ISSUE NO.82 | 29 JANUARY 2022

COVID-19
WEEKLY BULLETIN

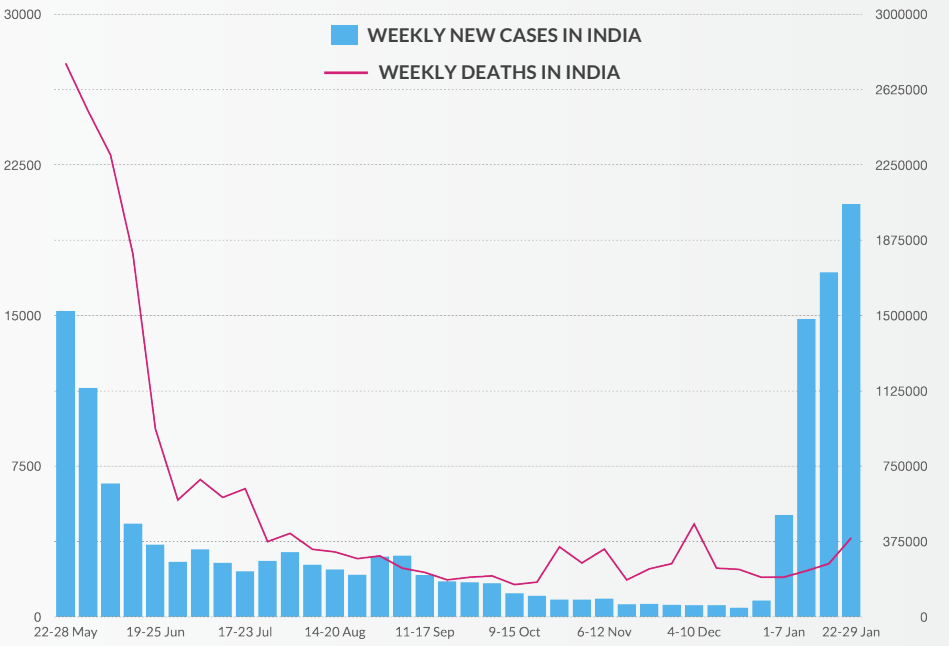
DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

National update

Cases and deaths continue to increase for the fourth week driven by the Omicron VOC.

20.56 lakh cases were reported from the week with a weekly sample positivity rate of 17.47 %

3,931 COVID-19 deaths were recorded from the week taking the total covid-19 deaths to 4.92 lakhs.



Global Epidemiological Update

Global cases and deaths continue to increase although hospital admissions and deaths are lesser compared to the previous waves. *"Epidemiological trends continue to show a decoupling between case incidence, hospital admissions and deaths in most countries, when compared to epidemic waves due to previous variants. This is likely due to a combination of the lower intrinsic severity of the Omicron variant (including increased likelihood of replication in the upper respiratory tract rather than the lungs), and preservation of protection against severe disease following vaccination."* - WHO

In the past week:

- World: 2,36,47,532 cases and 61,294 deaths.
- India: 20,56,682 cases and 3,931 deaths.
- Nagaland: 832 cases and 7 deaths.

Global | National | State As on 28 Jan 2022

Variables	World	India	Nagaland
Confirmed cases	36,41,91,494	4,06,22,709	34,189
Deaths	56,31,457	4,92,327	696
Total Covid-19 vaccine doses given	9.85 billion	1.64 billion	14.64 lakhs

WEEKLY SUMMARY

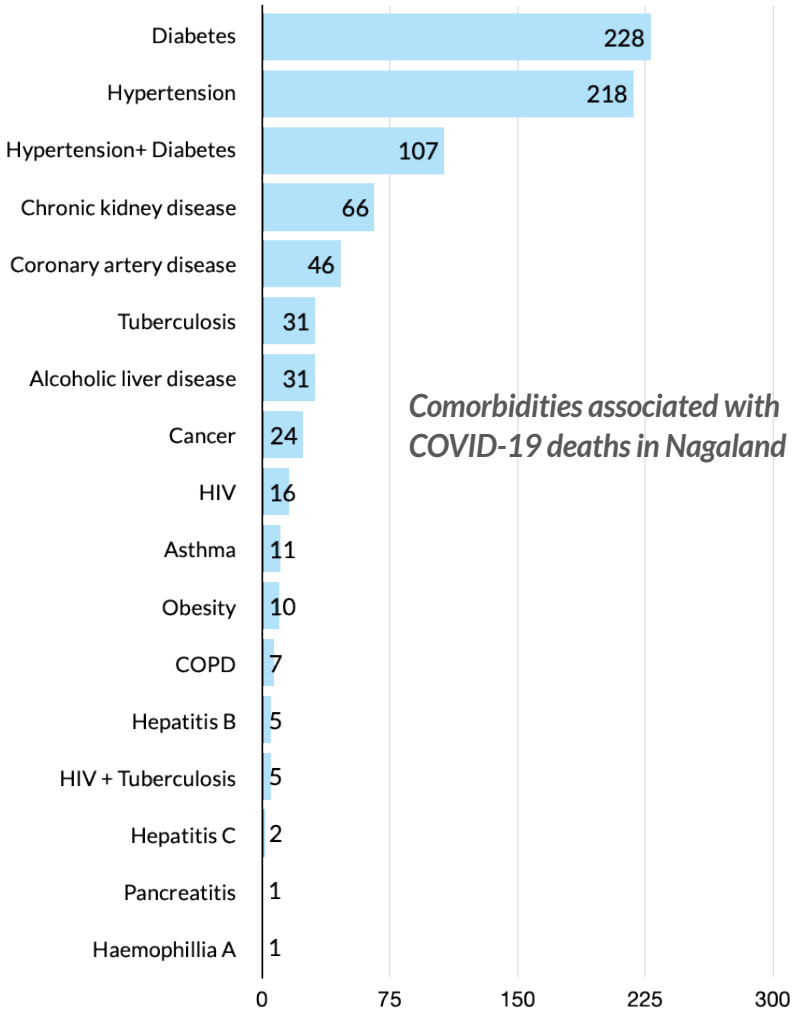
- A total of **832 cases were reported this week** with a 43% increase from previous week. Dimapur reported 72% of all cases. Many cases remain unreported from self-tests at home. Those with symptoms (fever, cold like/flu like symptoms etc) should be considered COVID-19 positive unless tested negative at this stage of community transmission.
- **Weekly sample positivity rate increased from 11% to 19%**. Tuensang (25%), Dimapur(23.2%), wokha (21.2%), Kohima (15.2%), Mokokchung (11.4%) and Peren (11.8%) recorded weekly sample positivity rate of more than 10%.
- **7 COVID-19 deaths** were reported from the week (Dimapur:6, Mokokchung:1). From January 2022, 10 deaths have been reported and 8 out of 10 were found to have existing comorbidities. This **calls for urgent vaccination of 'at-risk' groups and booster dose if eligible.**
- 50 admissions were recorded from COVID-19 hospitals compared to 22 the previous week. This is **a 127% increase in new hospital admissions**. As of yesterday, 13 patients were classified under severe/moderate category from covid19 hospitals.
- 14.64 lakh doses of covid-19 vaccine have been administered across the state including 44,642 teenagers between 15-18 years. 11,410 precautionary doses have also been administered for HCW, FLW and those under 'at-risk' category.

ADVISORY FOR AT RISK CATEGORY

Anyone with the following diseases/ comorbidities and elderly (>60 years) are at increased risk of severe disease and is placed under "at-risk" category.

'At-risk 'group should adopt the following preventive measures to avoid hospitalisation or death.

- **Unvaccinated should get their first dose** at the earliest
- Those **due for second dose** should get fully vaccinated at the earliest.
- Those who have **completed 9 months after the second dose** should avail the third/- booster dose.
- **Avoid exposure** to the extent possible **by avoiding crowded places.**
- **Test if symptoms develop** or is a contact of a confirmed case.
- Positive 'at-risk' groups **will need constant clinical monitoring** by surveillance teams and should be reported once tested positive.



Comorbidities associated with COVID-19 deaths in Nagaland

**One patient can have multiple comorbidities*

(SOURCE: UIP, DHFW)

COVID-19 VACCINATION

14.64 lakh doses administered across the state

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

(18yrs+ beneficiaries)

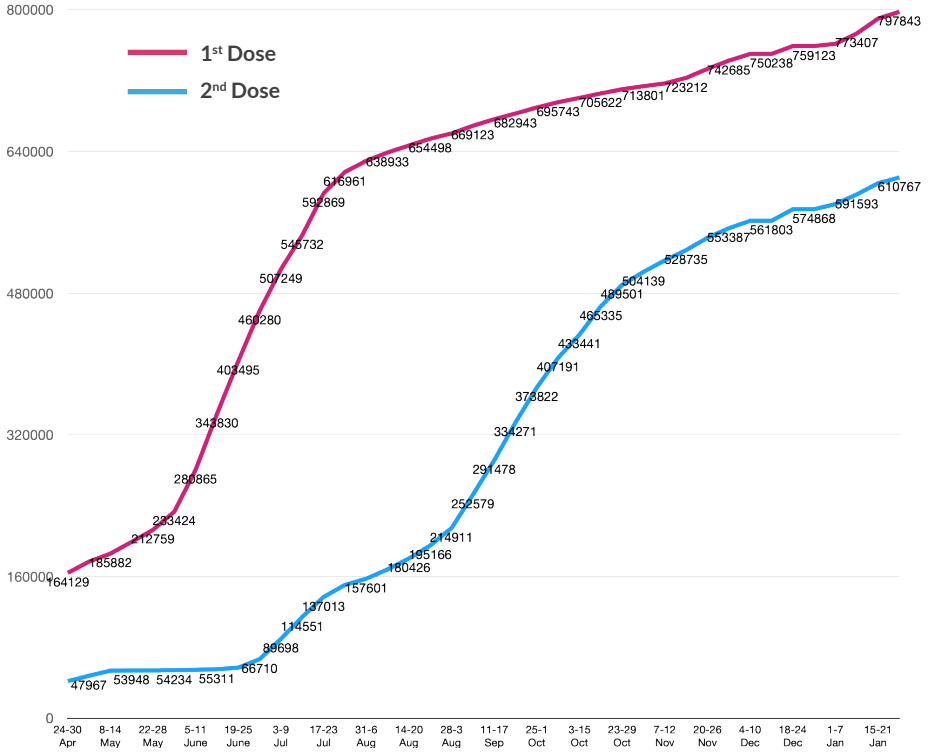
DISTRICT	TOTAL DOSES ADMINISTERED	COVERAGE OF ELIGIBLE BENEFICIARIES		PRECAUTIONARY/ 3RD DOSE
		1st Dose	2nd Dose	
Dimapur	5,39,184	136 %	105 %	4658
Kohima	2,12,491	72 %	60 %	2146
Longleng	39,696	61 %	47 %	396
Mokokchung	1,39,232	54 %	46 %	1240
Mon	1,36,559	49 %	38 %	493
Zunheboto	73,012	46 %	31 %	433
Kiphire	31,590	39 %	20 %	328
Peren	39,694	39 %	28 %	492
Phek	66,756	39 %	27 %	523
Wokha	65,422	37 %	26 %	124
Tuensang	76,384	34 %	25 %	577
State	14,20,020	64%	49%	11,410

**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.*

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

CUMULATIVE BENEFICIARIES

(18yrs+ beneficiaries excluding precautionary dose)



COVID-19 VACCINATION 15–18-YEAR AGE GROUP

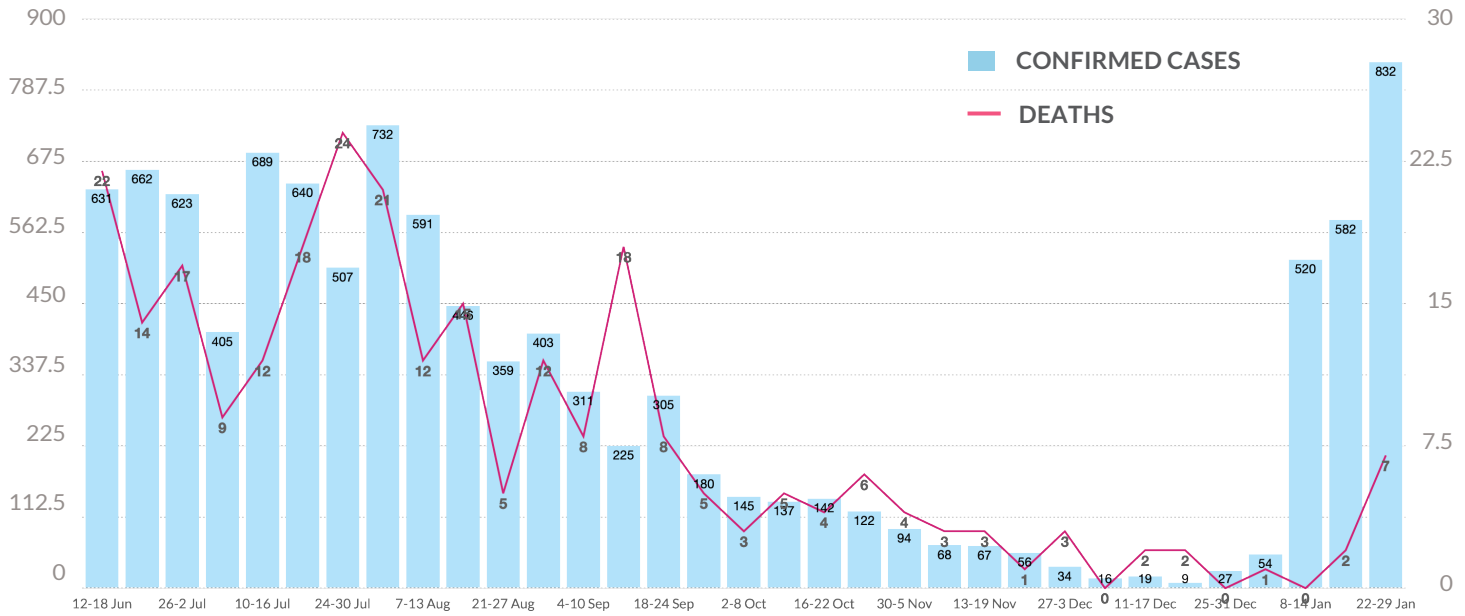
District	Total doses administered
Dimapur	15,347
Kohima	8,027
Mon	4,989
Mokokchung	4,180
Tuensang	2,582
Wokha	1,971
Phek	1,869
Zunheboto	1,793
Longleng	1,507
Peren	1,354
Kiphire	1,023
State Total	44,642

DATA AS ON 28 JANUARY 2022

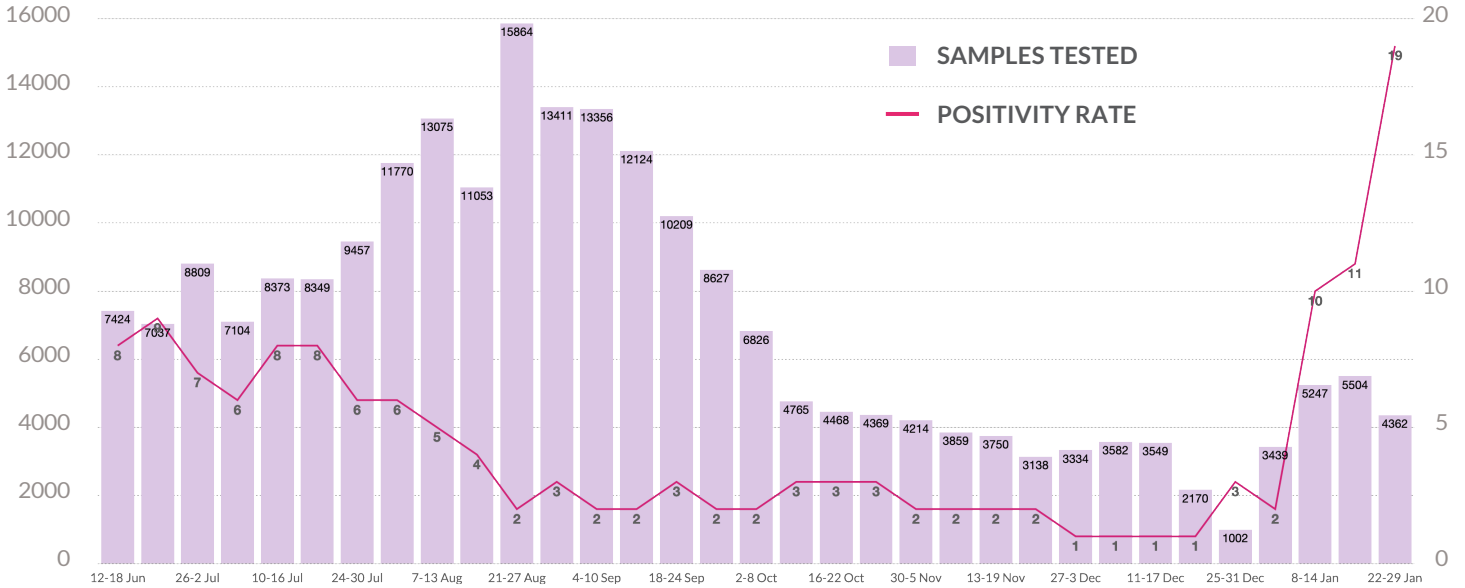
CONFIRMED CASES (WEEKLY DATA)

832 confirmed cases this week

WEEKLY DATA OF CONFIRMED CASES & DEATHS



WEEKLY SAMPLES TESTED & SAMPLE POSITIVITY RATE



CONFIRMED CASES THIS WEEK

CATEGORY	CASES	%
Self-Test/ Random Test	561	67%
Travellers	115	14%
Traced contacts	81	10%
Frontline workers	51	6%
Security/Armed forces	24	3%
TOTAL	832	100%

4,362 samples were tested the past week with a weekly positivity rate of 19%.

DESCRIPTIVE EPIDEMIOLOGY

Confirmed covid-19 Cases

Overall	34189 (No. of samples tested: 441324)
Median age of cases	33 years (range: 2 days- 106 years)
Case fatality rate (CFR)	2 % (696/34189)
Cases with Comorbidity	2% (724/34189)
Cases with pregnancy	1% (120/11979)
Symptomatic Cases	12% (4113/34189)
Mild	55% (2304)
Moderate	19% (775)
Severe	26% (1034)
Total recovered	91% (31193/34189)

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

About 2% (724/34189) have or had comorbid conditions

1% (120/11979) have or had pregnancies

12% (4113/34189) 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	11	0.6
1.1-5	146	1	286	1	8	0.4
6-15	445	4	1379	7	59	3
16-18	300	3	904	4	109	5
19-29	3447	29	5423	27	744	37
30-40	4642	39	5546	27	554	28
41-50	1750	15	3032	15	247	12
51-60	849	7	1962	10	145	7
61-70	210	2	956	5	62	3
71-106	114	1	693	3	49	2
TOTAL	11,927	100%	20,274	100%	1,988	100%

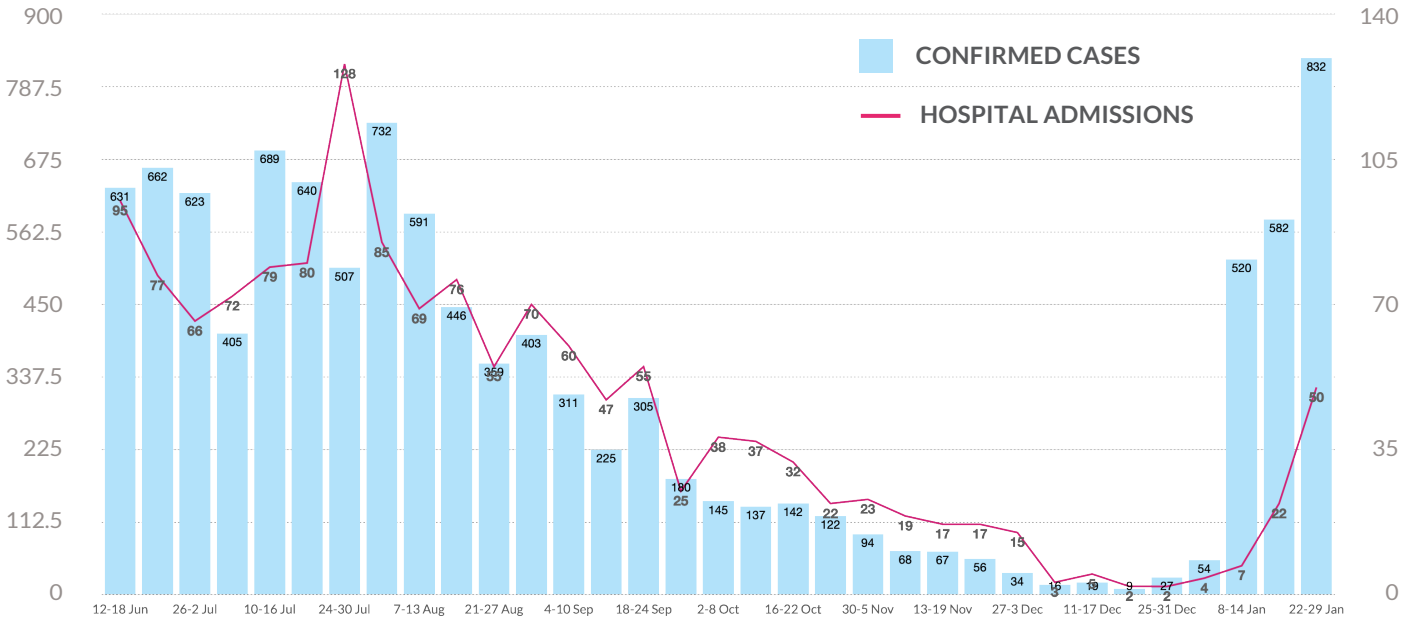
DISTRIBUTION OF COVID-19 CASES BY GENDER

Gender	2020		2021		2022	
	Cases	%	Cases	%	Cases	%
Male	9,292	78	11,887	59	1,031	52
Female	2,635	22	8,387	41	957	48
TOTAL	11,927	100%	20,274	100%	1,988	100%

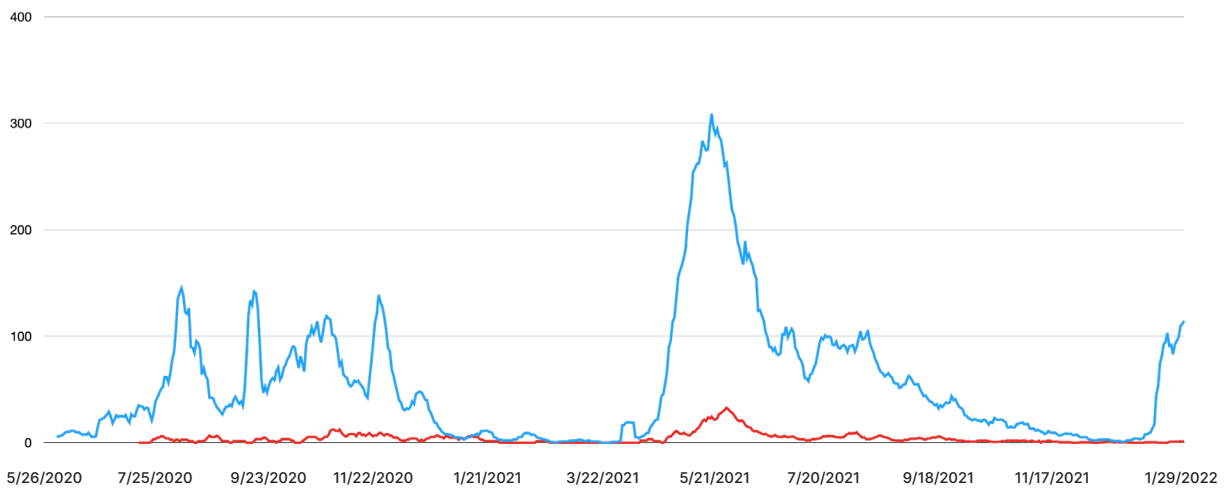
GENERAL CATEGORIZATION OF CONFIRMED CASES BY YEAR

Age Group	2020	2021	2022 (till date)
	%	%	%
Armed/Security Force	38%	4%	2%
Frontline workers	5%	3%	3%
Returnees/Travellers	16%	8%	29%
Self/Random Test	9%	54%	59%
Traced Contacts	32%	31%	7%
TOTAL	100%	100%	100%

WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES



DAILY COVID-19 CASE INCREASE WITH 7 DAY MOVING AVERAGE



DATA AS ON 28 JANUARY 2022

COVID DEATHS IN THE STATE

7 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	1	10
16-20	0	0	3	0.5	0	0
21-30	6	8	30	5	0	0
31-45	19	26	146	24	3	30
46-60	19	26	191	31	3	30
61-75	17	24	164	27	1	10
76-104	11	15	77	12	2	20
TOTAL	72	100%	614	100%	10	100%

DISTRIBUTION OF COVID-19 DEATHS BY GENDER

Gender	2020		2021		2022	
	Deaths	%	Deaths	%	Deaths	%
Female	20	28	186	30	4	40
Male	52	72	428	70	6	60
TOTAL	72	100%	614	100%	10	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)

DATA AS ON 28 JANUARY 2022

DISTRICT DATA

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	27-3 DEC	4-10 DEC	11-17 DEC	18-24 DEC	25-31 DEC	1-7 JAN	8-14 JAN	15-21 JAN	22-28 JAN
Dimapur	1.3	0.7	0.5	0.4	5.8	2.0	13.9	12.8	23.2
Kohima	0.6	0.4	0.6	0.5	0	0.8	4.8	11.8	15
Tuensang	1.1	0.0	0	0.0	0	1.6	11.8	0.0	25
Mokokchung	2.8	0.0	1.1	1.8	0	0.5	1.4	2.5	11.4
Phek	0.0	0.0	0	0.0	0	0	0.0	0.0	0
Zunheboto	0.0	0.0	8.3	0.0	0	0	0.0	0.0	0
Mon	0.0	0.0	0	0.0	0	0	0.5	1.0	1.8
Longleng	0.0	0.0	0	0.0	0	0	0.0	0.0	0.0
Wokha	0.0	0.0	0	0.0	0	0	0.0	3.4	21.2
Kiphire	0.6	.0.0	0	0.0	0	0	0.0	0.7	2.7
Peren	0.0	0.0	0	0.0	0	0	1.7	10.6	11.8
State Total	1.0	0.4	0.5	0.4	2.7	1.6	9.9	10.6	19.1

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(22-28 JANUARY 2022)

District	Situational Level	Active Cases as on 28 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 28 JAN 2022	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	2	640	602	0.53	429	6	28	2%	2595	23.2%
Kohima	2	130	106	0.16	125	0	19	4%	696	15.2%
Mokokchung	2	34	35	0.21	57	1	3	0%	307	11.4%
Tuensang	2	29	29	0.37	13	0	0	0%	116	25.0%
Wokha	2	25	25	0.85	11	0	0	0%	118	21.2%
Peren	2	18	18	0.27	6	0	0	0%	153	11.8%
Phek	1	9	7	0.16	18	0	0	0%	56	0.0%
Mon	1	6	3	0.04	12	0	0	0%	169	1.8%
Kiphire	1	4	3	0.16	9	0	0	0%	111	2.7%
Zunheboto	1	4	1	0.02	16	0	0	0%	1	0.0%
Longleng	1	3	3	0.14	0	0	0	0%	40	0.0%
State Total	1	902	832	0.35	696	7	50	2%	4362	19.1%

DATA AS ON 28 JANUARY 2022

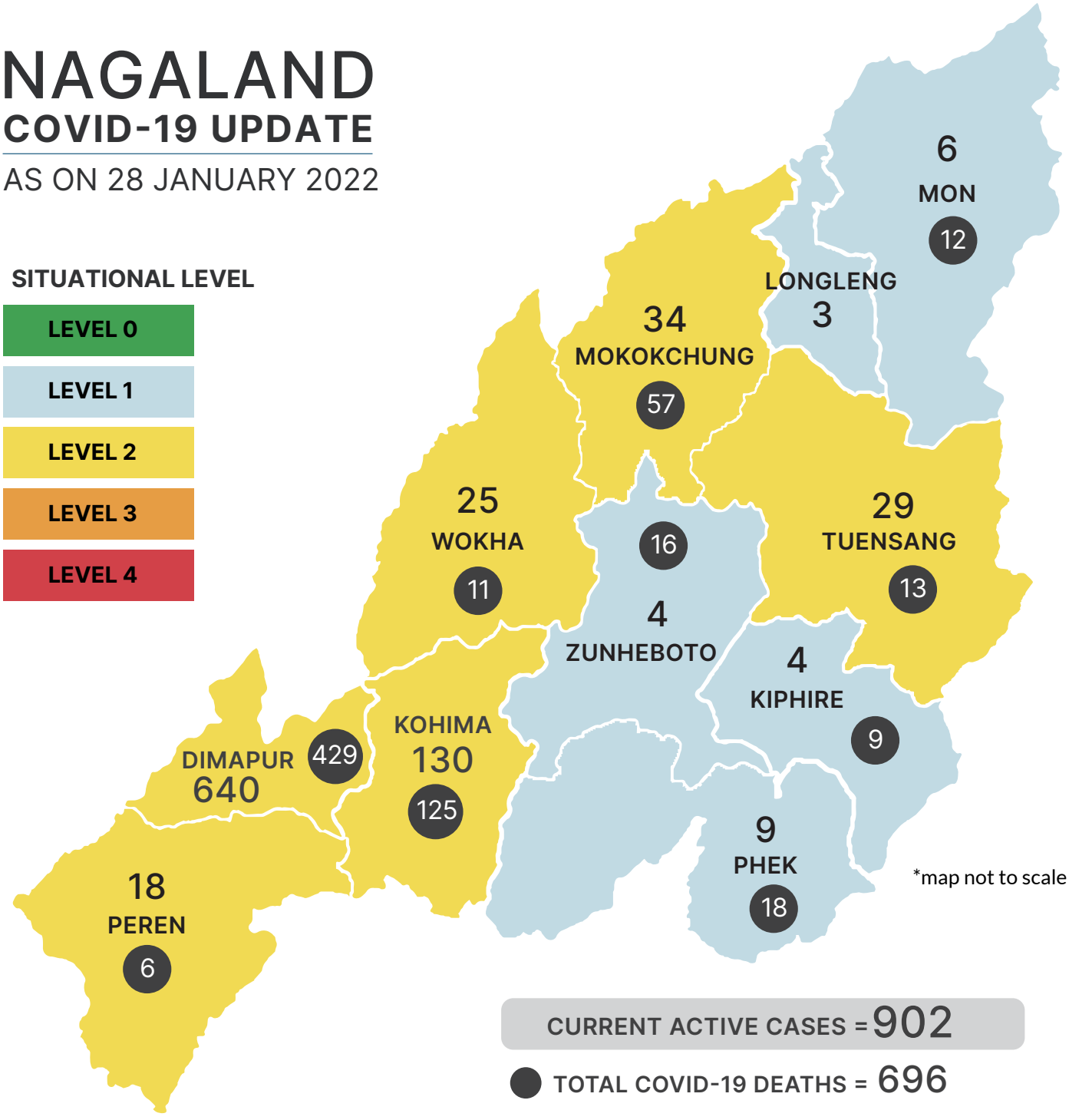
DISTRICT DATA

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

NAGALAND
COVID-19 UPDATE
AS ON 28 JANUARY 2022

SITUATIONAL LEVEL

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



*map not to scale

CURRENT ACTIVE CASES = 902

TOTAL COVID-19 DEATHS = 696

*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!



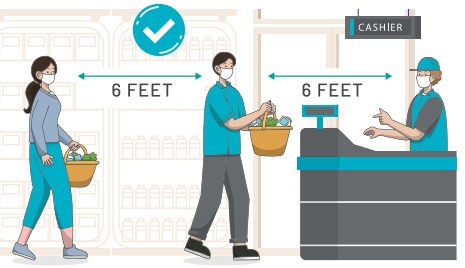
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

for all citizens 15 years and above



REGISTRATION

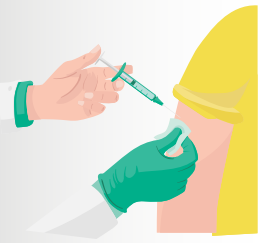
at vaccination center
or online at
WWW.COWIN.GOV.IN

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

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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