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

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*KeralaHEALTH-COVID-19 DAILY VACCINATION BULLETIN*Date: 11/04/2022

OUR HEALTH OUR RESPONSIBILTY VACCINE ADVISORY

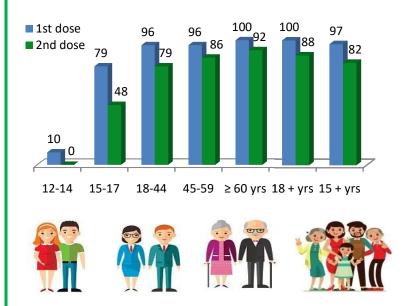
- People who are vaccinated with Covid Vaccine are reported to have reduced Covid related ICU admissions, serious disease and death.
- · Early vaccination is useful to safeguard our life from this deadly disease.
- · Vaccination sessions are planned as per the availability of vaccine. All are requested to cooperate.
- After receiving the first dose, second dose of Covishield vaccine is 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 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 11-04-2022 midnight



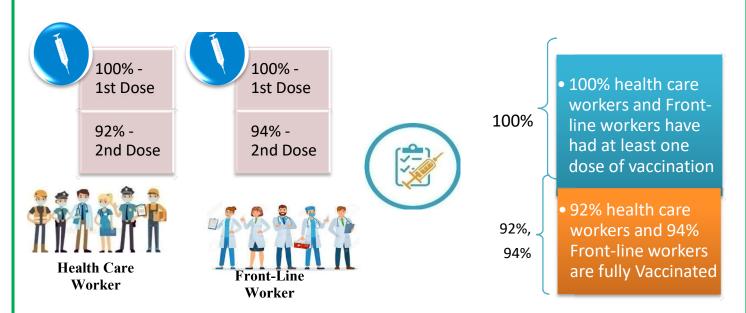
97% of eligible population vaccinated with a single dose till April 11
82% of eligible population vaccinated with double dose till April 11
State has vaccinated about 79% of children aged 15 - 17 years with a single dose



Kerala began administration of COVID 19 Vaccines on 16th January, 2021. As of 11th April 2022, Kerala has administered over 53 million doses overall, including first and second doses of vaccines.

Over 97 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 459 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



The Race Towards Full Vaccination - Weekly Trend $2^{nd} - 8^{th}$ April 2022

Kerala Administered over

0.75 Lakh

COVID Vaccine Doses

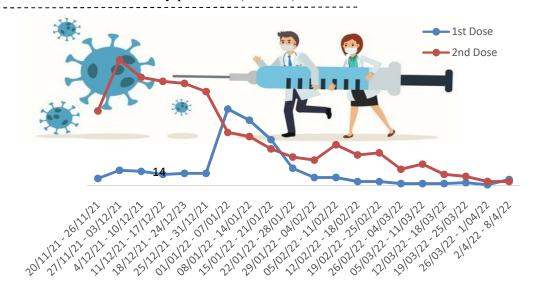
in the last 7 days

(2nd – 8^{th t} April, 2022

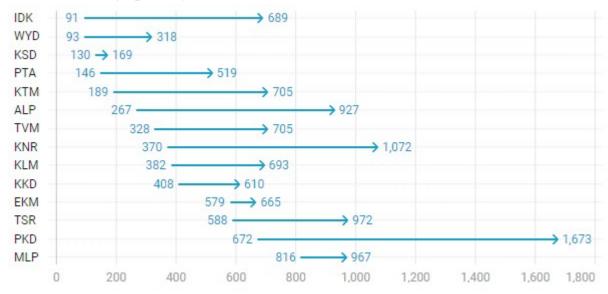
From 2nd- 8th April. 2022 on average

0.11 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 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

Q1 lst -42201 nd -5324

Q2

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

• 1st - 150575

• 2nd - 83578

Q4

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.

Dose Progression

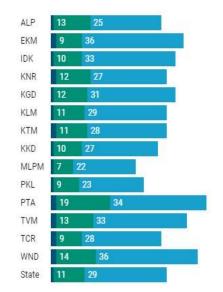
87

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





Second Dose



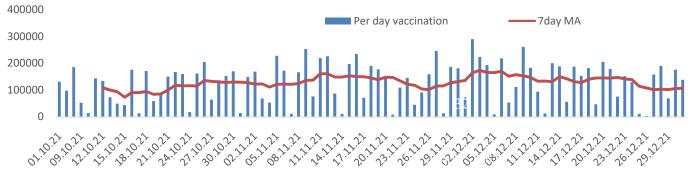
It took 87 days to administer the first 50 lakh doses. The shortest time taken to 50 lakh was just 18 days 1st to 18th Aug). It took a total of 332 days to reach 452 lakh. Vaccination rates have dropped significantly since the last week of September.



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

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
- 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 11/04/2022 midnight

Sta	State Summary (15+ years)-Total doses administered till 12/4/2022 at 12 AM							
District	Target	First Dose	Percent age	Second Dose	Percen tage*	Precaution Dose	Perce ntage	Total doses administered
Alappuzha	1829568	1691886	93%	1560585	85%	115897	37%	3,368,368
Ernakulam	3217878	3222007	100%	2732003	85%	127652	29%	6,081,662
Idukki	950762	937360	99%	780269	82%	28280	23%	1,745,909
Kannur	2100307	2114230	101%	1850177	88%	100233	28%	4,064,640
Kasaragod	1092141	1020590	93%	849322	78%	38451	24%	1,908,363
Kollam	2268371	2169148	96%	1867761	82%	100327	28%	4,137,236
Kottayam	1704500	1626520	96%	1423309	84%	92082	35%	3,141,911
Kozhikode	2746273	2616772	95%	2163208	79%	88793	24%	4,868,773
Malappuram	3386535	3318367	98%	2585793	76%	72509	23%	5,976,669
Palakkad	2349082	2290553	98%	1949081	83%	97713	33%	4,337,347
Pathanamthitta	1118564	1134274	101%	956483	86%	96147	37%	2,186,904
Thiruvananthapuram	2914006	2811418	96%	2419657	83%	149031	29%	5,380,106
Thrissur	2767777	2577238	93%	2357496	85%	139114	38%	5,073,848
Wayanad	716933	729074	102%	627085	87%	31651	23%	1,387,810
Grand Total	29,162,697	28,259,437	97%	24,122,229	82%	1,277,880	30%	53,659,546

TABLE2.Covid-19 Vaccination Center Functional in the State as on 11/04/2022 midnight

DISTRICTS	12+	15+	18+	Total
Alappuzha	7	0	89	96
Ernakulam	3	4	22	29
Idukki	9	3	14	26
Kannur	13	5	18	36
Kasaragod	0	28	48	76
Kollam	7	16	31	54
Kottayam	27	9	63	99
Kozhikode	3	4	90	97
Malappuram	9	19	53	81
Palakkad	11	11	35	57
Pathanamthitta	5	9	24	38
Thiruvananthapuram	0	5	19	24
Thrissur	29	47	64	140
Wayanad	14	5	8	27
GrandTotal	137	165	578	880

TABLE3. Health Care Workers Coverage as on 11/04/2022 midnight

DISTRICT	1st DOSE	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose (%) *
Alappuzha	29022	27213	94%	12569	53%
Ernakulam	85565	75742	89%	29421	44%
Idukki	13554	12997	96%	5379	48%
Kannur	40388	37506	93%	17208	51%
Kasaragod	11610	10806	93%	4523	49%
Kollam	36036	33788	94%	13957	49%
Kottayam	38706	36279	94%	15778	50%
Kozhikode	52734	47921	91%	16767	41%
Malappuram	44832	41968	94%	16272	48%
Palakkad	34674	31995	92%	14720	53%
Pathanamthitta	29336	25065	85%	10875	49%
Thiruvananthapuram	73422	66330	90%	24861	45%
Thrissur	51909	49162	95%	24932	58%
Wayanad	13978	13281	95%	6117	51%
Grand Total	555766	510053	92%	213379	49%

¹st Dose coverage for HCW is 100%

TABLE4.Frontline workers Coverage as on 11/04/2022 midnight

DISTRICT	1st dose	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose(%) *
Alappuzha	39127	36729	94%	12016	38%
Ernakulam	54934	50313	92%	16721	39%
Idukki	22993	21321	93%	4835	29%
Kannur	41381	39947	97%	11083	32%
Kasaragod	24615	22456	91%	5785	30%
Kollam	42235	38794	92%	9170	30%
Kottayam	32139	30590	95%	10070	38%
Kozhikode	55272	52531	95%	8037	18%
Malappuram	53913	51238	95%	11519	27%
Palakkad	48096	45506	95%	14411	37%
Pathanamthitta	25249	22512	89%	6222	32%
Thiruvananthapuram	72995	67563	93%	18259	35%
Thrissur	41904	40721	97%	15979	46%
Wayanad	17021	16085	95%	3767	27%
Grand Total	571874	536306	94%	147874	33%

^{*}Proportion of beneficiaries who are eligible (completed 9 months after 2nd dose)

TABLE5.Age-Appropriate Group (45-59 Years) Coverage as on 11/04/2022 midnight

	Table 5: Age appropriate group (45-59 years) coverage						
45-5	9 years Co	verage as on	12/04/2022	at 12 AM			
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	535436	438761	82%	414652	77%	42	0.07%
Ernakulam	809349	783347	97%	700503	87%	287	0.32%
Idukki	237564	246911	104%	218641	92%	11	0.04%
Kannur	527295	515637	98%	478430	91%	47	0.06%
Kasaragod	253027	252124	100%	223459	88%	0	0.00%
Kollam	541201	559825	103%	500534	92%	72	0.08%
Kottayam	478470	414021	87%	373323	78%	56	0.13%
Kozhikode	658949	654493	99%	579418	88%	76	0.09%
Malappuram	733338	722604	99%	625417	85%	19	0.03%
Palakkad	614226	547017	89%	497509	81%	105	0.17%
Pathanamthitta	264372	281695	107%	251142	95%	48	0.10%
Thiruvananthapuram	735836	681327	93%	611254	83%	248	0.20%
Thrissur	689418	663736	96%	622858	90%	163	0.25%
Wayanad	170537	177113	104%	164106	96%	2	0.01%
Grand Total	7249018	6,938,611	96%	6,261,246	86%	1176	0.13%

 $TABLE 6. Age-Appropriate\ Group\ ({\color{red} \geq} \textbf{60}\ Years)\ Coverage\ as\ on\ \textbf{11/04/2022} midnight$

	Table 6: Age appropriate group (≥ 60 years) coverage						
≥ 60 years Coverage as on 12/04/2022 at 12 AM							
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	424565	428802	101%	399498	94%	91263	49%
Ernakulam	673885	676016	100%	619129	92%	81142	35%
Idukki	193981	194521	100%	172644	89%	18052	27%
Kannur	438602	444351	101%	411617	94%	71885	39%
Kasaragod	182460	181660	100%	160043	88%	28143	34%
Kollam	497558	499333	100%	453655	91%	77113	40%
Kottayam	418008	419509	100%	383038	92%	66171	43%
Kozhikode	526896	528950	100%	478793	91%	63895	34%
Malappuram	477642	487962	102%	433213	91%	44695	30%
Palakkad	437708	439660	100%	400646	92%	68471	43%
Pathanamthitta	311297	312067	100%	280049	90%	78997	48%
Thiruvananthapuram	630465	632745	100%	569444	90%	105638	39%
Thrissur	581781	587891	101%	556397	96%	98006	47%
Wayanad	128009	128280	100%	114225	89%	21765	32%
Grand Total	5922857	5,961,747	101%	5,432,391	92%	915,236	40%

TABLE6.Age-Appropriate Group (18-44Years) Coverage as on 11/04/2022 midnight

THEE CONTROL TO PROPERTY			rage as on 12				
District	Target			First	Dose		
District	Turget	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	744178	668854	90%	624894	84%	7	0.11%
Ernakulam	1470864	1507822	103%	1213750	83%	81	0.44%
Idukki	437537	418843	96%	329983	75%	3	0.14%
Kannur	947964	963560	102%	816878	86%	10	0.06%
Kasaragod	556876	500448	90%	403532	72%	0	0.00%
Kollam	1054752	931121	88%	779906	74%	15	0.11%
Kottayam	665544	654136	98%	559515	84%	7	0.06%
Kozhikode	1313678	1218333	93%	952671	73%	18	0.15%
Malappuram	1777378	1826369	103%	1363091	77%	4	0.02%
Palakkad	1088327	1084616	100%	899137	83%	6	0.08%
Pathanamthitta	460819	442502	96%	350422	76%	5	0.07%
Thiruvananthapuram	1309099	1245886	95%	1047045	80%	25	0.16%
Thrissur	1274465	1096402	86%	1005992	79%	34	0.26%
Wayanad	361152	354108	98%	299248	83%	0	0.00%
Grand Total	13462633	12,913,000	96%	10,646,064	79%	215	0.14%
*Among those who h	ave taken fi	rst dose					

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 11/04/2022midnight

15	5-17 years C	overage as on	12/04/2022	at 12 AM	
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	76024	94%	57599	71%
Ernakulam	172307	110314	64%	72566	42%
Idukki	51339	35238	69%	24683	48%
Kannur	97722	98720	101%	65799	67%
Kasaragod	60496	48404	80%	29026	48%
Kollam	105234	94099	89%	61084	58%
Kottayam	85400	63598	74%	40564	47%
Kozhikode	143028	105449	74%	51874	36%
Malappuram	241212	176574	73%	70866	29%
Palakkad	132742	113132	85%	74288	56%
Pathanamthitta	48854	38599	79%	27293	56%
Thiruvananthapuram	145238	98508	68%	58021	40%
Thrissur	123540	119990	97%	82366	67%
Wayanad	29245	34316	117%	20140	69%
Grand Total	1,517,189	1,212,965	79%	736,169	48%

Table 8: Age appropriate group (12-14 years) Coverage as on 11/04/2022midnight

1	2-14 years Co		12/4/2022	at 12 AM
District	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	11296	26%	0	0%
Ernakulam	4009	4%	0	0%
Idukki	5300	18%	0	0%
Kannur	10193	11%	0	0%
Kasaragod	1729	4%	0	0%
Kollam	6499	9%	0	0%
Kottayam	4411	8%	0	0%
Kozhikode	1541	1%	0	0%
Malappuram	6113	4%	0	0%
Palakkad	23358	31%	0	0%
Pathanamthitta	4826	15%	0	0%
Thiruvananthapuram	6535	7%	0	0%
Thrissur	15406	15%	0	0%
Wayanad	4258	15%	0	0%
Grand Total	105,474	10%	0	0%

TABLE9.State Summary (18+) as on **11/04/2022** *midnight*

State Sui	nmary (18+)	12-04-2022	J		at 12 AM		
District	Target	First Dose	Percenta ge	Second Dose	Percentag e*	Precaution Dose	Percentage
Alappuzha	1704179	1604566	94%	1502986	88%	115897	37%
Ernakulam	2954098	3107684	105%	2659437	90%	127652	29%
Idukki	869082	896822	103%	755586	87%	28280	23%
Kannur	1913861	2005317	105%	1784378	93%	100233	28%
Kasaragod	992363	970457	98%	820296	83%	38451	24%
Kollam	2093511	2068550	99%	1806677	86%	100327	28%
Kottayam	1562022	1558511	100%	1382745	89%	92082	35%
Kozhikode	2499523	2509782	100%	2111334	84%	88793	24%
Malappuram	2988358	3135680	105%	2514927	84%	72509	23%
Palakkad	2140261	2154063	101%	1874793	88%	97713	33%
Pathanamthitta	1036488	1090849	105%	929190	90%	96147	37%
Thiruvananthapuram	2675400	2706375	101%	2361636	88%	149031	29%
Thrissur	2545664	2441842	96%	2275130	89%	139114	38%
Wayanad	659698	690500	105%	606945	92%	31651	23%
Grand Total	2,66,34,508	26,940,998	101%	23,386,060	88%	1277880	30%

*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 11/04/2022 midnight

Daily a	chievement	12-04-2022		
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	134	1038	4827	5999
Ernakulam	90	231	618	939
Idukki	384	207	286	877
Kannur	880	652	1204	2736
Kasaragod	221	867	804	1892
Kollam	433	886	2213	3532
Kottayam	568	645	2619	3832
Kozhikode	395	1232	2205	3832
Malappuram	629	1451	1155	3235
Palakkad	730	1227	1689	3646
Pathanamthitta	407	495	1726	2628
Thiruvananthapuram	38	160	585	783
Thrissur	997	1641	3908	6546
Wayanad	479	233	216	928
Grand Total	6385	10965	24055	41405

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

TABLE11.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	