ISSUE NO.77 | 25 DECEMBER 2021

COVID-19
WEEKLY BULLETIN

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

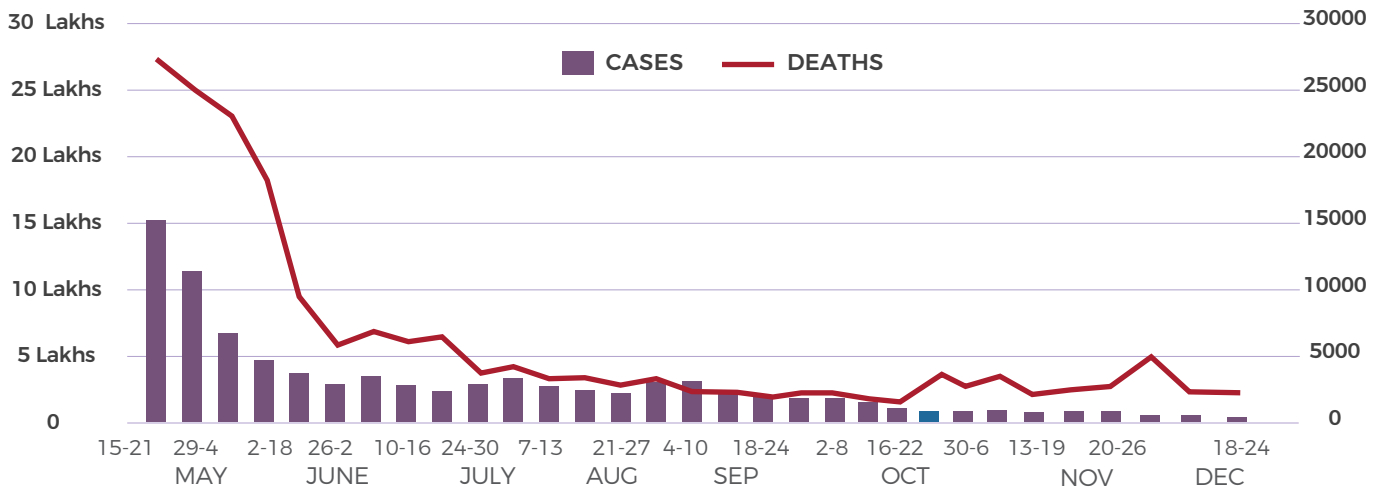
Global Epidemiological Update

Global new cases remained similar to the past week, but Africa and the Western Pacific region reported increase in new cases (WHO).

The Omicron VOC has been reported in over 105 countries.

National update

46,621 cases and 2,362 deaths were reported from the week.



WEEKLY SUMMARY

- 9 new cases and 1 death was reported from the week. Only Dimapur, Kohima and Mokokchung reported new cases.
- 2 new COVID 19 Hospital admissions was recorded from the week, both from Mokokchung.
- A total of 2170 samples were tested in the week with a weekly sample positivity rate of 0.4 %. Zunheboto and Longleng could not test any samples.
- 13.33 lakh doses of COVID-19 Vaccine have been administered across the state.

Global | National | State

As on 24 DEC 2021

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 vaccine doses given
World	276436619	5374744	1.94%	8.64 billion
India	34779815	479520	1.38%	1.41 billion
Nagaland	32174	686	2.13%	13.33 lakhs

In the past week:

World: 44,73,361 cases and 43,725 deaths.

India: 46,621 cases and 2,362 deaths.

Nagaland: 9 cases and 1 death.

BLESSED & SAFE
CHRISTMAS

Department of Health and Family Welfare

UPDATE ON OMICRON VOC

As on 23 Dec 2021, 105 countries have reported the Omicron VOC with over 1.2 lakh cases and 20 deaths. United Kingdom, Denmark and Norway have the maximum cases.

358 OMICRON CASES IN INDIA *as on 22 Dec 2021 (MoHFW)*

Maharashtra	88	Telangana	38	J&K	3	Haryana	4
Delhi	67	Gujarat	30	West Bengal	3	Uttar Pradesh	2
Tamil Nadu	34	Kerala	27	Andhra P	2	Chandigarh	1
Karnataka	31	Rajasthan	22	Odisha	4	Ladakh	1
						Uttarakhand	1

Data and research around Omicron is still evolving and preliminary evidences are detailed as below:

Transmissibility

- Omicron is at least 3 times more transmissible than the Delta VOC (MoHFW)
- Omicron has substantial growth advantage over delta (WHO)
- In countries with community transmission by Omicron, doubling time is between 1.5-3 days (WHO)
- Omicron is spreading rapidly in countries even with high level of population immunity (WHO)
- Higher rate of transmission from an Index case. Secondary attack rate of 21.6% as compared to 10.7 % by Delta (UK study)

Disease severity

- Data on clinical severity is still evolving as there is a time lag between increase in cases and hospitalizations or deaths.
- Hospitalizations in UK and South Africa continue to rise daily – countries most affected by Omicron.
- "It is too early to conclude if Omicron is more or less severe than other VOCs. However, early data suggest that the severity may be potentially lower than for the Delta variant and even if this is the case, it is expected that hospitalizations will increase as a result of significant increases in transmission. More hospitalizations will put a burden on health systems and lead to more deaths, particularly with short doubling " - WHO

Impact on Diagnostics / Test Kits

- Available RT PCR kits and Rapid Antigen tests is effective in detecting Omicron as per available evidence. Further genomic sequencing will follow up as necessary.

Effect on Vaccines/ Immune evasion

- Reinfection by Omicron appears to be higher than with other VOCs (South Africa/UK Study)
- Preliminary data suggest a fall in neutralizing titres against Omicron
- Two doses of available vaccines appear to have reduced effectiveness against omicron on Infection, symptomatic disease, and hospitalization (WHO)
- South Africa reported vaccine effectiveness of the Pfizer BioNTech-Comirnaty vaccine of 33% against infection and 70% against hospitalization (Preliminary data)
- Though humoral immune response may be reduced, initial data indicates 70% of Omicron epitopes may not be affected by T- Cell recognition which will mean cellular mediated protection against severe disease may be preserved.
- Vaccines remain the most effective intervention against severe disease and death – against circulating VOC and possibly against Omicron.

Impact on available treatments/ therapeutics

- Corticosteroids and IL-6 blockers are expected to remain effective.
- "Preliminary in vitro data published in preprints suggests that some of the monoclonal antibodies developed against SARS-CoV-2 may have decreased neutralization against Omicron"- WHO

Public Health and Social Measures

- The use of well fitted masks, physical distancing, ventilation of indoor space, crowd avoidance and hand hygiene remain key to reducing transmission of SARS-CoV-2, even in the context of emerging variants. However, PHSMs may need to be enhanced to further limit interpersonal contact, to control transmission with a more transmissible variant- WHO

In view of the emerging evidence and the start of festivities in the state, the following measures are strongly recommended to avoid a post festival surge and a third wave.

- ☑ Use of masks is highly effective in reducing transmission of any Variant of concern. Everyone should wear a mask in public places especially in crowded areas, social or indoor gatherings.
- ☑ All citizens should celebrate responsibly by limiting gatherings, avoiding crowd and adhering to responsible measures like use of mask and hand hygiene. One life is more worth than an event postponed or cancelled.
- ☑ COVID-19 vaccines are expected to be highly effective against severe disease and death for any variant of concern. Vaccines are strongly recommended to avoid more deaths and the unvaccinated or those not availed second dose should receive it timely before the third wave.
- ☑ Anyone with COVID-19 like symptoms should come forward for testing and avoid crowd or public spaces.
- ☑ Travellers should strictly adhere to laid down SOPs and monitor their health and symptoms.

(SOURCE: UIP, DHFW)

COVID-19 VACCINATION

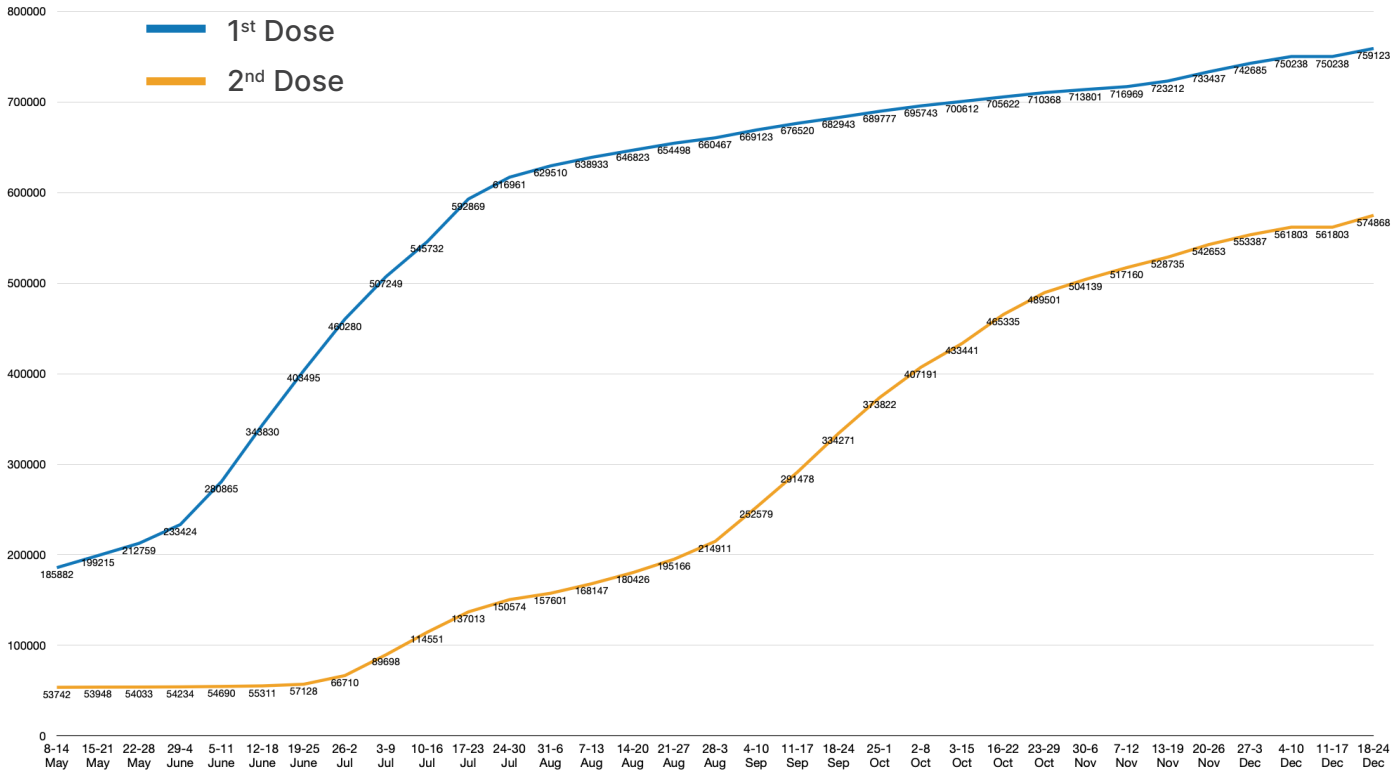
13.33 lakh doses administered across the state

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

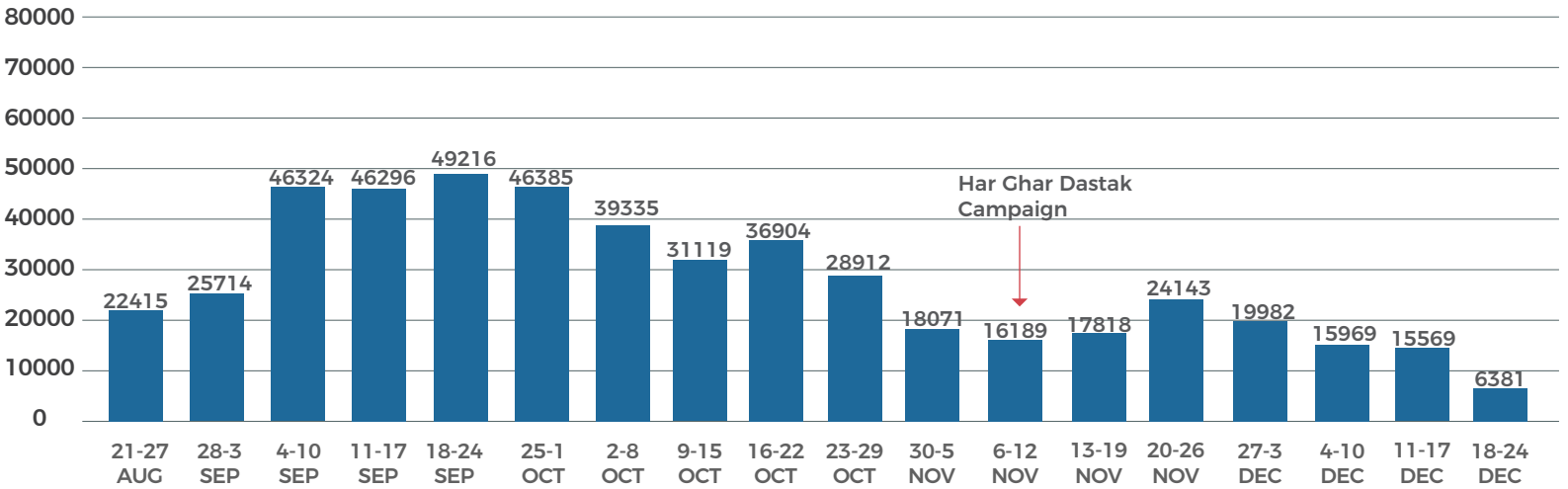
District	Total doses administered	Total Doses administered in the last 7 days	Coverage of eligible beneficiaries	
			1st Dose	2nd Dose
Dimapur	498190	2627	128 %	96 %
Kohima	203173	597	69 %	58 %
Longleng	38034	54	59 %	45 %
Mokokchung	131751	253	51 %	44 %
Mon	128129	314	46 %	35 %
Zunheboto	69859	279	45 %	29 %
Kiphire	30086	219	38 %	20 %
Peren	36915	652	37 %	26 %
Phek	62937	584	36 %	26 %
Wokha	61856	219	35 %	25 %
Tuensang	73061	583	33 %	24 %
State	13,33,991	6,381	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.*

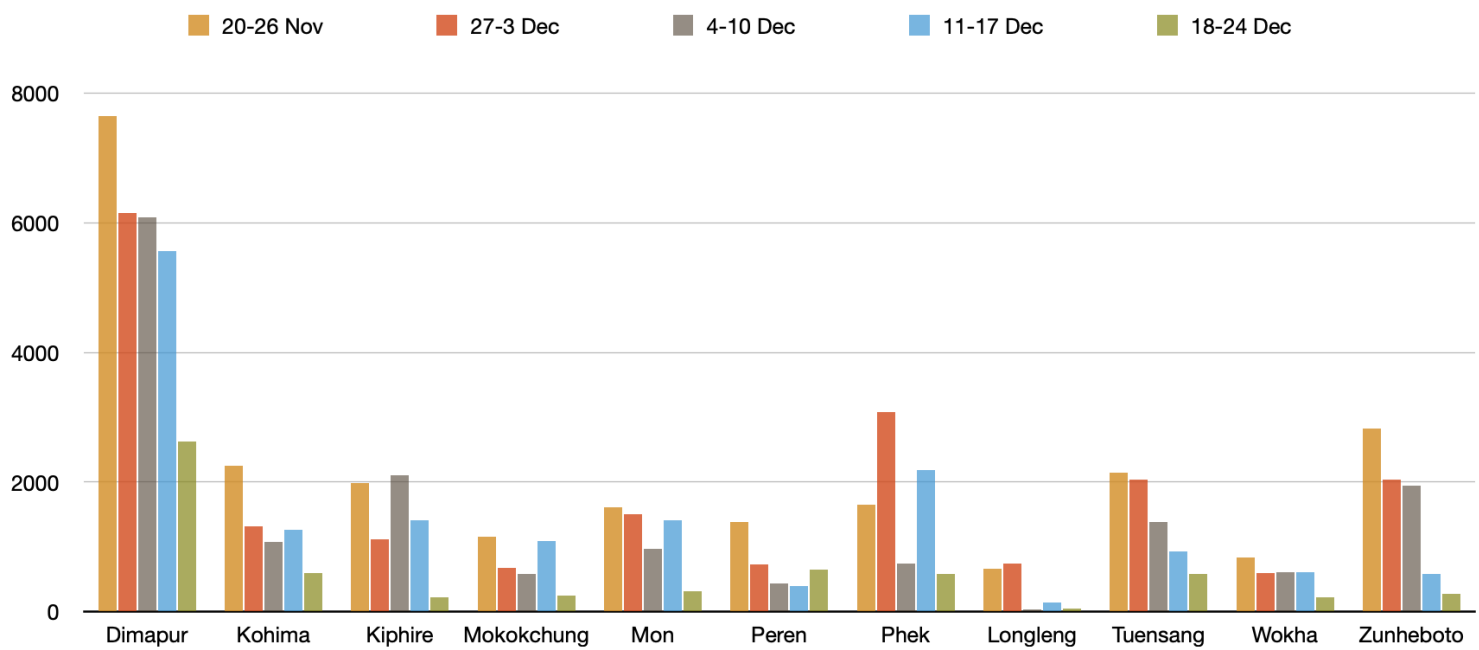
CUMULATIVE BENEFICIARIES



TOTAL WEEKLY VACINE DOSES ADMINISTERED



WEEKLY DOSES IN THE LAST 5 WEEKS

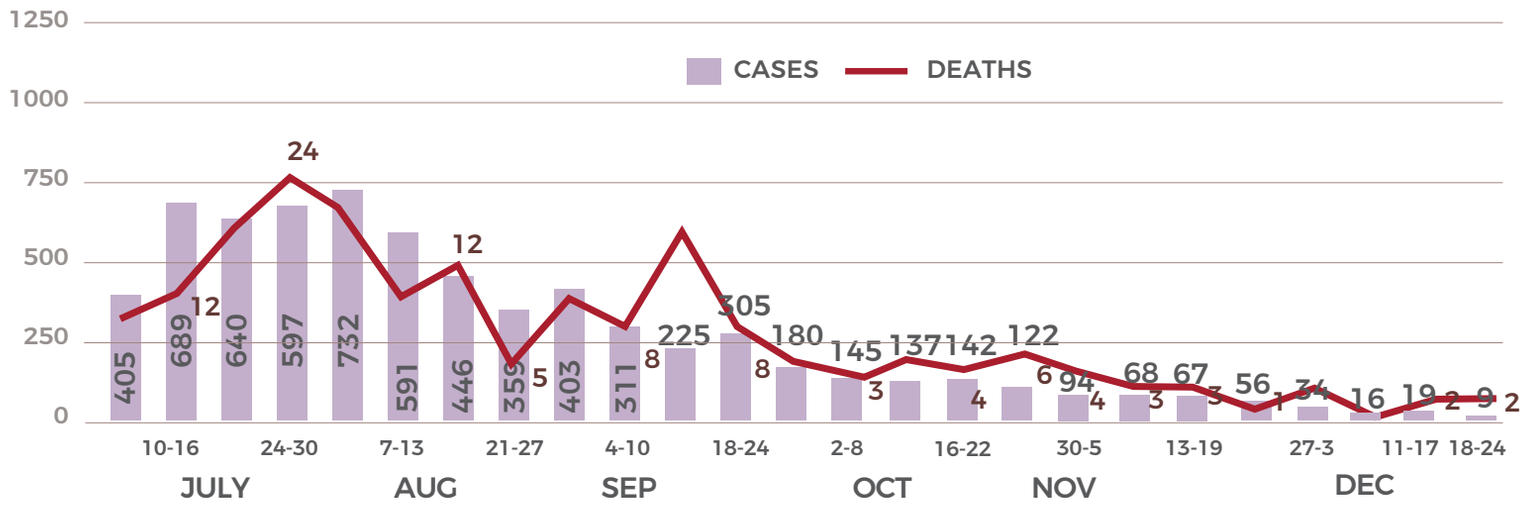


DATA AS ON 24 DECEMBER 2021

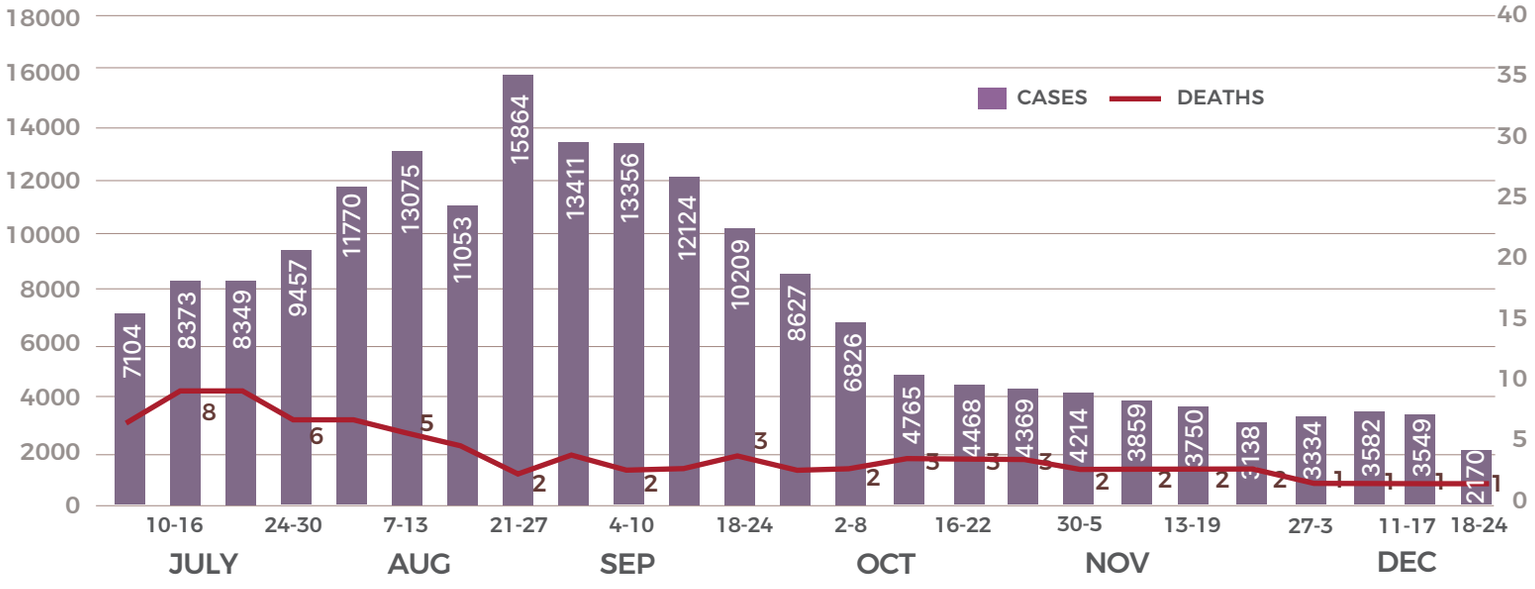
CONFIRMED CASES (weekly data)

9 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	6	67%
Travellers	2	22%
Frontline workers	1	11%
Traced contacts	0	0%
Security personnel	0	0%
TOTAL	9	100%

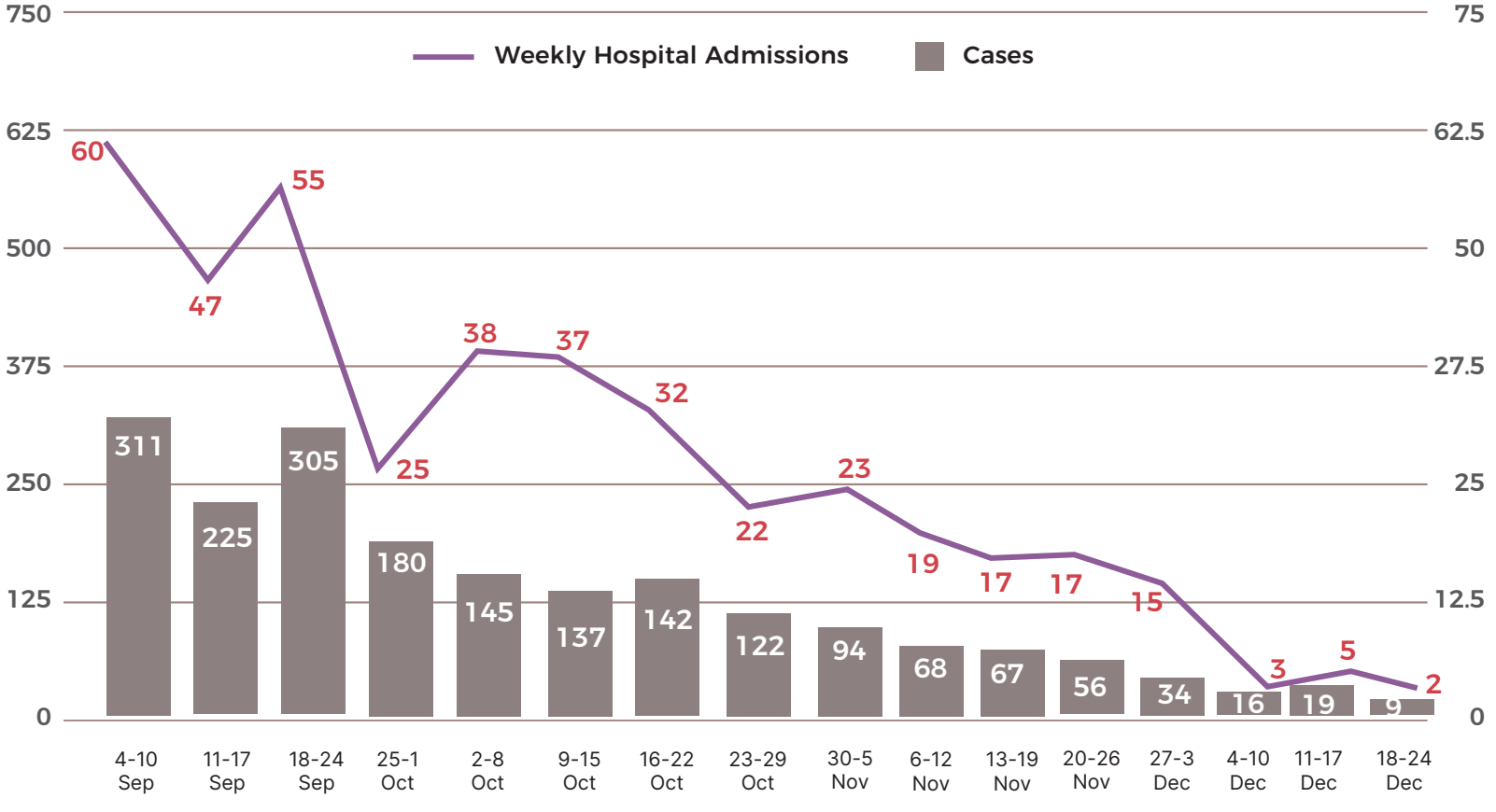
2,170 samples were tested the past week with a weekly positivity rate of 1%.

CONFIRMED COVID-19 CASES

Descriptive Epidemiology

Overall	32174
Median age of cases	33 years (range: 2 days- 106 years)
Case fatality rate (CFR)	2 % (686/32174)
Cases with Comorbidity	2% (690/32174)
Cases with pregnancy	0.9% (100/11009)
Symptomatic Cases	12% (3893/32174)
Mild	55% (2125)
Moderate	19% (749)
Severe	26% (1019)

WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES



WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	23-29 OCT	30-5 NOV	6-12 NOV	13-19 NOV	20-26 NOV	27-3 DEC	4-10 DEC	11-17 DEC	18-24 DEC
Dimapur	3.2	2.8	2.2	1.7	2.9	1.3	0.7	0.5	0.4
Kohima	3.0	2.0	2.2	0.8	0.8	0.6	0.4	0.6	0.5
Tuensang	0.9	5.6	0.0	2.8	0.0	1.1	0.0	0	0.0
Mokokchung	4.4	2.5	1.1	8.1	1.5	2.8	0.0	1.1	1.8
Phek	3.0	1.0	1.1	0.0	0.0	0.0	0.0	0	0.0
Zunheboto	2.2	0.0	10	0.0	0.0	0.0	0.0	8.3	0.0
Mon	0.5	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	0.0
Wokha	6.6	3.5	1.7	2.4	2.8	0.0	0.0	0	0.0
Kiphire	0.0	6.0	1.6	0.0	2.6	0.6	.0.0	0	0.0
Peren	0.3	0.0	0.7	0.0	0.0	0.0	0.0	0	0.0
State Total	2.8	2.2	1.8	1.8	1.8	1.0	0.4	0.5	0.4

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(18-24 DEC 2021)

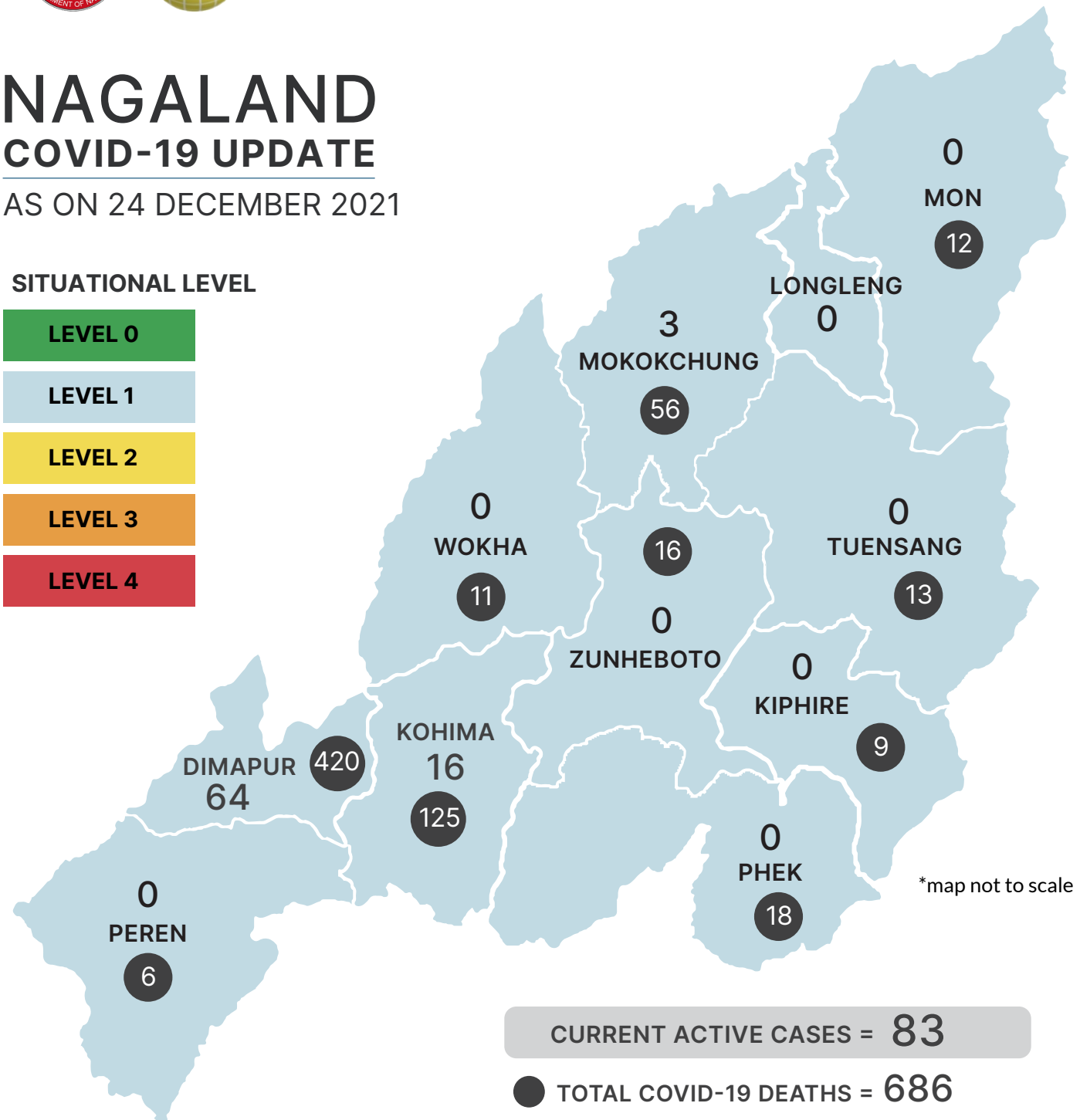
District	Situational Level	Active Cases as on 24 DEC 2021	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 24 DEC 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	1	64	5	0	420	1	0	0%	1258	0.4%
Kohima	1	16	2	0	125	0	0	4%	422	0.5%
Mokokchung	1	3	2	0.01	56	0	2	0%	113	1.8%
Kiphire	1	0	0	0	9	0	0	0%	99	0.0%
Longleng	1	0	0	0	0	0	0	0%	0	0.0%
Mon	1	0	0	0	12	0	0	0%	94	0.0%
Peren	1	0	0	0	6	0	0	0%	81	0.0%
Phek	1	0	0	0	18	0	0	0%	27	0.0%
Tuensang	1	0	0	0	13	0	0	0%	54	0.0%
Wokha	1	0	0	0	11	0	0	0%	22	0.0%
Zunheboto	1	0	0	0	16	0	0	0%	0	0.0%
State Total	1	83	9	0.00	686	1	2	1%	2170	0.4%

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

NAGALAND
COVID-19 UPDATE
AS ON 24 DECEMBER 2021

SITUATIONAL LEVEL

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



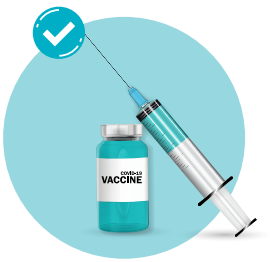
*map not to scale

CURRENT ACTIVE CASES = 83

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!



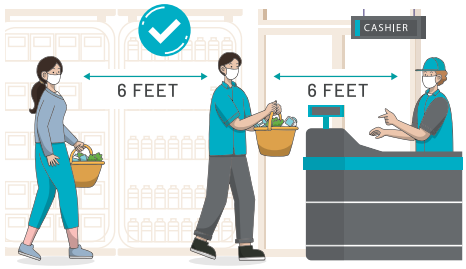
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

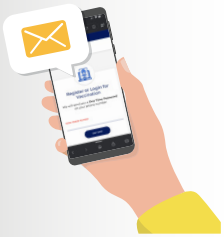
for all citizens 18 years and above



REGISTRATION

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

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

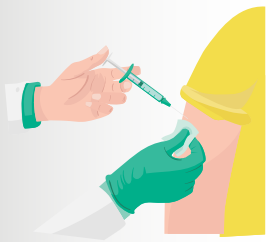


CONFIRMATION

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

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