



Global Epidemiological update

One year since WHO declared COVID-19 disease as a Public Health Emergency of International concern, 104 million people have been infected with more than 2.2 million deaths globally. Weekly cases and deaths have declined over the globe but more than 88 thousand people have lost their lives to COVID-19 in the past week. United States, Brazil and United Kingdom continue to report the maximum number of cases. The Bloomberg COVID-19 vaccine tracker reports that 119 million COVID-19 vaccine shots have been administered in 67 countries and 8.56 billion doses are under contract as the world tries to go back to normalcy with vaccination. India has allocated Rs 35,00 crores in the budget 2021-22 for COVID-19 vaccination.

Total Vaccinated with Covid-19 Vaccine

World	119 million
India	4.9 million
Nagaland	6,311

as on 5 February 2021

Going back to our normal lives safely with Vaccines:

The path to Immunity by COVID-19 vaccination

Going back safely to our normal lives will need immunity of the population as early as possible through vaccines along with maintenance of COVID-19 appropriate behaviors. Experts have maintained that all countries will need to be equally vaccinated with COVID-19 vaccine to ensure the ongoing pandemic is cut as short as possible and avoid sustained deaths and hospitalizations. The COVAX project tries to ensure the same for which India will be a major supplier of vaccines globally.

The need for COVID-19 vaccine in Nagaland:

The COVID-19 pandemic is expected to go on for years unless vaccines boost up the immunity in the population. The threat may not be felt by the general population acutely as other countries or states due to lesser deaths and cases but the world is too interconnected and we may have sustained deaths and hospitalizations unless vaccines come in the way. The constant travel and connectivity mean we can have spurge of cases and deaths anytime unless population immunity is achieved through vaccines.

Health care workers and COVID-19 vaccination:

Health care workers have been prioritized in India and across the globe as they are at the highest risk of Infection as evident by current data. Apart from protecting themselves, the safety of patients is also taken into account once a health care provider is vaccinated. Similarly, frontline workers will be vaccinated next followed by other high-risk groups (those above 50 years and those with comorbidity)

(contd.)

SARS-COV2 Variants and COVID-19 vaccine:

WHO director has repeatedly warned that the more we allow the virus to spread, the more mutations and variants will come up. Variants can originate from any patient or country with more transmissions. Leading scientists have maintained that **COVID-19 vaccines will be effective even against the new variants** as there has not been enough changes till now to affect immunogenicity. This also points to the urgency to scale up vaccination before more variants dominate the globe. The new variants are found to be more transmissible and could even increase severity of symptoms.

COVID -19 Vaccines are testimony that with adequate investment and collaboration, vaccines can be rolled out without wasting years and time:

The impact and risk of COVID-19 disease was felt by all countries- rich or poor and there has been maximum investment, collaboration and research like never before. Vaccines are one of the biggest achievements in public health saving an approximate 5 lives a minute but financial risk for developers is a big risk unless there is financial protection as was seen during the pandemic. Moreover, most **COVID-19 vaccines are a result of years of intense research** and the booster came through the pandemic. For example, vector for the Oxford vaccine (COVISHIELD in India) was already tried and studied in anticipation for the next pandemic or the disease X and Covid-19 came along. The development was not overnight. Added to it, **the high prevalence of the COVID-19 disease in a short time led to testing of efficacy in record time.**

COVID-19 Vaccination as a social responsibility:

Besides preventing severe manifestations and keeping yourself protected, COVID-19 vaccines protect those around you. Initial reports from Oxford vaccine suggests the vaccine can prevent infections and transmission substantially and will be critical in halting the pandemic. It is the moral responsibility of everyone to come forward for vaccination as and when the time comes.

Safety OF COVID-19 Vaccines

- The vaccine available in the state has gone through all phases of pre-clinical and clinical trials and is found to be very safe for use. Vaccines undergo one of the most stringent safety trials of all medical interventions before it is available for use in the population.
- The vaccine available in India uses only tried and tested technology which is already used in vaccination millions across the globe especially children. It is a product of years of research and trials and no long-term side effects can be expected.
- Mild side affects like fever, pain in injection site, muscle pain, fatigue, chills etc can be expected in some beneficiaries which will subside in 24-48 hours. These are expected reactions of body to the vaccine and is usually a good sign. These side affects can easily be managed with medicines like Paracetamol and proper hydration with water. The long-term benefits of the vaccine outweigh any minor short term side effects. These minor side effects are also observed frequently in children after routine immunization

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
World	10,43,70,55	22,71,180	2.18%
India	1,08,02,59	1,54,823	1.43%
N.E. India	3,32,865	2,272	0.68%
Nagaland	12,126	78	0.64%

As on 5 February 2021

State	Total Cases	No of Deaths	Death Rate
Assam	2,17,186	1084	0.50 %
Tripura	33,352	391	1.17 %
Manipur	29,099	372	1.28 %
Meghalaya	13,794	147	1.07 %
Sikkim	6,103	135	2.21 %
Nagaland	12,126	78	0.64 %
Arunachal Pradesh	16829	56	0.33 %
Mizoram	4376	9	0.21 %
Total	3,32,865	2272	0.68 %

In the past week:

World: 33,16,829 cases and 88,313 deaths.

India: 82,543 cases and 813 deaths.

Nagaland: 38 cases and 0 deaths.

Covid-19 Vaccination in Nagaland for Healthcare & Frontline workers

District	Total Vaccinated
Dimapur	1183
Kohima	1133
Mokokchung	924
Mon	615
Phek	506
Zunheboto	488
Wokha	475
Peren	396
Tuensang	335
Longleng	132
Kiphire	124
State	6,311

6,311 health care workers including 44 frontline workers have been vaccinated in the state till date.

No adverse events needing medical interventions have been reported so far.

(Source UIP, DHFW, Kohima)

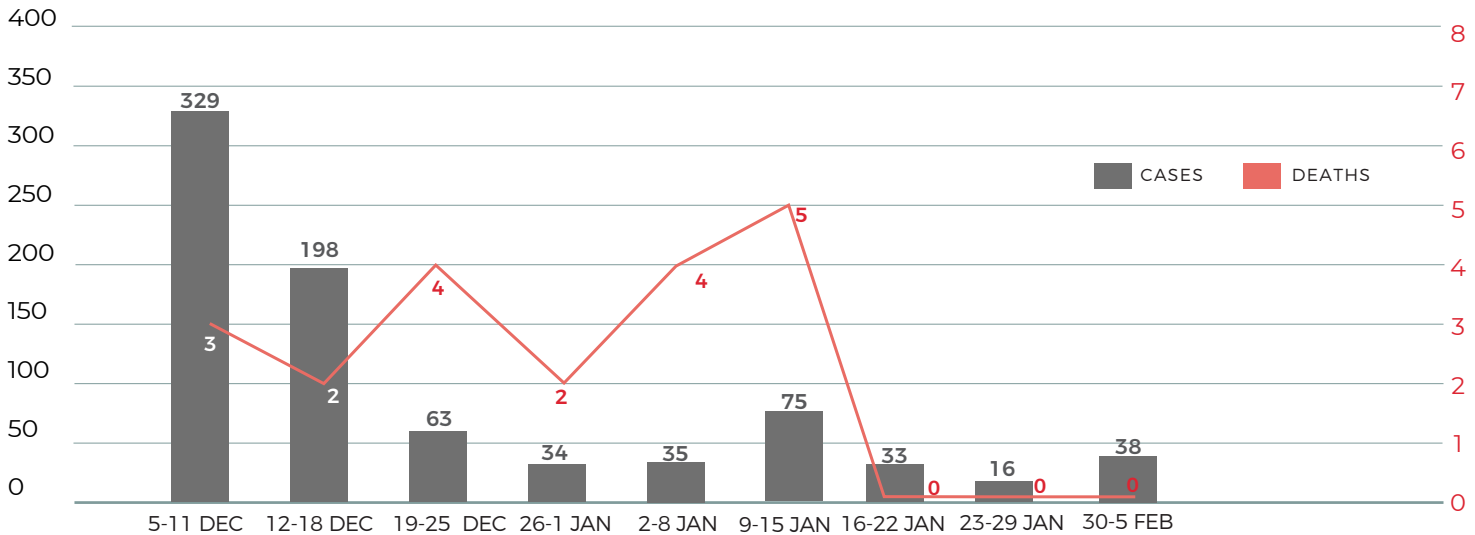
MAJOR UPDATES FROM THE WEEK

- 38 cases were reported from the past week and there have been no COVID-19 reported deaths for 3 consecutive weeks.
- Weekly sample positivity rate slightly increased from 2 to 4 % from the past week
- The maximum category of cases continues to be from the TRACED CONTACTS/ SELF TEST category
- 6,311 beneficiaries have been vaccinated by the COVISHIELD Vaccine across the state. Vaccination for frontline workers other than healthcare workers have started in the state. No adverse events needing medical intervention have been reported in the state
- Positivity remains high at FLU CLINICS/ self-test who come for testing without any history of contact like people who have symptoms, for travel / other medical treatment constituting about 15 % of all cases from the community.
- Recovery rate of 97 % is same as India's recovery rate.

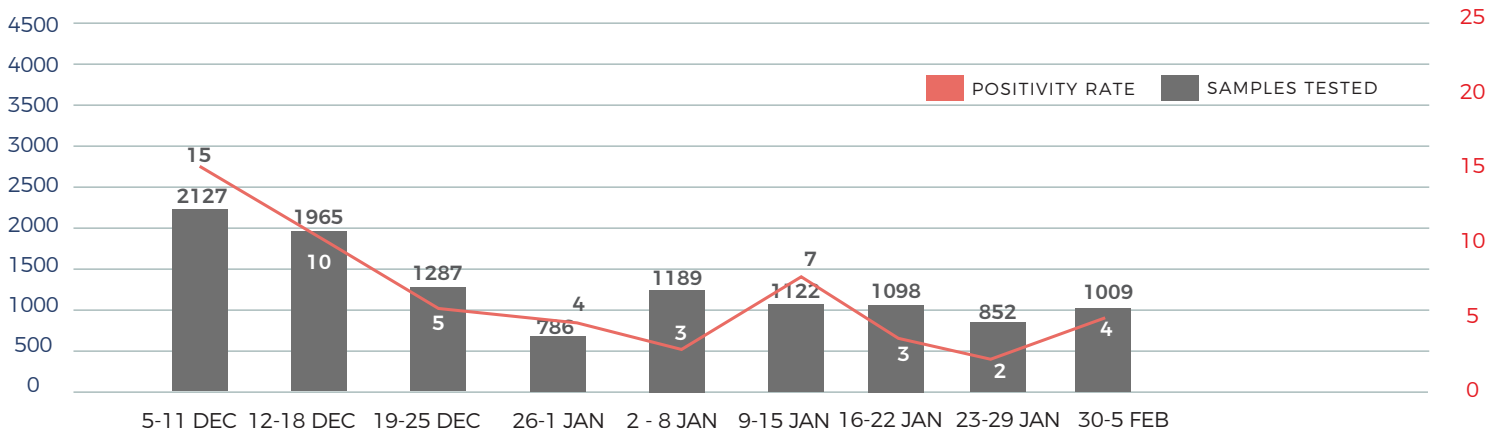
CONFIRMED CASES (weekly data)

38 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	24
Armed forces/ Security	10
Travelers	4
Frontline workers	0
TOTAL	38

79% of samples were tested by Rapid Antigen Test (RAT) in the past week.

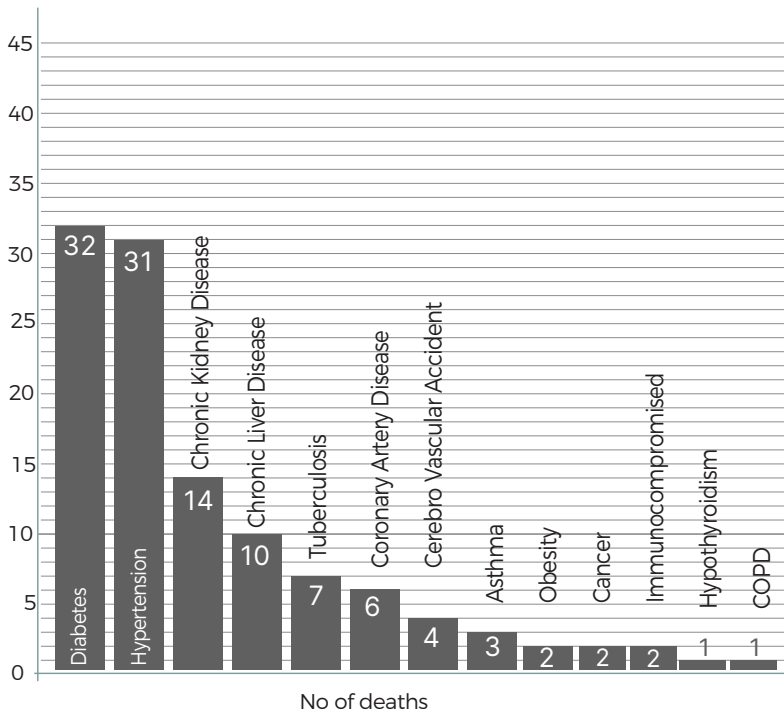
Test Type	No of tests	%
BSL 2-3	73,202	58
Truenat	37,188	30
RAT	15,277	12
TOTAL	1,25,667	100%

COVID DEATHS

- Total Deaths: 78
- Median Age: 55 yrs
- Range: 24 - 90 yrs
- Gender: Males 72%
- Deaths with comorbidities: 85%

All COVID-19 deaths are certified by the state death committee as per ICMR and WHO ICD 10 guideline.

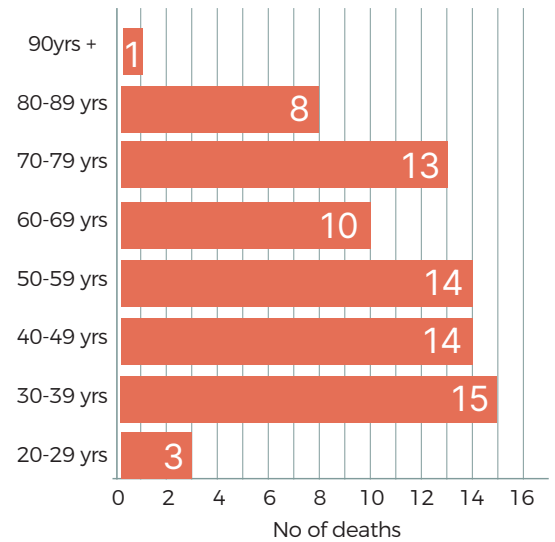
DEATHS (ASSOCIATED COMORBIDITIES)



Multiple comorbidities are associated with a single patient.

Most common comorbidities: Diabetes & Hypertension

COVID-19 DEATHS BY AGE GROUP



59% deaths are below 60 years.

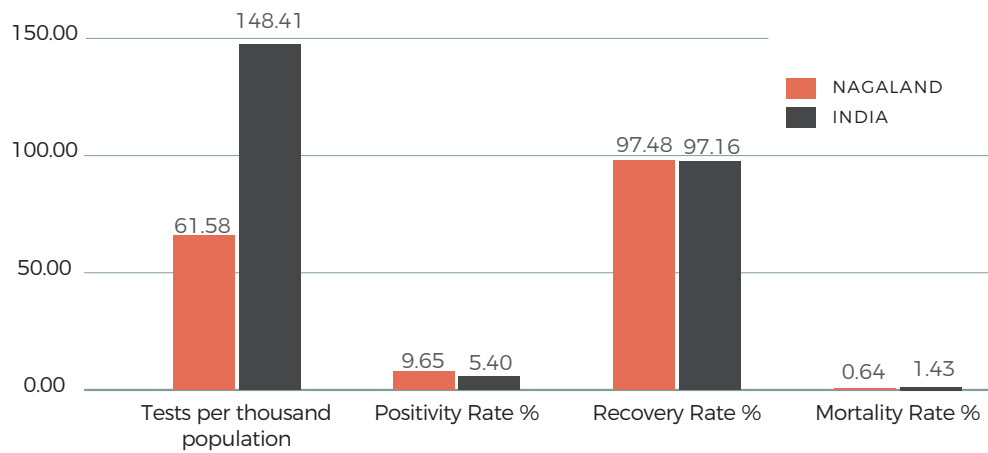
Most common affected age group is 40-49 and 30-39-year age groups.

Going back to our normal lives safely will need discipline and maintenance of COVID-19 appropriate behaviors like wearing mask, washing hands frequently and maintaining physical distancing along with vaccination of the population till and when a certain level of Immunity is achieved in the population.

VACCINES AND COVID-19 APPROPRIATE BEHAVIOURS ARE OUR SAFEST ROUTE BACK TO THE NORMAL LIVES!

Isolate, get yourself tested and get help if you have any covid-19 like symptoms or if you come in contact with a positive case. Let us protect ourselves and the vulnerable people in the community by being more careful and responsible. Let us all adopt COVID-19 appropriate behaviours during this crucial time.

TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES

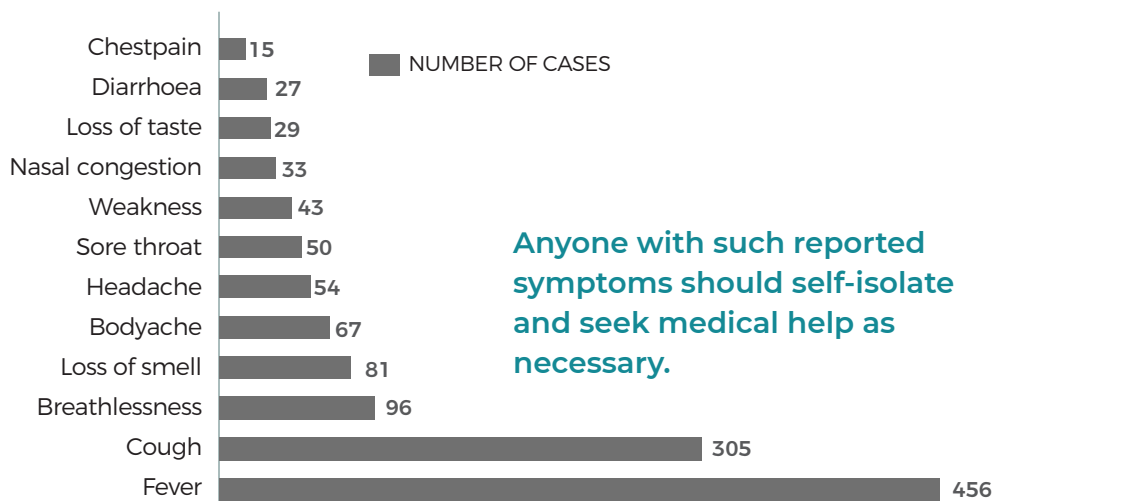


DATA AS ON 05 FEBRUARY 2021

CATEGORIZATION OF TOTAL CONFIRMED CASES

Total confirmed cases till date: 12,126

CLINICAL PRESENTATION OF SYMPTOMATIC CASES



DESCRIPTIVE EPIDEMIOLOGY

Characteristics	Number/Percentage
Median Age of Positive Cases	33 years
Range (Age) of Positive Cases	1 month - 98 years
Cases with comorbidity	1%
Symptomatic Cases	5%

CONTACT TRACING

A total of 34,674 contacts have been traced by surveillance teams across all districts.

Contact tracing remains as one of the crucial pillars of COVID-19 control. Self-test implies category of people who have been tested without any history of contact either for travel, symptomatics or for medical treatment in a hospital

DISTRIBUTION OF POSITIVE TRACED CONTACTS BY AGE-GROUP & OCCUPATION

Age Group	Cases	Percentage
0.1-10	338	7
11 -20	644	13
21-30	1292	26
31-40	1249	25
41-50	755	15
51-60	452	9
61-98	301	6
TOTAL	5,031	100%

Gender	Cases	Percentage
Female	2001	40
Male	3003	60
TOTAL	5,031	100%

Among the traced contacts, the most affected age group is 21-30 years at 26% (1292/5031) followed by 31-40 years at 25% (1249/5031). Among them, 60% (3030/5031) are males.

The uncontrolled spread among the age group of 21-40 years is increasing risk in the higher age groups.

Positivity rate among household contacts 29% (1453/5031) continue to remain the highest followed by government employees at 23% (1162/5031) and students at 19% (947/5031).

The positivity rate among symptomatic/ pre-op screening/ travel purposes coming to Flu clinics continue to remain high at 15% (767/5031).

Occupation/Place of infection	Cases	Percentage
Household contacts	1453	29
Government employees	1162	23
Students	947	19
Self employed	792	16
Unemployed	199	4
Prison contacts	138	3
Migrant workers	73	1
Teachers	69	1
Church contacts	62	1
Convent contacts	34	0.7
Bank Staff	28	0.6
Bakery/Restaurant employee	24	0.5
Shelter home	18	0.4
Taxi Drivers	18	0.4
Media persons	7	0.1
NGO staff	7	0.1
Symptomatic/ Pre-op/Travel	767	15
TOTAL	5,031	100%

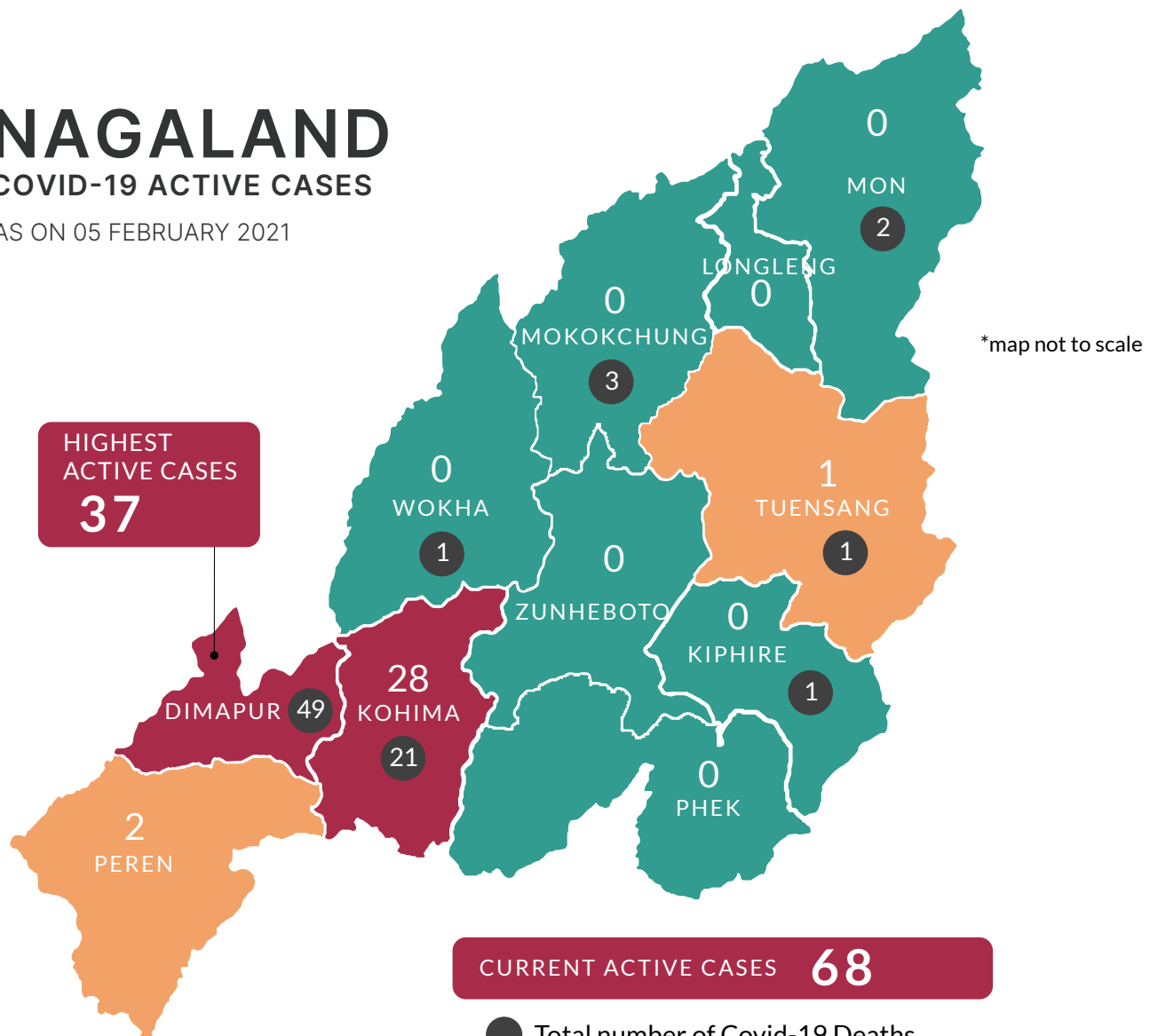
DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

District	Total Cases	Active Cases	Deaths	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	3812	37	21	36408	131	10.5 %
Kohima	6474	28	49	50423	129	12.8 %
Mokokchung	507	2	0	5952	61	8.5 %
Peren	248	1	1	5663	28	4.4 %
Tuensang	41	0	1	1174	15	3.5 %
Kiphire	19	0	0	1213	23	1.6 %
Longleng	192	0	3	5039	25	3.8 %
Mon	605	0	2	13045	51	4.6 %
Phek	47	0	0	3020	18	1.6 %
Wokha	39	0	1	1585	9	2.5 %
Zunheboto	142	0	0	2145	15	6.6 %
State	12126	68	78	125667	62	9.6 %

NAGALAND

COVID-19 ACTIVE CASES

AS ON 05 FEBRUARY 2021



*For data reporting, Noklak is covered under Tuensang district as there is no separate surveillance unit yet for the district.

If you develop any signs and symptoms of
COUGH, FEVER OR DIFFICULTY IN BREATHING

Call the State Health Helpline Number immediately: **1800-345-0019**

**THE PUBLIC IS THE FIRST LINE OF DEFENSE!
ADHERE TO GOVERNMENT ADVISORIES AND STAY UPDATED.**

AVOID the 3 C's



CROWDED PLACES



**CLOSE-CONTACT
SETTINGS**



**CONFINED OR
ENCLOSED SPACES**

FOLLOW the 3 W's



WEAR MASK



WASH HANDS




WATCH DISTANCE

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