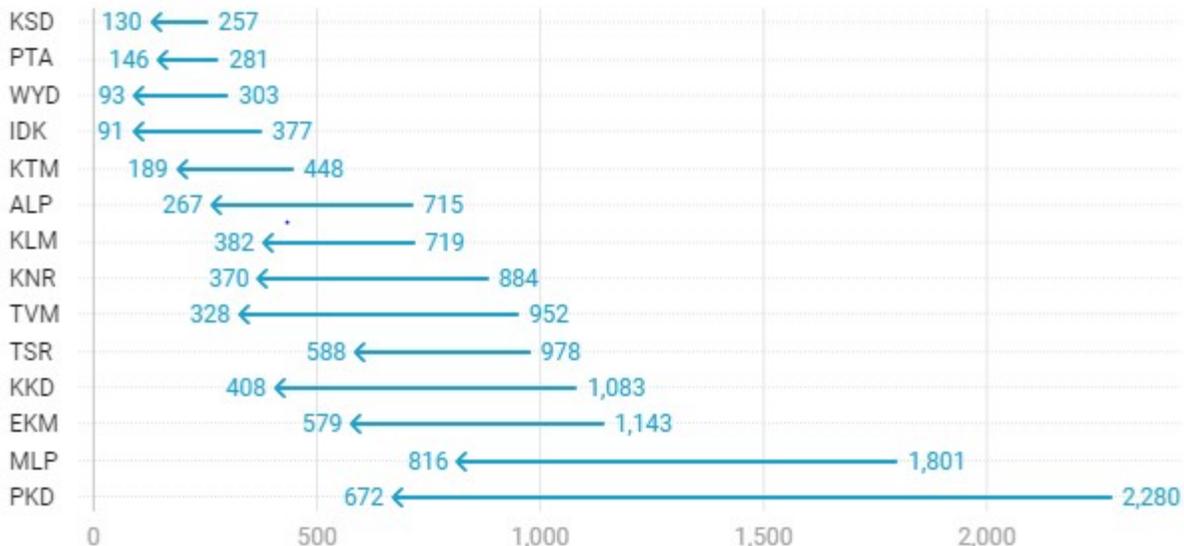
0.06 lakh

 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

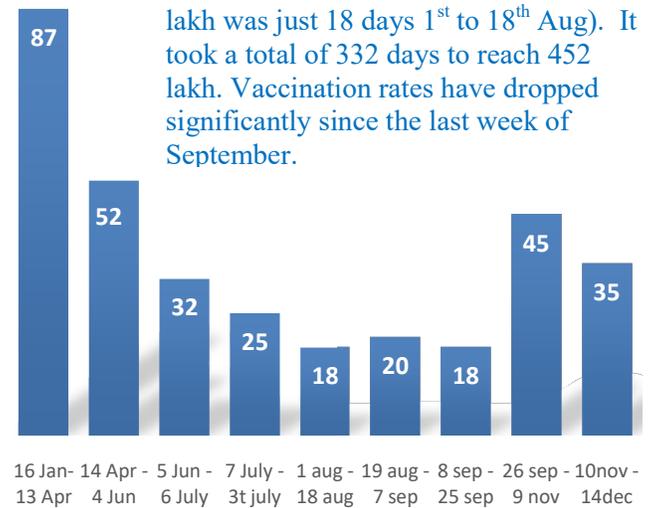
The chart shows the days taken for total COVID-19 Vaccination doses (both first and second) in Kerala to cross every 50 lakh dose mark

■ Q1 ■ Q2 ■ Q3

First Dose



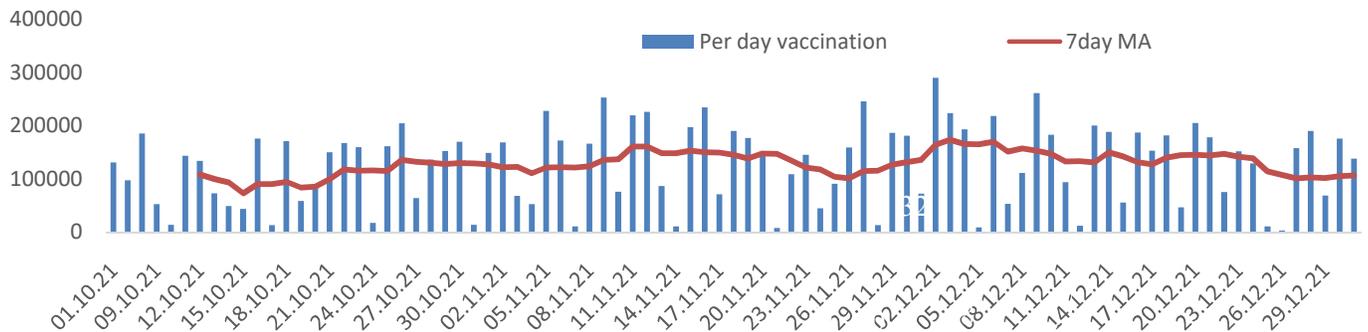
Second Dose



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 05/04/2022 midnight

State Summary (15+ years)-Total doses administered till 06/4/2022 at 12 AM								
District	Target	First Dose	Percent age	Second Dose	Percentage*	Precaution Dose	Percentage	Total doses administered
Alappuzha	1829568	1689305	92%	1557859	85%	106790	46%	3,353,954
Ernakulam	3217878	3220250	100%	2730420	85%	123755	40%	6,074,425
Idukki	950762	934980	98%	779556	82%	27030	30%	1,741,566
Kannur	2100307	2110071	100%	1848139	88%	95488	40%	4,053,698
Kasaragod	1092141	1019930	93%	848139	78%	37396	35%	1,905,465
Kollam	2268371	2165931	95%	1865602	82%	95594	42%	4,127,127
Kottayam	1704500	1623847	95%	1421411	83%	86497	44%	3,131,755
Kozhikode	2746273	2615123	95%	2159489	79%	83571	33%	4,858,183
Malappuram	3386535	3315977	98%	2582341	76%	69314	32%	5,967,632
Palakkad	2349082	2287293	97%	1945882	83%	92993	44%	4,326,168
Pathanamthitta	1118564	1131227	101%	955115	85%	91191	46%	2,177,533
Thiruvananthapuram	2914006	2807023	96%	2417622	83%	146702	42%	5,371,347
Thrissur	2767777	2569376	93%	2355500	85%	134236	51%	5,059,112
Wayanad	716933	727409	101%	626437	87%	30913	34%	1,384,759
Grand Total	29,162,697	28,217,742	96%	24,093,512	82%	1,221,470	41%	53,532,724

TABLE2.Covid-19 Vaccination Center Functional in the State as on 05/04/2022 midnight

DISTRICTS	12+	15+	18+	Total
Alappuzha	84	0	3	87
Ernakulam	8	4	26	38
Idukki	20	7	13	40
Kannur	7	7	26	40
Kasaragod	0	0	4	4
Kollam	6	18	39	63
Kottayam	20	0	42	62
Kozhikode	1	85	17	103
Malappuram	15	14	37	66
Palakkad	36	16	27	79
Pathanamthitta	21	30	34	85
Thiruvananthapuram	0	3	118	121
Thrissur	7	2	99	108
Wayanad	15	7	7	29
GrandTotal	240	193	492	925

TABLE3. Health Care Workers Coverage as on 05/04/2022 midnight

DISTRICT	1st DOSE	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose (%) *
Alappuzha	29022	27211	94%	12424	53%
Ernakulam	85565	75738	89%	29233	44%
Idukki	13554	12995	96%	5359	48%
Kannur	40388	37504	93%	17081	51%
Kasaragod	11610	10806	93%	4492	49%
Kollam	36035	33785	94%	13795	50%
Kottayam	38706	36274	94%	15555	50%
Kozhikode	52734	47916	91%	16577	41%
Malappuram	44832	41963	94%	16093	48%
Palakkad	34674	31992	92%	14570	53%
Pathanamthitta	29336	25059	85%	10756	49%
Thiruvananthapuram	73421	66325	90%	24627	45%
Thrissur	51909	49162	95%	24824	58%
Wayanad	13978	13279	95%	6088	51%
Grand Total	555764	510009	92%	211474	49%

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 05/04/2022 midnight

DISTRICT	1st dose	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose(%) *
Alappuzha	39127	36728	94%	11892	38%
Ernakulam	54934	50307	92%	16666	40%
Idukki	22993	21320	93%	4794	29%
Kannur	41381	39945	97%	10977	32%
Kasaragod	24615	22454	91%	5752	31%
Kollam	42235	38792	92%	9078	31%
Kottayam	32139	30587	95%	9957	38%
Kozhikode	55272	52530	95%	7896	18%
Malappuram	53913	51237	95%	11410	27%
Palakkad	48096	45504	95%	14313	37%
Pathanamthitta	25249	22510	89%	6160	32%
Thiruvananthapuram	72995	67559	93%	18126	36%
Thrissur	41904	40721	97%	15901	47%
Wayanad	17021	16085	95%	3753	27%
Grand Total	571874	536279	94%	146675	33%

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 05/04/2022 midnight

Table 5: Age appropriate group (45-59 years) coverage					
45-59 years Coverage as on 06/04/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	535436	438743	82%	414293	77%
Ernakulam	809349	783321	97%	700352	87%
Idukki	237564	246904	104%	218541	92%
Kannur	527295	515622	98%	478216	91%
Kasaragod	253027	252105	100%	223409	88%
Kollam	541201	559798	103%	500312	92%
Kottayam	478470	413999	87%	373067	78%
Kozhikode	658949	654439	99%	579082	88%
Malappuram	733338	722574	99%	625104	85%
Palakkad	614226	546998	89%	497219	81%
Pathanamthitta	264372	281687	107%	251041	95%
Thiruvananthapuram	735836	681293	93%	611185	83%
Thrissur	689418	663719	96%	622669	90%
Wayanad	170537	177111	104%	164078	96%
Grand Total	7249018	6,938,313	96%	6,258,568	86%

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 05/04/2022midnight

Table 6: Age appropriate group (≥ 60 years) coverage							
≥ 60 years Coverage as on 06/04/2022 at 12 AM							
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	424565	428777	101%	399211	94%	82474	47%
Ernakulam	673885	675995	100%	619024	92%	77856	39%
Idukki	193981	194517	100%	172583	89%	16877	27%
Kannur	438602	444331	101%	411503	94%	67430	40%
Kasaragod	182460	181650	100%	160004	88%	27152	35%
Kollam	497558	499319	100%	453457	91%	72721	43%
Kottayam	418008	419479	100%	382840	92%	60985	44%
Kozhikode	526896	528924	100%	478618	91%	59098	35%
Malappuram	477642	487942	102%	433101	91%	41811	30%
Palakkad	437708	439647	100%	400497	91%	64110	44%
Pathanamthitta	311297	312053	100%	279938	90%	74275	48%
Thiruvananthapuram	630465	632730	100%	569384	90%	103949	43%
Thrissur	581781	587870	101%	556287	96%	93511	51%
Wayanad	128009	128280	100%	114193	89%	21072	32%
Grand Total	5922857	5,961,514	101%	5,430,640	92%	863,321	41%

TABLE 6. Age-Appropriate Group (18-44 Years) Coverage as on 05/04/2022 midnight

18-44 years Coverage as on 06/04/2022 at 12 AM					
District	Target	First Dose		2nd Dose Coverage	Percentage fully vaccinated*
		1st Dose Coverage	Percentage		
Alappuzha	744178	668730	90%	623488	84%
Ernakulam	1470864	1507691	103%	1212817	82%
Idukki	437537	418795	96%	329557	75%
Kannur	947964	963392	102%	815515	86%
Kasaragod	556876	500333	90%	402734	72%
Kollam	1054752	931005	88%	778749	74%
Kottayam	665544	653988	98%	558462	84%
Kozhikode	1313678	1217920	93%	950388	72%
Malappuram	1777378	1826078	103%	1360821	77%
Palakkad	1088327	1084434	100%	897250	82%
Pathanamthitta	460819	442420	96%	349619	76%
Thiruvananthapuram	1309099	1245698	95%	1046444	80%
Thrissur	1274465	1096326	86%	1004857	79%
Wayanad	361152	354078	98%	298923	83%
Grand Total	13462633	12,910,888	96%	10,629,624	79%

*Among those who have taken first dose

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 05/04/2022 midnight

15-17 years Coverage as on 06/04/2022 at 12 AM					
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	75777	94%	56928	70%
Ernakulam	172307	110231	64%	72182	42%
Idukki	51339	35122	68%	24560	48%
Kannur	97722	98634	101%	65456	67%
Kasaragod	60496	48353	80%	28732	47%
Kollam	105234	93947	89%	60507	57%
Kottayam	85400	63463	74%	40181	47%
Kozhikode	143028	105181	74%	50955	36%
Malappuram	241212	176398	73%	70115	29%
Palakkad	132742	112896	85%	73420	55%
Pathanamthitta	48854	38507	79%	26948	55%
Thiruvananthapuram	145238	98097	68%	56725	39%
Thrissur	123540	119825	97%	81804	66%
Wayanad	29245	34192	117%	19879	68%
Grand Total	1,517,189	1,210,623	79%	728,392	47%

Table 8: Age appropriate group (12-14 years) Coverage as on 05/04/2022midnight

12-14 years Coverage as on 06/4/2022 at 12 AM				
District	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	9129	21%	0	0%
Ernakulam	2513	3%	0	0%
Idukki	3095	10%	0	0%
Kannur	6323	7%	0	0%
Kasaragod	1264	3%	0	0%
Kollam	3592	5%	0	0%
Kottayam	2073	4%	0	0%
Kozhikode	653	1%	0	0%
Malappuram	4240	3%	0	0%
Palakkad	20548	27%	0	0%
Pathanamthitta	1975	6%	0	0%
Thiruvananthapuram	2789	3%	0	0%
Thrissur	7823	8%	0	0%
Wayanad	2749	10%	0	0%
Grand Total	68,766	7%	0	0%

TABLE9.State Summary (18+) as on 05/04/2022 midnight

State Summary (18+) 06-04-2022 at 12 AM							
District	Target	First Dose	Percentage	Second Dose	Percentage*	Precaution Dose	Percentage
Alappuzha	1704179	1604399	94%	1500931	88%	106790	46%
Ernakulam	2954098	3107506	105%	2658238	90%	123755	40%
Idukki	869082	896763	103%	754996	87%	27030	30%
Kannur	1913861	2005114	105%	1782683	93%	95488	40%
Kasaragod	992363	970313	98%	819407	83%	37396	35%
Kollam	2093511	2068392	99%	1805095	86%	95594	42%
Kottayam	1562022	1558311	100%	1381230	88%	86497	44%
Kozhikode	2499523	2509289	100%	2108534	84%	83571	33%
Malappuram	2988358	3135339	105%	2512226	84%	69314	32%
Palakkad	2140261	2153849	101%	1872462	87%	92993	44%
Pathanamthitta	1036488	1090745	105%	928167	90%	91191	46%
Thiruvananthapuram	2675400	2706137	101%	2360897	88%	146702	42%
Thrissur	2545664	2441728	96%	2273696	89%	134236	51%
Wayanad	659698	690468	105%	606558	92%	30913	34%
Grand Total	2,66,34,508	26,938,353	101%	23,365,120	87%	1,221,470	41%

*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 05/04/2022 midnight

Daily achievement 06-04-2022				
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	2506	52	126	2684
Ernakulam	911	540	1461	2912
Idukki	1405	165	392	1962
Kannur	882	371	524	1777
Kasaragod	0	0	0	0
Kollam	457	943	2244	3644
Kottayam	1076	338	1233	2647
Kozhikode	121	422	346	889
Malappuram	698	750	769	2217
Palakkad	3891	990	1573	6454
Pathanamthitta	174	137	765	1076
Thiruvananthapuram	233	2152	10030	12415
Thrissur	459	1688	2377	4524
Wayanad	70	61	47	178
Grand Total	12883	8609	21887	43379

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

TABLE11.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/

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