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

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Kerala HEALTH-COVID-19 DAILY VACCINATION BULLETIN Date: 20/05/2022

OUR HEALTH OUR RESPONSIBILTY VACCINE ADVISORY

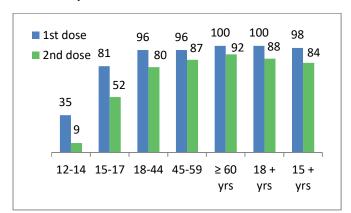
- People who are vaccinated with Covid Vaccine are reported to have reduced Covid related ICU admissions, serious disease and death.
- · Early vaccination is useful to safeguard our life from this deadly disease.
- · Vaccination sessions are planned as per the availability of vaccine. All are requested 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 20-05-2022 midnight



1 Dec







98% of eligible population vaccinated with a single dose till May 20

84% of eligible population vaccinated with double dose till May 20

State has vaccinated about **81%** of children aged 15 - 17 years with a single dose

98%

84%



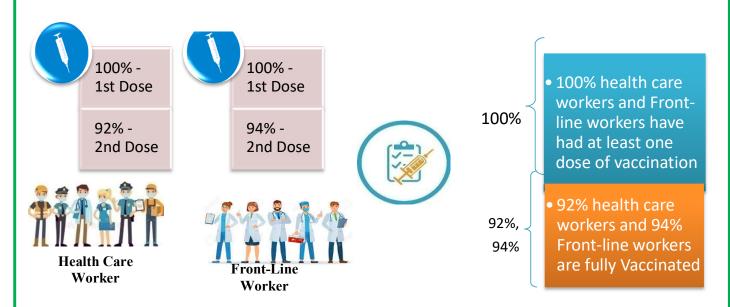
Time Line of Vaccination Coverage



Kerala began administration of COVID 19 Vaccines on 16th January, 2021. As of 20th May 2022, Kerala has administered over 54 million doses overall, including first and second doses of vaccines.

Over 98 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 496 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 $7^{th} - 13^{th}$ May 2022

Kerala Administered over

1.13 Lakh

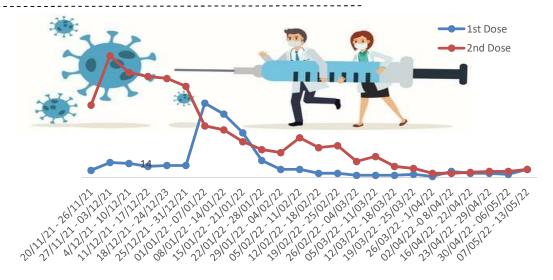
COVID Vaccine Doses



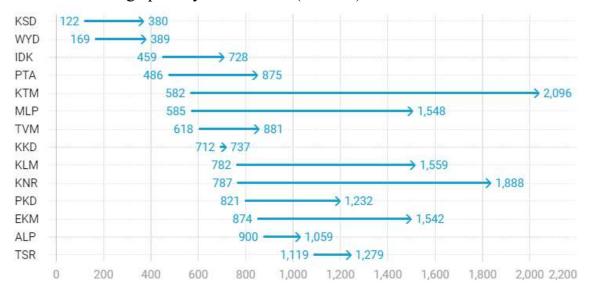
From $7^{th} - 13^{th}$ Ma y 2022 on average

0.16 lakh doses were administered daily.

Average Doses Administered Per day per week (in 1000)



Trend in average per day vaccination (in 1000) for the last two weeks



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Race Against Time – Vaccination Quarterly Status

(O1:16th Jan-Mar, O2: Apr-June, O3: July-Sep, O4: 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.

 $O1:16^{th}$ Jan – Mar

Q2 : Apr - June

Q3: July – Sep

Q4: Oct - Dec

lst -**42201** 2nd -**5324**

1st - 84369 2nd -31373 • 1st - 150575

2nd - 83578

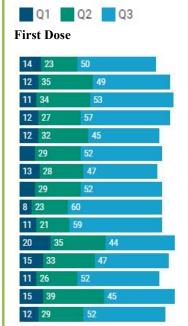
1st - 16724 2nd - 83578

Vaccination Achievement per Quarter

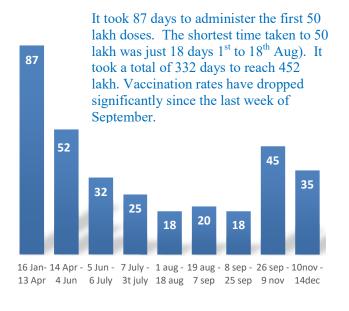
In the third quarter of the immunization drive, 52% of the eligible population (18 + age) in Kerala were given the first dose and 29% the second dose.

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

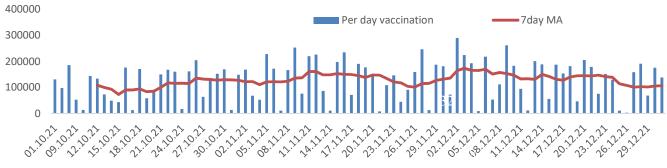






Vaccine Administered per Day and 7 days Moving Average in Last Quarter (Oct -Dec)

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 20/05/2022 midnight

State Summary (15+ years)-Total doses administered till 21/05/2022 at 12 AM

District	Target	First Dose	Percent age	Second Dose	Percen tage*	Precaution Dose	Perce ntage	Total doses administered
Alappuzha	1829568	1718163	94%	1586258	87%	147532	32%	34,51,953
Ernakulam	3217878	3251975	101%	2756186	86%	185758	24%	61,93,919
Idukki	950762	949961	100%	790793	83%	36868	16%	17,77,622
Kannur	2100307	2138772	102%	1876487	89%	127383	25%	41,42,642
Kasaragod	1092141	1032902	95%	858481	79%	44032	15%	19,35,415
Kollam	2268371	2196718	97%	1891378	83%	131289	25%	42,19,385
Kottayam	1704500	1653973	97%	1441582	85%	120759	28%	32,16,314
Kozhikode	2746273	2630362	96%	2181429	79%	115044	19%	49,26,835
Malappuram	3386535	3338282	98%	2613241	77%	93893	16%	60,45,416
Palakkad	2349082	2309279	98%	1984725	85%	128402	30%	44,22,406
Pathanamthitta	1118564	1147833	103%	970663	87%	121190	31%	22,39,686
Thiruvananthapuram	2914006	2842834	98%	2453488	84%	205237	27%	55,01,559
Thrissur	2767777	2610081	94%	2395613	87%	197920	31%	52,03,614
Wayanad	716933	739554	103%	635357	89%	35718	17%	14,10,629
Grand Total	29,162,697	2,85,60,689	98%	2,44,35,681	84%	16,91,025	25%	5,46,87,395

TABLE2.Covid-19 Vaccination Center Functional in the State as on 20/05/2022 midnight

DISTRICTS	12+	15+	18+	Total
Alappuzha	84	0	5	89
Ernakulam	56	9	49	114
Idukki	13	10	13	36
Kannur	18	5	28	51
Kasaragod	24	24	4	52
Kollam	7	9	11	27
Kottayam	14	8	24	46
Kozhikode	16	4	29	49
Malappuram	38	18	34	90
Palakkad	13	17	24	54
Pathanamthitta	14	15	21	50
Thiruvananthapuram	2	2	16	20
Thrissur	26	27	21	74
Wayanad	18	18	2	38
GrandTotal	343	166	281	790

TABLE3. Health Care Workers Coverage as on 20/05/2022 midnight

DISTRICT	1st DOSE	2nd Dose	% fully vaccinated	Precaution dose	Precaution dose (%) *
Alappuzha	29022	27223	94%	13338	53%
Ernakulam	85566	75787	89%	30990	45%
Idukki	13554	13002	96%	5685	47%
Kannur	40388	37533	93%	18038	52%
Kasaragod	11610	10812	93%	4766	48%
Kollam	36039	33813	94%	14779	49%
Kottayam	38706	36296	94%	16578	50%
Kozhikode	52734	47950	91%	17696	41%
Malappuram	44834	41985	94%	17309	47%
Palakkad	34674	32010	92%	15445	53%
Pathanamthitta	29337	25076	85%	11522	50%
Thiruvananthapuram	73427	66379	90%	26601	44%
Thrissur	51909	49183	95%	26070	58%
Wayanad	13978	13287	95%	6314	51%
Grand Total	555778	510336	92%	225131	48%

¹st Dose coverage for HCW is 100%

TABLE4.Frontline workers Coverage as on 20/05/2022 midnight

36743 50334 21337 39962 22470	94% 92% 93% 97%	12872 17781 5220	dose(%) * 38% 39% 28%
21337 39962 22470	93% 97%	5220	
39962 22470	97%		28%
22470		12127	
		12127	32%
20020	91%	6153	30%
38828	92%	10064	29%
30599	95%	10691	38%
52548	95%	9061	19%
51263	95%	12857	28%
45532	95%	15895	38%
22528	89%	6876	34%
67611	93%	20851	36%
40731	97%	17291	46%
16093	95%	3966	27%
			33%
	536579	536579 94%	

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

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

TABLE5.Age-Appropriate Group (45-59 Years) Coverage as on 20/05/2022 midnight

	Table 5: Age appropriate group (45-59 years) coverage						
45-59 years Coverage as on 21/05/2022 at 12 AM							
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	535436	438877	82%	415911	78%	1967	1%
Ernakulam	809349	783566	97%	702104	87%	8667	4%
Idukki	237564	246948	104%	219079	92%	378	0%
Kannur	527295	515817	98%	479838	91%	1943	1%
Kasaragod	253027	252200	100%	223849	88%	286	0%
Kollam	541201	559993	103%	502304	93%	2082	1%
Kottayam	478470	414115	87%	374387	78%	2650	2%
Kozhikode	658949	654941	99%	581017	88%	2206	1%
Malappuram	733338	722843	99%	627574	86%	1111	1%
Palakkad	614226	547157	89%	499382	81%	2497	2%
Pathanamthitta	264372	281793	107%	251660	95%	2136	2%
Thiruvananthapuram	735836	681589	93%	613298	83%	5856	2%
Thrissur	689418	663925	96%	624770	91%	7344	3%
Wayanad	170537	177124	104%	164251	96%	210	0%
Grand Total	7249018	69,40,888	96%	62,79,424	87%	39333	2%

TABLE6.Age-Appropriate Group (≥60 Years) Coverage as on 20/05/2022midnight

TABLEO.Age-Appro	Table 6: Age appropriate group (≥ 60 years) coverage							
	≥	60 years Co	verage as on	21/05/2022	at 12 AM			
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%	
Alappuzha	424565	428990	101%	400608	94%	118959	50%	
Ernakulam	673885	676193	100%	620253	92%	126650	35%	
Idukki	193981	194554	100%	172960	89%	25500	25%	
Kannur	438602	444451	101%	412403	94%	94853	41%	
Kasaragod	182460	181691	100%	160249	88%	32750	30%	
Kollam	497558	499466	100%	454871	91%	103942	42%	
Kottayam	418008	419624	100%	383889	92%	90495	42%	
Kozhikode	526896	529135	100%	479706	91%	85637	33%	
Malappuram	477642	488072	102%	434076	91%	62384	28%	
Palakkad	437708	439774	100%	401795	92%	94306	47%	
Pathanamthitta	311297	312198	100%	280579	90%	100055	49%	
Thiruvananthapuram	630465	632976	100%	571176	91%	151202	43%	
Thrissur	581781	588067	101%	557725	96%	146106	48%	
Wayanad	128009	128296	100%	114357	89%	25192	29%	
Grand Total	5922857	59,63,487	101%	54,44,647	92%	12,58,031	40%	

TABLE6.Age-Appropriate Group (18-44 Years) Coverage as on 20/05/2022 midnight

TABLEO.Age-Appropria			rage as on 21				
District	Target First Dose						
		1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated	Precaution dose	%
Alappuzha	744178	669496	90%	630817	85%	396	2%
Ernakulam	1470864	1509390	103%	1225190	83%	1670	3%
Idukki	437537	419247	96%	332996	76%	85	1%
Kannur	947964	964737	102%	827165	87%	422	1%
Kasaragod	556876	501118	90%	408094	73%	77	0%
Kollam	1054752	932152	88%	789713	75%	422	1%
Kottayam	665544	654981	98%	565419	85%	345	1%
Kozhikode	1313678	1220663	93%	963705	73%	444	1%
Malappuram	1777378	1828677	103%	1379333	78%	232	0%
Palakkad	1088327	1085861	100%	911581	84%	259	1%
Pathanamthitta	460819	443072	96%	355671	77%	601	3%
Thiruvananthapuram	1309099	1247968	95%	1060654	81%	727	1%
Thrissur	1274465	1097416	86%	1019811	80%	1109	3%
Wayanad	361152	354428	98%	301350	83%	36	0%
Grand Total	13462633	1,29,29,206	96%	1,07,71,499	80%	6825	1%
*Among those who h	ave taken fi	rst dose					

TABLE 7. Age-Appropriate Group (15-17 Years) Coverage as on 20/05/2022 midnight

15	5-17 years C	overage as on	21/05/2022	at 12 AM	
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	80832	77439	96%	60442	75%
Ernakulam	172307	112624	65%	77912	45%
Idukki	51339	36708	72%	26803	52%
Kannur	97722	99975	102%	70022	72%
Kasaragod	60496	49533	82%	31362	52%
Kollam	105234	96087	91%	66334	63%
Kottayam	85400	67345	79%	46451	54%
Kozhikode	143028	106985	75%	55305	39%
Malappuram	241212	177971	74%	75165	31%
Palakkad	132742	114842	87%	79660	60%
Pathanamthitta	48854	39779	81%	29820	61%
Thiruvananthapuram	145238	105304	73%	68120	47%
Thrissur	123540	122483	99%	89994	73%
Wayanad	29245	35700	122%	22792	78%
Grand Total	1,517,189	12,42,775	81%	8,00,182	52%

Table 8: Age appropriate group (12-14 years) Coverage as on 20/05/2022 midnight

1	2-14 years Co	verage as on	21/05/2022	at 12 AM	
District	Target	1st Dose Coverage	Percentage	2nd Dose Coverage	Percentage fully vaccinated
Alappuzha	43284	35211	81%	14514	34%
Ernakulam	90244	29702	33%	4606	5%
Idukki	29672	15955	54%	4616	16%
Kannur	89079	32022	36%	9564	11%
Kasaragod	39968	12135	30%	1645	4%
Kollam	69984	30746	44%	5515	8%
Kottayam	55571	27061	49%	4541	8%
Kozhikode	103644	10631	10%	1198	1%
Malappuram	159652	21971	14%	3845	2%
Palakkad	75249	38874	52%	14765	20%
Pathanamthitta	33203	16404	49%	5329	16%
Thiruvananthapuram	93804	28570	30%	6250	7%
Thrissur	99789	44373	44%	13399	13%
Wayanad	27857	13007	47%	3227	12%
Grand Total	10,11,000	3,56,662	35%	93,014	9%

TABLE9.State Summary (18+) as on 20/05/2022 midnight

State Sui	mmary (18+)	21-05-2022			at 12 AM		
District	Target	First Dose	Percenta ge	Second Dose	Percentag e*	Precaution Dose	Percentage
Alappuzha	1704179	1605513	94%	1511302	89%	147532	32%
Ernakulam	2954098	3109649	105%	2673668	91%	185758	24%
Idukki	869082	897298	103%	759374	87%	36868	16%
Kannur	1913861	2006775	105%	1796901	94%	127383	25%
Kasaragod	992363	971234	98%	825474	83%	44032	15%
Kollam	2093511	2069885	99%	1819529	87%	131289	25%
Kottayam	1562022	1559567	100%	1390590	89%	120759	28%
Kozhikode	2499523	2512746	101%	2124926	85%	115044	19%
Malappuram	2988358	3138340	105%	2534231	85%	93893	16%
Palakkad	2140261	2155563	101%	1890300	88%	128402	30%
Pathanamthitta	1036488	1091650	105%	935514	90%	121190	31%
Thiruvananthapuram	2675400	2708960	101%	2379118	89%	205237	27%
Thrissur	2545664	2443225	96%	2292220	90%	197920	31%
Wayanad	659698	690847	105%	609338	92%	35718	17%
Grand Total	2,66,34,508	2,69,61,252	101%	2,35,42,485	88%	1691025	25%

*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 20/05/2022 midnight

Daily ac	chievement	21-05-2022		
District	First Dose	Second Dose	Precaution dose	Total Doses Administered
Alappuzha	2732	1815	54	4601
Ernakulam	5385	2066	2118	9569
Idukki	1104	636	184	1924
Kannur	1208	947	674	2829
Kasaragod	1217	209	23	1449
Kollam	558	533	268	1359
Kottayam	672	632	616	1920
Kozhikode	675	464	379	1518
Malappuram	1640	1361	432	3433
Palakkad	970	1281	472	2723
Pathanamthitta	869	755	421	2045
Thiruvananthapuram	106	87	239	432
Thrissur	1374	1707	360	3441
Wayanad	1456	715	93	2264
Grand Total	19966	13208	6333	39507

^{**} 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