ISSUE NO.41 | 17 APRIL 2021 COVID-19 WEEKLY BULLETIN

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



Global Epidemiological update

The global cases continue to increase for the 7th consecutive week and deaths for the 4th consecutive week with over 138 million infected and 2.9 million deaths.

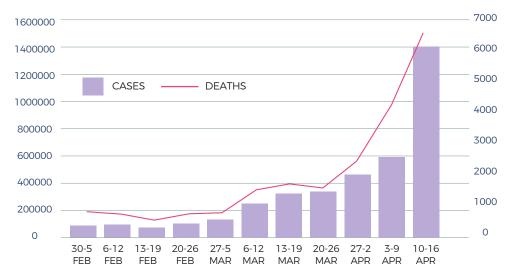
Largest increase in cases have been observed from the South east Asia region due to the second wave in India.

INDIA'S SECOND WAVE

India reports highest number of new cases globally

India reported more than 2 lakh daily cases for the last two days and reports the maximum new cases around the globe. COVID-19 ICU bed occupancy in Mumbai showed 99% and 91% in Delhi on 16th April through official websites.

India: Weekly New Cases



Global | National | Regional | State

As on 16 April 2021	n 16 April 2021				
Covid 19 Cases	Confirmed cases	Deaths	Death Rate		
World	13,86,88,383	29,78,935	2.15%		
India	1,42,91,917	1,74,308	1.22%		
Nagaland	12,504	84	0.67%		

In the past week:

World: 51,35,609 cases and 84,640 deaths.

India: 13,99,017 cases and 6,666 deaths.

Nagaland: 116 cases and 3 deaths.

as on 16 April 2021 NO OF DOSES GIVEN Covid-19 Vaccine

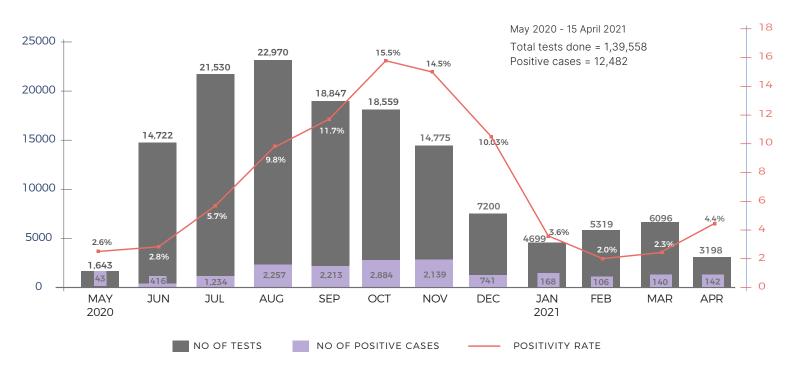
World	869 million
India	117.2 million
Nagaland	1,45,858

Adequate ventilation in closed spaces is critical to reduce transmission in closed spaces.

3C's- Close spaces, Crowded Places and Close contact settings

Super spreader events have mostly occurred in enclosed and crowded spaces where transmissibility of the virus increases many times more. In our state, super spreaders have all been found in enclosed settings. Enclosed high-risk settings like Offices, Educational Institutions, Restaurants, Physical meetings, Churches and other places of worship should ensure there is adequate natural ventilation in addition to the SOPs. "Airborne transmission" of COVID-19 have been demonstrated earlier in such enclosed settings where virus can travel more than 2 meters through droplet nuclei and can linger longer in the air. The risk of transmission can be substantially reduced by;

- 1. Improving indoor air quality by opening windows and doors for natural ventilation.
- 2. Minimizing attendance to 50 % or less of the capacity as in SOP for closed spaces.
- 3. Strictly adhering to the 3W's (Wear mask, Wash hands, and Watch Distance)
- 4. Use of digital medium to the extent possible (Zoom meetings, church live stream, Online learning etc.)
- 5. Immediate isolation and testing of symptomatic cases.



MONTHLY TESTING & POSITIVITY RATE

2

1,45,858 doses have been administered across the state till date.

The state recorded the highest vaccination in a single week with 37,293 doses administered the past week.

The 'Vaccination festival' was observed successfully from 11 April -14 April. In addition to health facilities, vaccination centers were set up in workplaces and prominent places in the community. 32,436 doses were administered in just 4 days during the festival. Vaccines are a key to preventing further lockdowns, and vaccine passports may eventually play a role, if properly designed.

British Medical Journal

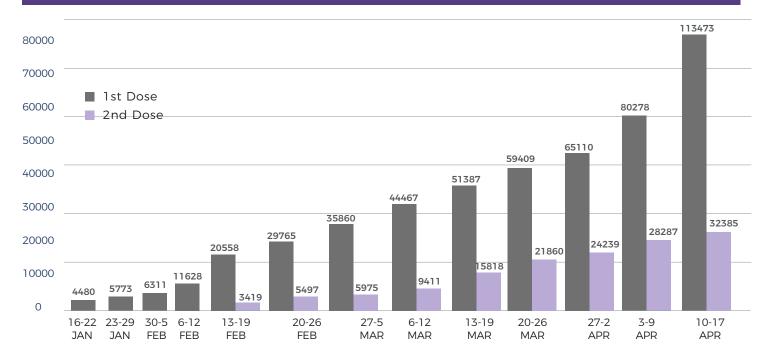
99% of doses have been administered in public facilities as of date.

1,45,858

State

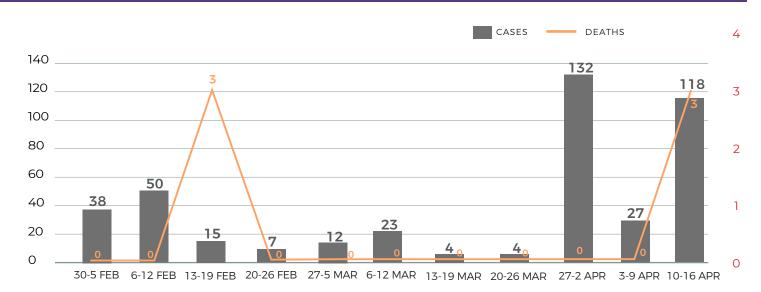
District	Total doses administered	Category	Total doses administered
Dimapur	41048	60 years and above 1st dose	30398
Kohima	23577	60 years and above 2nd dose	1656
Mokokchung	16760	45-59 years 1st dose	27286
Phek	12628	45-59 years 2nd dose	781
Mon	11187	Healthcare workers 1st Dose	13311
Tuensang	9689	Healthcare workers 2nd Dose	9091
Wokha	9080	Frontline workers 1st Dose	42478
Zunheboto	7842	Frontline workers 2nd Dose	20857
Peren	5331	State	1,45,858
Longleng	4682		
Kiphire	4034		

TOTAL BENEFICIARIES

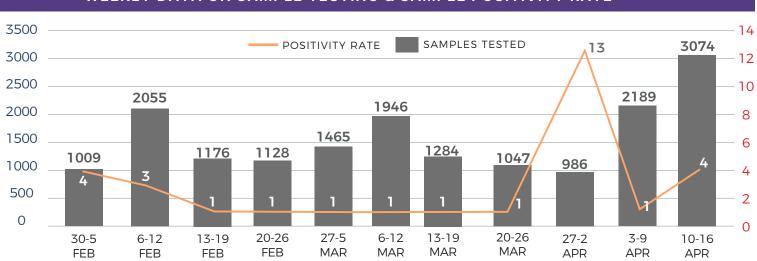


CONFIRMED CASES (weekly data)

118 confirmed cases this week



WEEKLY DATA OF CONFIRMED CASES AND DEATHS



WEEKLY DATA ON SAMPLE TESTING & SAMPLE POSITIVITY RATE

CONFIRMED CASES THIS WEEK

Age Group	Cases	%
Traced Contacts/Self-test	76	66%
Travelers	35	30 %
Armed forces/ Security	4	3 %
Frontline workers	1	1%
TOTAL	116	100%

1,39,828 samples have been tested till date

Test Type No of tests % RT PCR 579 19 TRUENAT 112 4 RAT 2383 78 TOTAL 3074 100%

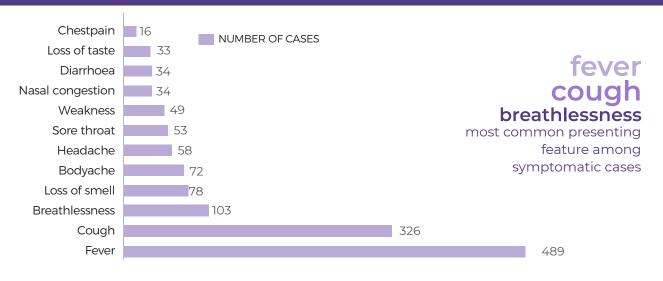
3074 samples were tested in the past week with a positivity rate of 4%

DATA AS ON 16 APRIL 2021 COVID DEATHS IN THE STATE

Characteristics	Number	%
■ CFR/Death Rate ≤ 44 years	24/10260	0.23 %
■ CFR/Death Rate ≥ 44 years	60/2244	2.7 %
Median age of deaths	55 yrs (range 24-90 yrs)	
Age group of deaths		
24 - 44 yrs	24/84	29 %
45 - 90 yrs	60/84	71 %
 Deaths with comorbidity 	74/84	88 %
 Deaths with pregnancy 	1/23	4 %
 Place of death 		
Hospital	77/84	92 %
Home	4/84	5 %
On the way to hospital	3/84	4 %

The CFR (Case Fatality Rate) among 45 years and above is high at 2.7% (60/2244) which is worrisome, and the median age of Covid deaths is 55 years (range: 24-90 years). This necessitates the need for urgent Vaccination before the second wave peaks.

CLINICAL SYMPTOMS REPORTED AMONG CONFIRMED CASES IN THE STATE

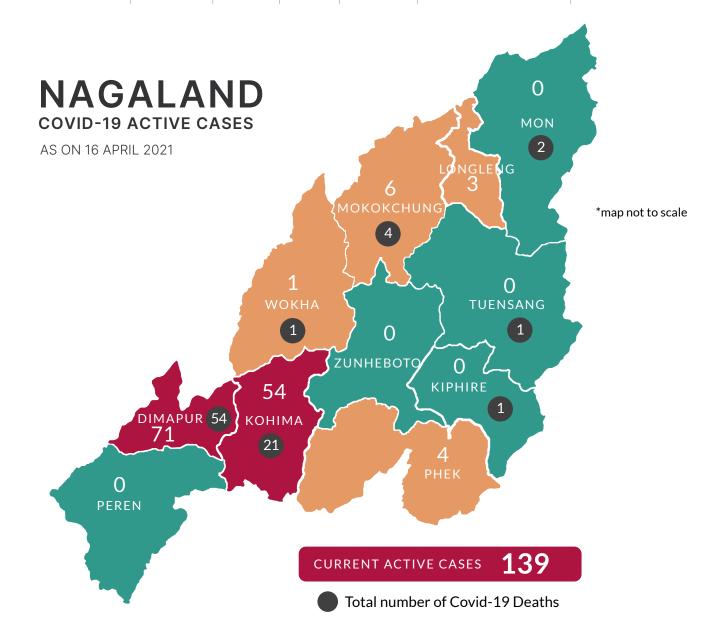


ANYONE WITH ANY OF THESE REPORTED SYMPTOMS SHOULD ISOLATE and get tested.

This becomes vital in high-risk settings like offices, colleges or schools to avoid a super spreader event

C	DISTRICT DISTRIBUTIO	ON OF ACTIVE CASES	SAND SAMPLING	

District	Total Cases	Active Cases	Deaths	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	6571	71	54	57147	146	11 %
Kohima	4072	54	21	39803	143	10 %
Mokokchung	203	6	4	5979	30	3 %
Phek	51	4	0	3286	20	2 %
Longleng	22	3	0	1368	26	2 %
Wokha	40	1	1	1774	10	2 %
Kiphire	41	0	1	1396	18	3 %
Mon	605	0	2	14018	54	4 %
Peren	507	0	0	6115	63	8 %
Tuensang	250	0	1	6573	32	4 %
Zunheboto	142	0	0	2369	16	6 %
STATE	12,504	139	84	1,39,828	69	8.9 %



*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!









WATCH DISTANCE

GET VACCINATED

WEAR MASK



from 1st March 2021

COVID-19 VACCINATION

for all citizens 45 years and above



VACCINATION AT GOVERNMENT FACILITIES IS FREE!









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Bibliography:

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