ISSUE NO.74 | 4 DECEMBER 2021

COVID-19
WEEKLY BULLETIN

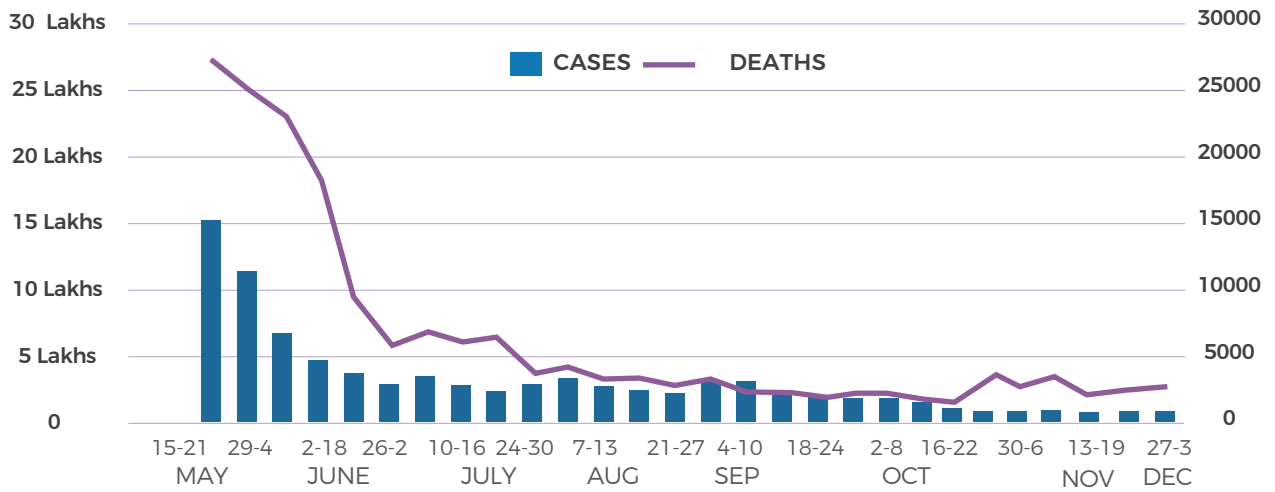
DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

Global Epidemiological Update

With over 5.23 million deaths and 263 million cases reported as of date, the regions of Europe, Africa and Western Pacific reported increase in weekly cases (WHO). The new Variant of Concern Omicron has been detected in over 30 countries including India.

National update

60,326 cases and 2,647 deaths were reported from the week with a weekly sample positivity rate of 0.84%. The country also reported the first two cases of Omicron from Karnataka this week. More than 125 crore doses of COVID-19 vaccine have been administered in the country.



WEEKLY SUMMARY

- The state has reached a milestone this week by vaccinating 60% of all eligible beneficiaries. 12.96 lakh doses of COVID-19 vaccines have been administered.
- 34 cases were reported from the week with a weekly sample positivity rate of 1%. Dimapur recorded the maximum number of cases (24) and also tested 55% of all samples (3,334) from the week. The weekly sample positivity rate has remained below 5% for the last 16 weeks.
- 3 COVID-19 deaths were recorded from the week (all from Dimapur).
- 15 new COVID-19 hospital admissions were reported from COVID-19 hospitals
- The month of November recorded 280 positive cases from 15,360 samples with a positivity rate of 1.8%.
- In the wake of the new variant of concern, citizens are strongly advised to compulsorily use a face mask in public places and get vaccinated at the earliest.

As on 03 DEC 2021

Global | National | State

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 vaccine doses given
World	26,35,63,622	52,32,562	1.99%	7.86 billion
India	3,46,15,757	4,70,115	1.36%	1.25 billion
Nagaland	32,130	683	2.13%	12.96 lakhs

In the past week:

World: 40,61,591 cases and 49,559 deaths.

India: 60,326 cases and 2,647 deaths.

Nagaland: 34 cases and 3 deaths.

UPDATE ON OMICRON VARIANT OF CONCERN (B.1.1. 529)

B.1.1.529 was classified as a variant of Concern (VOC) by WHO due to a large number of mutations especially on the spike protein.

Transmissibility	No direct evidence for increased transmissibility. Primary evidence suggests increased transmissibility (Lancet)
Disease severity	Not yet known. Clinical outcome data are under review.
Risk of reinfection	Preliminary evidence suggests a possible increased risk of reinfection. 35,670 suspected reinfections were identified among 2,796,982 individuals with laboratory-confirmed SARS-CoV-2 who had a positive test result at least 90 days prior to 27 November 2021 in South Africa (study is not peer reviewed)
Impacts on diagnostics	PCR continues to detect Omicron. Impact on Ag-RDTs is under investigation.
Impact on vaccines	There is no evidence to suggest that existing vaccines do not work on Omicron, some of the mutations reported on Spike gene may decrease the efficacy of existing vaccines (MoHFW India) Thus far, most COVID-19 vaccines have remained effective in preventing severe COVID-19, hospitalisation, and death, for all previous variants, because this efficacy might be more dependent on T-cell immune responses than antibodies. ''Lancet

Source : WHO, Lancet, ECDC

"Omnicorn is expected to cause over half of all SARS-COV-2 infections in Europe within the next few months. The probability of the further introduction and community spread of the Omicron VOC in EU/EEA countries is currently assessed as HIGH."
- European Center for Disease Prevention and control (ECDC).

In the wake of the new emerging Variant (B.1.1.159) , citizens are strongly advised for the following preventive measures

- ☑ **COVID-19 vaccination at the earliest** to prevent hospitalizations and deaths because vaccines are very effective against circulating variants and possibly against other VOCs.
- ☑ **Compulsory masking** in public places
- ☑ **Crowd control** in any social, religious, or political gathering to avoid super spreader events.
- ☑ Choosing **outdoor events** over indoor gatherings.

The festive season brings in much cheer and joy, but it comes with an increased risk of infections and super spreader events due to more interactions between people unless all citizens of the state come together and do their part.

(SOURCE: UIP, DHFW)

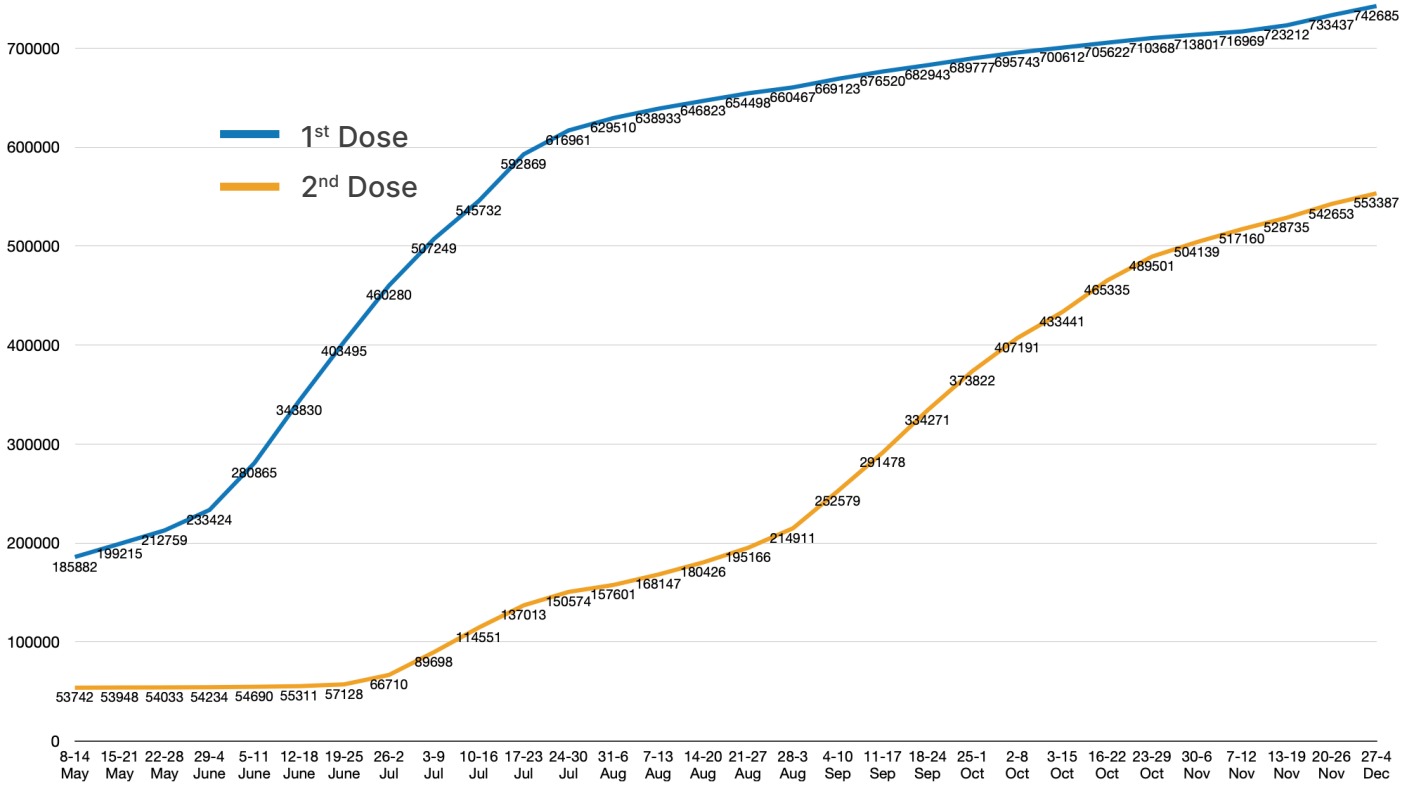
COVID-19 VACCINATION

12. 96 lakh doses administered across the state

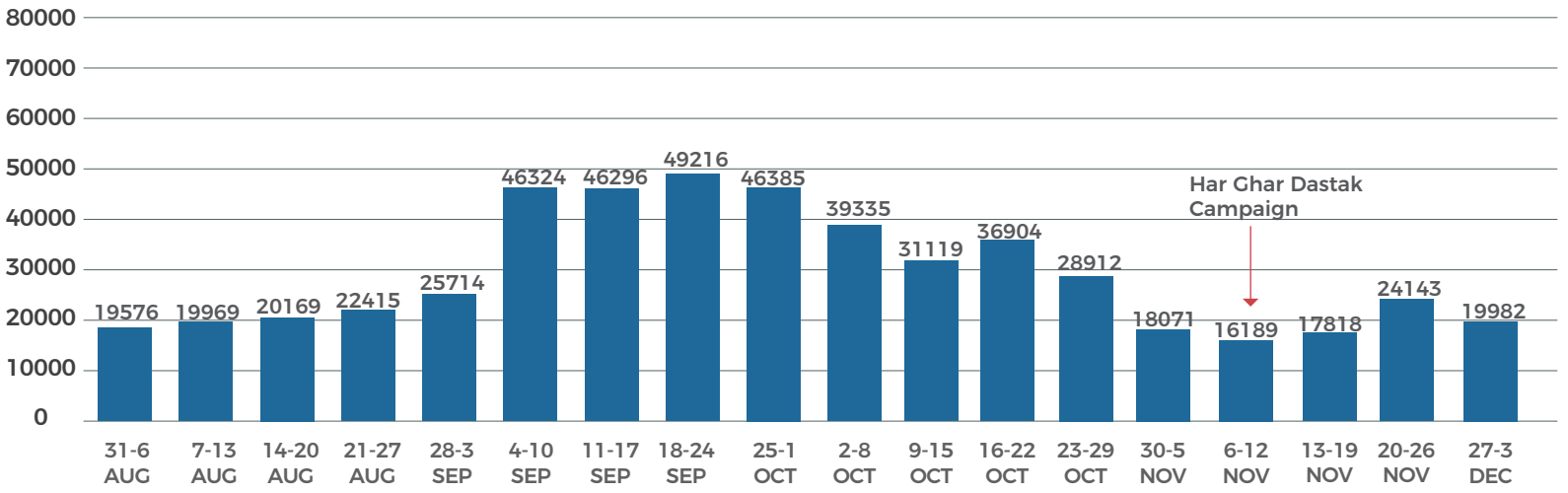
District	Total doses administered	Total Doses administered in the last 7 days	Coverage of eligible beneficiaries	
			1st Dose	2nd Dose
Dimapur	483929	6150	126 %	92 %
Kohima	200230	1322	69 %	57 %
Longleng	37805	749	59 %	45 %
Mokokchung	129821	672	51 %	43 %
Mon	125438	1505	46 %	34 %
Zunheboto	67060	2037	43 %	28 %
Tuensang	70168	2040	36 %	26 %
Peren	35430	723	36 %	25 %
Wokha	60418	592	35 %	24 %
Phek	59428	3074	35 %	24 %
Kiphire	26345	1118	31 %	19 %
State	12,96,072	19,982	60%	45%

**Coverage is based on census and is subject to accuracy of census population, migration, and other factors like vaccination of FLWs*

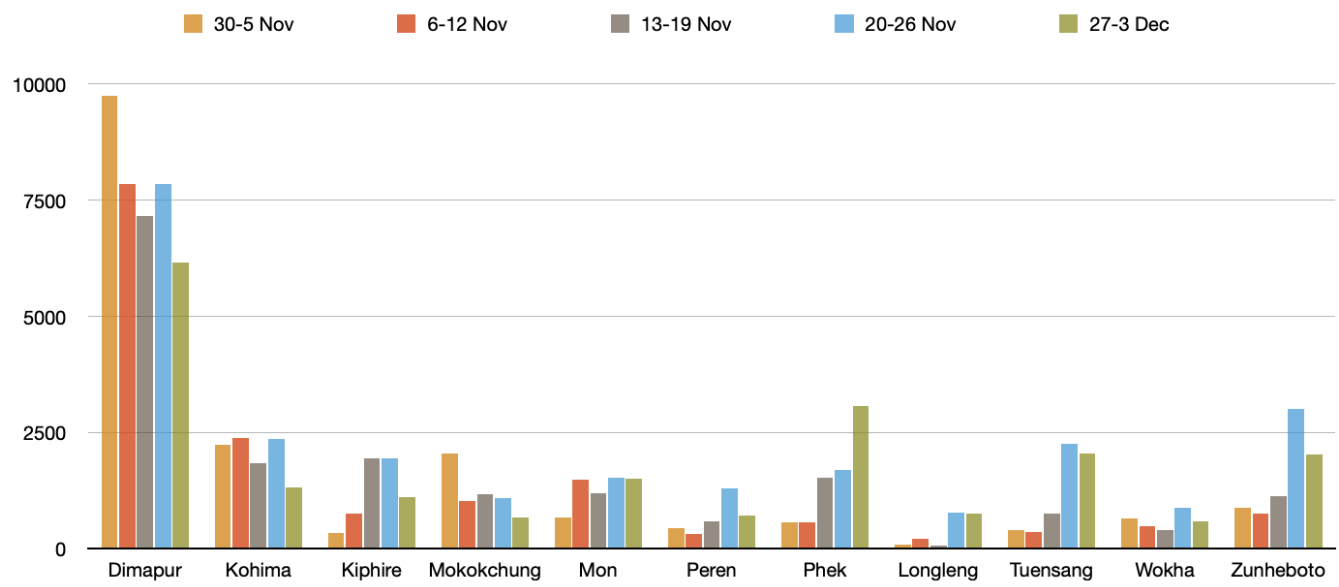
CUMULATIVE BENEFICIARIES



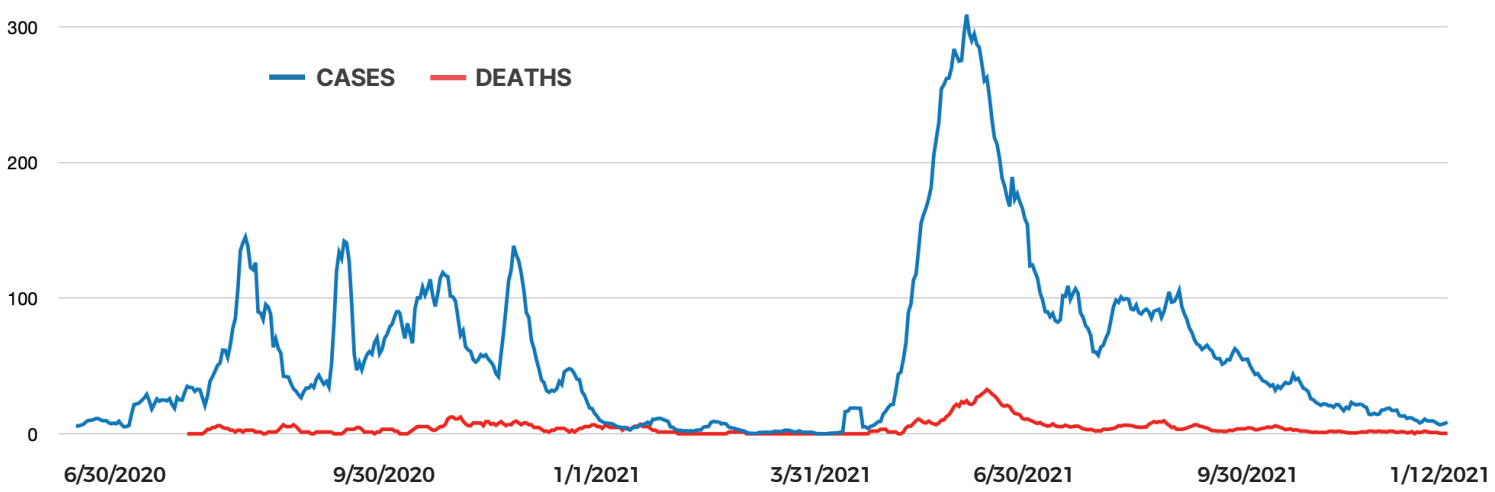
TOTAL WEEKLY VACINE DOSES ADMINISTERED



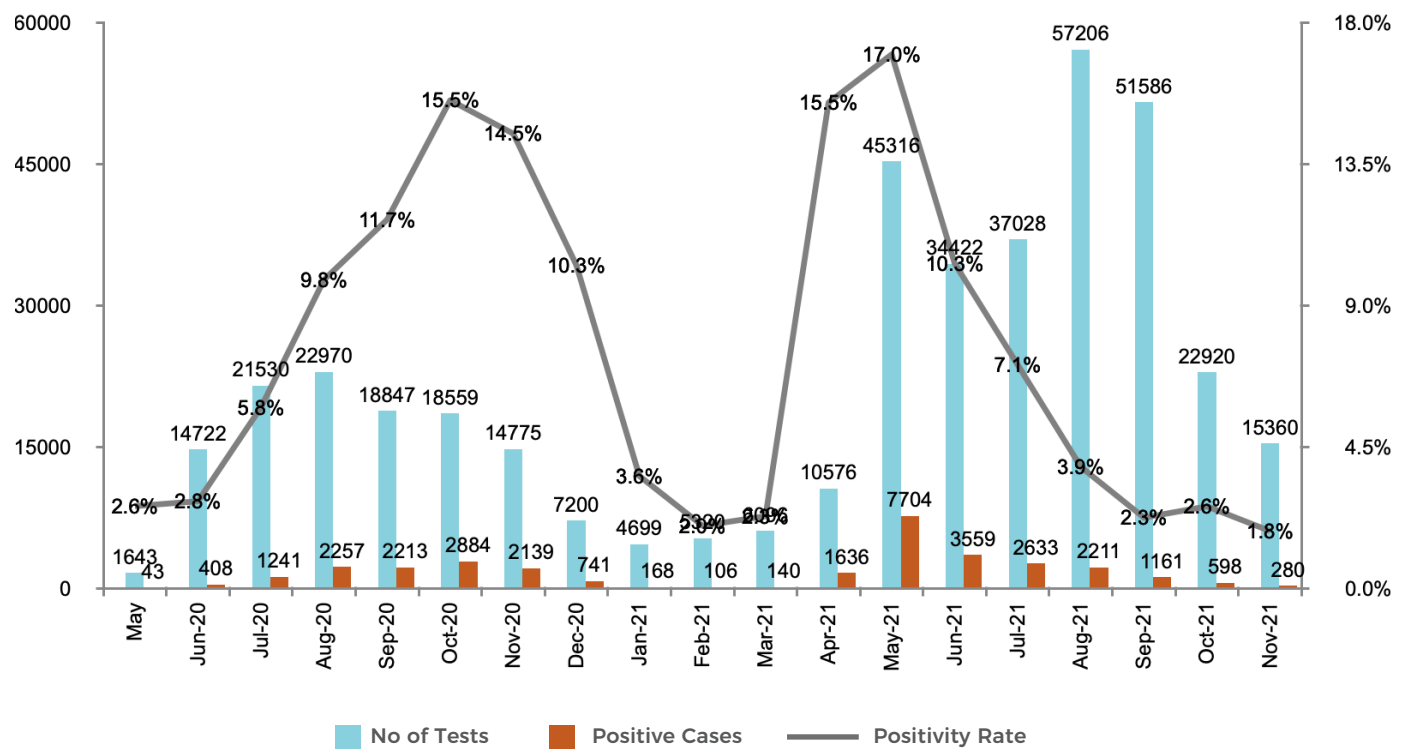
WEEKLY DOSES IN THE LAST 5 WEEKS



DAILY COVID-19 CASE INCREASE WITH 7 DAY MOVING AVERAGE



MONTHLY DATA ON TESTING, NUMBER OF POSITIVE CASES & POSITIVITY RATE

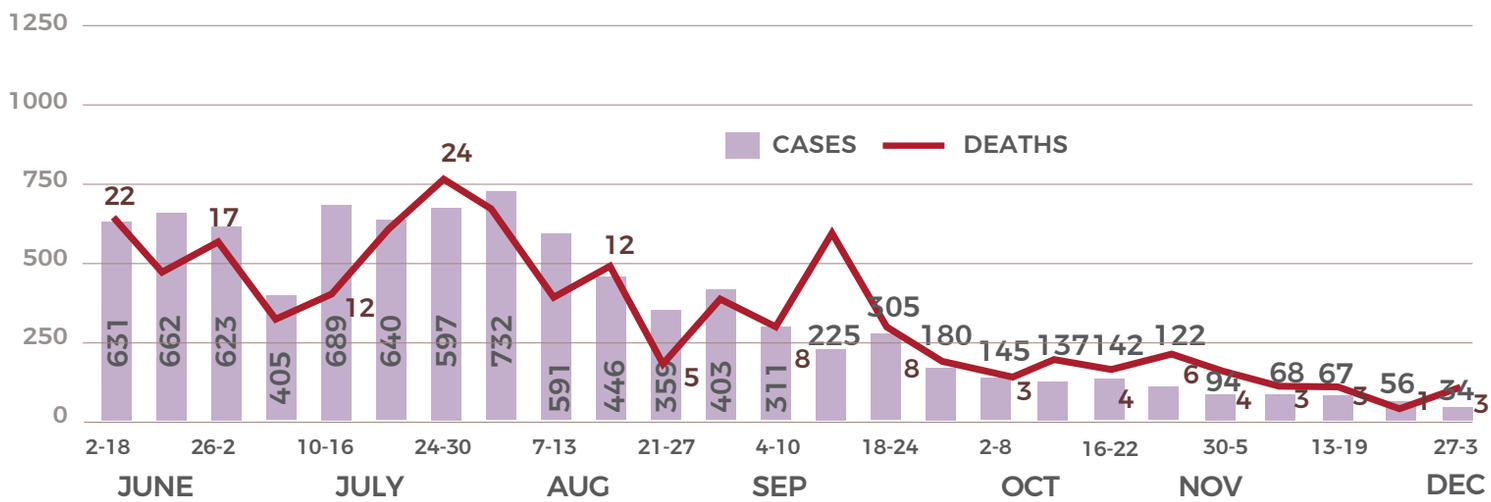


DATA AS ON 03 DECEMBER 2021

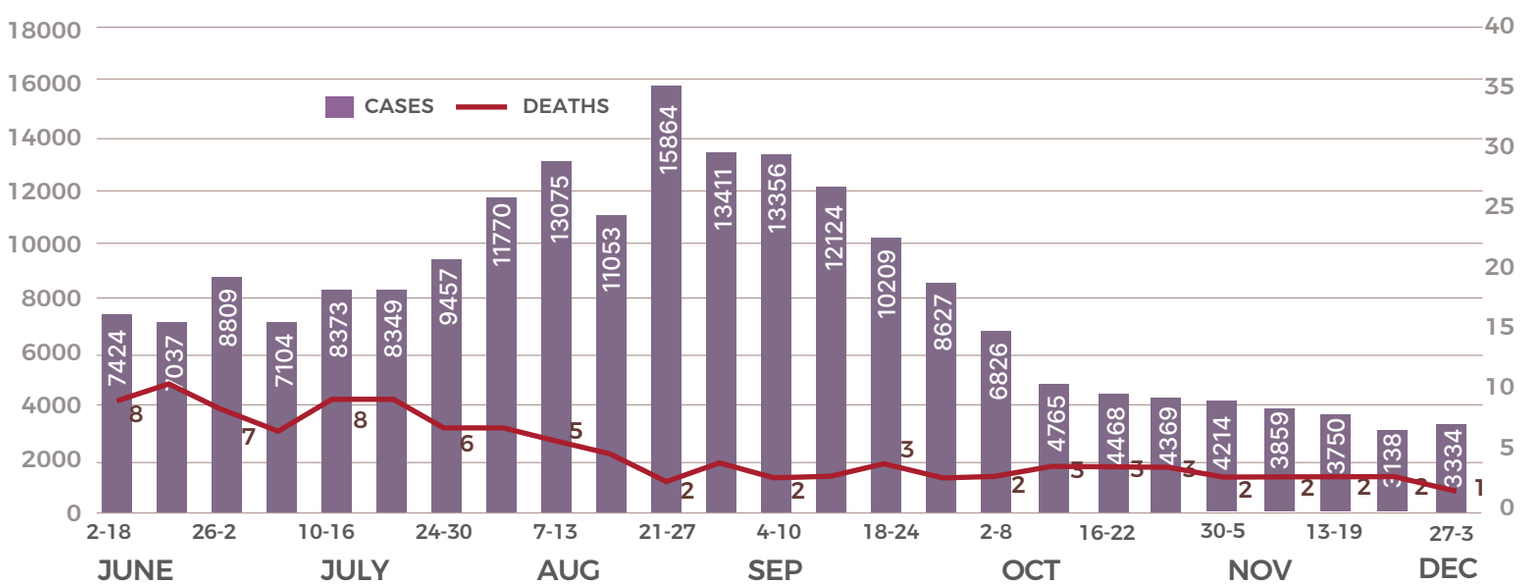
CONFIRMED CASES (weekly data)

34 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	42	75%
Traced contacts	5	9%
Travellers	5	9%
Frontline workers	2	4%
Security personnel	2	4%
TOTAL	56	100%

3,334 samples were tested the past week with a weekly positivity rate of 1%.

CONFIRMED COVID-19 CASES

Descriptive Epidemiology

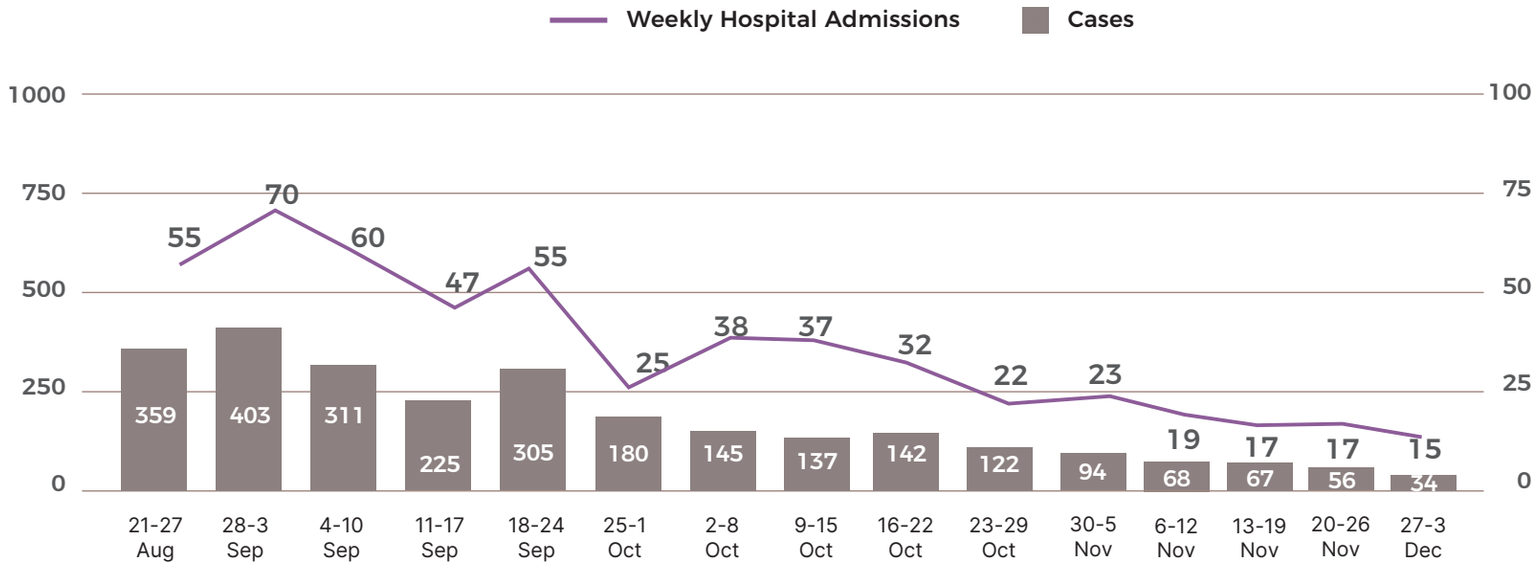
Median age of cases	33 years (range: 2 days- 106 years)
Case fatality rate (CFR)	2% (683/32130)
Cases with Comorbidity	2% (683/32130)
Cases with pregnancy	0.9% (100/10988)
Symptomatic Cases	12% (3881/32130)
Mild	55% (2116)
Moderate	19% (747)
Severe	26% (1018)
Total Recovered	94% (30245/32130)

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	503	2
11-20	1005	8	2590	13
21-30	3579	30	5265	26
31-40	4060	34	4861	24
41-50	1750	15	3016	15
51-60	849	7	1955	10
61-70	210	2	949	5
71-106	114	1	685	3
TOTAL	11,927	100%	20,203	100%

Gender	2020		2021	
	Cases	%	Cases	%
Male	9292	78	11850	59
Female	2635	22	8353	41
TOTAL	11,927	100%	20,203	100%

WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES



DATA AS ON 03 DECEMBER 2021

COVID DEATHS IN THE STATE

3 deaths reported this week

DISTRIBUTION OF COVID-19 DEATHS BY AGE AND GENDER

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	190	31
61-75	17	24	163	27
76-104	11	15	76	12
TOTAL	72	100%	611	100%

Gender	2020		2021	
	Deaths	%	Deaths	%
Female	20	28	185	30
Male	52	72	426	70
TOTAL	72	100%	611	100%

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	2-8 OCT	9-15 OCT	16-22 OCT	23-29 OCT	30-5 NOV	6-12 NOV	13-19 NOV	20-26 NOV	27-3 DEC
Dimapur	2.6	4.5	3.2	3.2	2.8	2.2	1.7	2.9	1.3
Kohima	2.3	3.3	3.0	3.0	2.0	2.2	0.8	0.8	0.6
Tuensang	2.4	1.6	10.5	0.9	5.6	0.0	2.8	0.0	1.1
Mokokchung	2.8	1.8	2.3	4.4	2.5	1.1	8.1	1.5	2.8
Phek	4.3	4.1	0.6	3.0	1.0	1.1	0.0	0.0	0.0
Zunheboto	0.0	0.0	0.0	2.2	0.0	10	0.0	0.0	0.0
Mon	0.5	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0
Longleng	1.6	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
Wokha	1.9	1.3	7.4	6.6	3.5	1.7	2.4	2.8	0.0
Kiphire	0.0	0.5	0.0	0.0	6.0	1.6	0.0	2.6	0.6
Peren	0.0	1.1	0.3	0.3	0.0	0.7	0.0	0.0	0.0
State Total	2.1	2.9	3.2	2.8	2.2	1.8	1.8	1.8	1.0

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(27 NOV - 3 DEC 2021)

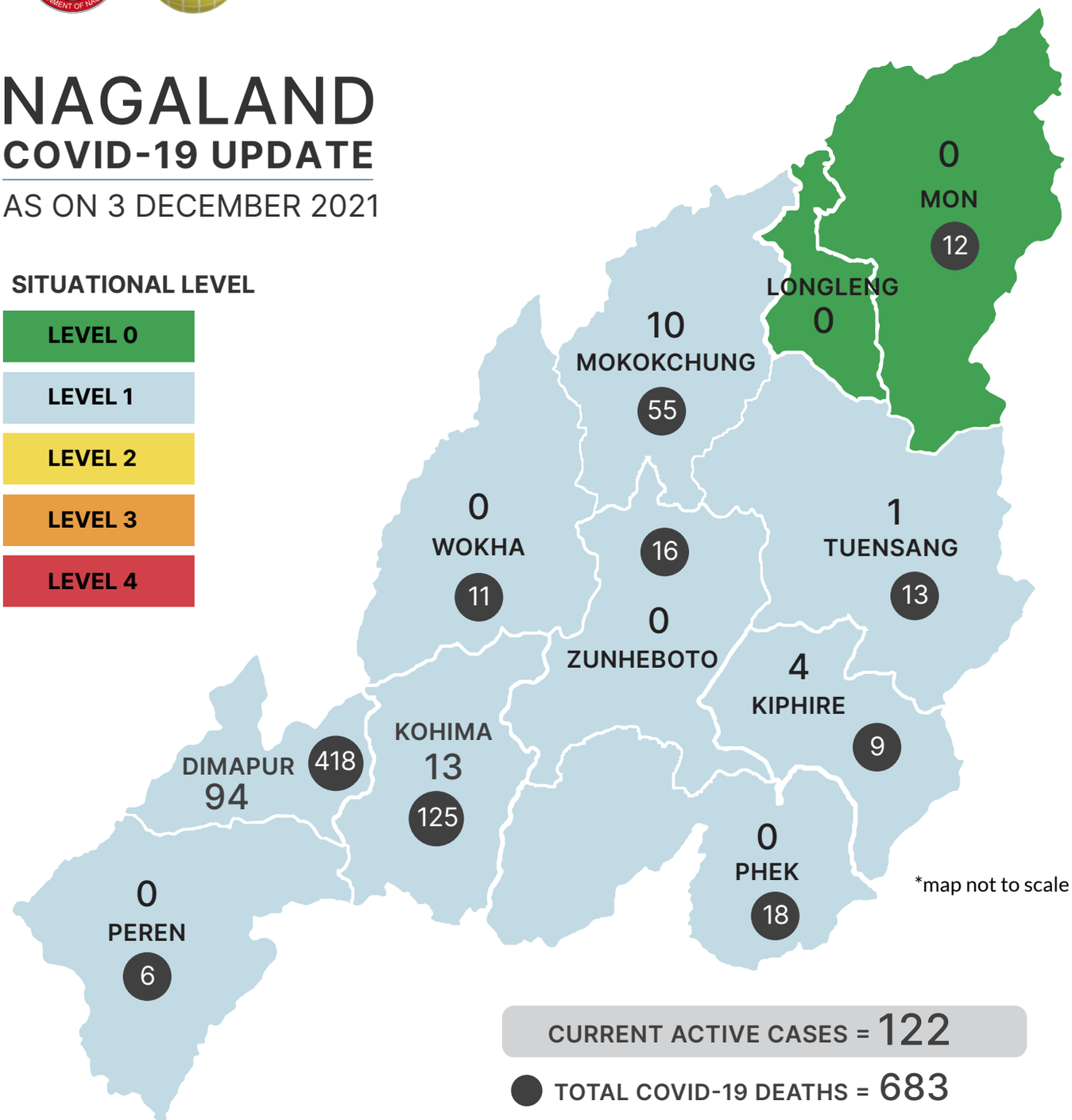
District	Situational Level	Active Cases as on 3 DEC 2021	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 3 DEC 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	1	94	24	0.02	418	3	13	2%	1840	1.3%
Kohima	1	13	3	0	125	0	0	7%	521	0.6%
Mokokchung	1	10	5	0.03	55	0	2	0%	181	2.8%
Kiphire	1	4	1	0.05	9	0	0	0%	180	0.6%
Tuensang	1	1	1	0.01	13	0	0	0%	89	1.1%
Longleng	1	0	0	0	0	0	0	0%	8	0.0%
Mon	1	0	0	0	12	0	0	0%	145	0.0%
Peren	1	0	0	0	6	0	0	0%	179	0.0%
Phek	1	0	0	0	18	0	0	0%	165	0.0%
Wokha	1	0	0	0	11	0	0	0%	25	0.0%
Zunheboto	1	0	0	0	16	0	0	0%	1	0.0%
State Total	1	122	34	0.02	683	3	15	2%	3334	1.0%

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

NAGALAND
COVID-19 UPDATE
AS ON 3 DECEMBER 2021

SITUATIONAL LEVEL

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



*map not to scale

CURRENT ACTIVE CASES = 122

TOTAL COVID-19 DEATHS = 683

*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!



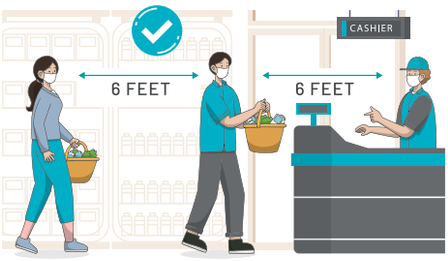
GET VACCINATED



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
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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