



Global Epidemiological update

As of 11th December 2020, 69.1 million people have been infected with more than 1.57 million deaths across the globe. The region of the Americas especially USA and Brazil continue to report more cases and deaths. Overall new cases and deaths continue to decline in Europe for the past two weeks with many countries as a result of stricter covid-19 control measures earlier. While active cases show a continued decline in India, states like Maharashtra, Kerala, Delhi, Uttar Pradesh and West Bengal continue to report the maximum cases.

COVID-19 VACCINE UPDATE

As per WHO ACT for COVID-19, 52 Vaccine candidates are in the clinical phase. A 91-year-old grandmother from UK became the first person to receive the COVID-19 vaccine. The US FDA has also approved the Pfizer vaccine for use in the USA. In India, the NEGVAC (The National Expert Group on Vaccine Administration for COVID-19) will oversee all activities. The MoHFW has released guideline for COVID-19 vaccine rollout in a phased manner. Around 1 crore health workers in the country will be vaccinated in the first phase followed by other frontline workers and high-risk groups. In the state, trainings for the vaccinators will be completed very soon.

December festivities will be vital to controlling the pandemic in the state

More social events and gatherings always follow later with cases from the community. The high positivity rate especially in Dimapur and Kohima could mean many undetected cases roaming unaware in the society. The only way to curb this transmission is to strictly stick to all personal safety measures of 3W's and avoid social gatherings and events.

The organizers of social events, sports events or any gatherings should take responsibility of the danger such activities pose to the society.

Transmission from such events will manifest only days to weeks later when the infection reaches the high-risk groups in the form of severe cases or deaths.

Global | National | Regional | State

| Covid 19 Cases | Confirmed cases | Deaths | Death Rate |
|----------------|-----------------|-----------|------------|
| World | 6,91,43,017 | 15,76,516 | 2.28% |
| India | 97,96,769 | 1,42,186 | 1.45% |
| N.E. India | 3,23,958 | 2,054 | 0.63% |
| Nagaland | 11,634 | 61 | 0.52% |

As on 12 December 2020

North Eastern States

| State | Total Cases | No of Deaths | Death Rate |
|-------------------|-------------|--------------|------------|
| Assam | 2,14,305 | 999 | 0.47 % |
| Tripura | 32,997 | 374 | 1.13 % |
| Manipur | 26,685 | 318 | 1.19 % |
| Meghalaya | 12,586 | 123 | 0.98 % |
| Sikkim | 5,264 | 118 | 2.24 % |
| Nagaland | 11,634 | 61 | 0.52 % |
| Arunachal Pradesh | 16479 | 55 | 0.33 % |
| Mizoram | 4008 | 6 | 0.15 % |
| Total | 3,23,958 | 2054 | 0.63 % |

As on 12 December 2020

In the past week:

World: 45,39,589 cases and 75,902 deaths.

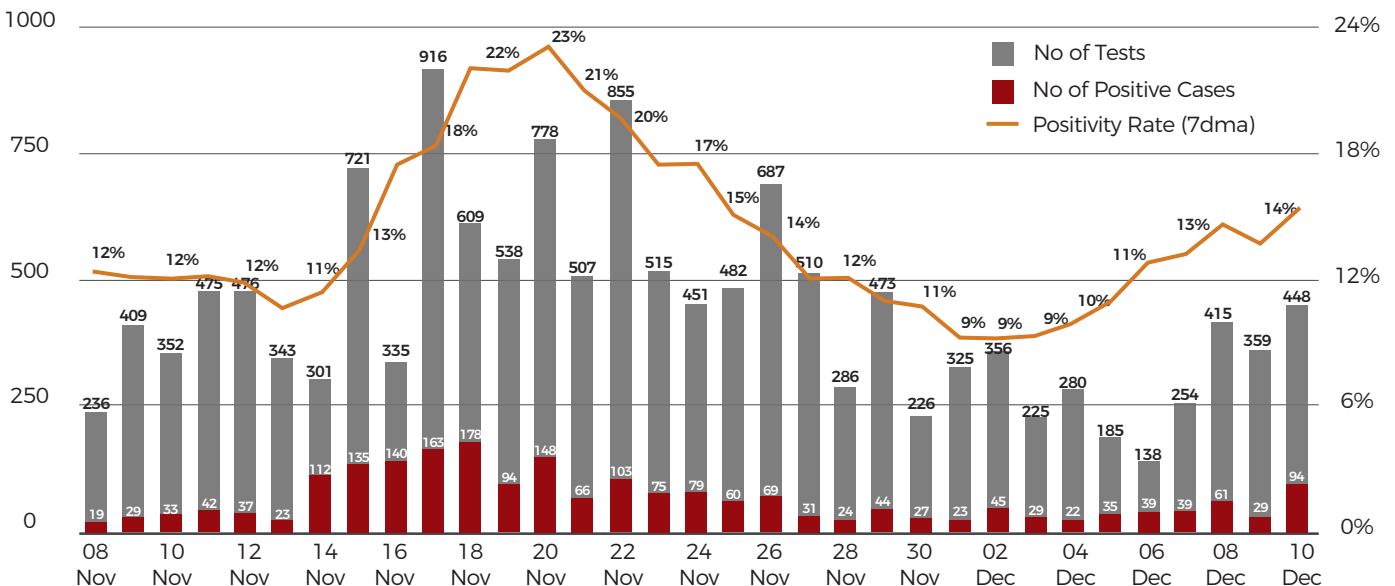
India: 2,25,210 cases and 2,998 deaths.

Nagaland: 329 cases and 3 deaths.

Major updates from the week: Summary

- 329 new cases and 3 deaths were reported from the past week. Kohima (217) and Dimapur (71) recorded the most cases.
- Sample positivity rate continue to remain high at 10 % signifying undetected cases in the community. Dimapur (13.4%) and Kohima (10.6) has the highest sample positivity rate in the state. The weekly positivity rate is 15%.
- Diabetes, Hypertension and Chronic Kidney diseases are the most commonly associated comorbidities among deaths.
- The most affected age group among the traced contacts is 21-40-year age group who could be inadvertently spreading the virus to the higher risk groups. This is evident by the constant increase in positivity among the 60 plus age group (6% of traced contacts).
- Household (29%) and workplaces (24%) are the most common places of infection. In most cases, office goers have brought the infection home. There is also an increase in positivity among Church contacts and Bank staff.
- Positivity in Flu Clinics continue to increase which is worrisome as these people do not fall under contact tracing. Flu clinic positivity among traced contacts have increased to 12 %.
- 64 % of deaths are below 60 years of age and 18 % of deaths do not have any known comorbidity/ disease.
- 67% of all cases are from traced contacts within the community in the past week.
- 1,16,359 samples have been tested till date out of which 11,634 cases were found to be positive.

DAILY CASES AND POSITIVITY RATE FOR THE LAST ONE MONTH

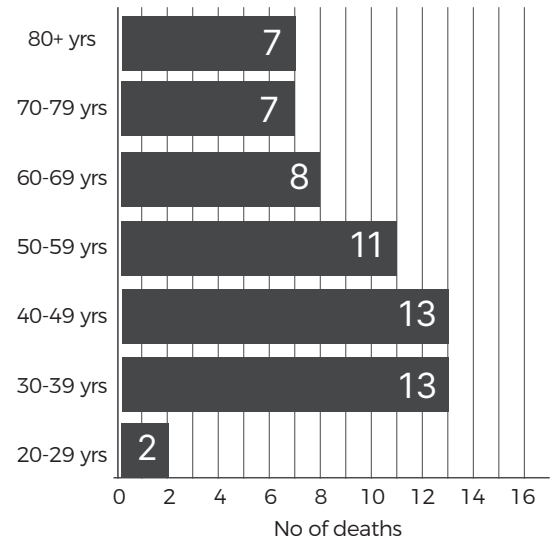


COVID DEATHS

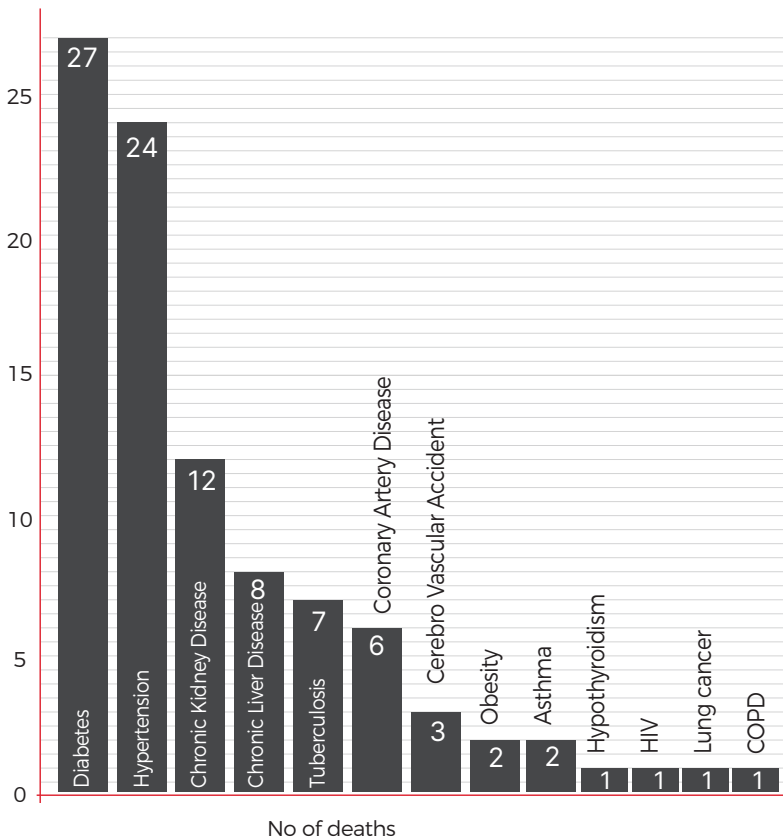
- Total Deaths: 61
- Median Age: 51 yrs
- Range: 24 - 90 yrs
- Gender: Males 74%
- Deaths with comorbidities: 82%

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

COVID-19 DEATHS BY AGE GROUP



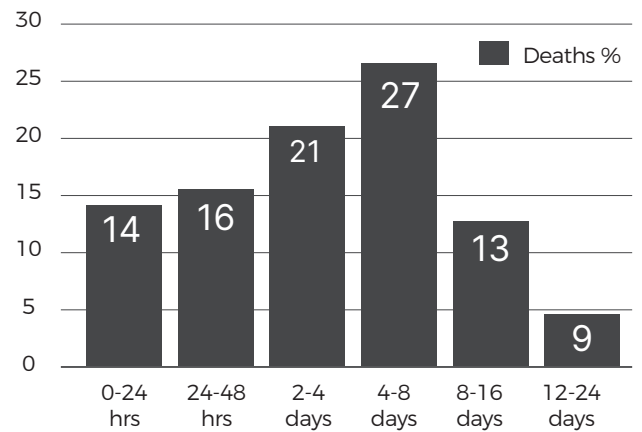
DEATHS (ASSOCIATED COMORBIDITIES)



Multiple comorbidities are associated with a single patient.

TIMING OF COVID DEATHS

Time between admission and death



30% of deaths happened within 48 hours of coming to the hospital. This signifies patients come to seek healthcare very late leaving little hope for survival. Timing of the few available treatments like Oxygen and steroids in COVID-19 is very critical for survival.

**Most common comorbidities:
Diabetes & Hypertension**

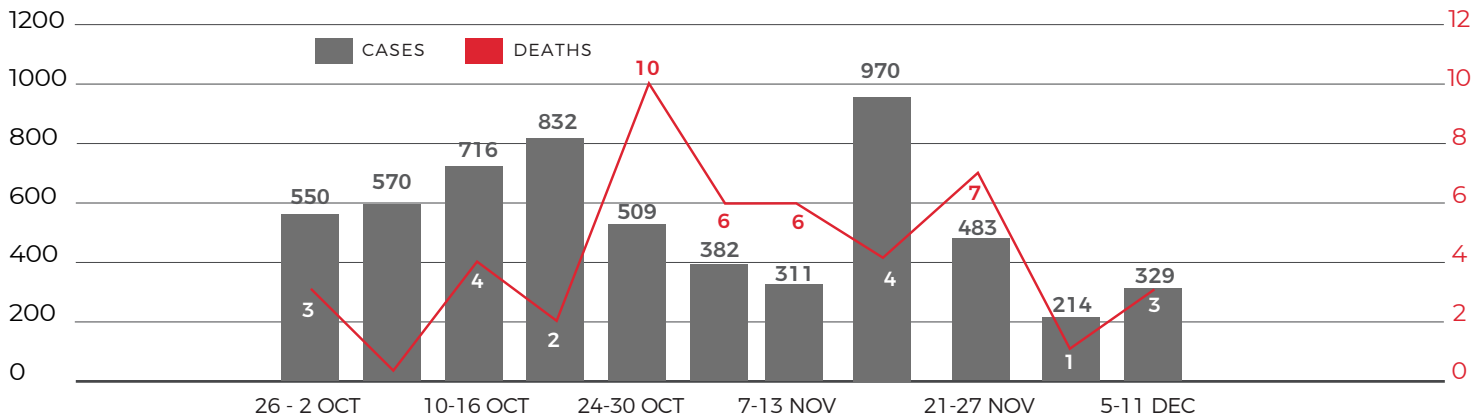
Most common affected age group is 40-49 years and 30-39 years.

67% of deaths are below 60 years of age.

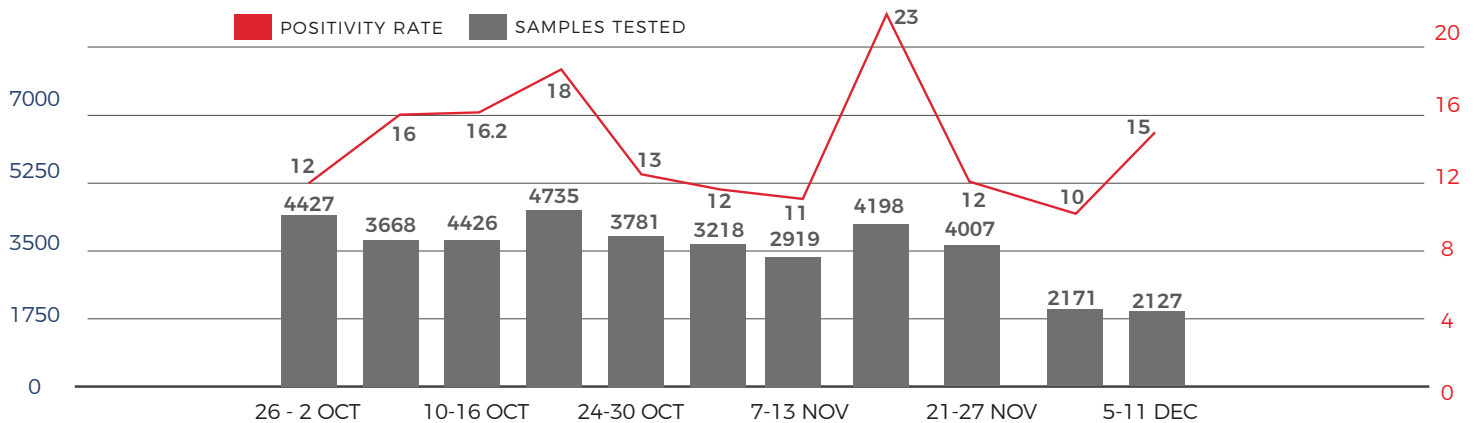
CONFIRMED CASES (weekly data)

329 confirmed cases this week

WEEKLY DATA OF CONFIRMED CASES AND DEATHS



WEEKLY DATA ON SAMPLE TESTING & SAMPLE POSITIVITY RATE



- **Sample positivity rate remains one of the highest in the country.**
- A total of 1,16,359 samples have been tested till date.

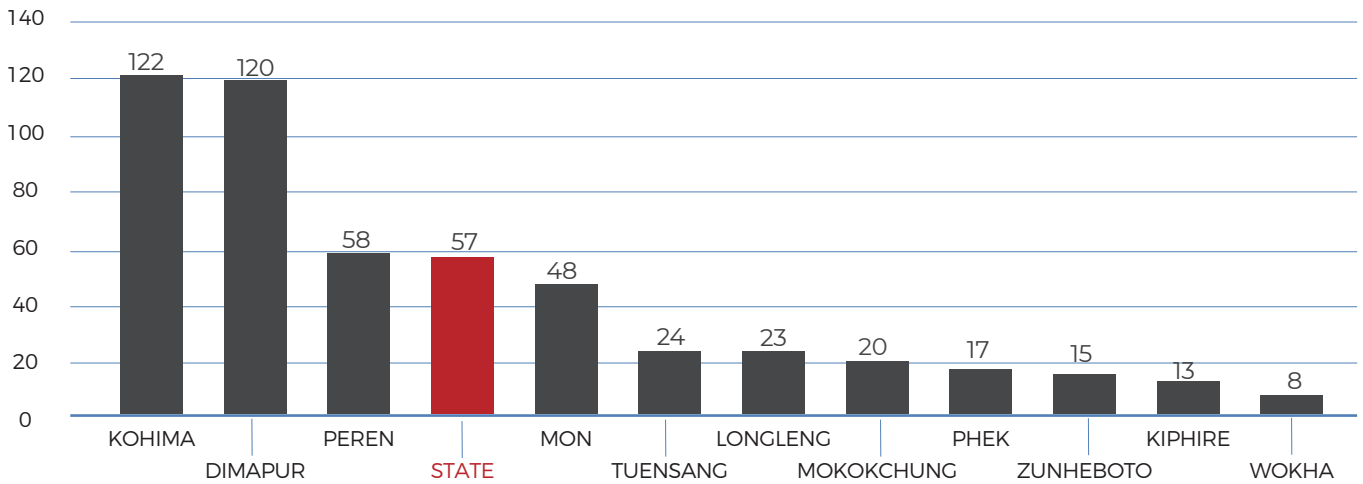
Till date

| TEST TYPE | NO OF TESTS | % |
|-----------|-------------|-----|
| BSL 2-3 | 70,934 | 61 |
| Truenat | 36,248 | 31 |
| RAT | 9,177 | 8 |
| Total | 1,16,359 | 100 |

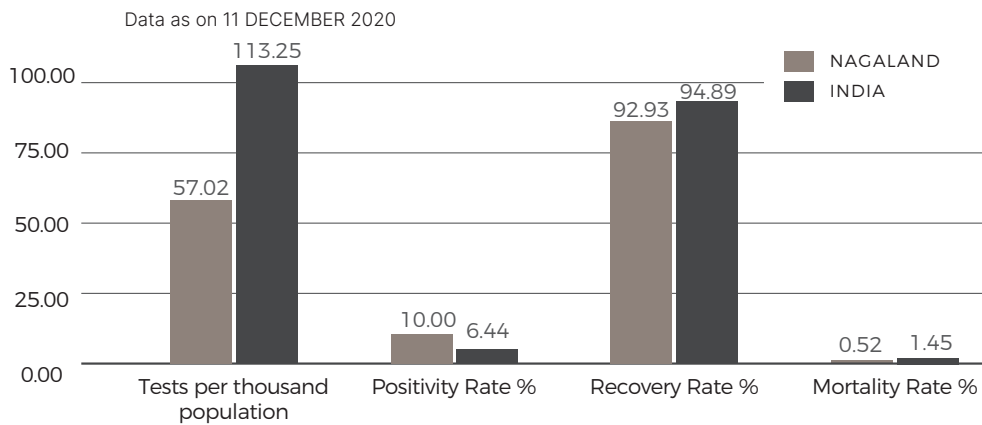
This Week

| Category | No of cases | % |
|----------------------|-------------|-----|
| Traced contacts | 220 | 67 |
| Security Personnel | 55 | 17 |
| Frontline Workers | 31 | 9 |
| Returnees/Travellers | 23 | 7 |
| Total | 329 | 100 |

DISTRICT WISE TESTING PER THOUSAND



TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES



BED OCCUPANCY RATE IN COVID HOSPITALS AND COVID CARE CENTERS (CCC)

| DISTRICT | COVID HOSPITAL | | COVID CARE CENTERS | | Currently under HOME ISOLATION |
|------------|----------------------------|------------------------|----------------------------|------------------------|--------------------------------|
| | Total admissions till date | Current occupancy Rate | Total admissions till date | Current Occupancy Rate | |
| Dimapur | 755 | 15 % | 2638 | 3 % | 110 |
| Kiphire | 7 | 21 % | 18 | 0 % | 4 |
| Kohima | 326 | 11 % | 2321 | 15 % | 194 |
| Longleng | 0 | 0 % | 11 | 0 % | 0 |
| Mokokchung | 6 | 1 % | 108 | 2 % | 0 |
| Mon | 28 | 0 % | 442 | 2 % | 7 |
| Peren | 54 | 5 % | 445 | 50 % | 1 |
| Phek | 31 | 0 % | 8 | 0 % | 0 |
| Tuensang | 67 | 5 % | 178 | 5 % | 12 |
| Wokha | 6 | 0 % | 32 | 21 % | 0 |
| Zunheboto | 81 | 0 % | 114 | 0 % | 2 |
| TOTAL | 1361 | 6 % | 6315 | 10 % | 330 |

Military and paramilitary facilities are not included

ACTIVE CASES

DATA AS ON 11 DECEMBER 2020

DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

| District | Total Cases | Active Cases | Deaths | Samples Tested | Tests per thousand population | Positivity Rate |
|------------|-------------|--------------|--------|----------------|-------------------------------|-----------------|
| Dimapur | 6209 | 185 | 34 | 47020 | 120 | 13.4 % |
| Kohima | 3570 | 355 | 21 | 33986 | 122 | 10.6 % |
| Mon | 624 | 10 | 2 | 12278 | 48 | 4.9 % |
| Peren | 571 | 19 | 0 | 5717 | 58 | 9.2 % |
| Tuensang | 244 | 42 | 1 | 4887 | 24 | 4.9 % |
| Zunheboto | 145 | 2 | 0 | 2131 | 15 | 6.7 % |
| Mokokchung | 122 | 2 | 1 | 3976 | 20 | 3.1 % |
| Wokha | 48 | 7 | 1 | 1390 | 8 | 2.8 % |
| Phek | 47 | 0 | 0 | 2779 | 17 | 1.6 % |
| Kiphire | 36 | 7 | 1 | 1002 | 13 | 3.5 % |
| Longleng | 18 | 0 | 0 | 1193 | 23 | 1.5 % |
| NAGALAND | 11634 | 629 | 61 | 116359 | 57 | 10 % |

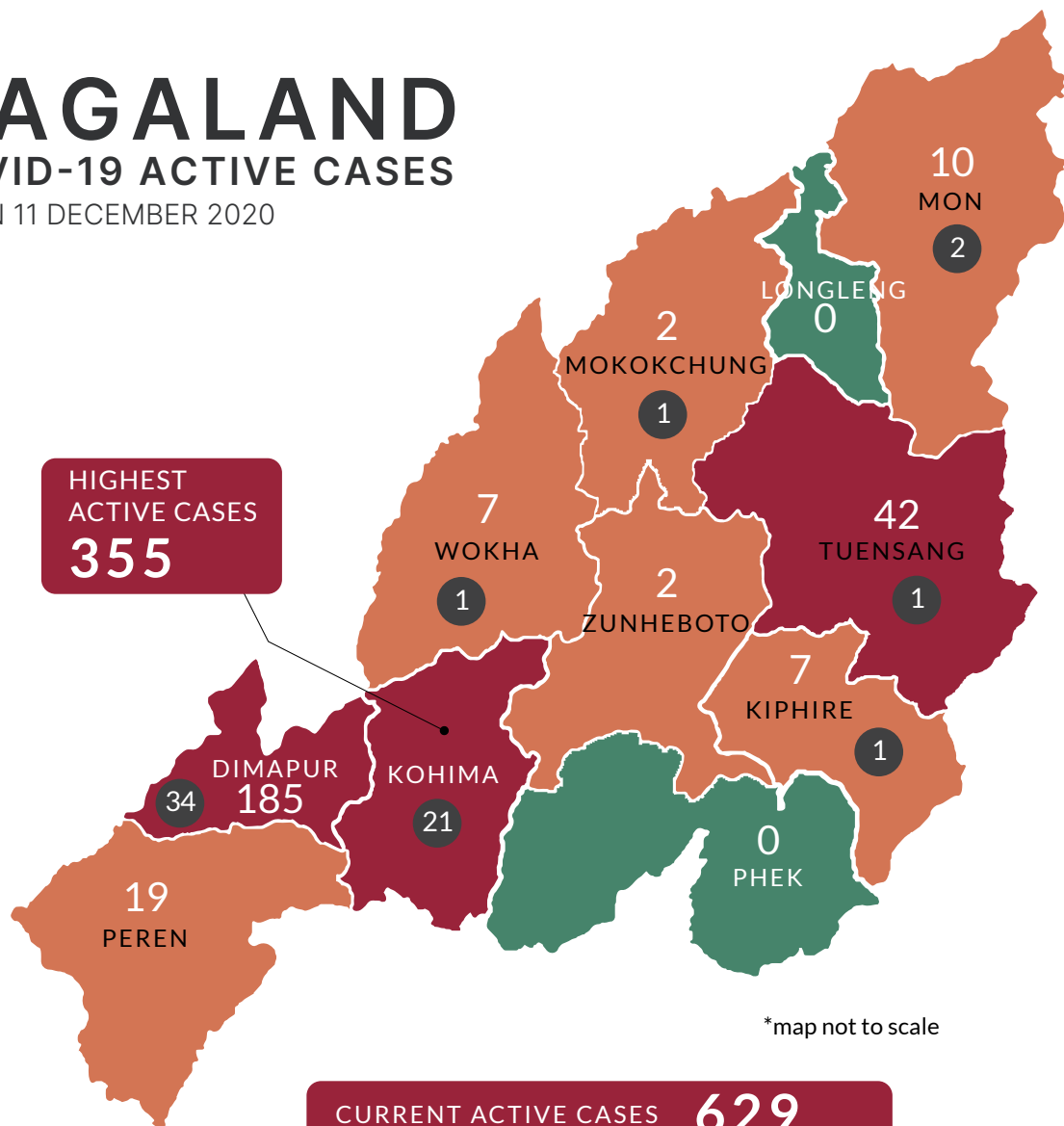
How do we stay safe during the pandemic?

The main mode of transmission is from Person to person. Everyone should strictly follow the 3 W's (Wash Hands, Watch Distance and Wear Mask) and AVOID the 3 C's (Crowded places, Close Contact Setting and Confined settings). This is the only proven preventive measure till date.

NAGALAND

COVID-19 ACTIVE CASES

AS ON 11 DECEMBER 2020



*map not to scale

CURRENT ACTIVE CASES **629**

● Total number of Covid-19 Deaths

PUBLIC APPEAL

For the safety of everyone in the community, the following public health measures are to be strictly noted;

1. If you have any COVID-19 like symptoms, please contact the state helpline or the respective district helplines immediately for testing and early management.
2. DO NOT go outside or meet anyone if you have COVID-19 like symptoms.
3. If you are tested positive, do not hesitate to disclose names of your contacts to the contact tracing teams. If you do not cooperate, you are directly spreading COVID-19 in the community.
4. If you are a CONTACT, you should come forward for testing as and when specified.
5. Do not wait for your symptoms to get worse and put your life at risk. The treatment available for COVID-19 is very limited but the TIMING of interventions like Oxygen, steroids, antivirals etc is extremely crucial.

Let us be responsible citizens and fight COVID-19 together.

CONTACT TRACING

A total of 32982 contacts have been traced of which 13961 are primary contacts by surveillance teams.

DISTRIBUTION OF POSITIVE TRACED CONTACTS BY OCCUPATION & SELF TEST

| Occupation/Place of infection | Cases | Percentage |
|-------------------------------|-------------|-------------|
| Household contacts | 1346 | 29 |
| Government employees | 1098 | 24 |
| Students | 874 | 19 |
| Self employed | 743 | 16 |
| Unemployed | 185 | 4 |
| Prison contacts | 138 | 3 |
| Migrant workers | 69 | 1 |
| Teachers | 42 | 1 |
| Church contacts | 33 | 0.7 |
| Convent contacts | 29 | 0.6 |
| Bakery/Restaurant employee | 24 | 0.5 |
| Bank Staff | 21 | 0.5 |
| Shelter home | 18 | 0.4 |
| Taxi Drivers | 17 | 0.4 |
| Media persons | 7 | 0.2 |
| TOTAL | 4644 | 100% |
| Symptomatic, Pre-op, Travel | 553 | 12% |

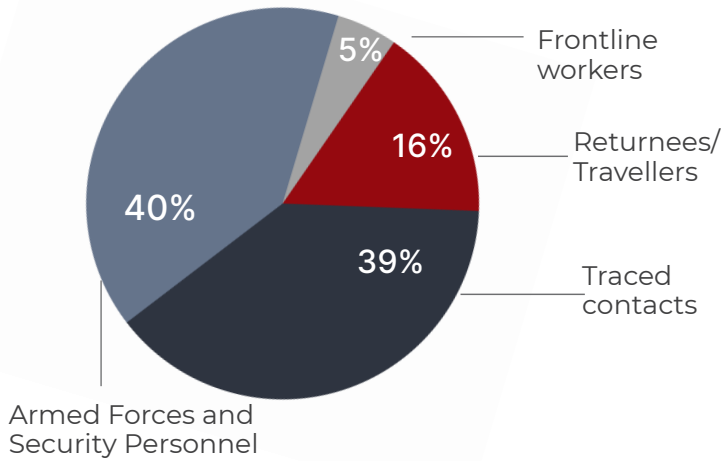
- Household contacts and workplaces (both high risk settings) continue to be the commonest place of infection.
- The positivity among symptomatic/ pre-op screening/ travel purposes coming to Flu clinics increased to 12% in the past two weeks, which is worrisome.
- The data of high household contacts, office goers, prison contacts and the recent spread among bank employees clearly points toward “living room/ closed space spread” and is a reason why COVID-19 is increasing.

0 cases from the community.

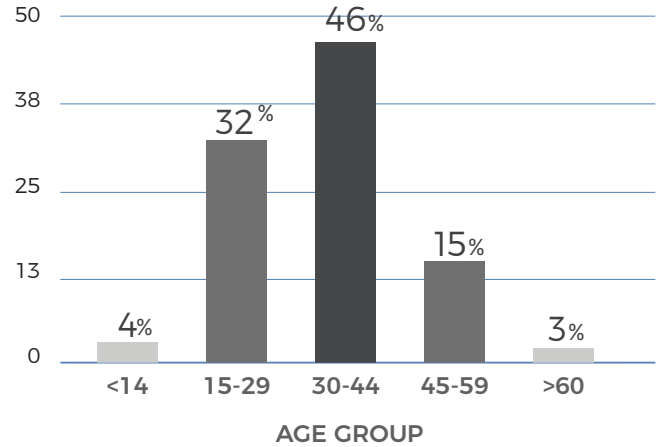
CATEGORIZATION OF TOTAL CONFIRMED CASES

Total confirmed cases till date: 11,634

GENERAL CATEGORIZATION OF CASES



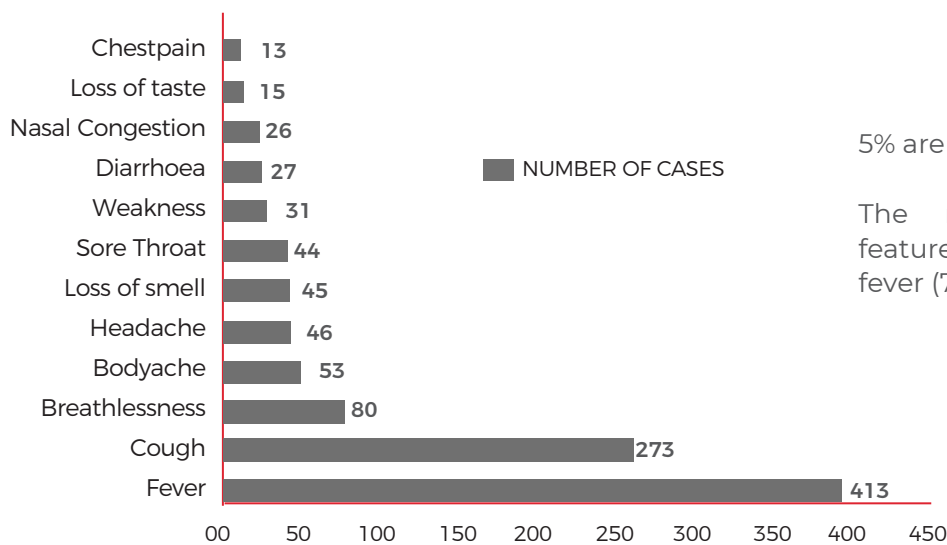
AGE DISTRIBUTION OF COVID-19 CASES



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% |

CLINICAL PRESENTATION OF SYMPTOMATIC CASES



5% are symptomatic.

The most common presenting feature among symptomatic cases is fever (76%) followed by cough (50%)

COVID-19 is highly infectious but many people do not show symptoms. This makes it even harder to control.

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

Contact us: nlsu.idsp@nic.in, pddhfw@gmail.com, warroomnagaland@gmail.com

 www.nagahealth.nagaland.gov.in

 [@MyGovNagaland](https://twitter.com/MyGovNagaland)

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 Coronaga



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