



Global Epidemiological update

COVID-19 has infected more than 60 million across the globe with more than 1.4 million reported deaths. The past week saw some decline in general incidence of cases but death rates continue to rise as infections increase in the high-risk groups. The European region remains the largest contributor of new cases and deaths. The USA has reported the maximum number of cases and deaths as a country.

Global | National | Regional | State

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
World	6,05,34,526	14,26,101	2.36%
India	93,09,787	1,35,715	1.46%
N.E. India	3,16,608	1,920	0.61%
Nagaland	11,091	57	0.51%

As on 27 November 2020

In the past week:

World: 39,10,883 cases and 70,138 deaths.

India: 3,05,422 cases and 3,553 deaths.

Nagaland: 483 cases and 7 deaths.

North Eastern States

State	Total Cases	No of Deaths	Death Rate
Assam	2,12,171	978	0.46 %
Tripura	32,610	370	1.13 %
Manipur	24,292	249	1.03 %
Meghalaya	11,581	110	0.95 %
Sikkim	4,871	102	2.09 %
Arunachal Pradesh	16204	49	0.30 %
Nagaland	11,091	57	0.51 %
Mizoram	3,788	5	0.13 %
Total	3,16,608	1,920	0.61 %

As on 27 November 2020

MANDATORY USE OF MASKS PREVENTS COVID-19 SPREAD SIGNIFICANTLY

Morbidity and Mortality Week Report by CDC, USA.

Counties in Kansas State (USA) which did NOT impose mandatory wearing of masks had a 100% increase in new cases whereas Counties with a mask mandate had a 6% decrease in new cases at the same time.

Wearing of masks is a social responsibility for safety of people and loved ones around you.

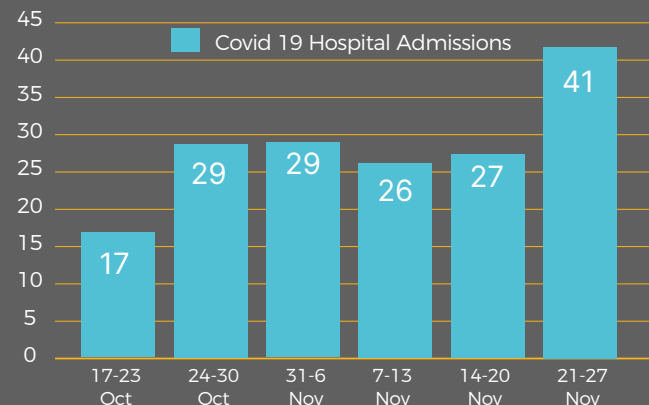
Enforcement of mask wearing by government agencies and the community should continue at this crucial juncture.

Major updates from the week: Summary

- There is a 52% increase in COVID-19 hospital admissions from the previous week signifying rise in symptomatic cases (moderate, severe or critical cases).
- 483 cases were reported from the week with 7 COVID-19 deaths.
- The sample positivity rate remains high at 9.9%. 68% deaths are below 60 years of age as the most affected age group is between 30-50 years.
- Diabetes, Hypertension, chronic kidney and liver diseases are the most common associated comorbidities among the deaths.
- Households and Workplaces continue to be the most common places of infection as "Living room" spread during family gatherings and events become very significant during the festive season. Safety in the workplace has been focused again in the new MHA (GOI) order.
- The positivity among symptomatic/ pre-op screening/ travel purposes coming to Flu clinics increased to 11%.
- 67% of cases this week were from TRACED CONTACTS in the community.

COVID HOSPITAL ADMISSIONS

Increase in Covid-19 Hospital admissions signifies an increase in symptomatic and moderate, severe or critical cases.



POST DIWALI SURGE

MHA, GOI issue new Order for stricter containment measures.

The past two weeks saw a new spike of cases in many states of India following Diwali celebrations, the arrival of winter and laxity in enforcement of COVID-19 appropriate behaviors as hospitals continue to get overwhelmed in many metros. **This calls for urgent and due care when the State goes into Christmas festivities very soon.**

The MHA (GOI) Order to the states dated 25th November 2020 calls for more stricter preventive and containment measures such as:

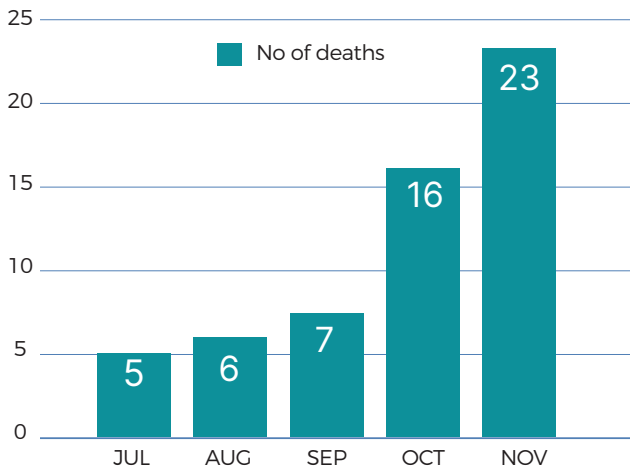
1. Strict enforcement of COVID-19 appropriate behaviors.
2. Enforcement of CONTAINMENT ZONES in colonies / areas with more cases or clusters.
3. Local restrictions like night curfew after assessing local situation.
4. Curb on social, religious gatherings by giving flexibility among states to reduce ceiling to 100 persons or less in closed spaces.
5. Strict work safety measures like attendance staggering and work from home arrangements.

COVID DEATHS

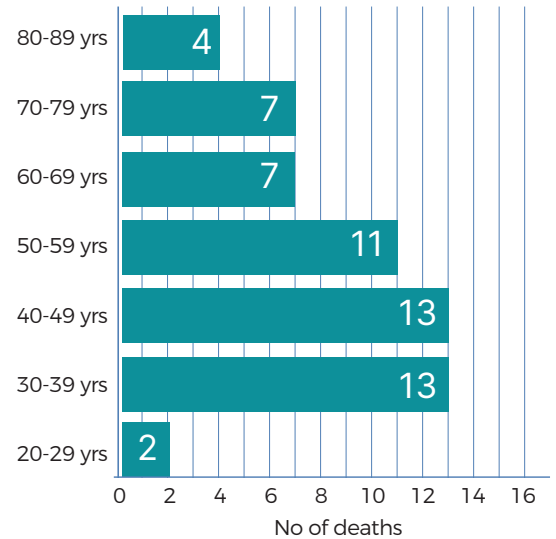
- Total Deaths: 57
- Median Age: 50 yrs
- Range: 24 - 88 yrs
- Gender: Males 77%
- Deaths with comorbidities: 81%

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

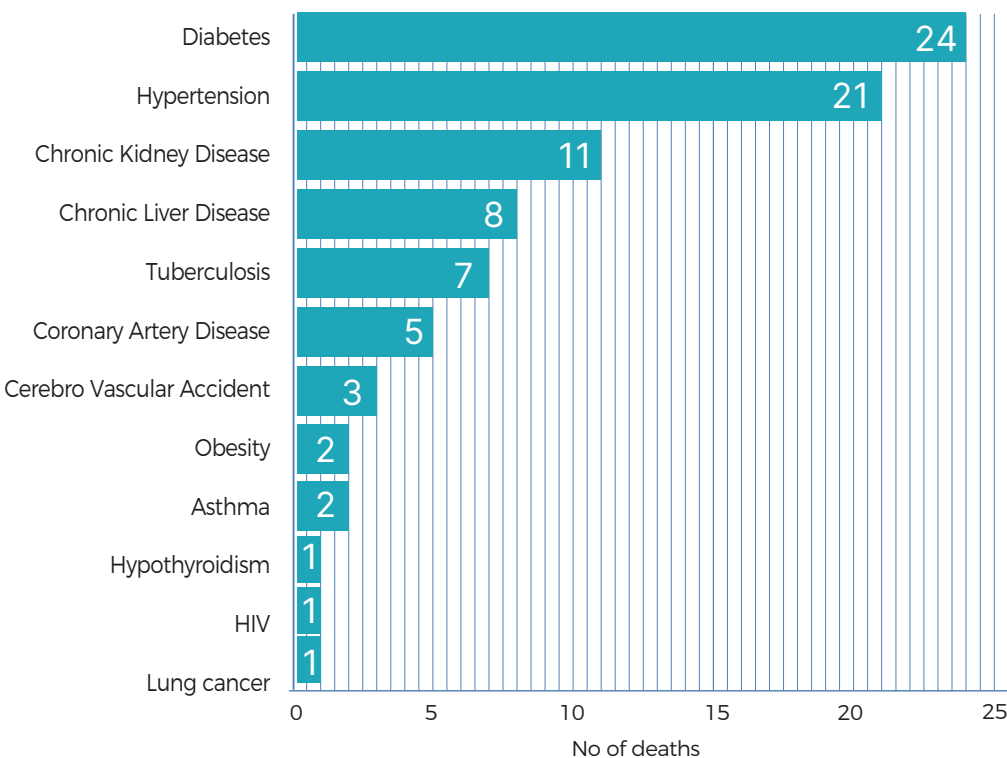
MONTHLY COVID-19 DEATHS



COVID-19 DEATHS BY AGE GROUP



DEATHS (ASSOCIATED COMORBIDITIES)



Most common comorbidities:
Diabetes & Hypertension

Multiple comorbidities are associated with a single patient.

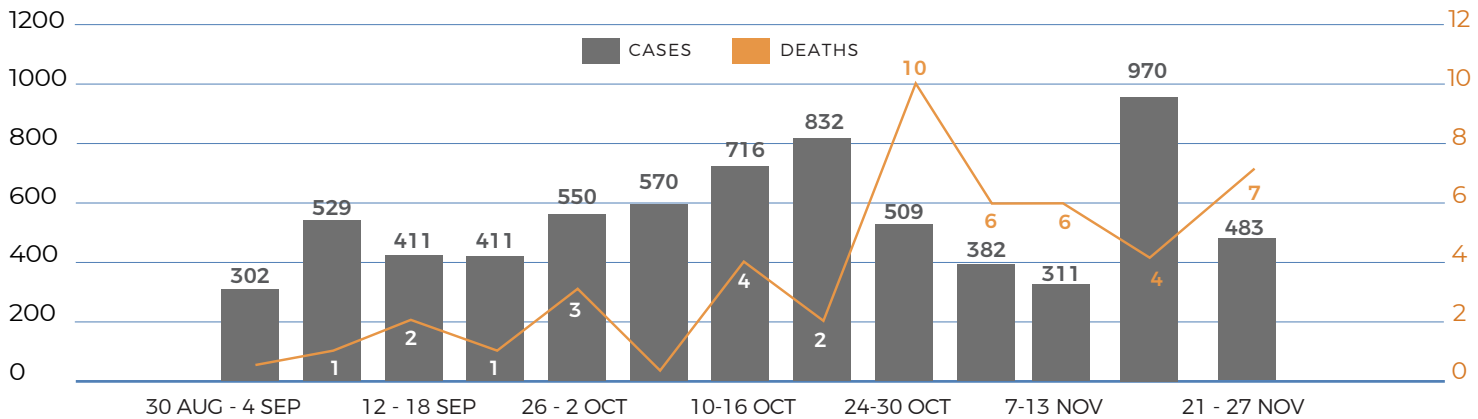
Most common affected age group is 40-49 years followed by the 30-39-years age group.

68% of deaths are below 60 years of age.

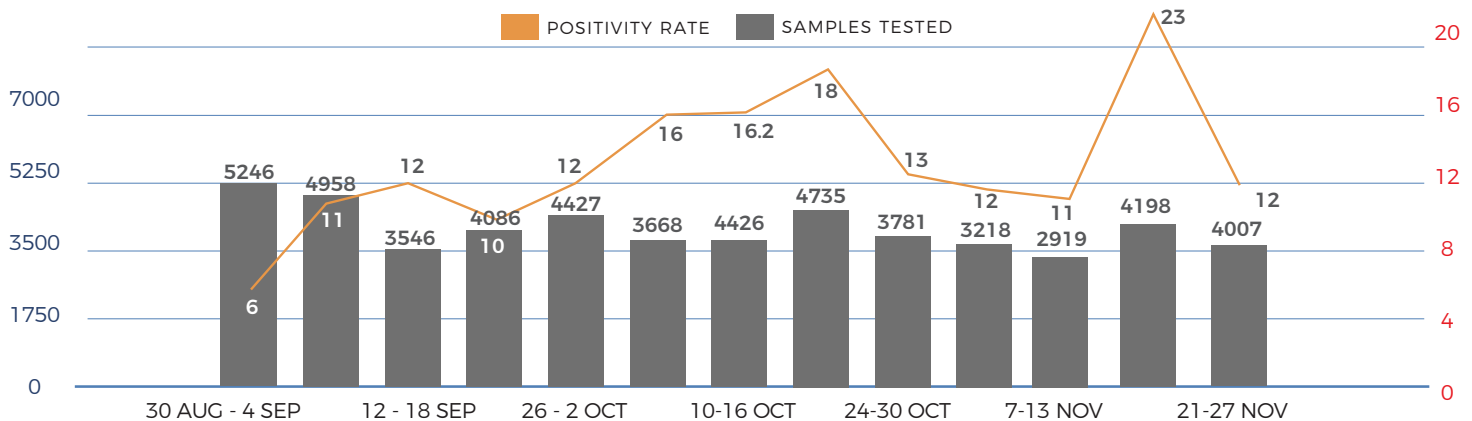
CONFIRMED CASES (weekly data)

483 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 112061 samples have been tested till date.

Till date

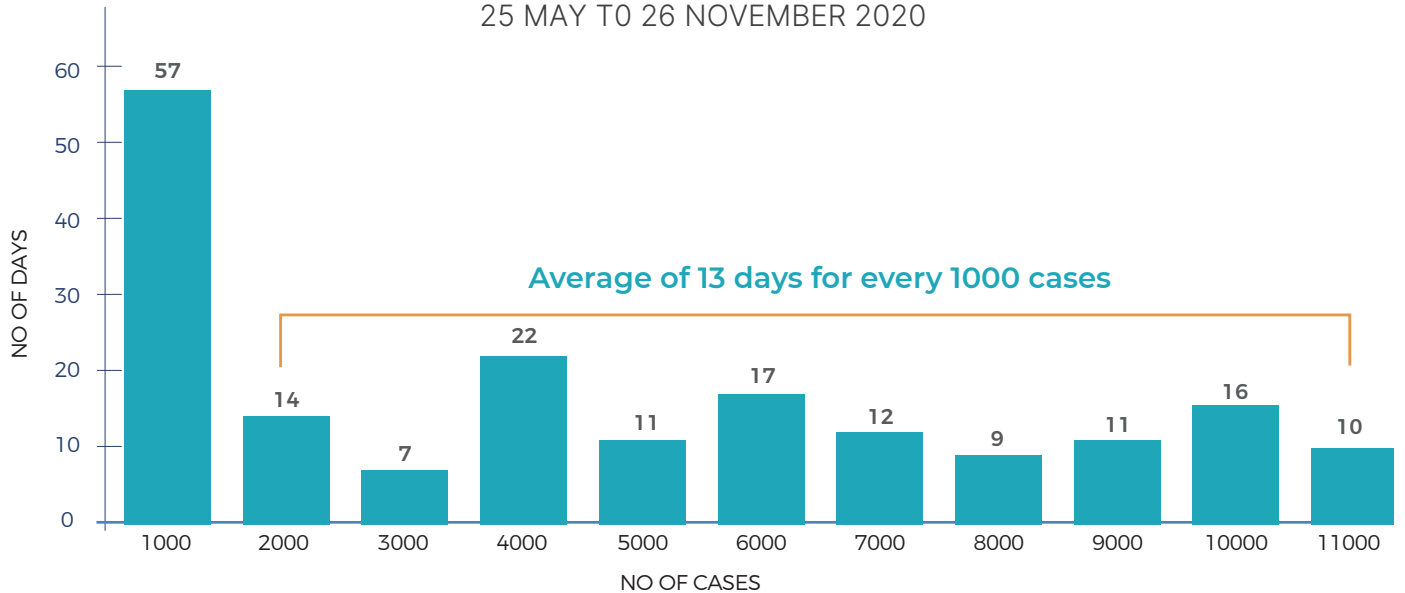
TEST TYPE	NO OF TESTS	%
■ BSL 2-3	68,706	61%
■ Truenat	35,916	32%
■ RAT	7,439	7%
Total	1,12,061	100%

This Week

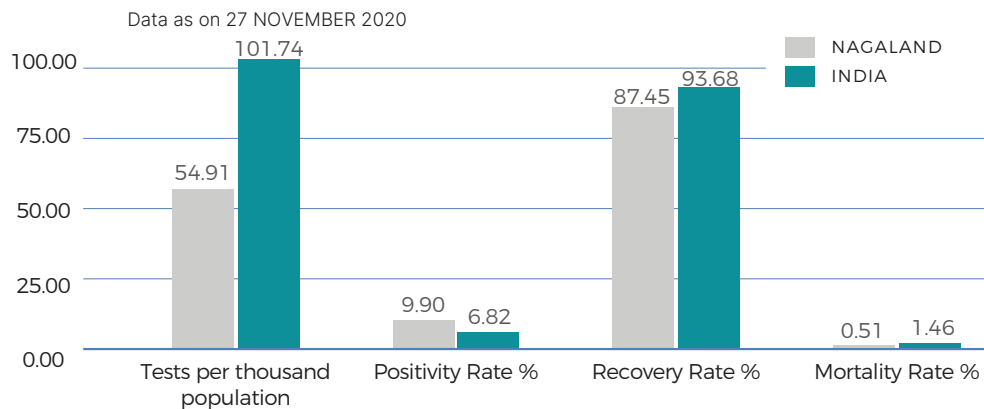
Category	No of cases	%
■ Traced contacts	322	67
■ Security Personnel	124	26
■ Frontline Workers	19	4
Returnees/Travellers	18	4
Total	483	100

NUMBER OF DAYS TAKEN FOR EVERY 1000 CASES

25 MAY TO 26 NOVEMBER 2020



TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES

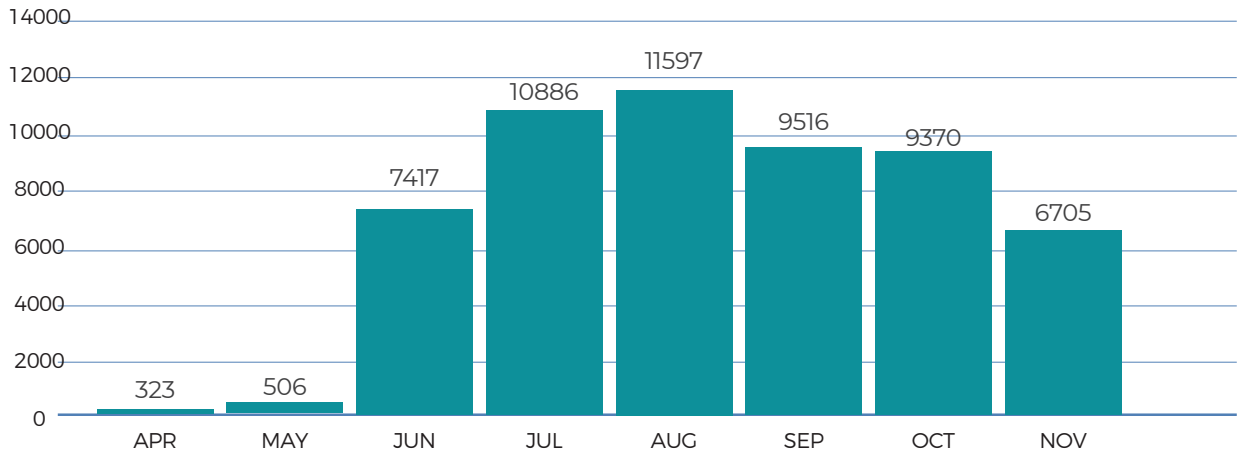


BED OCCUPANCY RATE IN COVID HOSPITALS AND COVID CARE CENTERS (CCC)

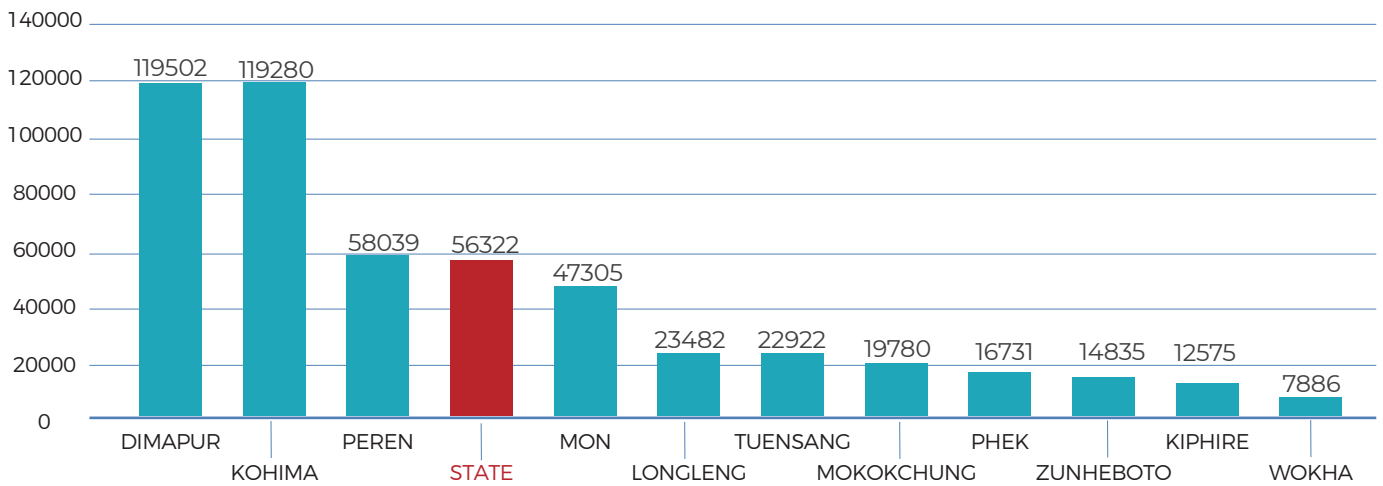
DISTRICT	COVID HOSPITAL		COVID CARE CENTERS		HOME ISOLATION Total cases till date
	Total admissions till date	Current occupancy Rate	Total admissions till date	Current Occupancy Rate	
Dimapur	735	29 %	2509	9 %	1323
Kiphire	6	0 %	18	0 %	7
Kohima	319	22 %	2179	11 %	807
Longleng	0	0 %	11	0 %	0
Mokokchung	5	1 %	106	0 %	6
Mon	28	0 %	439	3 %	149
Peren	54	14 %	430	658 %	12
Phek	31	0 %	8	4 %	8
Tuensang	57	7 %	176	60 %	30
Wokha	6	0 %	28	0 %	0
Zunheboto	81	0 %	114	1 %	8
TOTAL	1322	10 %	6018	18 %	2350

Military and paramilitary facilities are not included

STATE MONTHLY TESTING PER MILLION (APR - NOV 2020)



DISTRICT WISE TESTING PER MILLION

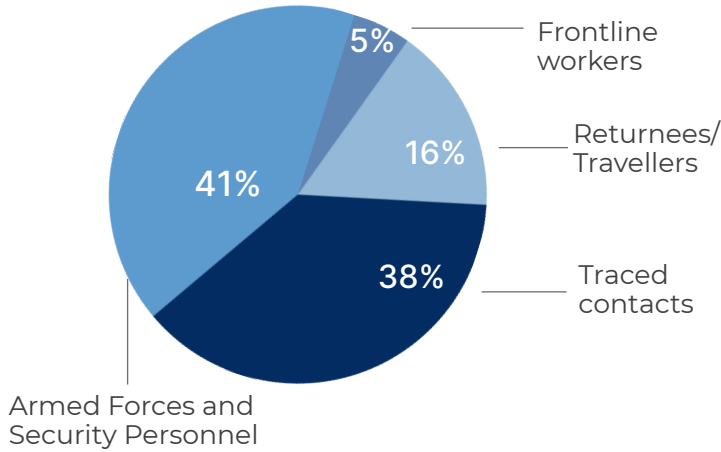


COVID-19 is highly infectious but many people do not show symptoms.
This makes it even harder to control, but still possible

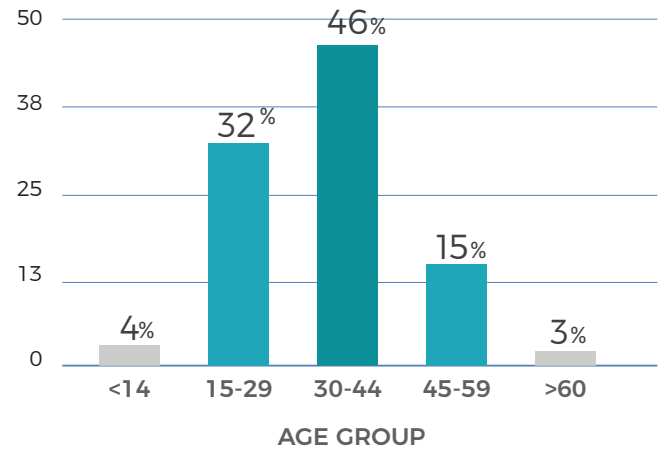
CATEGORIZATION OF TOTAL CONFIRMED CASES

Total confirmed cases till date: 11,091

GENERAL CATEGORIZATION OF CASES



AGE DISTRIBUTION OF COVID-19 CASES



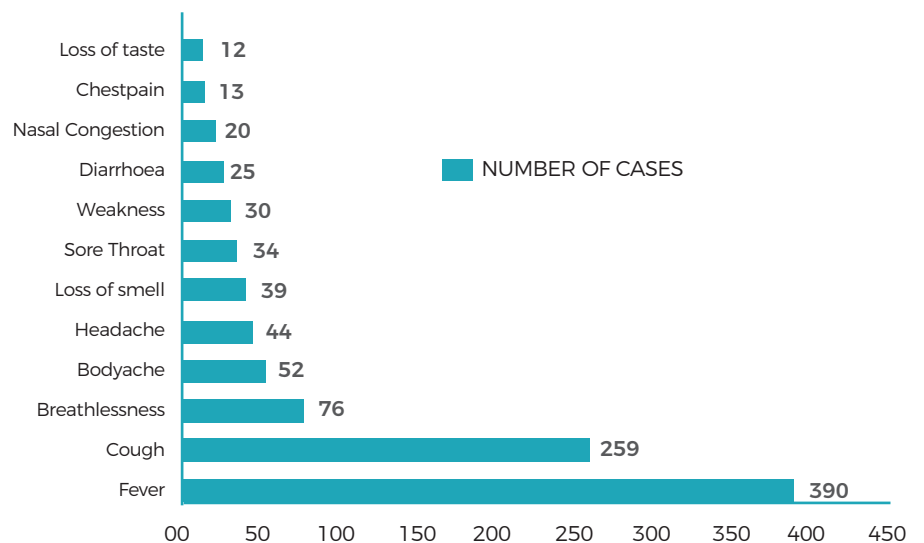
DISTRIBUTION OF CASES BY PLACE OF RESIDENCE

District	Cases	%
Dimapur	6018	54
Kohima	3285	30
Mon	620	6
Peren	557	5
Tuensang	217	2
Zunheboto	142	1
Mokokchung	120	1
Phek	47	0.4
Wokha	38	0.3
Kiphire	29	0.2
Longleng	18	0.1
Total	11091	100

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%
Gender	Male (79%)
Symptomatic Cases	5%

CLINICAL PRESENTATION OF SYMPTOMATIC CASES



Among 11091 cases, 5% (506/11091) have or had symptoms. The most common presenting feature among symptomatic cases is fever 77% (390/506) followed by cough 51% (259/506).

CONTACT TRACING

A total of 30,824 contacts have been traced of which 12,815 are primary contacts by surveillance teams.

DISTRIBUTION OF POSITIVE TRACED CONTACTS BY AGE-GROUP & OCCUPATION

Age Group	Cases	Percentage
0.1 - 10 yrs	298	7
11 - 20 yrs	547	13
21 - 30 yrs	1113	26
31 - 40 yrs	1078	25
41 - 50 yrs	645	15
51 - 60 yrs	384	9
61 - 98 yrs	221	5
TOTAL	4.286	100%

Gender	Cases	Percentage
Female	1623	38
Male	2663	62
TOTAL	4,286	100%

- Among the traced contacts, the most affected age group is 21-30 years at 26% followed by 31-40 years at 25% .
- The uncontrolled spread among the age group of 21-40 years is increasing risk in the higher age groups.

Occupation/Place of infection	Cases	Percentage
Household contacts	1234	29
Government employees	1048	24
Students	803	19
Self employed	701	16
Unemployed	159	4
Prison contacts	138	3
Migrant workers	58	1
Teachers	35	0.8
Church contacts	31	0.7
Bakery/Restaurant employee	24	0.5
Convent contacts	22	0.5
Shelter home	18	0.4
Taxi Drivers	8	0.2
Media persons	7	0.2
Symptomatic/ Pre-op/Travel	462	11
TOTAL	4,286	100%

- Positivity rate among household contacts 29% continue to remain more than the office goers
- The positivity rate among the students continues to rise at 19%.
- The positivity among symptomatic/ pre-op screening/ travel purposes coming to Flu clinics increased to 11%, which is worrisome.

The data of high household contacts clearly points toward “living room spread” and is a reason why COVID-19 is increasing. We should pay attention to the peril of small gatherings among family and friends who may appear healthy especially with the festive season around the corner.

ACTIVE CASES

DATA AS ON 27 NOVEMBER 2020

DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

District	Deaths	Active Cases	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	34	647	45483	116	13.4 %
Kiphire	1	1	939	12	3.0 %
Kohima	18	328	32515	117	10.2 %
Longleng	0	0	1188	23	1.5 %
Mokokchung	1	1	3830	19	3.1 %
Mon	1	33	11908	46	5.0 %
Peren	0	164	5533	57	9.2 %
Phek	0	3	2734	16	1.6 %
Tuensang	1	41	4524	22	4.7 %
Wokha	1	0	1312	8	2.2 %
Zunheboto	0	1	2095	14	6.7 %
NAGALAND	57	1219	112061	55	9.9 %

CURRENT DISTRIBUTION OF ACTIVE CASES

	COVID HOSPITALS	COVID CARE CENTERS	HOME ISOLATION	MILITARY ESTABLISHMENTS	TOTAL
TOTAL	57	350	591	221	1219
%	5%	29%	48%	18%	100%

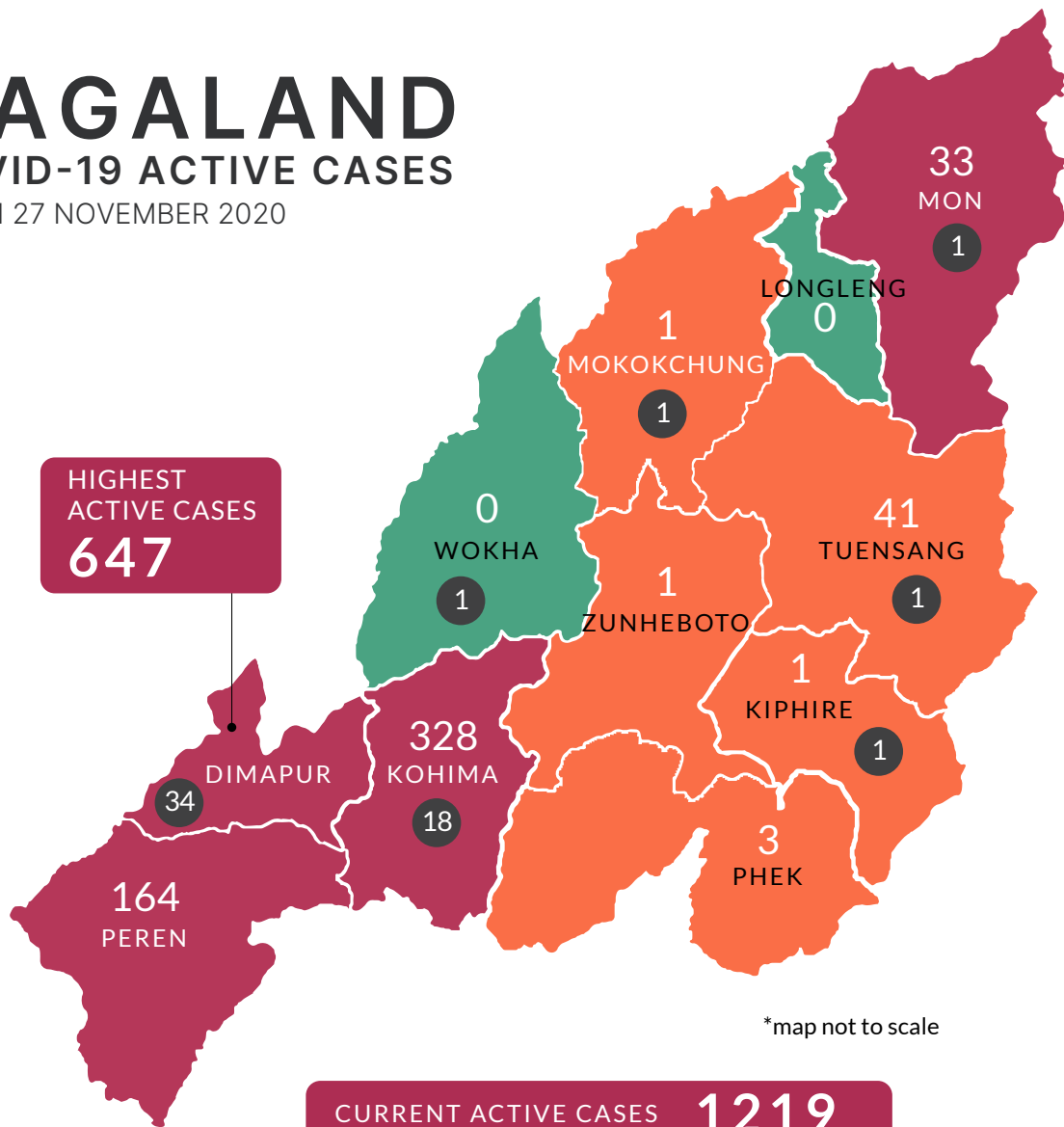
How do we stay safe during the pandemic?

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 27 NOVEMBER 2020



● 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.

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

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