ISSUE NO.78 | 01 JANUARY 2022

COVID-19
WEEKLY BULLETIN

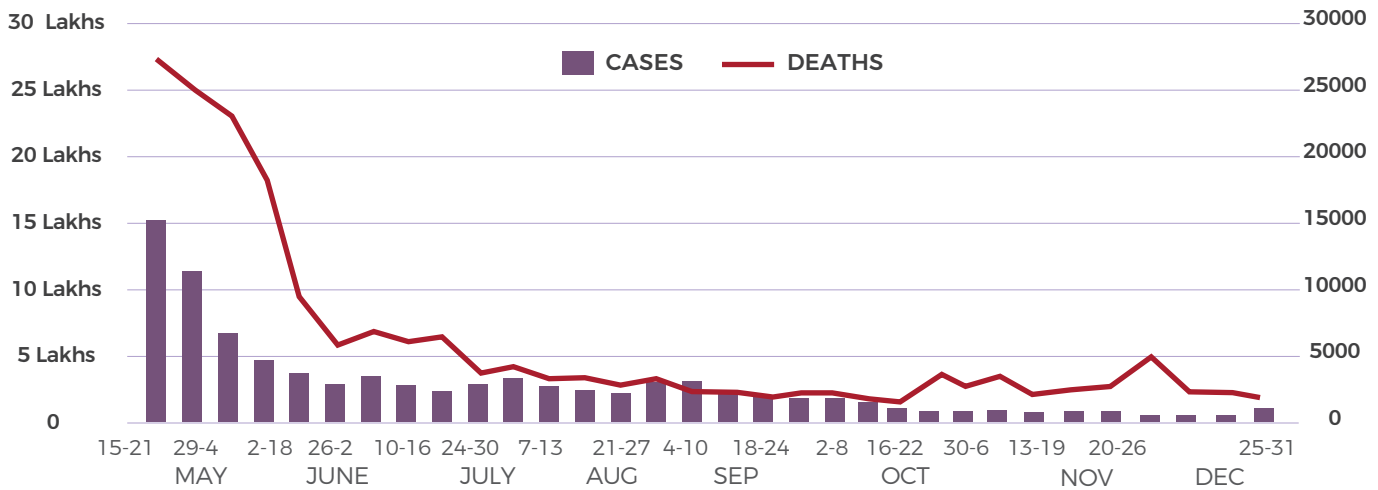
DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

Global Epidemiological Update

Global new cases have increased in the past week across all regions except the Eastern Mediterranean (WHO) due to the Omicron VOC. More than 5.4 million COVID-19 deaths have been reported till date.

National update

81764 cases and 1966 deaths were reported from the week with a weekly sample positivity rate of 0.89%.A 43% increase in new weekly cases was reported from the week.



WEEKLY SUMMARY

- 27 cases were reported from the week (all from Dimapur) with a weekly sample positivity rate of 2.7%. weekly sample positivity rate crossed 2% for the first time in the last 8 weeks.
- Dimapur reported a weekly sample positivity rate of more than 5% (5.8%). 41% of new positive cases were among travelers.
- Zunheboto, Longleng and Phek could not test any samples during the week.
- No deaths were reported from the week. 4 new admissions were reported from COVID-19 hospitals.
- More evidence from South Africa and UK suggests good protection against hospitalization and deaths by vaccination for the Omicron VOC. It is critical to get vaccinated before the third wave to avoid more deaths and hospitalisations

Global | National | State As on 01 Jan 2022

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 vaccine doses given
World	28,18,08,270	54,11,759	1.94%	8.68 billion
India	3,48,61,579	4,81,486	1.38%	1.45 billion
Nagaland	32,201	686	2.13%	13.33 lakhs

In the past week:

World: 53,71,651 cases and 37,015 deaths.

India: 81,764 cases and 1,966 deaths.

Nagaland: 27 cases and 0 deaths.

UPDATE ON OMICRON VOC

Omicron continues to increase across regions due to its growth advantage over other VOCs. Omicron VOC has been reported from 23 states and UTs in the country. Total cases increased fivefold from the past week.

1431 OMICRON CASES IN INDIA *as on 31 Dec 2021 (MoHFW)*

Maharashtra	454	Madhya Pradesh	9
Delhi	351	Uttar Pradesh	8
Tamil Nadu	118	Uttarakhand	4
Gujarat	115	Jammu and Kashmir	3
Kerala	109	Chandigarh	3
Rajasthan	69	A&N islands	2
Telangana	62	Ladakh	1
Haryana	37	Manipur	1
Karnataka	34	Himachal Pradesh	1
West Bengal	17	Goa	1
Andhra P	17	Punjab	1
Odisha	14		

41 samples from the state were sent for WGS (whole Genome sequencing) on 23rd Dec 2021 and no Omicron VOC was detected among the samples. Delta VOC is still the dominant VOC among the samples sequenced.

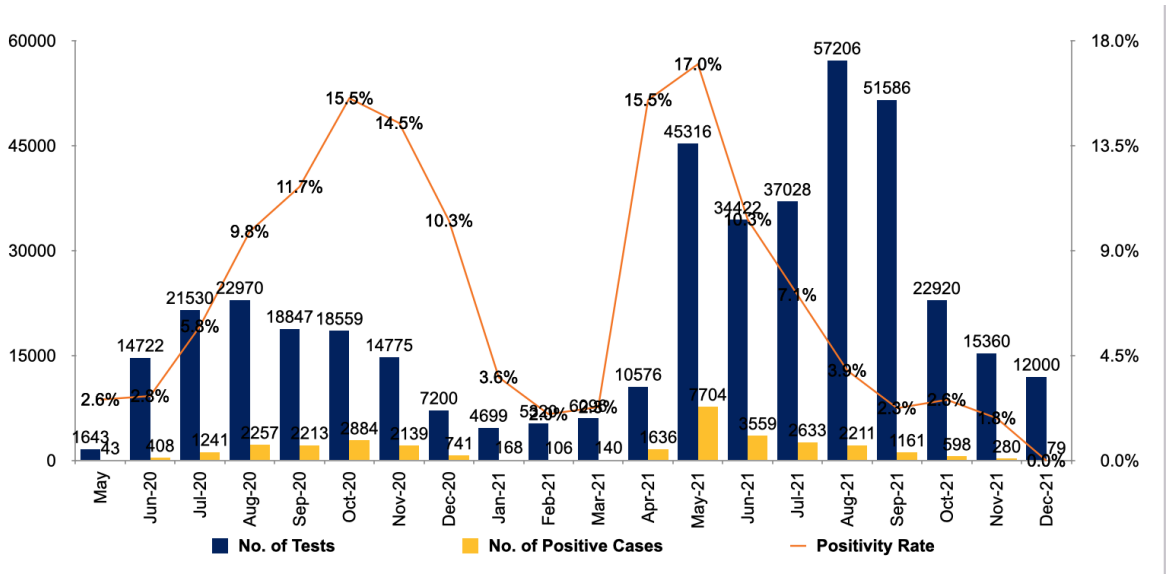
Study from South Africa shows SARS-CoV-2 spike T cell responses induced upon vaccination or infection remain robust against Omicron: MedRxiv

"Despite Omicron's extensive mutations and reduced susceptibility to neutralizing antibodies, the majority of T cell response, induced by vaccination or natural infection, cross-recognises the variant. Well-preserved T cell immunity to Omicron is likely to contribute to protection from severe COVID-19, supporting early clinical observations from South Africa."

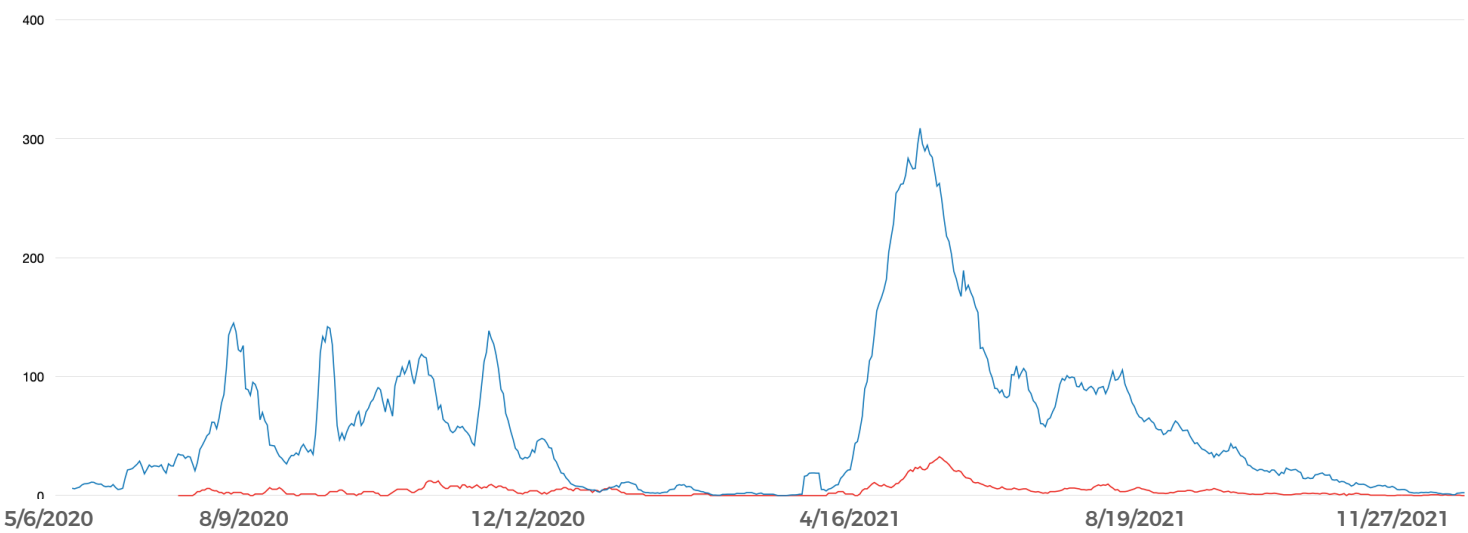
Protection against hospitalisation from vaccines is good against the Omicron variant - UK Health Security Agency

"One dose of any vaccine was associated with a 35% reduced risk of hospitalisation among symptomatic cases with the Omicron variant, 2 doses with a 67% reduction up to 24 weeks after the second dose and a 51% reduced risk 25 or more weeks after the second dose. A third dose was associated with a 68% (95% confidence interval 52 to 82%) reduced risk of hospitalisation when compared to similar unvaccinated individuals. When the reduced risk of hospitalisation was combined with vaccine effectiveness against symptomatic disease, the vaccine effectiveness against hospitalisation was estimated as 52% after one dose, 72% 2 to 24 weeks after dose 2, 52% 25+ weeks after dose 2 and 88% 2 weeks after a booster dose."

COVID -19 TESTS DONE, NUMBER OF POSITIVE CASES & POSITIVITY RATE NAGALAND MAY 2020 – DEC. 2021 (TOTAL TESTS DONE = 422772, POSITIVE CASES = 32201)



DAILY COVID-19 CASE INCREASE WITH 7 DAY MOVING AVERAGE



(SOURCE: UIP, DHFW)

COVID-19 VACCINATION

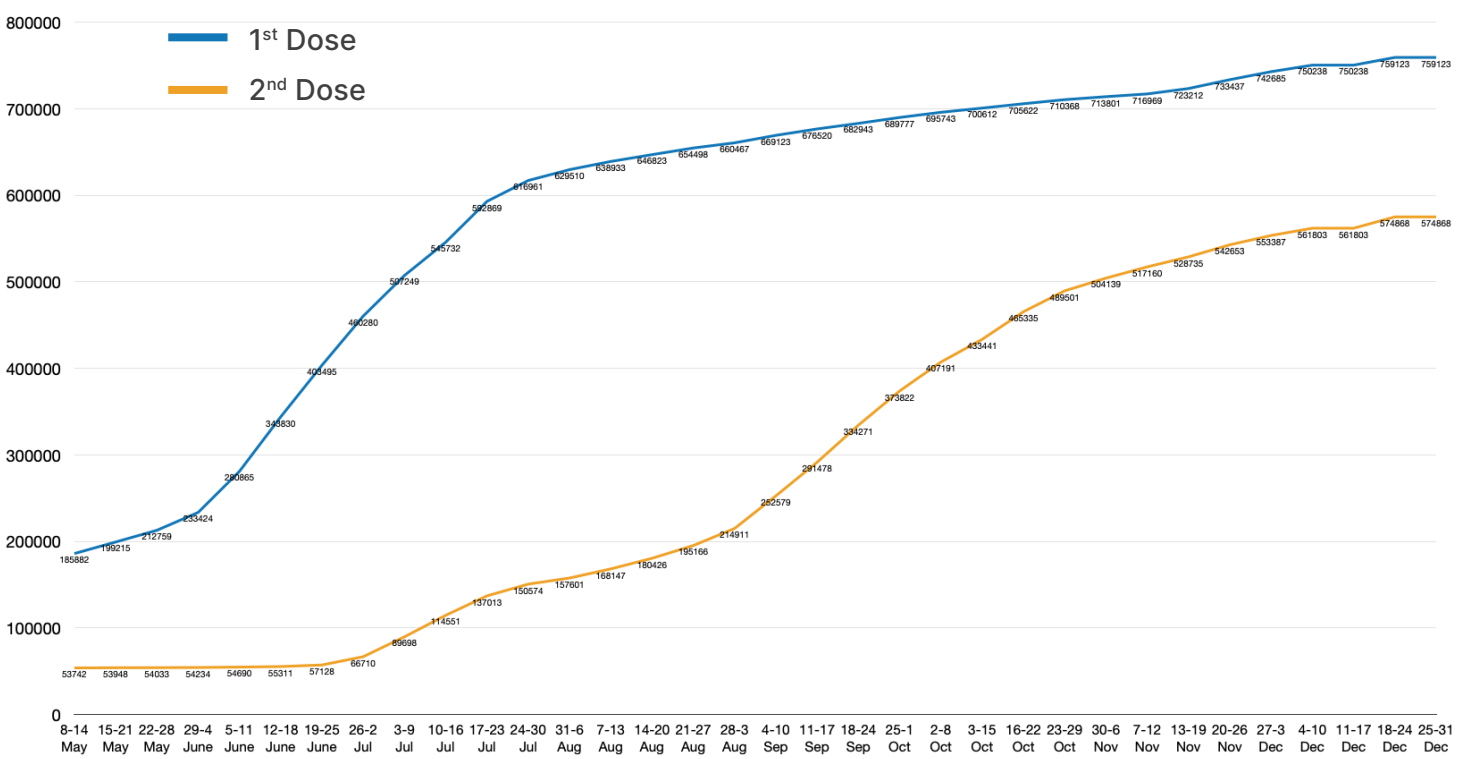
13.33 lakh doses administered across the state

NB: Target for vaccination has been changed from census to Electoral Roll (ECI)

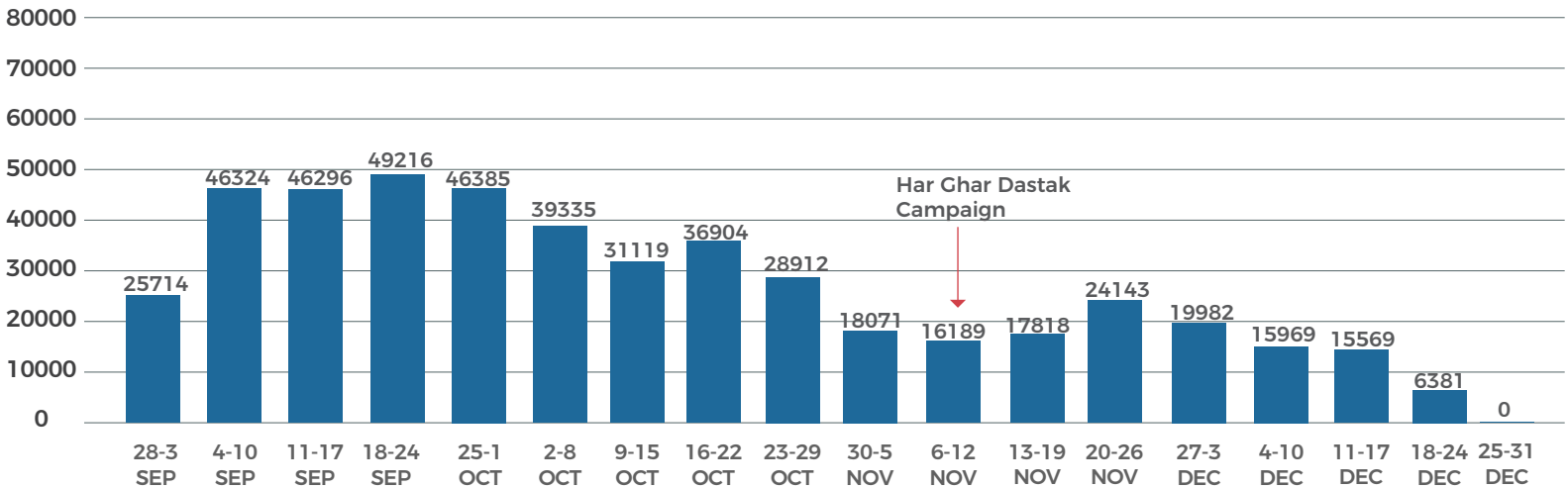
District	Total doses administered	Total Doses administered in the last 7 days	Coverage of eligible beneficiaries	
			1st Dose	2nd Dose
Dimapur	498190	0	128 %	96 %
Kohima	203173	0	69 %	58 %
Longleng	38034	0	59 %	45 %
Mokokchung	131751	0	51 %	44 %
Mon	128129	0	46 %	35 %
Zunheboto	69859	0	45 %	29 %
Kiphire	30086	0	38 %	20 %
Peren	36915	0	37 %	26 %
Phek	62937	0	36 %	26 %
Wokha	61856	0	35 %	25 %
Tuensang	73061	0	33 %	24 %
State	13,33,991	0	61%	46%

**Coverage is based on Electoral ROll (ECI) and is subject to accuracy of census population, migration, and other factors like vaccination of FLWs. Coverage of many districts are also affected by migration of students and citizens from rural to urban settlements like Dimapur and Kohima.*

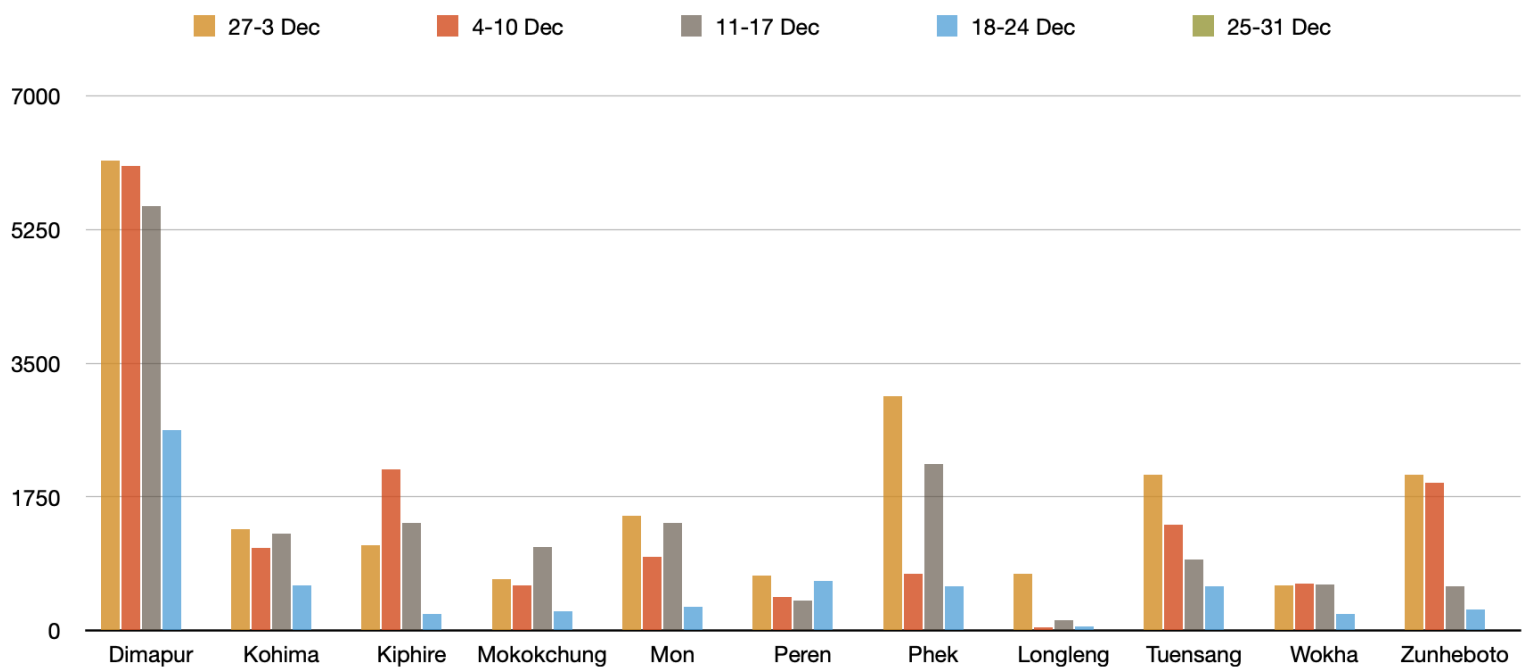
CUMULATIVE BENEFICIARIES



TOTAL WEEKLY VACINE DOSES ADMINISTERED



WEEKLY DOSES IN THE LAST 5 WEEKS

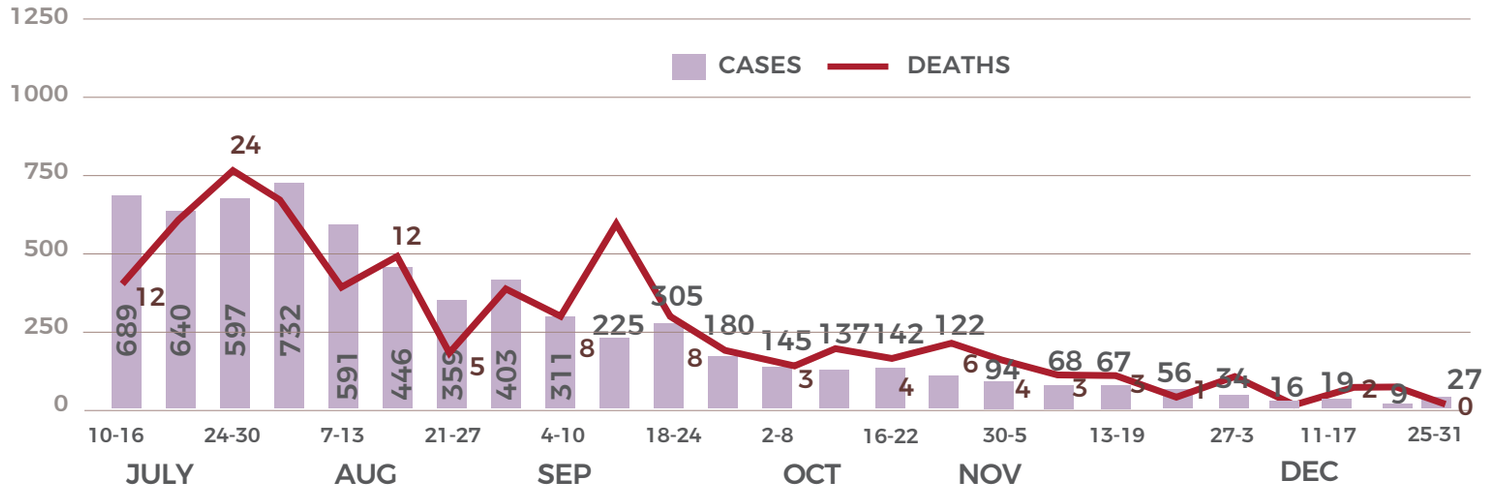


DATA AS ON 31 DECEMBER 2021

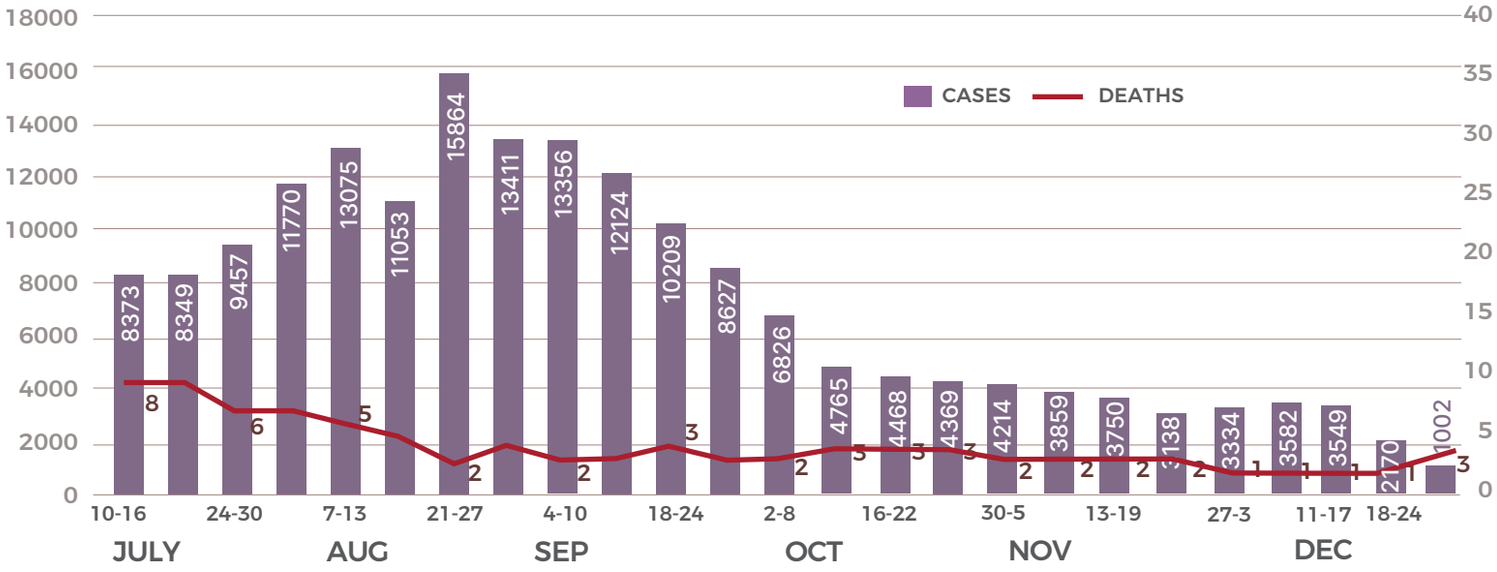
CONFIRMED CASES (weekly data)

27 confirmed cases this week

WEEKLY DATA OF CONFIRMED CASES AND DEATHS



WEEKLY SAMPLES TESTED AND SAMPLE POSITIVITY RATE



CONFIRMED CASES THIS WEEK

Category	Cases	%
Self- Test/ Random Test	11	41%
Travellers	11	41%
Traced contacts	5	19%
Frontline workers	0	0%
Security personnel	0	0%
TOTAL	27	100%

1,002 samples were tested the past week with a weekly positivity rate of 3%.

CONFIRMED COVID-19 CASES

Descriptive Epidemiology

Overall	32201
Median age of cases	33 years (range: 2 days- 106 years)
Case fatality rate (CFR)	2 % (686/32201)
Cases with Comorbidity	2% (690/32201)
Cases with pregnancy	0.9% (100/11022)
Symptomatic Cases	12% (3899/32201)
Mild	55% (2127)
Moderate	19% (752)
Severe	26% (1020)

DISTRIBUTION OF CONFIRMED CASES BY AGE GROUP AND GENDER

Age Group	2020		2021	
	Cases	%	Cases	%
.02-1	25	0.2	93	0.5
1.1-5	146	1	286	1
6-10	189	2	505	2
11-20	1005	8	2600	13
21-30	3579	30	5277	26
31-40	4060	34	4870	24
41-50	1750	15	3032	15
51-60	849	7	1962	10
61-70	210	2	956	5
71-106	114	1	693	3
TOTAL	11,927	100%	20,274	100%

Gender	2020		2021	
	Cases	%	Cases	%
Male	9292	78	11887	59
Female	2635	22	8387	41
TOTAL	11,927	100%	20,274	100%

The most affected age group is 31-40 years at 34% in 2020 and 21-30-years age group at 26% in 2021.

Majority of the cases 78% in 2020 and 59% in 2021 were male.

DATA AS ON 31 DECEMBER 2021

COVID DEATHS IN THE STATE

0 deaths reported this week

DISTRIBUTION OF COVID-19 DEATHS BY AGE

Age Group	2020		2021	
	Deaths	%	Deaths	%
0.09-1	0	0	2	0.3
1.1-15	0	0	1	0.2
16-20	0	0	3	0.5
21-30	6	8	30	5
31-45	19	26	146	24
46-60	19	26	191	31
61-75	17	24	164	27
76-104	11	15	77	12
TOTAL	72	100%	614	100%

DISTRIBUTION OF COVID-19 DEATHS BY GENDER

Gender	2020		2021	
	Deaths	%	Deaths	
Female	20	28	186	30
Male	52	72	428	70
TOTAL	72	100%	614	100%

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	30-5 NOV	6-12 NOV	13-19 NOV	20-26 NOV	27-3 DEC	4-10 DEC	11-17 DEC	18-24 DEC	25-31 DEC
Dimapur	2.8	2.2	1.7	2.9	1.3	0.7	0.5	0.4	5.8
Kohima	2.0	2.2	0.8	0.8	0.6	0.4	0.6	0.5	0
Tuensang	5.6	0.0	2.8	0.0	1.1	0.0	0	0.0	0
Mokokchung	2.5	1.1	8.1	1.5	2.8	0.0	1.1	1.8	0
Phek	1.0	1.1	0.0	0.0	0.0	0.0	0	0.0	0
Zunheboto	0.0	10	0.0	0.0	0.0	0.0	8.3	0.0	0
Mon	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0
Longleng	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0
Wokha	3.5	1.7	2.4	2.8	0.0	0.0	0	0.0	0
Kiphire	6.0	1.6	0.0	2.6	0.6	.0.0	0	0.0	0
Peren	0.0	0.7	0.0	0.0	0.0	0.0	0	0.0	0
State Total	2.2	1.8	1.8	1.8	1.0	0.4	0.5	0.4	2.7

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(25-31 DEC 2021)

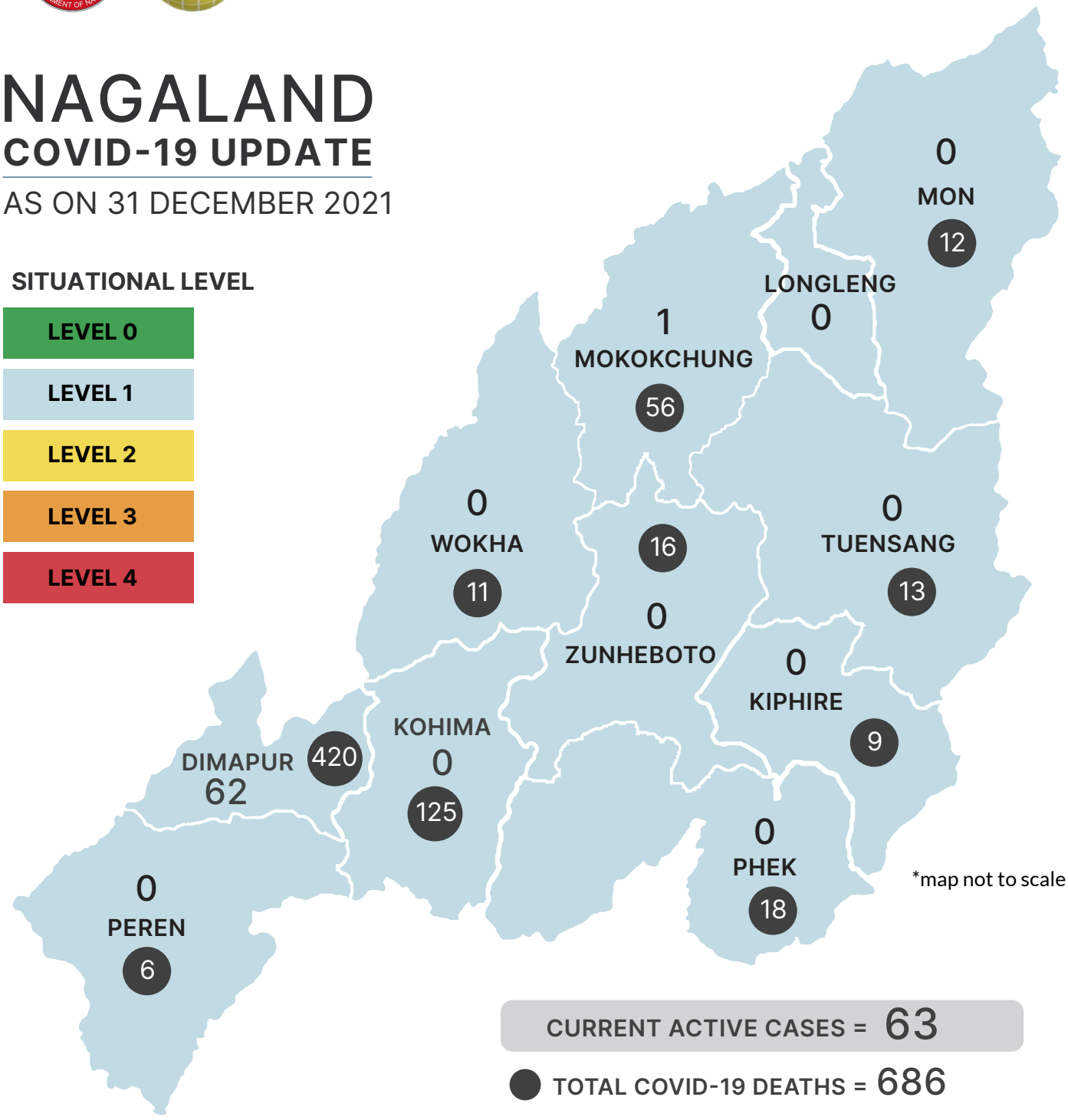
District	Situational Level	Active Cases as on 31 DEC 2021	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 31 DEC 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	1	62	27	0.03	420	0	4	1%	462	5.8%
Mokokchung	1	1	0	0.01	56	0	0	0%	116	0.0%
Kiphire	1	0	0	0	9	0	0	0%	102	0.0%
Kohima	1	0	0	0	125	0	0	0%	188	0.0%
Longleng	1	0	0	0	0	0	0	0%	0	0.0%
Mon	1	0	0	0	12	0	0	0%	36	0.0%
Peren	1	0	0	0	6	0	0	0%	51	0.0%
Phek	1	0	0	0	18	0	0	0%	0	0.0%
Tuensang	1	0	0	0	13	0	0	0%	38	0.0%
Wokha	1	0	0	0	11	0	0	0%	9	0.0%
Zunheboto	1	0	0	0	16	0	0	0%	0	0.0%
TOTAL	1	63	27	0.01	686	0	4	1%	1002	2.7%

DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

NAGALAND
COVID-19 UPDATE
AS ON 31 DECEMBER 2021

SITUATIONAL LEVEL

- LEVEL 0
- LEVEL 1
- LEVEL 2
- LEVEL 3
- LEVEL 4



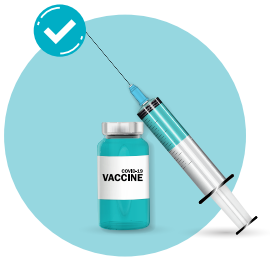
*map not to scale

CURRENT ACTIVE CASES = 63

TOTAL COVID-19 DEATHS = 686

*For data reporting, Noklak is covered under Tuensang district as there is no separate surveillance unit yet for the district.

LET'S STOP COVID-19!



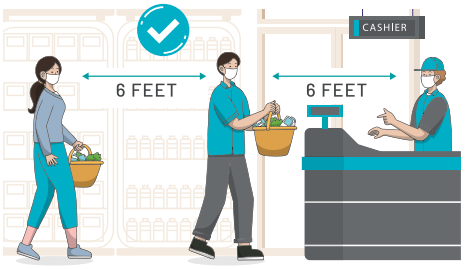
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

for all citizens 18 years and above



REGISTRATION

at vaccination center
or online at
WWW.COWIN.GOV.IN

select preferred Covid19
Vaccination Center (Govt./Pvt.)



CONFIRMATION

1 - SMS on registration
2 - SMS with date, time & place of vaccination
3 - SMS after 1st dose & next due date & time



VACCINATION

carry photo ID proof for verification.

VACCINATION AT GOVERNMENT FACILITIES IS FREE!

www.nagahealth.nagaland.gov.in
www.covid19.nagaland.gov.in
www.nsdma.nagaland.gov.in

@MyGovNagaland
@HealthNagaland
Coronaga

DR.NEIKHRIELIE KHIMIAO
Principal Director
Department of H&FW, Nagaland

Bibliography:
DoHFW, Nagaland; COVID-19 War Room, Nagaland; MoHFW; WHO; WCO Nagaland; NCDC, New Delhi;
CDC, Atlanta; Bloomberg ; NEJM; BMJ