ISSUE NO.72 | 20 NOVEMBER 2021

COVID-19
WEEKLY BULLETIN

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

Global Epidemiological Update

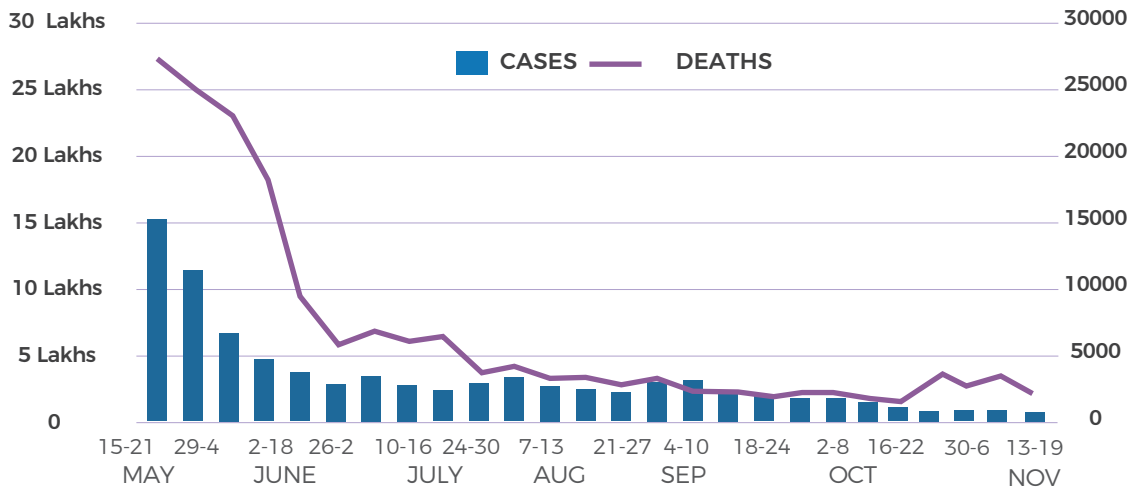
The last 4 weeks have shown an increase in new cases with European region reporting the maximum number of cases. Many countries are already into the fourth wave as hospitalizations and deaths increase mostly among the unvaccinated. Countries like Germany, Austria, Singapore have started partial lockdowns for the unvaccinated.

National update

63,587 cases and 1,837 deaths were reported from the week with a weekly sample positivity rate of 0.94%. More than 115 crore doses of COVID-19 have been administered.

Highest Active Cases in the country:

Kerala***	62920
Maharashtra	15383
Tamil Nadu	9078
West Bengal	8072
Karnataka	7378
Mizoram	5269
Telangana	3694
Assam	3142
Andhra P	2560
Odisha	2318



WEEKLY SUMMARY

- Mokokchung reported a weekly sample positivity rate of 8.1% due to a superspreader event at a children's home where 16 were tested positive.
- 67 new cases from 3,750 samples were reported along with 3 COVID-19 deaths. In the last 5 weeks, the state recorded an average of 4.4 COVID-19 deaths weekly.
- 17 new admissions in COVID-19 hospitals were reported.
- 12.51 lakh COVID-19 vaccine doses have been administered in the state. **87% of COVID-19 deaths are UNVACCINATED.** Fully vaccinated deaths constitute only 1.5% of all COVID-19 deaths in the second wave.
- The weekly sample positivity rate is 1.8% and has remained below 5% for the last 14 weeks.
- 1,02,450 beneficiaries are over-due for the second dose. Full protection by the vaccine will only be effective two weeks after the second dose and is critical for preventing hospitalization and death.

As on 19 NOV 2021

Global | National | State

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 vaccine doses given
World	25,53,24,963	51,27,696	2.01%	7.37 billion
India	3,44,89,623	4,65,082	1.35%	1.35 billion
Nagaland	32,040	679	2.12%	12.51 lakhs

In the past week:

World: 35,36,634 cases and 49,789 deaths.

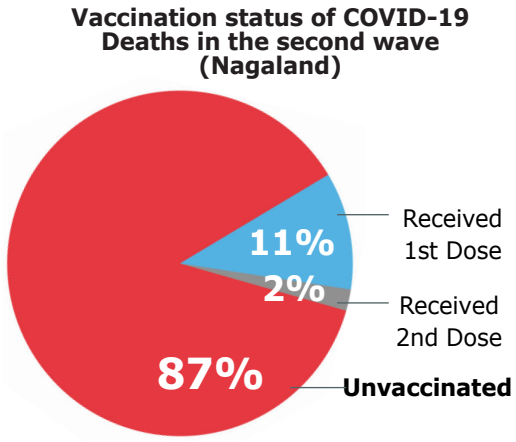
India: 63,587 cases and 1,837 deaths.

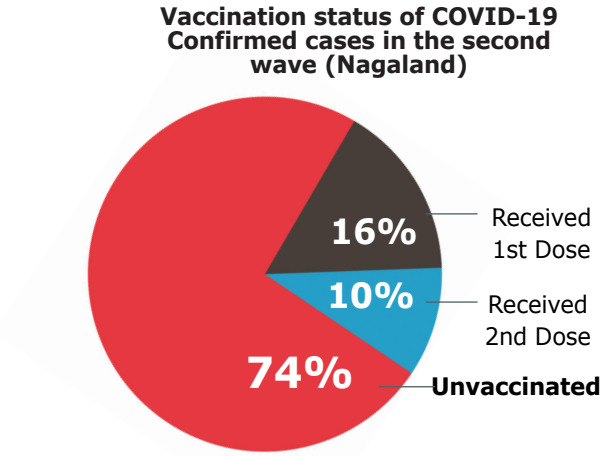
Nagaland: 67 cases and 3 deaths.

EFFECTIVENESS OF COVID-19 VACCINES IN PREVENTING DEATHS AND REDUCING TRANSMISSION

1 VACCINATION STATUS OF COVID-19 DEATHS IN THE SECOND WAVE

Out of 595 deaths in the second wave, 87% did not receive a 2nd dose. Only 1.5% of deaths were fully vaccinated.





2 POST COVID SEQUELAE / LONG COVID19

Post COVID or Long COVID19 is defined as, "Signs and symptoms that develop during or after an infection consistent with COVID-19 which continue for more than 12 weeks and are not explained by alternative diagnosis".

System	Common Sequelae /symptoms	DOs & DONTs
Cardiovascular	Chest pain (20%), palpitations (10%)	Healthy lifestyle, avoid intense cardiovascular exercise, visit doctor.
Gastrointestinal sequelae	Diarrhea, indigestion, Abdominal pain	Avoid self-medication, avoid junk food, consult doctor
Nephrological (Kidney)	Fatigue, frequent urination at night, headache, swelling in legs, difficulty in breathing, worsening of hypertension	Healthy lifestyle, adequate water, follow up with a doctor
Neurological sequelae (Nervous system)	Fatigue, changes in concentration and memory, headache, muscle weakness and myalgia, sleep disorders, impairment in smell and taste, epilepsy, stroke	Consult with medical personnel
Respiratory system	Shortness of breath, dry cough, and chest pain	Monitoring of symptoms, SPO2, consultation with doctors

3 VACCINES REDUCE POST COVID-19 SYMPTOMS

A study published in medRXiv (not peer reviewed) **Reduced Incidence of Long-COVID Symptoms Related to Administration of COVID-19 Vaccines Both Before COVID-19 Diagnosis and Up to 12 Weeks After** mentions,

"Patients who received at least one dose of any of the three COVID vaccines prior to their diagnosis with COVID-19 were 7-10 times less likely to report two or more long-COVID symptoms compared to unvaccinated patients"

(SOURCE: UIP, DHFW)

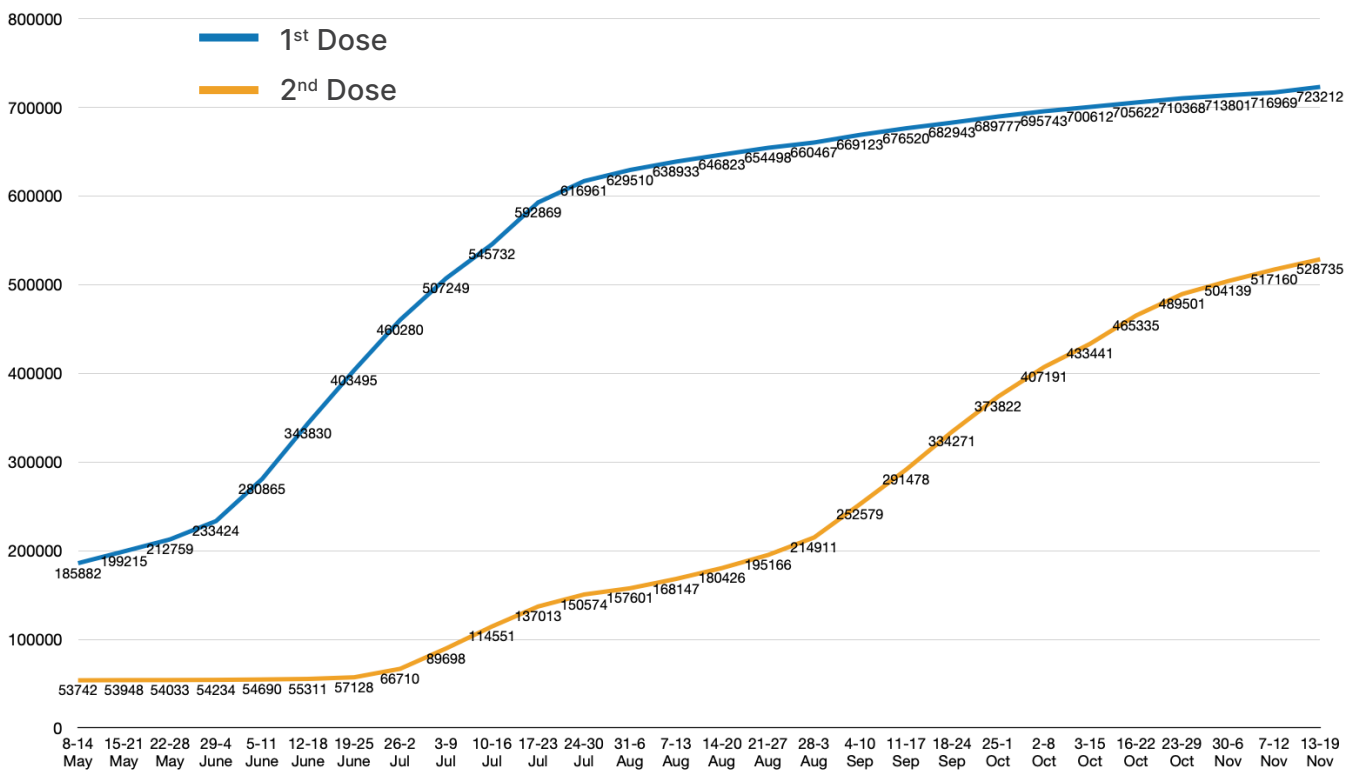
COVID-19 VACCINATION

12. 51 lakh doses administered across the state

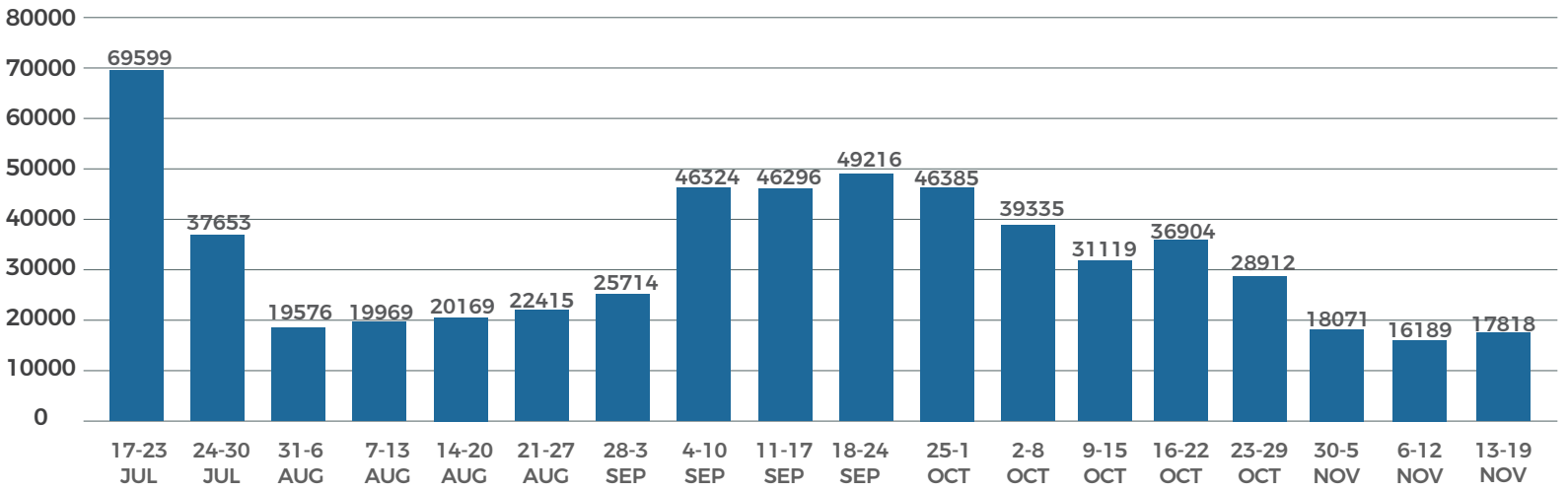
District	Total doses administered	Total Doses administered in the last 7 days	Coverage of eligible beneficiaries	
			1st Dose	2nd Dose
Dimapur	470139	7171	124 %	87 %
Kohima	196651	1840	68 %	55 %
Longleng	36387	78	57 %	43 %
Mokokchung	127998	1168	50 %	42 %
Mon	122325	1205	45 %	33 %
Zunheboto	62194	1136	41 %	25 %
Wokha	58994	403	34 %	24 %
Tuensang	65984	759	34 %	24 %
Peren	33322	589	34 %	23 %
Phek	54705	1527	32 %	22 %
Kiphire	23248	1942	27 %	17 %
State	12,51,947	17,818	59%	43%

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

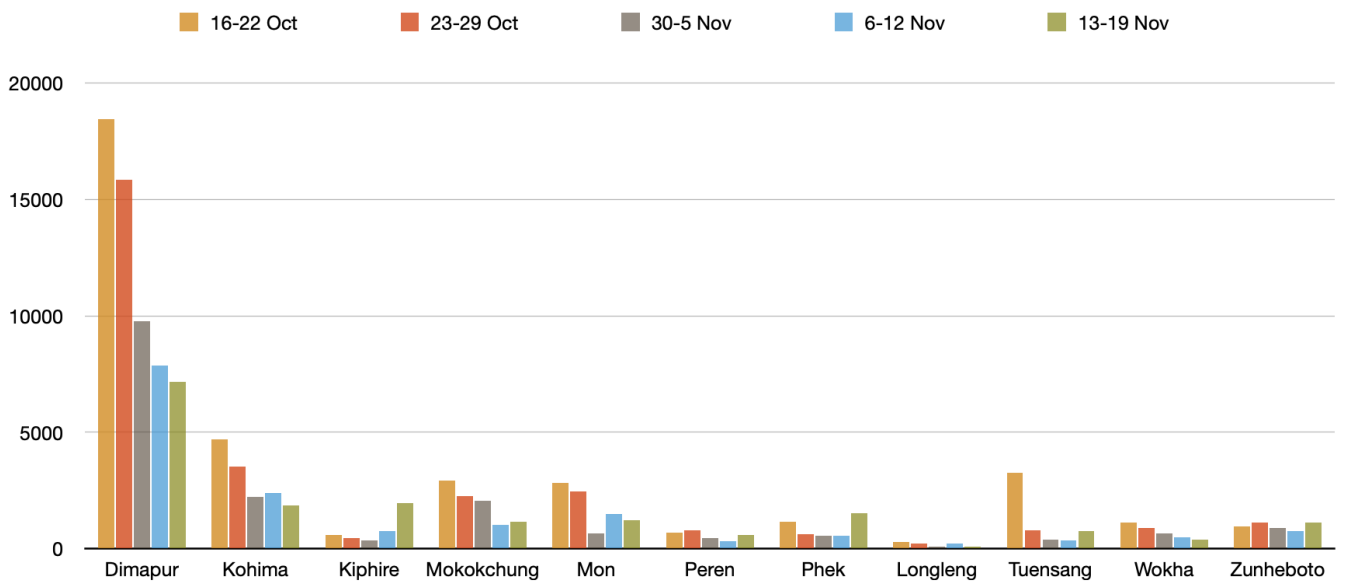
CUMULATIVE BENEFICIARIES



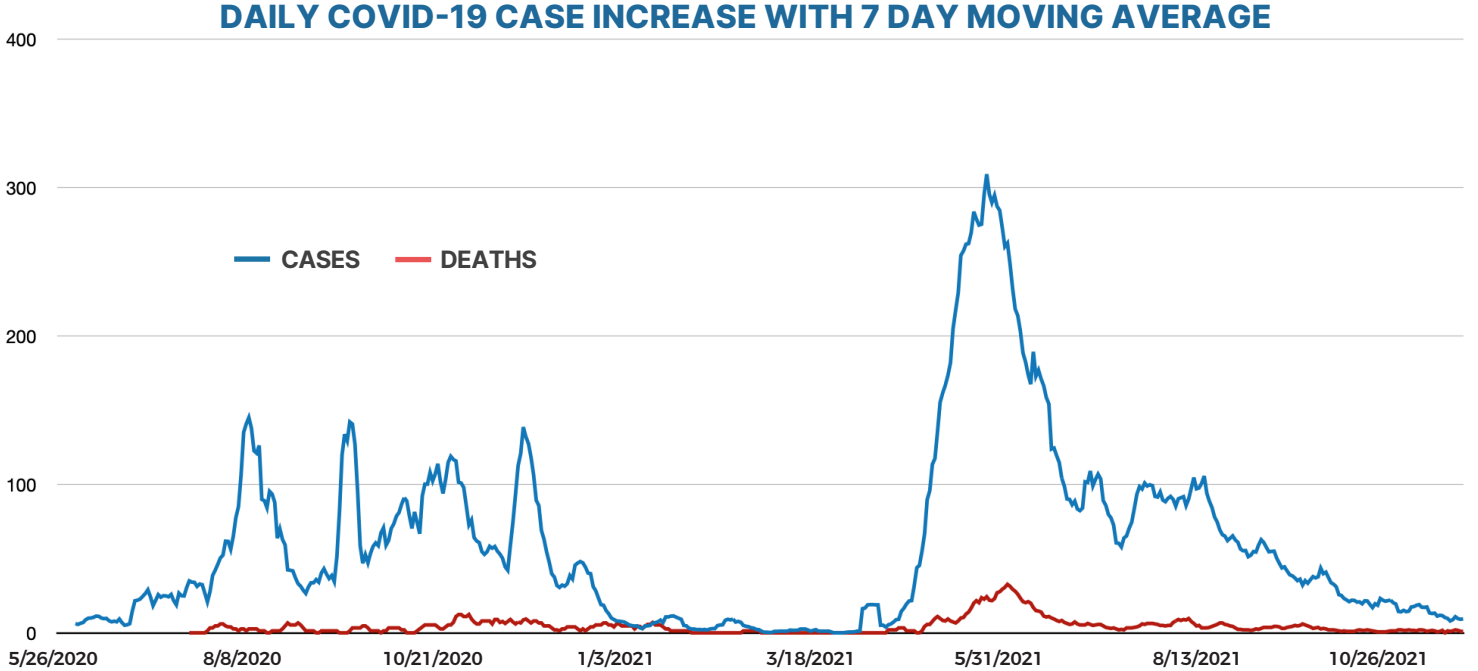
TOTAL WEEKLY VACINE DOSES ADMINISTERED



WEEKLY DOSES IN THE LAST 5 WEEKS



DAILY COVID-19 CASE INCREASE WITH 7 DAY MOVING AVERAGE

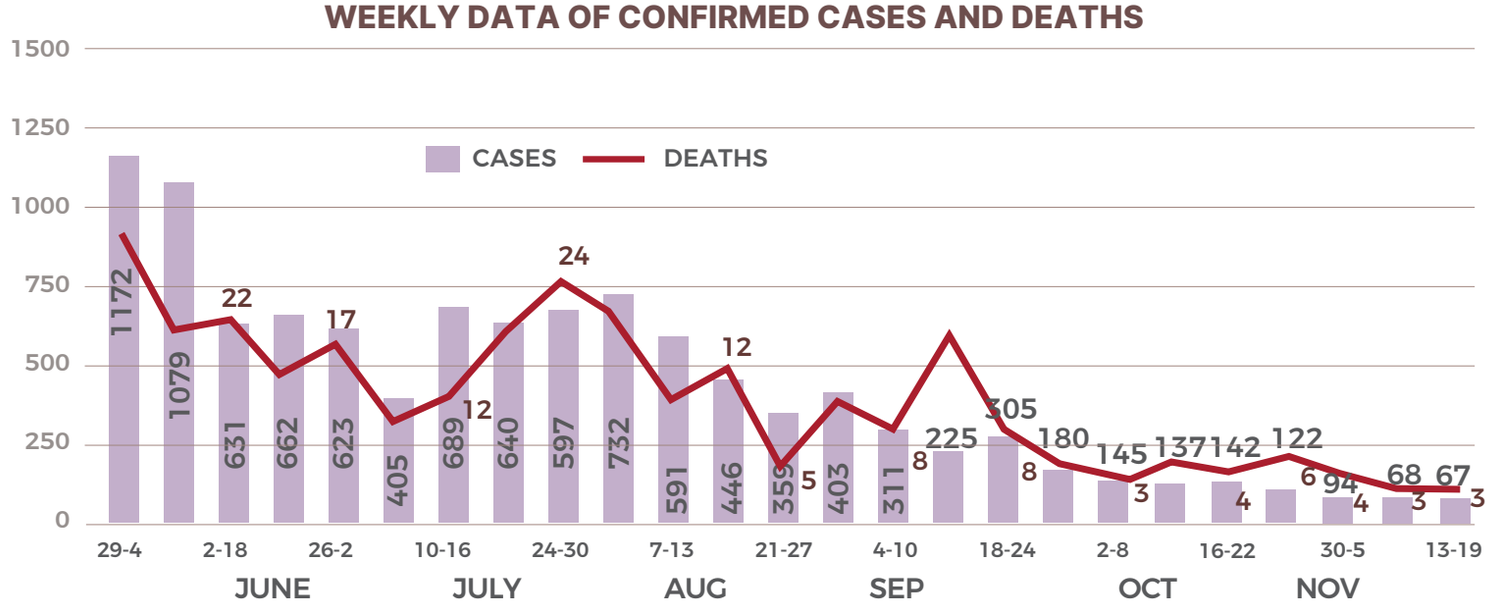


DATA AS ON 19 NOVEMBER 2021

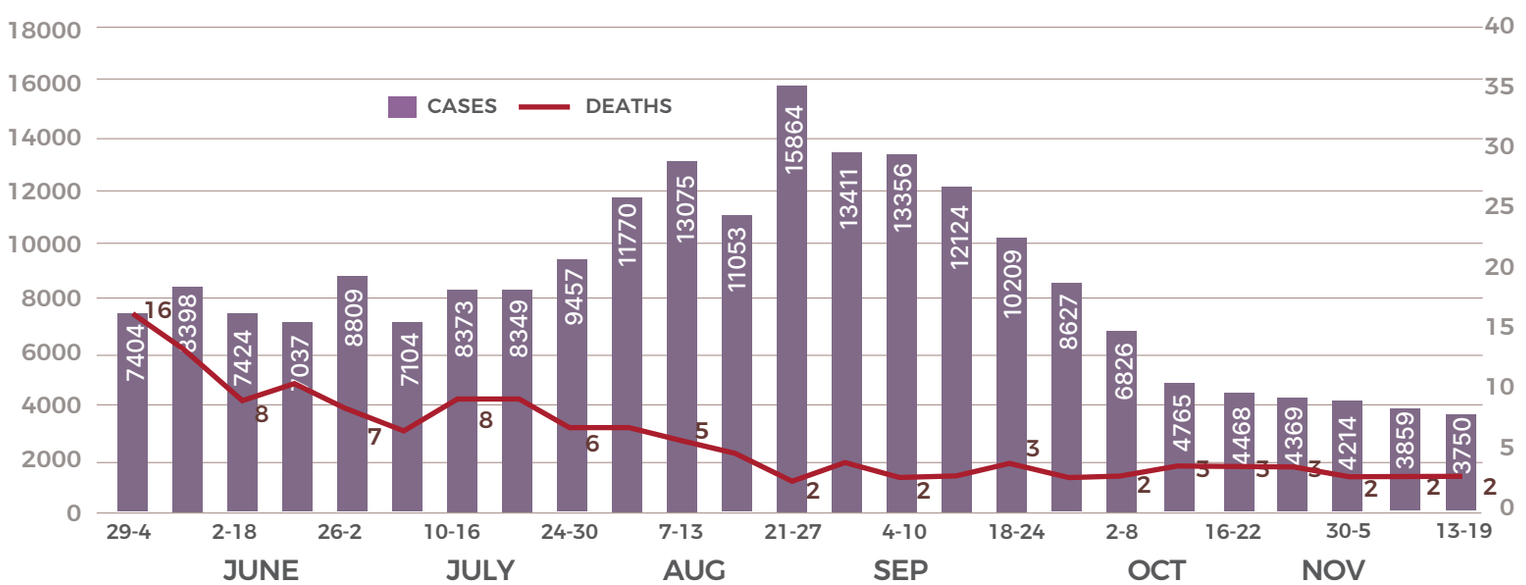
CONFIRMED CASES (weekly data)

67 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	38	57%
Traced contacts	24	36%
Travellers	4	6%
Frontline workers	1	1%
Security personnel	0	0%
TOTAL	67	100%

3,750 samples were tested the past week with a weekly positivity rate of 2%.

CONFIRMED COVID-19 CASES

Descriptive Epidemiology

Median age of cases	33 years (range: 2 days- 106 years)
Case fatality rate (CFR)	2% (679/32040)
Cases with Comorbidity	2% (680/32040)
Cases with pregnancy	0.9% (99/10954)
Symptomatic Cases	12% (3845/32040)
Mild	55% (2098)
Moderate	19% (739)
Severe	26% (1008)
Total Recovered	94% (30165/32040)

DISTRIBUTION OF CONFIRMED CASES BY AGE GROUP AND GENDER

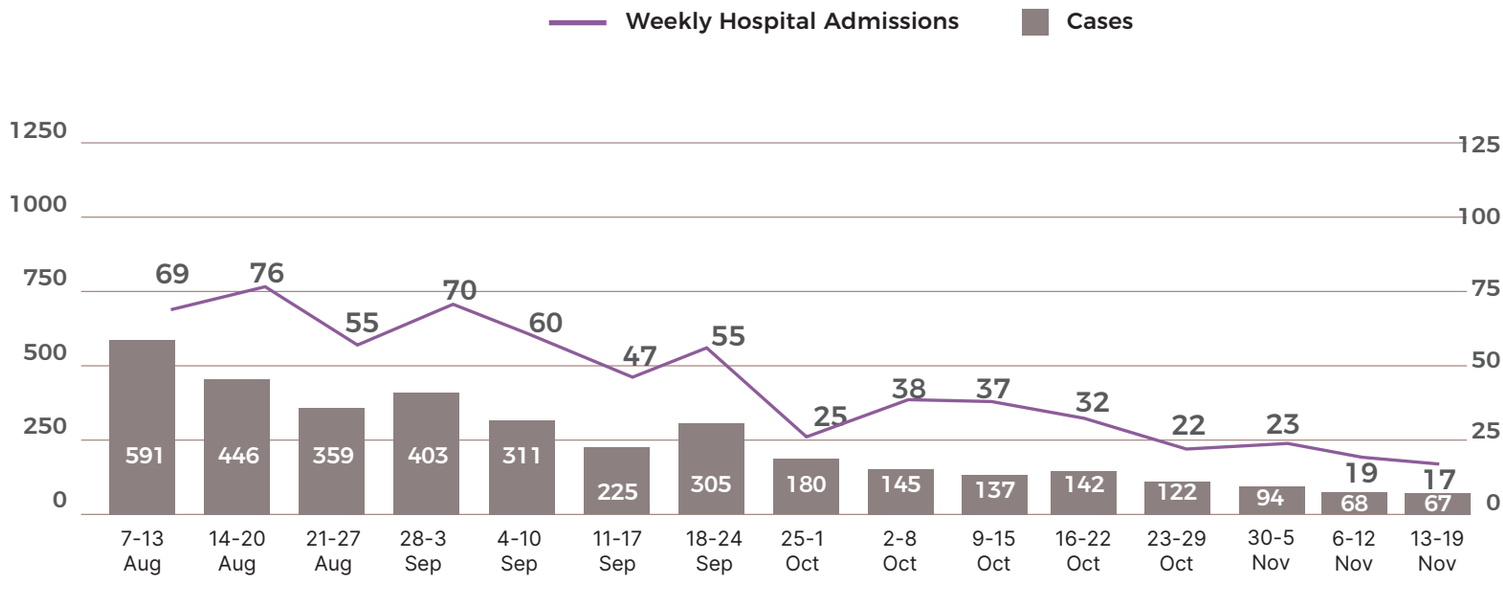
Age Group	2020		2021	
	Cases	%	Cases	%
.02-1	25	0.2	91	0.5
1.1-5	146	1	286	1
6-10	189	2	503	2
11-20	1005	8	2580	13
21-30	3579	30	5244	26
31-40	4060	34	4843	24
41-50	1750	15	3006	15
51-60	849	7	1943	10
61-70	210	2	942	5
71-106	114	1	675	3
TOTAL	11,927	100%	20,113	100%

Gender	2020		2021	
	Cases	%	Cases	%
Male	9292	78	11794	59
Female	2635	22	8319	41
TOTAL	11,927	100%	20,113	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 are males.

WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES



DATA AS ON 19 NOVEMBER 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	29	5
31-45	19	26	146	24
46-60	19	26	188	31
61-75	17	24	163	27
76-104	11	15	75	12
TOTAL	72	100%	607	100%

Gender	2020		2021	
	Deaths	%	Deaths	%
Female	20	28	184	30
Male	52	72	423	70
TOTAL	72	100%	607	100%

COMORBID STATUS AMONG COVID-19 DEATHS BY AGE GROUP

Age Group	Comorbidity	No Comorbidity	Not Known
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 (18)	2 (17)	0
31-45	11 (78)	11 (70)	2 (17)
46-60	19 (129)	3 (20)	9 (58)
61-75	19 (129)	1 (10)	6 (41)
76-104	8 (58)	1 (9)	3 (19)
TOTAL	61 (415)	19 (128)	20 (136)

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	18-24 SEP	25-1 OCT	2-8 OCT	9-15 OCT	16-22 OCT	23-29 OCT	30-5 NOV	6-12 NOV	13-19 NOV
Dimapur	5.4	3.7	2.6	4.5	3.2	3.2	2.8	2.2	1.7
Kohima	2.4	1.6	2.3	3.3	3.0	3.0	2.0	2.2	0.8
Tuensang	4.1	0.5	2.4	1.6	10.5	0.9	5.6	0.0	2.8
Mokokchung	1.6	1.5	2.8	1.8	2.3	4.4	2.5	1.1	8.1
Phek	5.0	2.1	4.3	4.1	0.6	3.0	1.0	1.1	0.0
Zunheboto	0.0	0.0	0.0	0.0	0.0	2.2	0.0	10	0.0
Mon	0.0	0.6	0.5	0.0	0.4	0.5	0.0	0.0	0.0
Longleng	4.1	1.0	1.6	0.0	11.0	0.0	0.0	0.0	0.0
Wokha	1.9	2.6	1.9	1.3	7.4	6.6	3.5	1.7	2.4
Kiphire	2.2	0.5	0.0	0.5	0.0	0.0	6.0	1.6	0.0
Peren	0.3	0.8	0.0	1.1	0.3	0.3	0.0	0.7	0.0
State Total	3.0	2.1	2.1	2.9	3.2	2.8	2.2	1.8	1.8

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(13-19 NOV 2021)

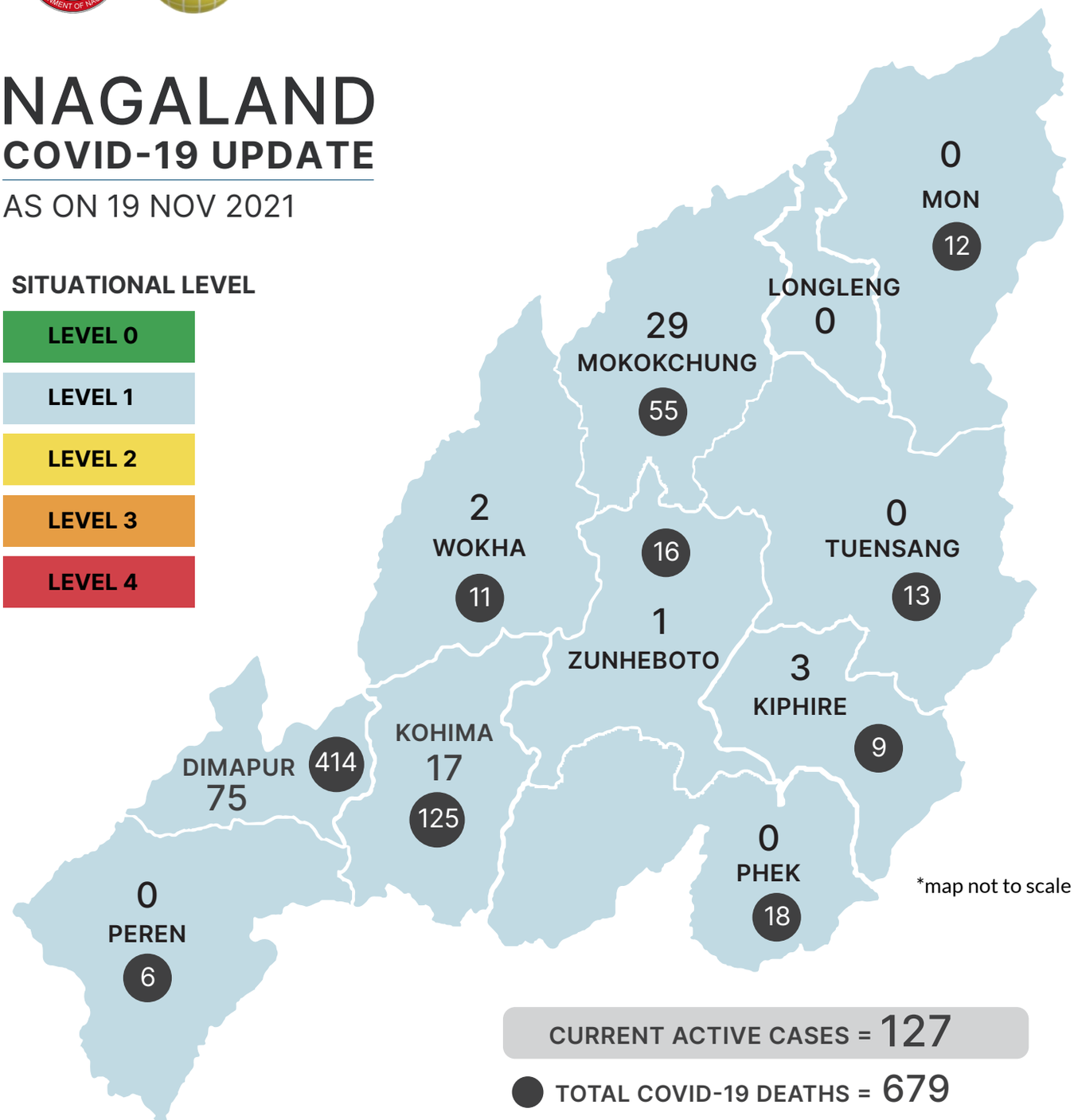
District	Situational Level	Active Cases as on 19 NOV 2021	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 19 NOV 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	1	75	33	0.03	414	0	9	1%	1903	1.7%
Mokokchung	1	29	25	0.15	55	0	3	0%	309	8.1%
Kohima	1	17	5	0.01	125	2	3	6%	659	0.8%
Kiphire	1	3	0	0.00	9	0	0	0%	138	0.0%
Wokha	1	2	1	0.04	11	0	0	0%	41	2.4%
Zunheboto	1	1	1	0.02	16	1	1	0%	31	3.2%
Longleng	1	0	0	0.00	0	0	0	0%	21	0.0%
Mon	1	0	0	0.00	12	0	0	0%	177	0.0%
Peren	1	0	0	0.00	6	0	0	0%	267	0.0%
Phek	1	0	0	0.00	18	0	0	0%	133	0.0%
Tuensang	1	0	2	0.03	13	0	1	0%	71	2.8%
State Total		127	67	0.03	679	3	1	2%	3750	1.8%

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

NAGALAND
COVID-19 UPDATE
AS ON 19 NOV 2021

SITUATIONAL LEVEL

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



*map not to scale

CURRENT ACTIVE CASES = 127

TOTAL COVID-19 DEATHS = 679

*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!



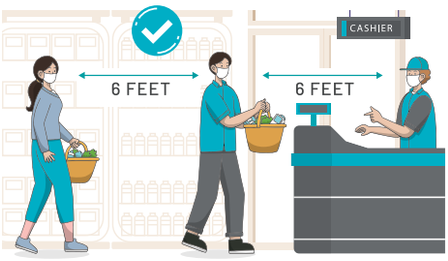
GET VACCINATED



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

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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