ISSUE NO.81 | 22 JANUARY 2022

COVID-19
WEEKLY BULLETIN

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

Global Epidemiological Update

New cases showed an increase in all regions except the African region driven by the Omicron VOC. The WHO has appealed for vaccine equity and call to action to have at least 70% of all countries' populations vaccinated by the start of July 2022 and integrate COVID-19 vaccination into routine health services. Around 9.57 billion doses of COVID-19 vaccines have been administered across the globe (WHO)

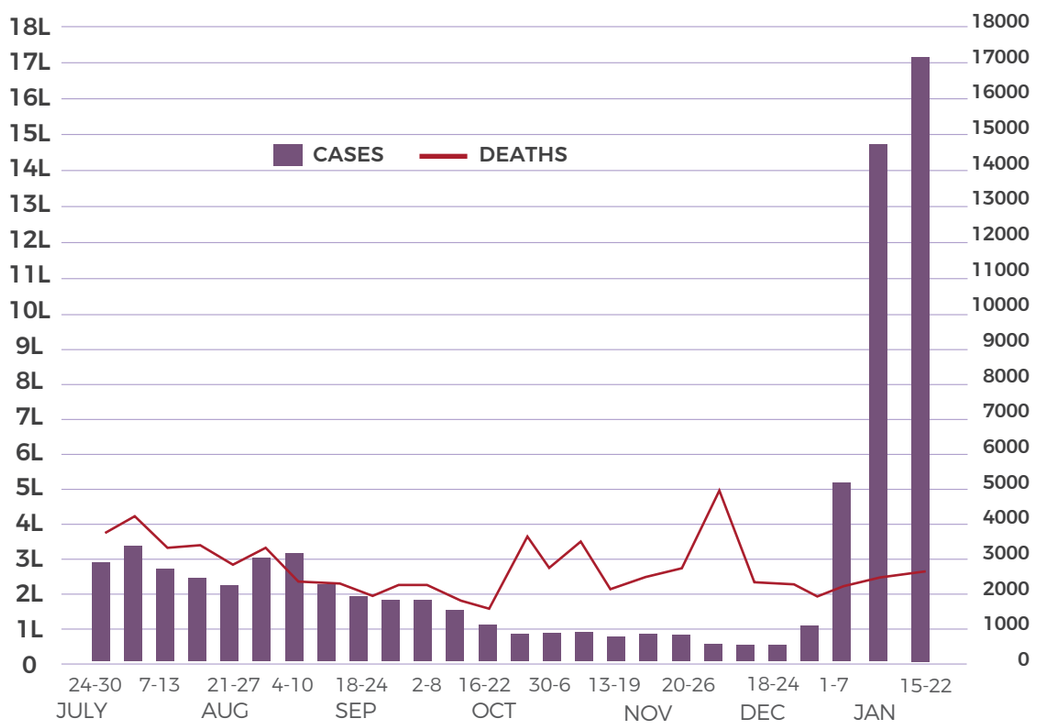
National update

Cases continue to increase for the third week driven by the Omicron VOC.

17.15 lakh cases were reported from the week with a weekly sample positivity rate of 16.06%

2,644 COVID-19 deaths were recorded from the week showing an increasing trend

Karnataka, Maharashtra, kerala, Tamil Nadu and west Bengal have the highest current active cases (MOHFW)



Global | National | State

As on 21 Jan 2022

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 vaccine doses given
World	34,05,43,962	5570163	1.63%	9.57 billion
India	3,85,66,027	488396	1.26%	1.60 billion
Nagaland	33,357	689	2.06%	14.41 lakhs

In the past week:

World: 2,18,95,128 cases and 51,820 deaths.

India: 17,15,065 cases and 2,644 deaths.

Nagaland: 582 cases and 2 deaths.

WEEKLY SUMMARY

- **582 new cases were reported** from the week with a weekly sample positivity rate of 10.6%. Dimapur (461), Kohima (96) and Peren (22) reported the maximum cases. Many cases remain unreported from self-tests at home.
- 67% of cases were in the category of "self-test/ random tests" among those reporting with symptoms, testing for the purpose of travelling etc. **Symptomatics are strongly encouraged to isolate and get tested.**
- The state reported 22 new COVID-19 hospital admissions compared to 7 as of previous week, a 214% increase. Dimapur (14) and Kohima (8) recorded all new weekly admissions.
- 2 COVID-19 deaths were reported from Dimapur taking the total deaths to 689.
- Dimapur, Kohima and Peren reported more than 10% weekly sample positivity rate. High sample positivity rate signifies large undetected cases in the population.
- 14.41 lakh doses of COVID-19 vaccine have been administered across the state including 38,461 teenagers between 15-18 years of age. Vaccines remain the best tool against this pandemic.
- Among the symptomatic cases in 2022, 6% have been classified under severe category. The severe cases were 23% in 2020 and 27% in 2021. However, caution must be exercised on interpreting clinical severity as hospitalisations and deaths follow only weeks after increase in cases.
- Due to increase in cases, high positivity rate and an increasing trend in hospitalisations, **Dimapur and Kohima is put under situational level 2**. All effort must be made to reduce super spreader events.

NAGALAND AGAINST OMICRON

WE HAVE THE TOOLS AGAINST OMICRON AND WE SHOULD USE IT!

- **VACCINES**: Vaccines remain the best public health measure against the Pandemic.
  - i) It prevents severe diseases, hospitalisations and deaths
  - ii) It prevents LONG COVID-19 symptoms.
  - iii) It prevents emergence of new Variants
  - iv) It reduces transmission
- **MASK UP**: Preferably a N95/ triple layer mask/ double mask in public places.
- **AVOID** crowded places.
- **TEST** If you have symptoms for proper clinical monitoring and follow up

WHO SHOULD GET TESTED IN THE COMMUNITY?

(ICMR)

1 Anyone with symptoms like cough, fever, sore throat, loss of smell/ taste, breathlessness, body pain etc

2 AT-RISK CONTACTS OF CONFIRMED COVID-19 CASES:
At risk contacts are:
(i) elderly (60 and above)
(ii) those with diseases/ comorbidities like diabetes, hypertension, chronic lung/ kidney/heart diseases, cancer, HIV-AIDS, obesity etc

- "Self-Testing kits are less sensitive than RT-PCR. Anyone who has symptoms and is tested negative on Rapid Antigen Tests should get tested again through RT-PCR" .
- All citizens who have tested positive through self-tests should contact the Surveillance Teams/ DTF for follow up by doctors and healthcare workers
- Anyone with Symptoms should Isolate at home till resolution of symptoms.

BED OCCUPANCY IN COVID -19 HOSPITALS (PRIVATE AND PUBLIC)

District	TOTAL CAPACITY				OCCUPIED				AVAILABLE BEDS			
	Normal Beds (Non-oxygen)	Oxygen Supported Beds	ICU Beds	ICU ventilator beds	Normal Beds (Non-oxygen)	Oxygen Supported Beds	ICU Beds	ICU ventilator beds	Normal Beds (Non-oxygen)	Oxygen Supported Beds	ICU Beds	ICU ventilator beds
Dimapur	55	379	56	26	4	1	1	0	51	378	55	26
Kiphire	0	11	3	3	0	0	0	0	0	11	3	3
Kohima	134	167	11	19	40	7	3	0	94	160	8	19
Longleng	5	10	2	2	0	0	0	0	5	10	2	2
Mokokchung	34	12	4	4	0	0	0	0	34	12	4	4
Mon	0	27	5	13	0	0	0	0	0	27	5	13
Peren	21	26	7	0	0	0	0	0	21	26	7	0
Phek	6	22	2	0	0	0	0	0	6	22	2	0
Tuensang	40	48	4	12	11	0	0	0	29	48	4	12
Wokha	0	46	4	13	0	0	0	0	0	46	4	13
Zunheboto	12	50	3	5	0	0	0	0	12	50	3	5
State Total	307	798	101	97	55	8	4	0	252	790	101	97

(SOURCE: UIP, DHFW)

COVID-19 VACCINATION

14.41 lakh doses administered across the state

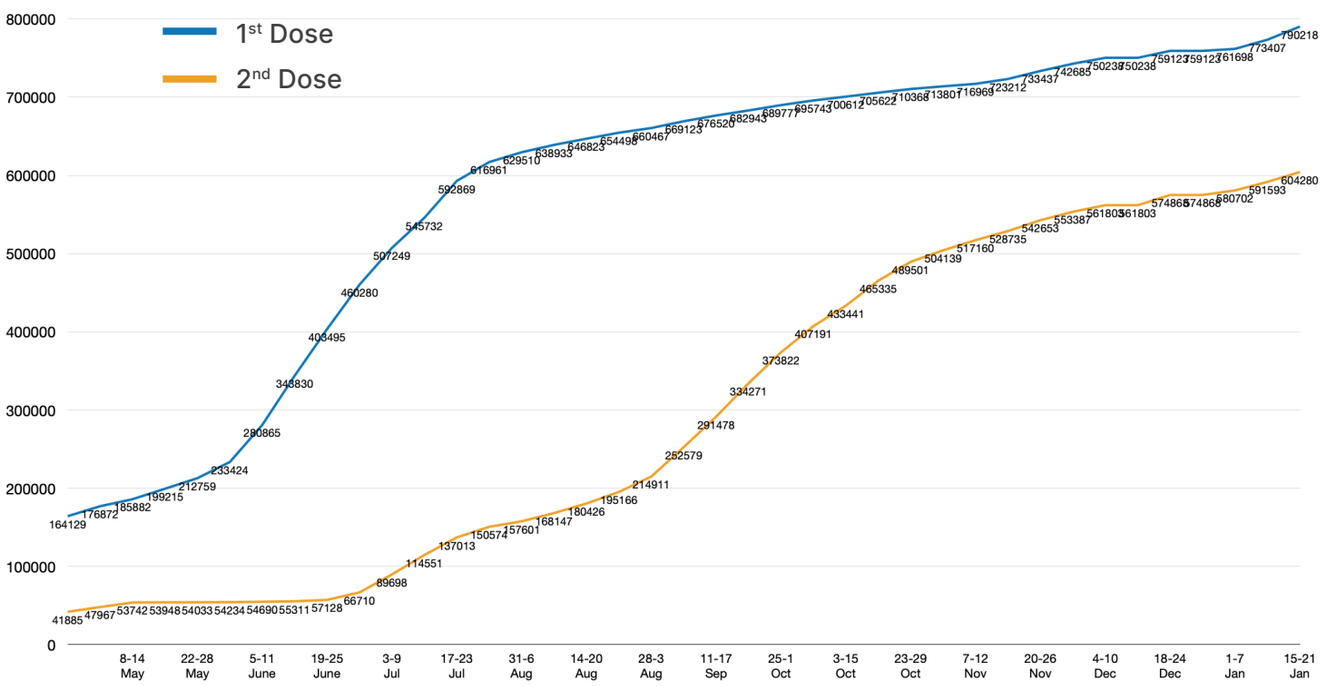
NB: Target for vaccination has been changed from census to Electoral Roll (ECI)

(18yrs+ beneficiaries excluding precautionary dose)

District	Total doses administered	Coverage of eligible beneficiaries		Precautionary/ 3rd Dose
		1st Dose	2nd Dose	
Dimapur	533652	135 %	104 %	3972
Kohima	210918	71 %	60 %	1534
Longleng	39230	60 %	46 %	367
Mokokchung	137393	53 %	46 %	749
Mon	134234	49 %	37 %	252
Zunheboto	71892	46 %	30 %	409
Kiphire	31421	39 %	20 %	300
Peren	38944	39 %	27 %	354
Phek	65567	38 %	26 %	364
Wokha	64522	37 %	26 %	112
Tuensang	75456	34 %	24 %	318
State	14,03,229	63%	48%	8,731

**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 (18yrs+ beneficiaries excluding precautionary dose)



COVID-19 VACCINATION IN 15–18-YEAR AGE GROUP

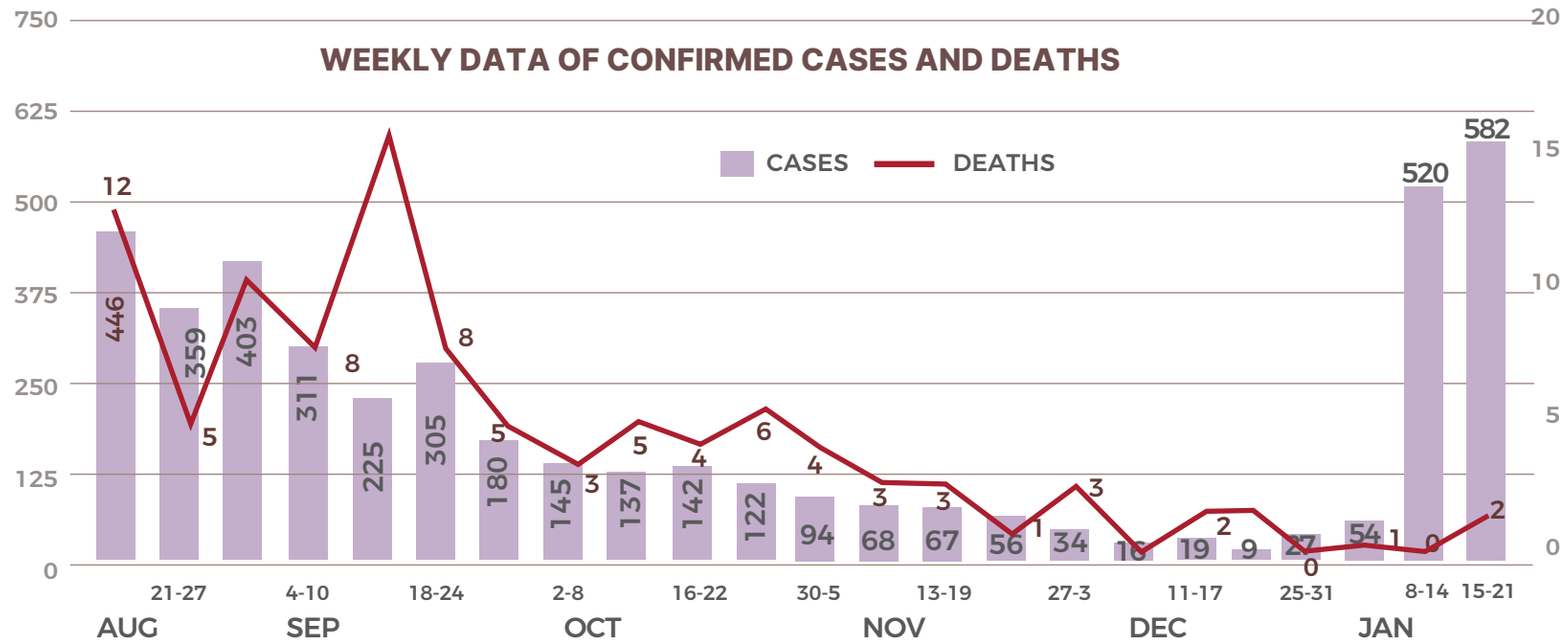
District	Total doses administered	District	Total doses administered
Dimapur	14,354	Phek	1,387
Kohima	7,665	Peren	1,164
Mokokchung	3,690	Zunheboto	1,154
Mon	3,458	Kiphire	932
Tuensang	2,117	Longleng	916
Wokha	1,624	State Total	38,461

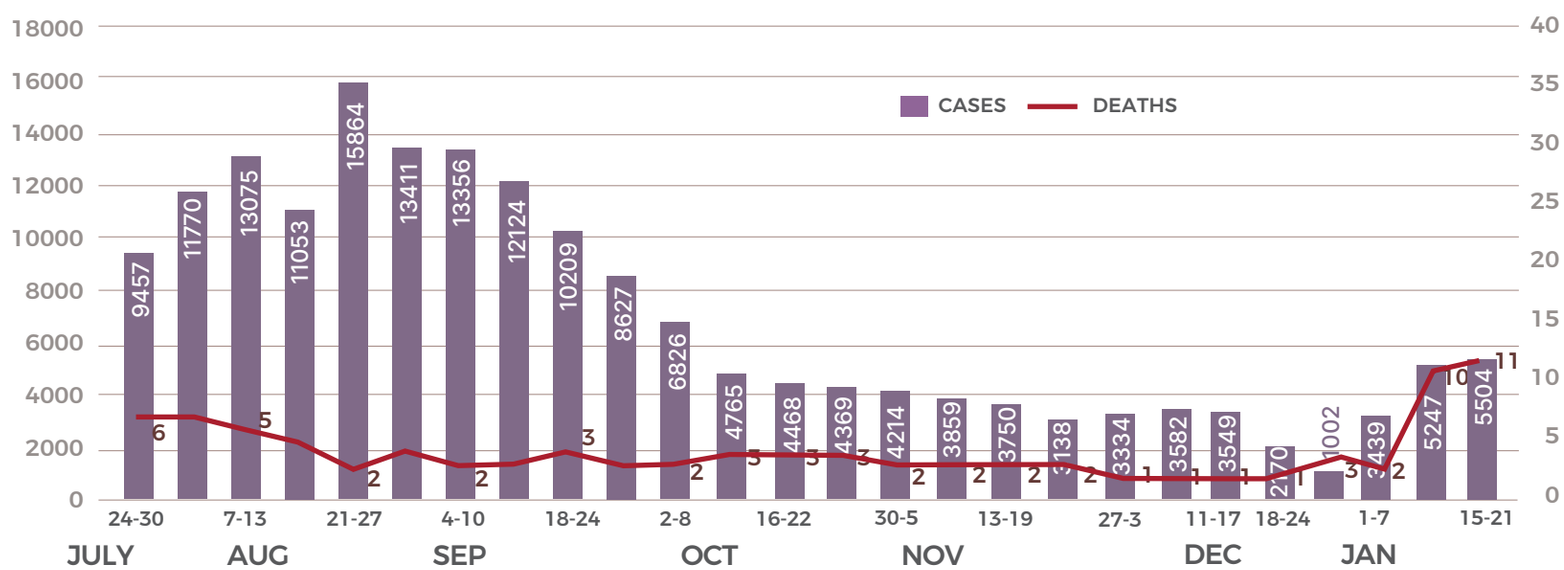
Vaccines are working very well against hospitalizations and deaths, but effectiveness decreases over time. Hence, 3rd dose is recommended for those at high risk- 60 plus elderly with comorbidities and healthcare/frontline workers after 9 months of 2nd dose.

DATA AS ON 21 JANUARY 2022

CONFIRMED CASES (weekly data)

582 confirmed cases this week





CONFIRMED CASES THIS WEEK

Category	Cases	%
Self- Test/ Random Test	391	67%
Travellers	139	24%
Traced contacts	27	5%
Frontline workers	15	3%
Security personnel	10	2%
TOTAL	582	100%

5,504 samples were tested the past week with a weekly positivity rate of 11%.

CONFIRMED COVID-19 CASES

Descriptive Epidemiology

Overall	33356
Median age of cases	33 years (range: 2 days- 106 years)
Case fatality rate (CFR)	2% (689/33357)
Cases with Comorbidity	2% (702/33357)
Cases with pregnancy	0.9% (104/11545)
Symptomatic Cases	12% (3992/33357)
Mild	55% (2202)
Moderate	19% (764)
Severe	26% (1026)
Total recovered	92% (30739/33357)

The cumulative positivity rate of COVID-19 in Nagaland is 7.6% with a CFR of 2%.

Median age of Covid cases is 33years (2 days -106 years).

About 2% have or had comorbid conditions.

0.9% have or had pregnancies.

12% have or had symptoms.

DISTRIBUTION OF CASES BY AGE-GROUP

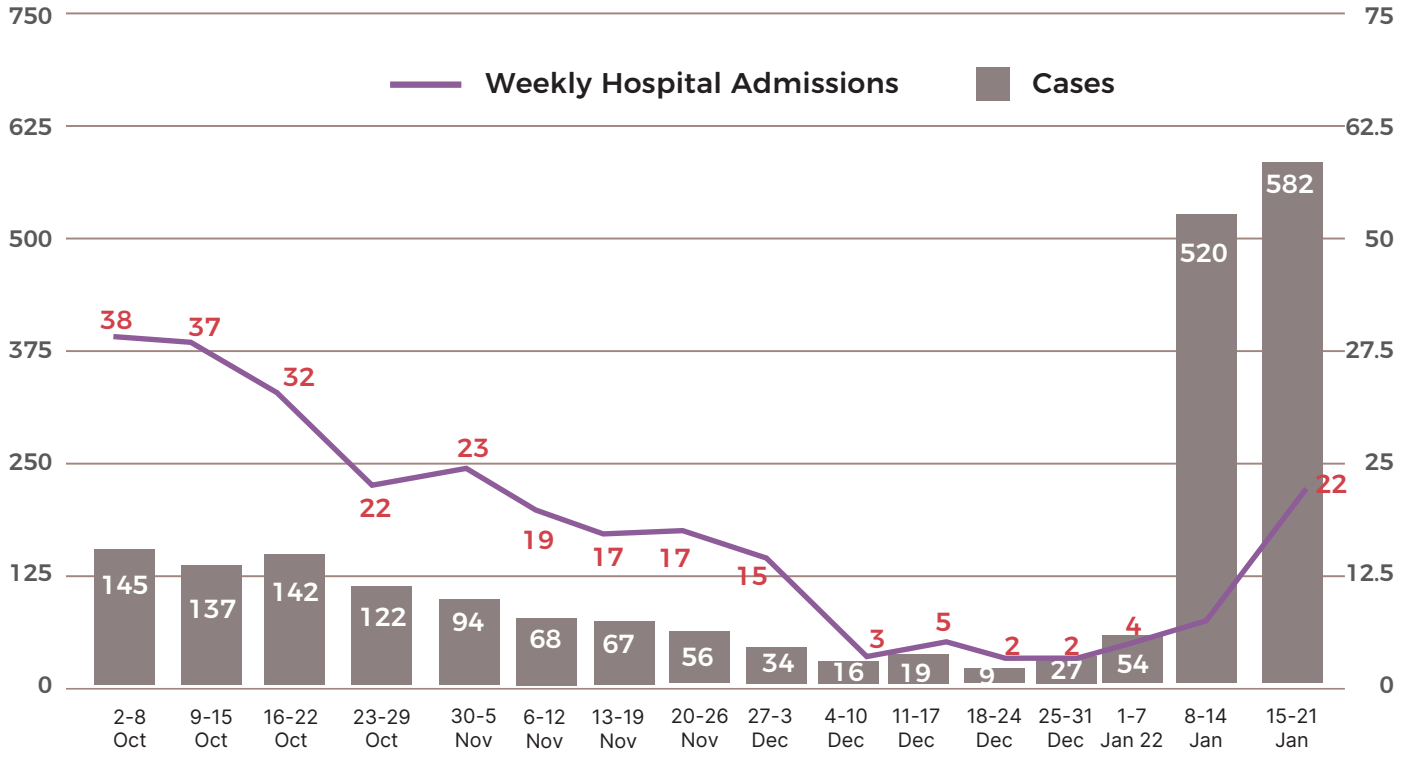
Age Group	2020		2021		2022	
	Cases	%	Cases	%	Cases	%
.02-1	25	0.2	93	0.5	5	0.4
1.1-5	146	1	286	1	13	0.3
6-15	445	4	1379	7	37	3
16-18	300	3	904	4	58	5
19-29	3447	29	5423	27	433	37
30-40	4642	39	5546	27	341	30
41-50	1750	15	3032	15	156	13
51-60	849	7	1962	10	83	7
61-70	210	2	956	5	21	2
71-106	114	1	693	3	19	2
TOTAL	11,927	100%	20,274	100%	1,156	100%

- The most affected age group in 2020 was 30-40 years at 39%
- In 2021, age groups 19-29 years and 30-40 years were most affected at equal 27%
- In 2022, most affected age group is 19-29 years at 37%.
- Majority of the cases 78% in 2020, 59% in 2021 and 55% in 2022 were males.

DISTRIBUTION OF CASES BY SYMPTOMS IN NAGALAND

Age Group	2020		2021		2022	
	Cases	%	Cases	%	Cases	%
Mild	326	56	1801	54	75	75
Moderate	122	21	630	19	12	12
Severe	137	23	883	27	6	6
TOTAL	585	100%	3,314	100%	93	100%

WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES



DATA AS ON 21 JANUARY 2022

COVID DEATHS IN THE STATE

2 deaths reported this week

DISTRIBUTION OF COVID-19 DEATHS BY AGE GROUP

Age Group	2020		2021		2022	
	Deaths	%	Deaths	%	Deaths	%
0.09-1	0	0	2	0.3	0	0
1.1-15	0	0	1	0.2	0	0
16-20	0	0	3	0.5	0	0
21-30	6	8	30	5	0	0
31-45	19	26	146	24	0	0
46-60	19	26	191	31	1	33
61-75	17	24	164	27	0	0
76-104	11	15	77	12	2	67
TOTAL	72	100%	614	100%	3	100%

DISTRIBUTION OF COVID-19 DEATHS BY GENDER

Gender	2020		2021		2022	
	Deaths	%	Deaths	%	Deaths	%
Female	20	28	186	30	1	33
Male	52	72	428	70	2	67
TOTAL	72	100%	614	100%	3	100%

COMORBID STATUS AMONG COVID-19 DEATHS BY AGE GROUP

Age Group	Comorbidity	No Comorbidity	Not Known
	% (n) N=689		
0.09-1	0.1 (1)	0	0.1(1)
1.1-15	0.1 (1)	0	0
16-20	0.1 (1)	0.3 (2)	0
21-30	2 (19)	2 (17)	0
31-45	11 (78)	11 (70)	2 (17)
46-60	19 (132)	3 (21)	9 (58)
61-75	19 (130)	1 (10)	6 (41)
76-104	9 (62)	1 (9)	3 (19)
TOTAL	62 (424)	19 (129)	20 (136)

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	20-26 NOV	27-3 DEC	4-10 DEC	11-17 DEC	18-24 DEC	25-31 DEC	1-7 JAN	8-14 JAN	15-21 JAN
Dimapur	2.9	1.3	0.7	0.5	0.4	5.8	2.0	13.9	12.8
Kohima	0.8	0.6	0.4	0.6	0.5	0	0.8	4.8	11.8
Tuensang	0.0	1.1	0.0	0	0.0	0	1.6	11.8	0.0
Mokokchung	1.5	2.8	0.0	1.1	1.8	0	0.5	1.4	2.5
Phek	0.0	0.0	0.0	0	0.0	0	0	0.0	0.0
Zunheboto	0.0	0.0	0.0	8.3	0.0	0	0	0.0	0.0
Mon	0.0	0.0	0.0	0	0.0	0	0	0.5	1.0
Longleng	0.0	0.0	0.0	0	0.0	0	0	0.0	0.0
Wokha	2.8	0.0	0.0	0	0.0	0	0	0.0	3.4
Kiphire	2.6	0.6	.0.0	0	0.0	0	0	0.0	0.7
Peren	0.0	0.0	0.0	0	0.0	0	0	1.7	10.6
State Total	1.8	1.0	0.4	0.5	0.4	2.7	1.6	9.9	10.6

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(15-21 JANUARY 2022)

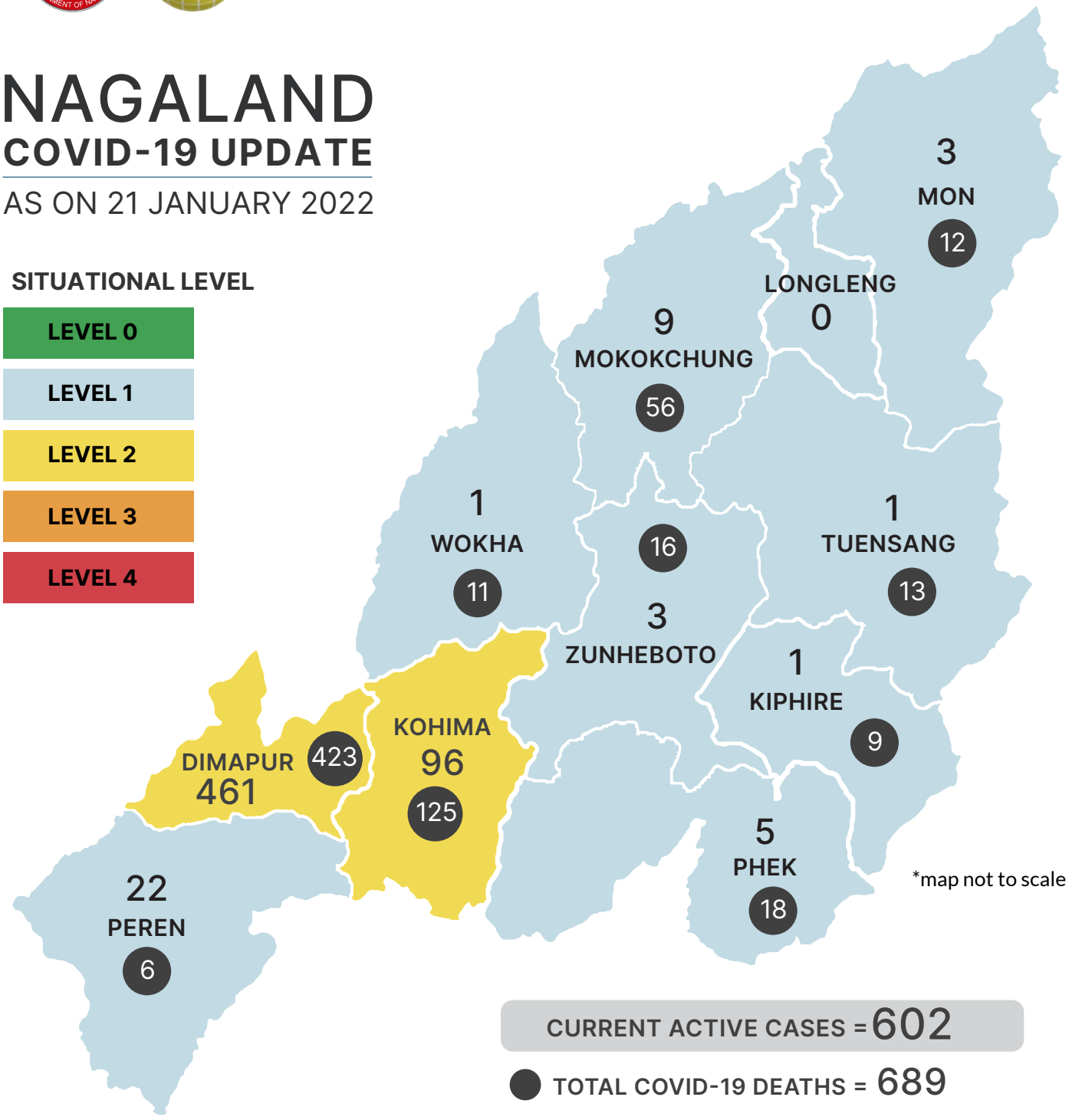
District	Situational Level	Active Cases as on 21 JAN 2022	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 21 JAN 2022	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	2	461	447	0.41	423	2	14	0%	3481	12.8%
Kohima	2	96	88	0.13	125	0	8	4%	747	11.8%
Peren	1	22	24	0.37	6	0	0	0%	226	10.6%
Mokokchung	1	9	8	0.05	56	0	0	0%	318	2.5%
Phek	1	5	5	0.12	18	0	0	0%	79	0.0%
Mon	1	3	3	0.04	12	0	0	0%	303	1.0%
Zunheboto	1	3	3	0.07	16	0	0	0%	11	0.0%
Kiphire	1	1	1	0.05	9	0	0	0%	146	0.7%
Tuensang	1	1	0	0	13	0	0	0%	94	0.0%
Wokha	1	1	3	0.1	11	0	0	0%	87	3.4%
Longleng	1	0	0	0	0	0	0	0%	12	0.0%
TOTAL	1	602	582	0.25	689	2	22	1.0%	5504	10.6%

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

NAGALAND
COVID-19 UPDATE
AS ON 21 JANUARY 2022

SITUATIONAL LEVEL

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



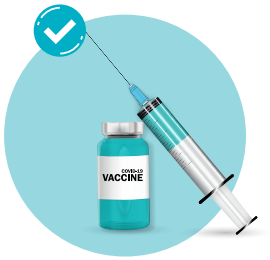
*map not to scale

CURRENT ACTIVE CASES = 602

TOTAL COVID-19 DEATHS = 689

*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!



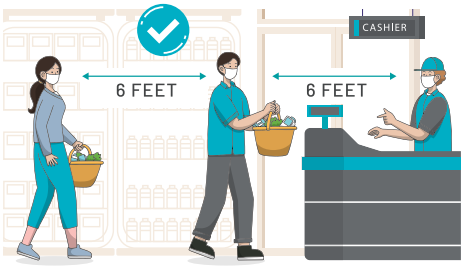
GET VACCINATED



WEAR MASK



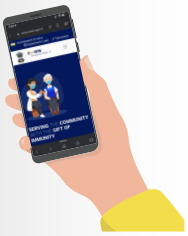
WASH HANDS



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
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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