



## GLOBAL EPIDEMIOLOGICAL UPDATE

52.4 million cases have been confirmed across the globe spanning 220 countries, territories or areas. More than 1.29 million people have died since the start of the Pandemic. The European region continues to account for the greatest number of new cases and deaths with more than 50% cases and deaths of the reporting week. The United States, France, India, Italy and the United Kingdom reported the highest number of cases in the past week. Africa continues to see a gradual increase in cases. South East Asia saw some increase in the past week after some weeks of stabilization.

## PUBLIC HEALTH AND SOCIAL MEASURES AS PER SITUATIONAL LEVEL:

The WHO has reclassified (4<sup>th</sup> November 2020) the levels of transmission of COVID-19 with recommended interventions which have worked for each situational level. As per the state's situational level, the following interventions will need to be reinforced strictly before things go out of hand;

**1. Strict implementation of the 3Ws** (Wear Mask, Watch Distance - 6 feet, Wash hands)

**2. Strict avoidance of the 3C's**

a. Crowded Places – No individual or organisation should plan events which will attract a crowd and where social distancing is compromised including sporting events.

**Sporting events should not encourage spectators**, as is done all over the world.

Organizers of any event should first ensure safety is not compromised at any level.

Crowding is a serious threat to safety - both indoors and outdoors.

b. Closed Spaces- There is enough evidence that closed spaces with compromised natural ventilation are high risk settings. Crowding

indoors should be strictly avoided and unavoidable gatherings should be held in an open space as far as possible. Workplaces and offices, restaurants, churches etc should strictly follow all safety measures including ventilation.

C. Close contact Settings: Meetings, events, gatherings where 6 feet distancing is compromised is a threat. Meetings over digital platforms is strongly encouraged rather than physical meetings. Work from home should be encouraged.

3. The state data of high household contacts (31% of all traced contacts) clearly points toward **"living room spread"** and is a reason why COVID-19 cases are increasing. We should now **pay attention to the peril of small gatherings among family and friends** who may appear healthy especially with the festive season around the corner.

**4. Community engagement and cooperation is the most crucial factor** in determining the success of any public health measure.

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
World	5,24,87,476	12,90,652	2.46%
India	87,28,795	1,28,668	1.47%
N.E. India	2,06,414	1,802	0.59%
Nagaland	9,638	46	0.48%

As of 13 November 2020

**In the past week:**

World: 39,52,968 and 59,635 deaths.

India: 3,17,071 cases and 3,683 deaths.

Nagaland: 311 and 7 deaths.

State	Total Cases	No of Deaths	Death Rate
Assam	2,09,835	957	0.46 %
Tripura	31,841	360	1.13 %
Manipur	21,211	207	0.98 %
Meghalaya	10,511	98	0.93 %
Sikkim	4,368	85	1.95 %
Arunachal Pradesh	15,701	47	0.30 %
Nagaland	9,638	46	0.48 %
Mizoram	3,309	2	0.06 %
Total	3,06,414	1802	0.59 %

As of 13 November 2020

**Weddings, Social Gatherings and the Pandemic**

A study published on the *Morbidity and Mortality Weekly report, CDC, USA* linked a wedding reception with 55 guests to 177 COVID-19 cases including 7 hospitalizations and 7 deaths. None of the hospitalized nor the death had attended the event but were only secondary contacts to the guests. The danger of community spread linked to such super spreader events have been seen across the globe and pose a similar threat in the state. The danger of undetected transmission which will surface weeks later with cases and deaths after such events need to be taken into account. While some events like weddings are unavoidable, the organizers should ensure all safety measures are enforced. The lesser the guests, the safer is the event. As responsible citizens, guests should be strictly limited as per the SOP of the state. You are responsible for the safety of the guests and their loved ones attending your event.

**Major updates from the week: Summary**

- 311 confirmed cases and 7 COVID-19 deaths were reported from the week.
- 63% of all deaths are below 60 years of age with 24-40 years (28%) as the most affected age group.
- 78% of the deaths had associated comorbidities with diabetes and hypertension as the most commonly associated comorbidities.
- The recovery rate crossed 90%.
- The high sample positivity rate of 9.3% continues to be higher than the national average
- 36% of deaths happened within 48 hours signifying late arrival to the hospital with very advanced symptoms. The key is early and timely intervention of the limited treatments available.
- Fever (78%) and cough (52%) are the most commonly reported symptoms.
- Household and workplaces are the most common places of infection among traced contacts.
- Symptomatic cases have increased to 5% from 0.7% and cases with comorbidity to 1% from 0.4% in the last two months along with a 1% increase in the 60 plus age group signifying an epidemiological shift to the high-risk groups.
- Among the traced contacts, the most affected age group is 21-30 years at 26% and 31-40 years at 26%. Among them, 63% (2132/3389) are males. This further endangers the high-risk groups.

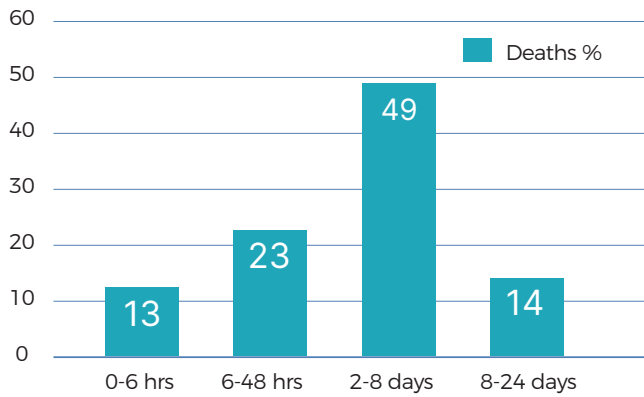
# COVID DEATHS

- Total Deaths: 46
- Mean Age: 47 yrs
- Range: 24 - 88 yrs
- Gender: Males 78%
- Deaths with comorbidities: 78%

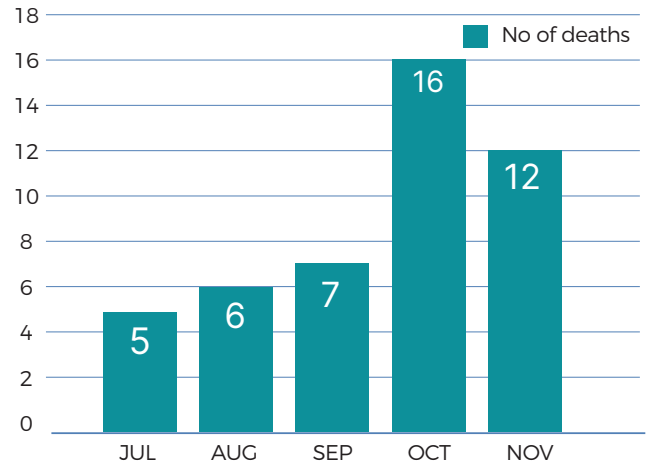
All COVID-19 deaths are certified by the state death committee as per ICMR and WHO ICD 10 guideline.

## TIMING OF DEATHS

Time between admission and death

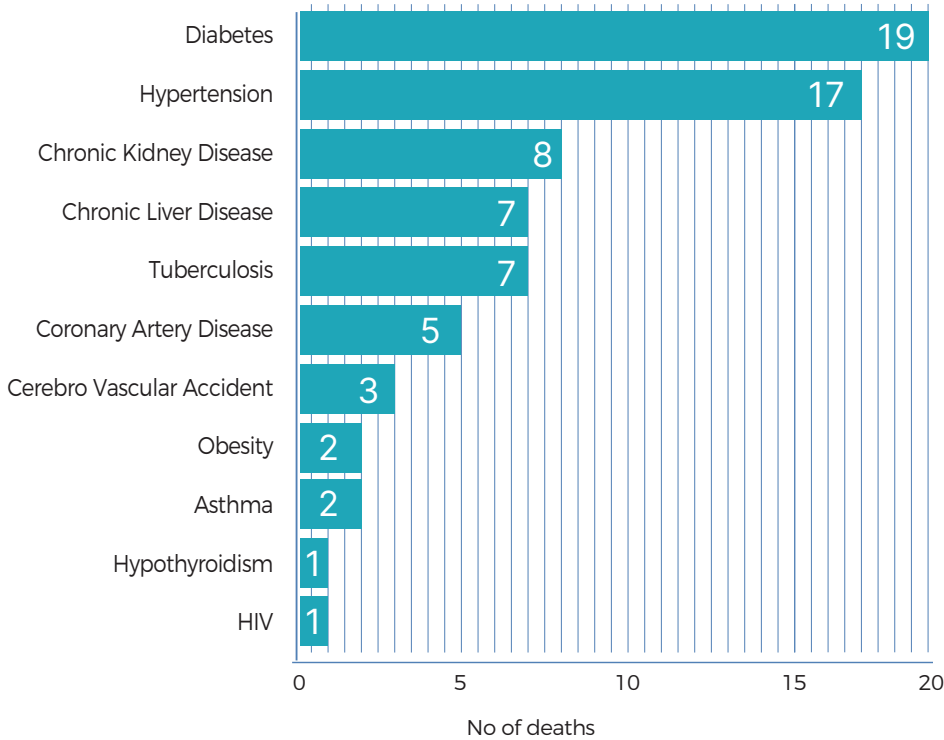


## MONTHLY COVID-19 DEATHS

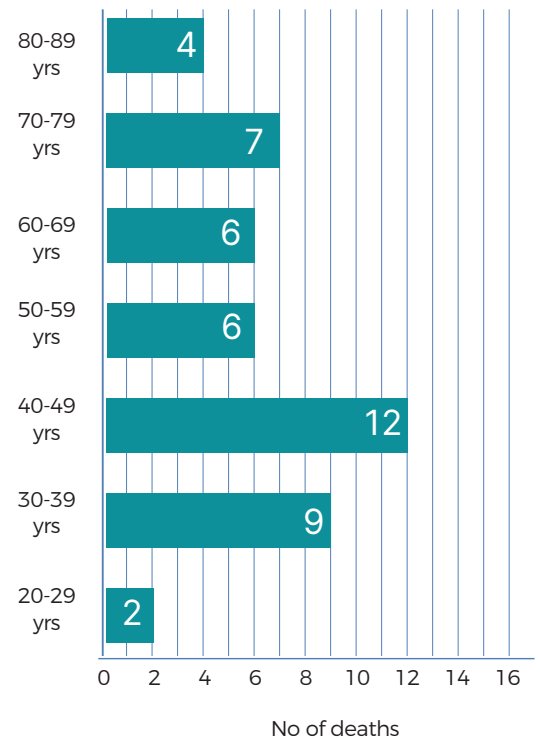


Most common comorbidities: Diabetes & Hypertension

## DEATHS (ASSOCIATED COMORBIDITIES)



## COVID-19 DEATHS BY AGE GROUP

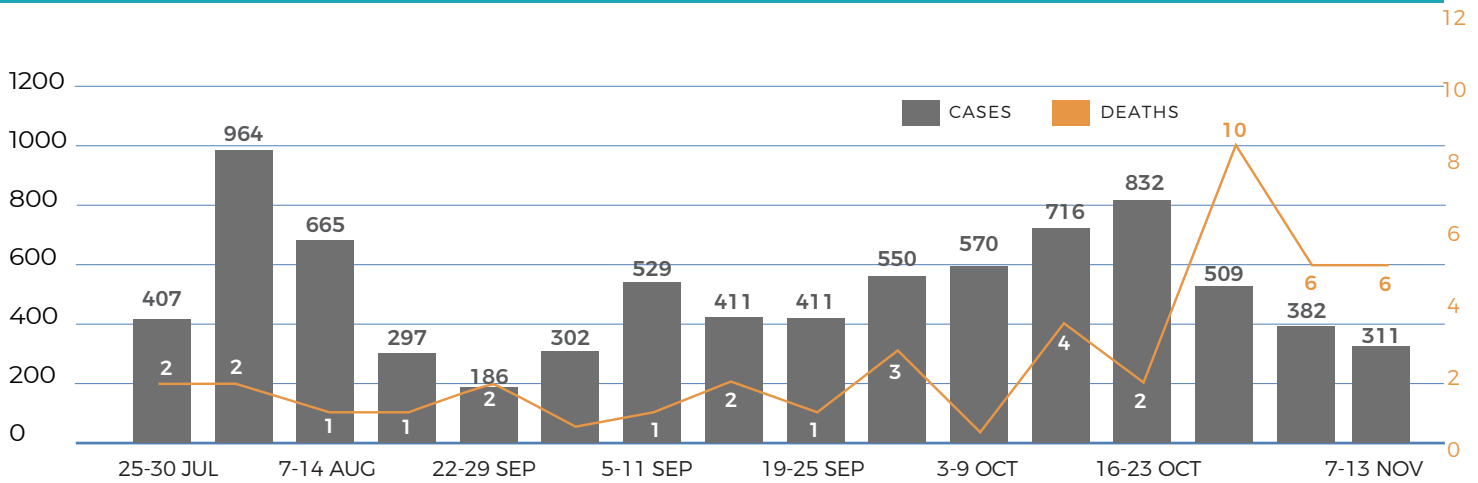


36% of deaths happened within 48 hours signifying late arrival to the hospital with very advanced symptoms. The key is early and timely intervention of the limited treatments available.

63% of deaths are below 60 years of age.

# CONFIRMED CASES (weekly data)

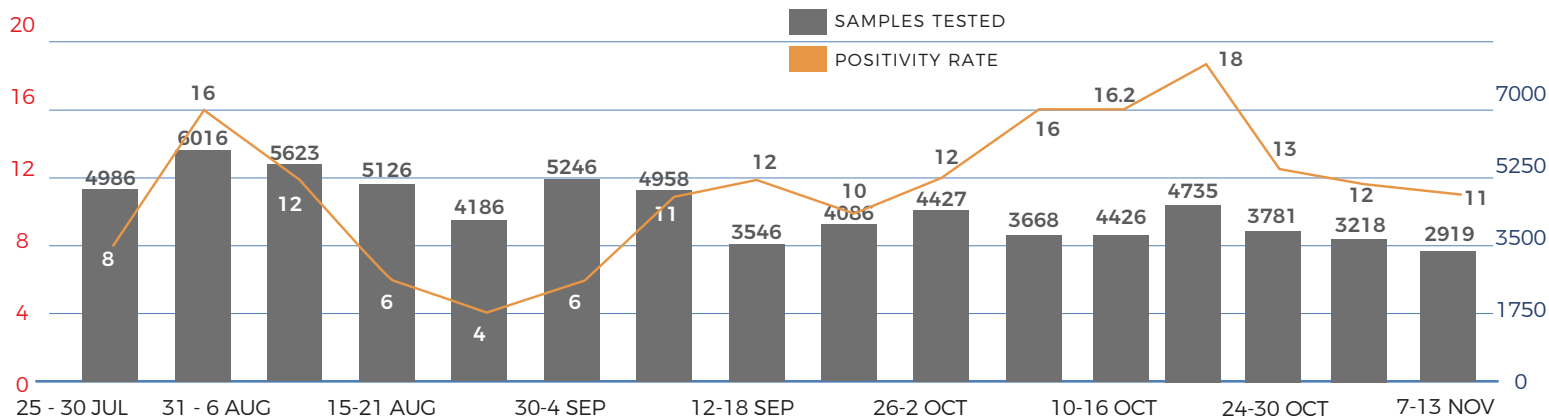
## WEEKLY DATA OF CONFIRMED CASES AND DEATHS



311 cases reported in the past week are:

- Traced contacts (198)
- Armed forces (75)
- Returnees/ travellers (25)
- Frontline workers (13)

## WEEKLY DATA ON SAMPLE TESTING & SAMPLE POSITIVITY RATE



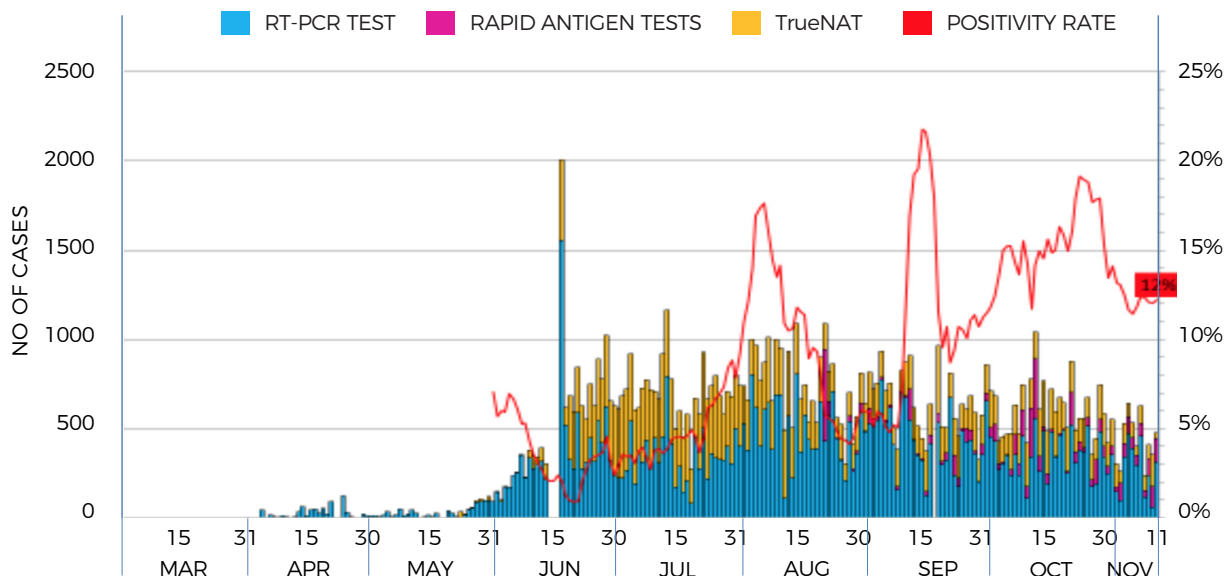
- 95% of all tests have been done by RT-PCR (BSL2/3 and Truenat), which is the gold standard test in the world.
- Sample positivity rate remains very high which could mean more undetected cases in the community.

7 - 13 NOV, 2020

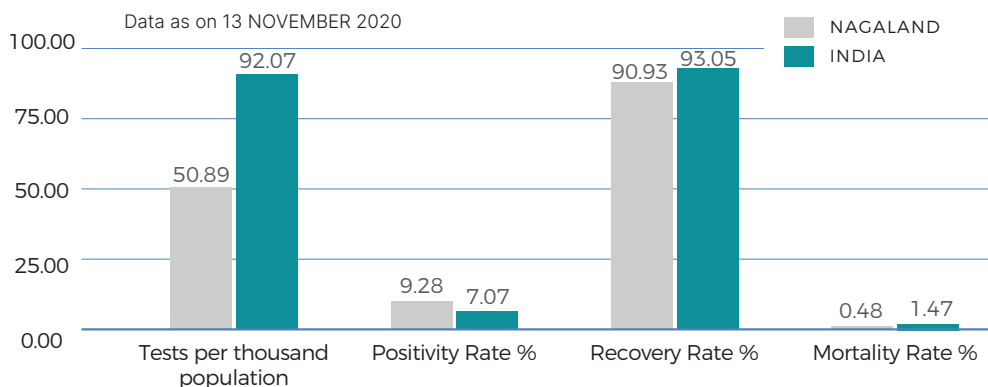
### TEST TYPE NO OF TESTS

BSL 2-3	1,584	54%
Truenat	651	22%
RAT	684	23%
Total	2,919	100%

# COVID-19 TESTING TIMELINE



## TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES



High sample positivity rate continues.

Recovery rate crosses 90%

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

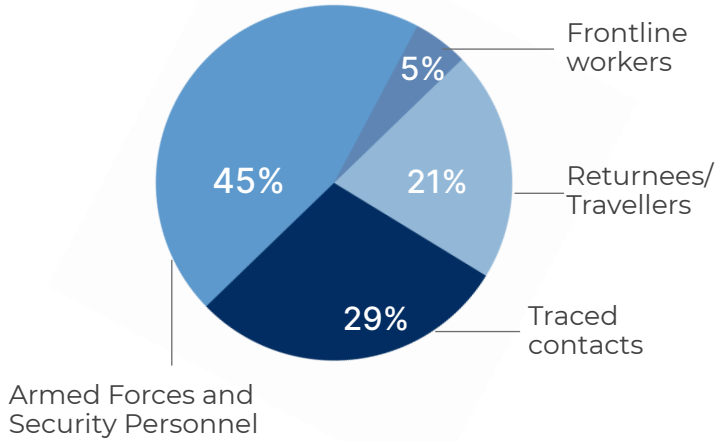
DISTRICT	COVID HOSPITAL		COVID CARE CENTERS		HOME ISOLATION Total cases till date
	Total admissions till date	Current occupancy Rate	Total admissions till date	Current Occupancy Rate	
Dimapur	702	15 %	2424	20 %	915
Kiphire	6	0 %	18	0 %	6
Kohima	296	12 %	1999	8 %	571
Longleng	0	0 %	11	0 %	0
Mokokchung	5	1 %	106	7 %	6
Mon	27	3 %	439	13 %	127
Peren	51	10 %	271	13 %	9
Phek	31	0 %	6	0 %	6
Tuensang	49	0 %	142	10 %	18
Wokha	6	0 %	28	0 %	0
Zunheboto	81	0 %	113	1 %	8
<b>TOTAL</b>	<b>1,254</b>	<b>6 %</b>	<b>5,557</b>	<b>10 %</b>	<b>1,666</b>

Military and paramilitary facilities are not included

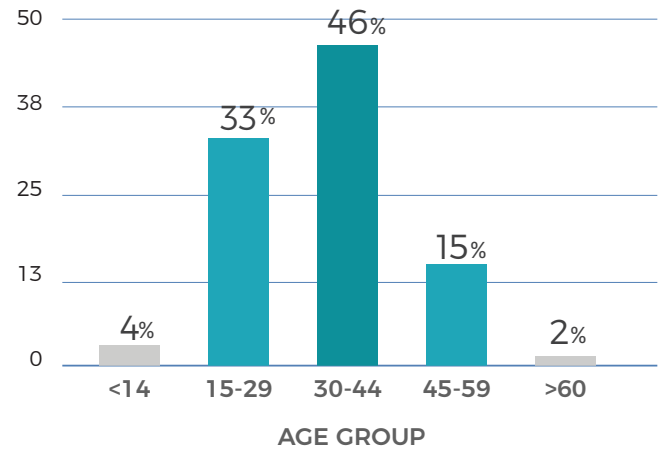
# CATEGORIZATION OF TOTAL CONFIRMED CASES

Total confirmed cases till date: 9,638

## GENERAL CATEGORIZATION OF CASES



## AGE DISTRIBUTION OF COVID-19 CASES



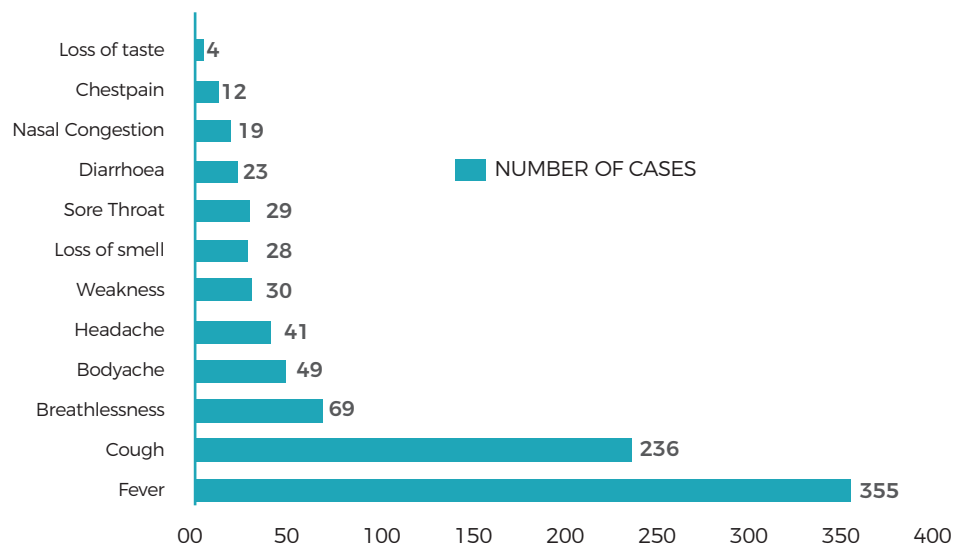
## DISTRIBUTION OF CASES BY PLACE OF RESIDENCE

District	Cases	%
Dimapur	5250	54
Kohima	2846	30
Mon	596	6
Peren	393	4
Tuensang	165	2
Zunheboto	141	1
Mokokchung	120	1
Phek	43	0.4
Wokha	38	0.4
Kiphire	27	0.3
Longleng	18	0.2
<b>Total</b>	<b>9,638</b>	<b>100</b>

## DESCRIPTIVE EPIDEMIOLOGY

Characteristics	Number/Percentage
Median Age	32 years
Range (Age)	1 month - 98 years
Cases with comorbidity	1%
Gender	Male (80%)
Symptomatic Cases	5%

## CLINICAL PRESENTATION OF SYMPTOMATIC CASES



The most common presenting feature among symptomatic cases is fever 78% (355/453) followed by cough 52% (236/453).

# CONTACT TRACING

A total of 28,386 contacts have been traced of which 11,962 are primary contacts by surveillance teams.

## DISTRIBUTION OF POSITIVE TRACED CONTACTS BY AGE-GROUP & OCCUPATION

Age Group	Cases	Percentage
0.1 - 10 yrs	240	7
11 - 20 yrs	426	12
21 - 30 yrs	881	26
31 - 40 yrs	868	26
41 - 50 yrs	501	15
51 - 60 yrs	292	9
61 - 98 yrs	181	5
<b>TOTAL</b>	<b>3,389</b>	<b>100%</b>

- Among the traced contacts, the most affected age group is 21-30 years at 26% (881/3389) and 31-40 years at 26% (868/3389). Among them, 63% (2132/3389) are males.
- The uncontrolled spread among the age group of 21-40 years is increasing risk in the higher age groups.
- There is a 1% increase in cases among 51-60 years age group in the past one week, which is a big concern.

Gender	Cases	Percentage
Female	1257	37
Male	2132	63
<b>TOTAL</b>	<b>3,389</b>	<b>100%</b>

Occupation/Place of infection	Cases	Percentage
Household contacts	1039	31
Government employees	801	24
Students	624	18
Self employed	542	16
Unemployed	122	4
Prison contacts	91	3
Migrant workers	52	2
Teachers	28	0.8
Church contacts	29	0.8
Bakery/Restaurant employee	24	0.7
Convent contacts	19	0.6
Old age home	18	0.5
Symtomatic/Pre-op/Travel	281	8
<b>TOTAL</b>	<b>3,389</b>	<b>100%</b>

- Positivity rate among household contacts 31% (1039/3389) continues to remain more than the office goes 24% (801/3389).
- The positivity rate among the students continue to remain steady at 18%.
- The increase among symptomatic/ pre-op screening/ travel purposes coming to Flu clinics at 8% is worrisome.

# ACTIVE CASES

## DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

District	Deaths	Active Cases	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	29	413	43,023	110	12.4 %
Kiphire	0	0	861	11	3.0 %
Kohima	13	204	29,675	107	9.7 %
Longleng	0	0	1,159	22	1.6 %
Mokokchung	1	7	3,647	18	3.3 %
Mon	1	85	11,261	44	5.1 %
Peren	0	8	4,600	47	7.5 %
Phek	0	3	2,484	15	1.7 %
Tuensang	1	4	3,867	19	4.1 %
Wokha	1	0	1,295	8	2.2 %
Zunheboto	0	1	1,984	14	7.0 %
NAGALAND	46	725	1,03,856	51	9.3 %

## CURRENT DISTRIBUTION OF ACTIVE CASES

	COVID HOSPITALS	COVID CARE CENTERS	HOME ISOLATION	MILITARY ESTABLISHMENTS	TOTAL
TOTAL	30	207	322	166	725
%	4%	29%	44%	23%	100%

## How do we stay safe during the pandemic?

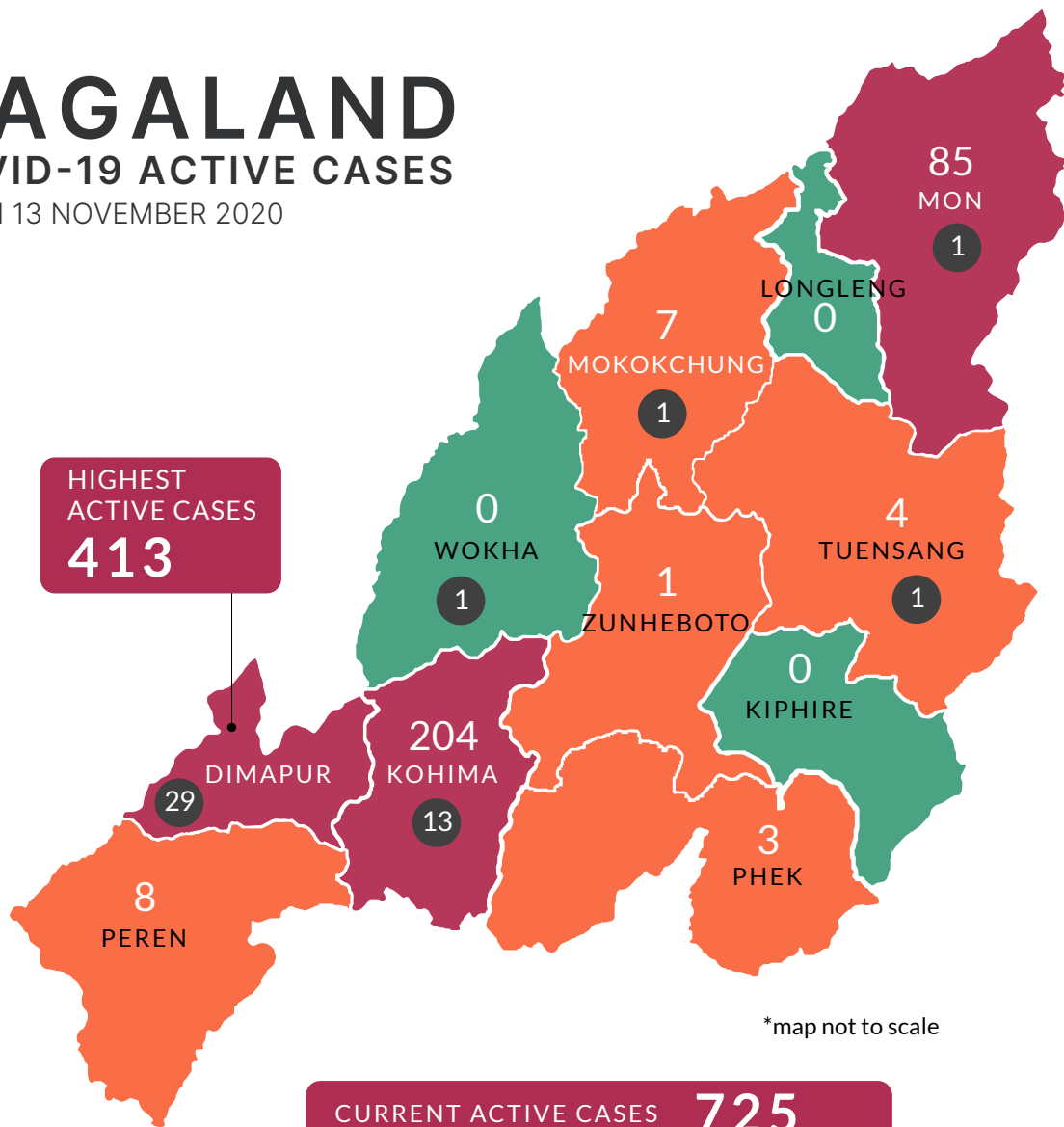
The main mode of transmission is from Person to person. Everyone should strictly follow the 3 W's (Wash Hands, Watch Distance and Wear Mask) and AVOID the 3 C's (Crowded places, Close Contact Setting and Confined settings). This is the only proven preventive measure till date.



# NAGALAND

## COVID-19 ACTIVE CASES

AS ON 13 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: [nlssu.idsp@nic.in](mailto:nlssu.idsp@nic.in), [pddhfw@gmail.com](mailto:pddhfw@gmail.com), [warroomnagaland@gmail.com](mailto:warroomnagaland@gmail.com)

 [www.nagahealth.nagaland.gov.in](http://www.nagahealth.nagaland.gov.in)

 @MyGovNagaland

 [www.covid19.nagaland.gov.in](http://www.covid19.nagaland.gov.in)

 @HealthNagaland

 [www.nsdma.nagaland.gov.in](http://www.nsdma.nagaland.gov.in)

 Coronaga



Principal Director  
Department of Health and Family Welfare  
Kohima: Nagaland