



GLOBAL UPDATE

The past week recorded the maximum number of infections worldwide in a single week. More than 44.8 million people have been infected with more than 1.17 million deaths across the globe till date. Europe continues to see the maximum number of cases for the second week in a row as the winter wave continues its surge with hospitals and ICUs reaching maximum occupancy. South East Asia continues to show some decline in deaths and number of cases including India. India's recovery rate improves to more than 90% as total active cases goes below 6 lakhs for the first time.

SECONDARY ATTACK RATE IN COVID-19:

The probability that the infection occurs among susceptible persons from a primary case.

The Secondary attack rate in the same household varies from 4% to around 50% across the globe. In the same house if someone is positive, the chances of getting another family member infected ranges from 4% to 50%. The factors which increase chances of infection are symptomatic primary case, elderly, comorbid conditions, non-adherence to safety measures and even natural immunity and other factors in the host which is still not fully understood. The timing of the sampling is also critical. The same technology and method of testing as anywhere in the world is used in the state.

EARLY CLINICAL INTERVENTIONS IN COVID-19:

With limited clinical interventions available, the TIMING of intervention becomes absolutely critical in saving a life and in avoiding post-covid sequelae. Citizens should contact helpline and seek medical care immediately without delay. Many deaths have happened due to patients presenting late in the hospital. The timing of Oxygen or steroid therapy along with other proven interventions if done timely could be lifesaving. In COVID management, it is all about the TIMING.

CONTACT TRACING & TESTING:

Contact tracing is a very effective time-tested method to break the transmission of any infectious disease. All contacts as decided by the surveillance teams are isolated and tested accordingly. **The state is noticing an alarming situation where positive cases are NOT NAMING CONTACTS to the contact tracing teams due to pressure from peers. If you do not name contacts or come for testing, you are directly involved in spreading the disease. This is a punishable offence under the Epidemic Disease Act.** The Digital surveillance teams and cyber security are on track to identify such offenders. Moreover, every citizen has a moral responsibility to keep the community safe. Testing is also free for whoever falls under the contact tracing list and for symptomatic cases.

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
World	4,48,88,869	11,78,475	2.63%
India	80,88,851	1,21,090	1.50%
N.E. India	2,93,852	1,654	0.56%
Nagaland	8,954	33	0.37%

As of 30 October 2020

In the past week:

India: 3,27,539 cases and 3,784 deaths

World: 33,17,986 and 43,535 deaths

North Eastern States

State	Total Cases	No of Deaths	Death Rate
Assam	2,05,635	923	0.45 %
Tripura	30,663	346	1.13 %
Manipur	18,051	160	0.89 %
Meghalaya	9,303	87	0.94 %
Sikkim	3,893	67	1.72 %
Arunachal Pradesh	14,668	37	0.25 %
Nagaland	8,945	33	0.37 %
Mizoram	2,694	1	0.04 %
Total	2,93,852	1,654	0.56 %

As of 30 October 2020

Major updates from the week: Summary

- October month has reported the maximum number of cases and deaths till date.
- ICU admissions have increased 5 times during the month of October. 15 out of 33 deaths were reported in October and 73% of all deaths were reported from Dimapur.
- 60% of all deaths are below 60 years of age. Hypertension and Diabetes are the most common associated comorbidities. This is alarming due to the high prevalence of non-communicable diseases (Hypertension, Diabetes, Heart diseases.) in the state.
- 509 cases were reported in the past week out of which 60% are traced contacts. 57% of all cases in October are from Traced Contacts. The percentage of traced contacts was only 7 % in July.
- 52 % of Traced Contacts are in the 21-40 years age group which poses high risk to the older age groups. These age groups are expected to follow all safety measures and strictly avoid SOCIAL EVENTS and gatherings.
- In the past week, there was a 1% increase in the 60 plus age group which indicates an epidemiological shift from the younger to the older age groups. The percentage of traced contacts in the 60 plus age group is now 5 %.
- Close contact settings (Household, offices, restaurants, prison, church, old age home etc) are seeing more and more infections. Household (28%) and Offices (23%) continue to be the most common places.
- Fever (77%), cough (48%) and shortness of breath are the most common reported symptoms.
- Infections in people with comorbidities (0.73%) is slowly increasing.
- Recovery has crossed 80% among the confirmed cases.

COVID DEATHS

- Total Deaths: 33
- Median Age: 57 yrs
- Range: 28 - 88 yrs
- Gender: Males 73%
- 60% of deaths are below 60 years of age.

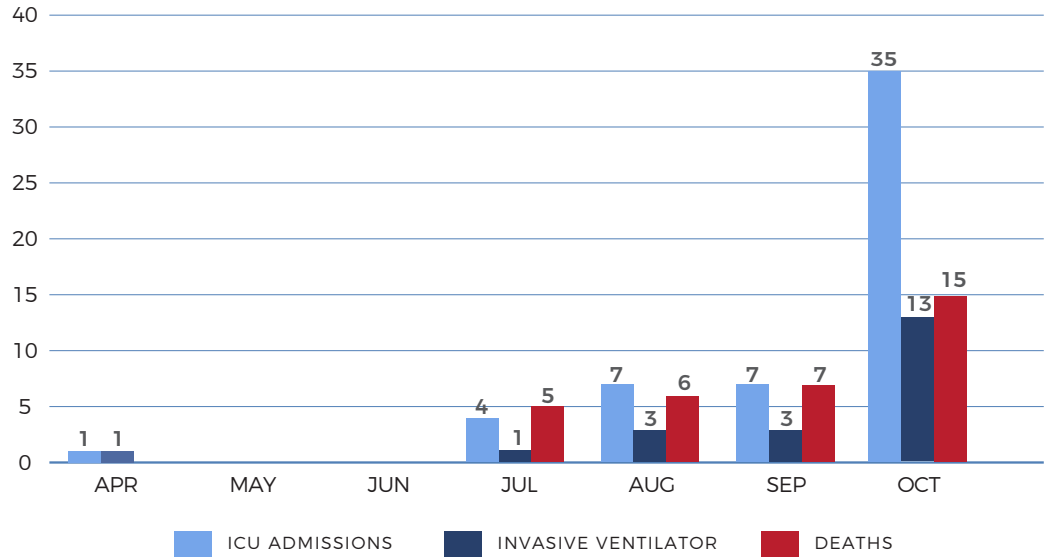
CRITICAL CASES AND DEATHS- MONTHLY TREND

October has reported the maximum number of Critical cases needing ICU care and invasive ventilation.

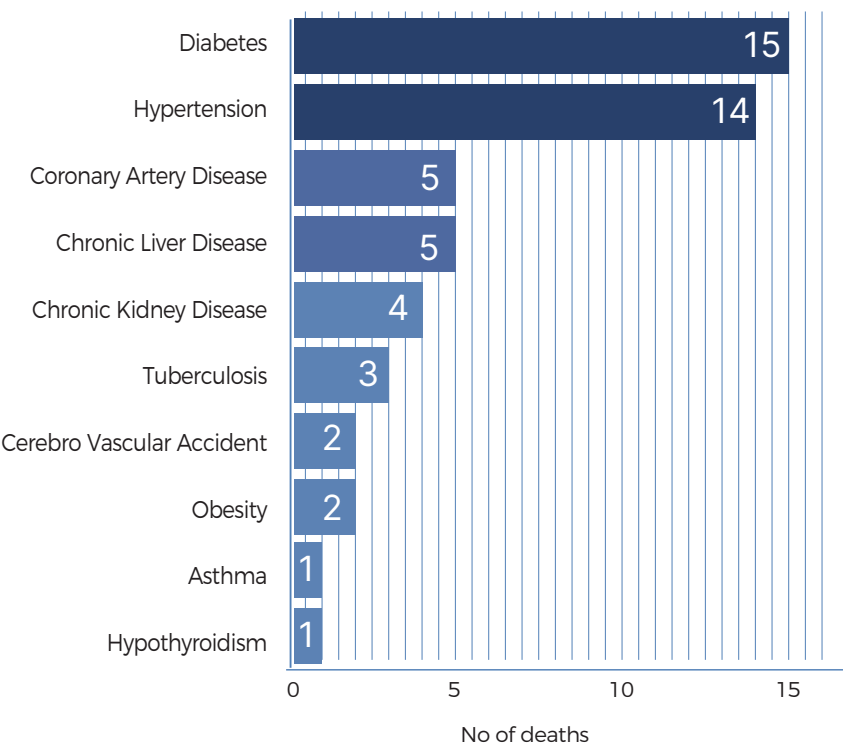
Nearly half of all COVID-19 deaths were in October.

District wise deaths:

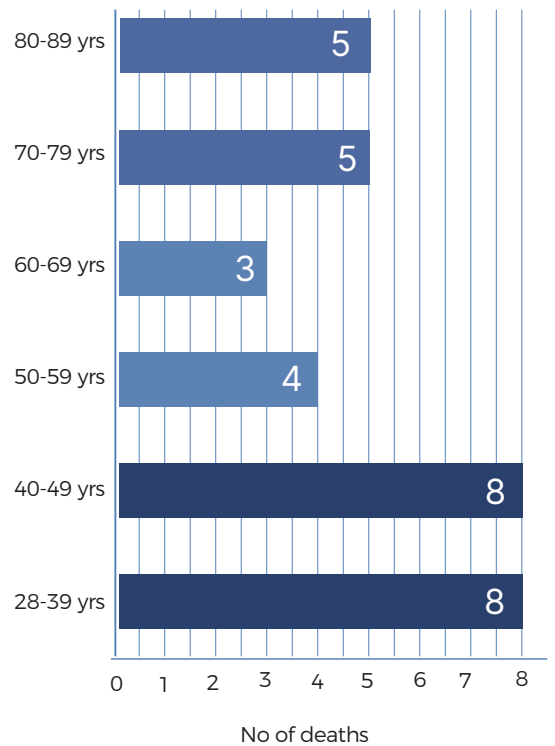
- Dimapur (24)
- Kohima (6)
- Mon (1)
- Mokokchung (1)
- Wokha (1)



DEATHS (ASSOCIATED COMORBIDITIES)



COVID-19 DEATHS BY AGE GROUP



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

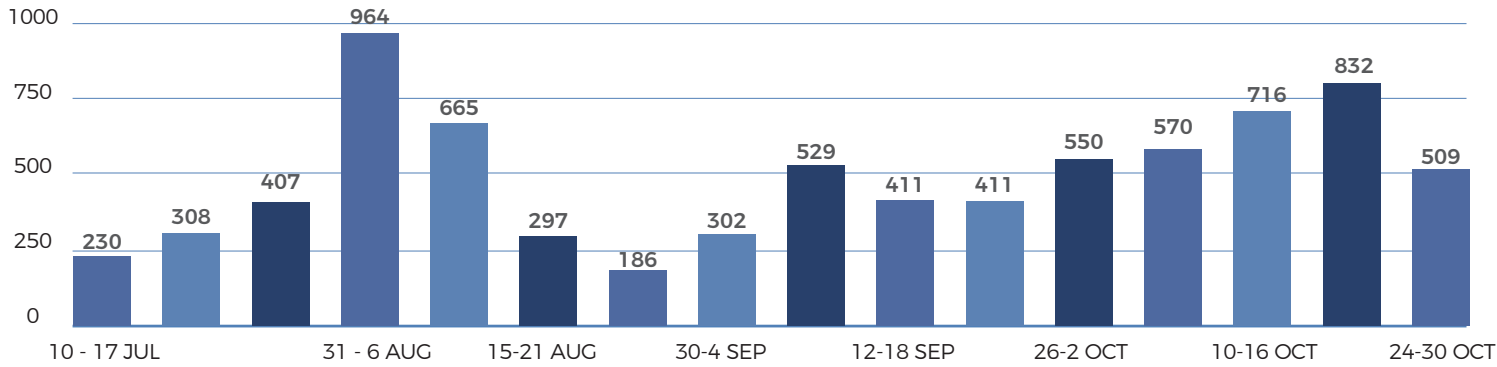
11 Covid19 deaths have been confirmed by the state death committee this week.

73% deaths have happened in Dimapur

CONFIRMED CASES (weekly data)

Dimapur (287), Kohima (146) and Mon (42) have reported the maximum cases this week too.

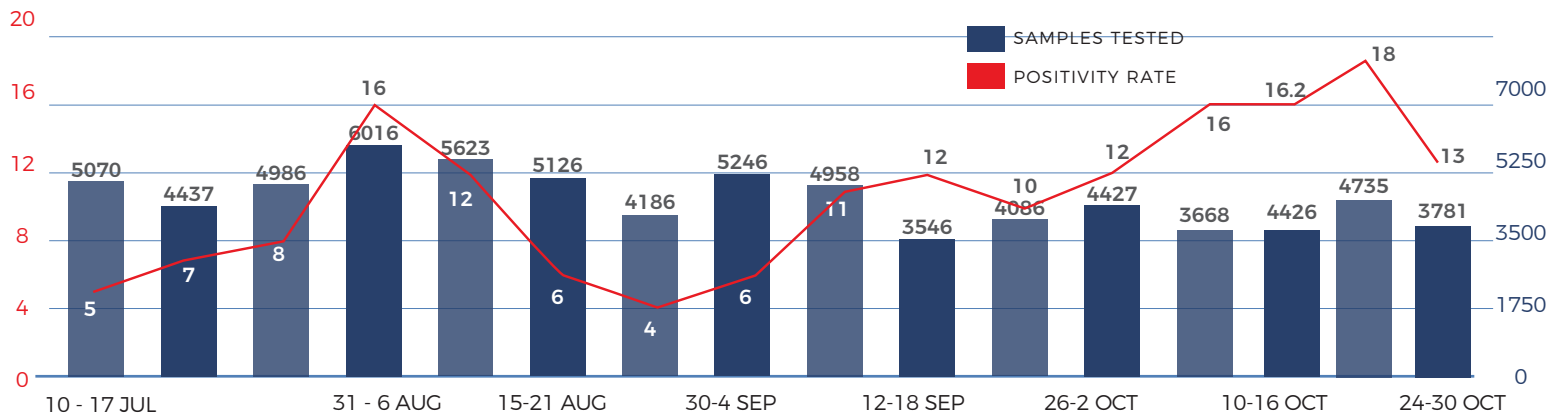
WEEKLY DATA OF CONFIRMED CASES



509 cases reported in the past week are:

- Traced contacts (307)
- Armed forces (141)
- Returnees/ travellers (24)
- Frontline workers (37)

WEEKLY DATA ON SAMPLE TESTING & SAMPLE POSITIVITY RATE

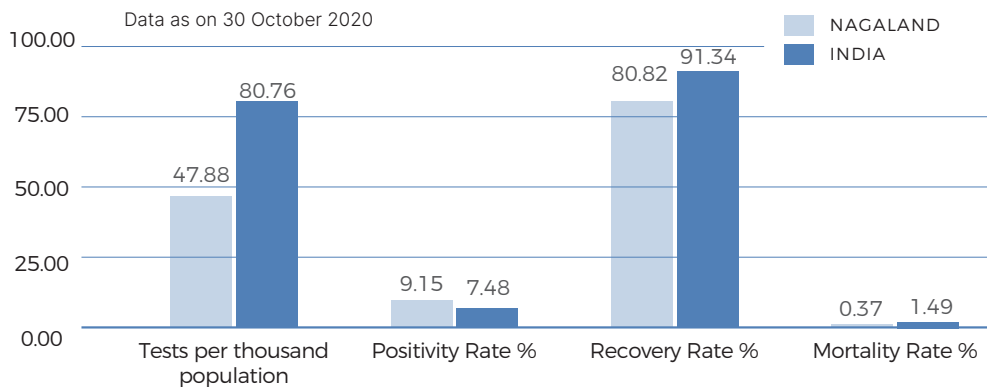


96% of all tests have been done by RT-PCR (BSL2/3 and Truenat), which is the gold standard test in the world.

TEST TYPE	NO OF TESTS	PERCENTAGE
BSL 2-3	60,439	62%
Truenat	33,404	34%
RAT	3,876	4%
Total	97,719	100%

The sample positivity rate declined this week but it remains higher than the national average.

TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES



The Sample Positivity rate remains higher than the National average.

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	670	50 %	2292	65 %	329
Kiphire	6	7 %	17	46 %	1
Kohima	285	19 %	1913	9 %	153
Longleng	0	0 %	11	0 %	0
Mokokchung	4	0 %	104	9 %	6
Mon	20	13 %	425	21 %	26
Peren	49	5 %	268	42 %	0
Phek	31	0 %	6	0 %	0
Tuensang	47	2 %	134	10 %	6
Wokha	6	0 %	28	14 %	0
Zunheboto	81	0 %	112	2 %	7
TOTAL	1199	13 %	5310	24 %	528

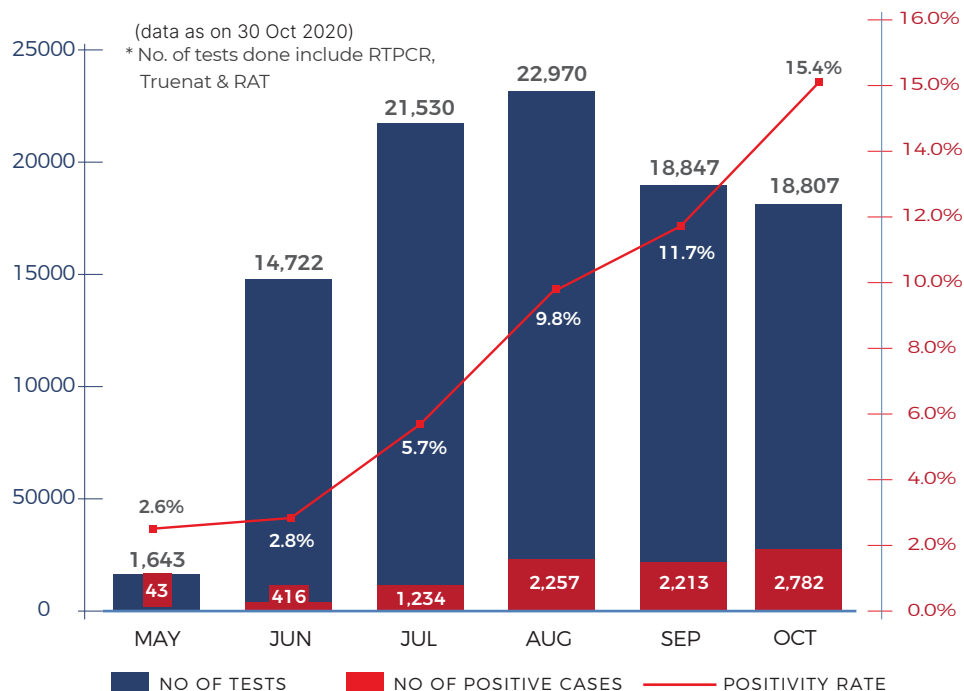
Military and paramilitary facilities are not included

MONTHLY DATA OF CASES, TESTING AND POSITIVITY RATE

October has reported the maximum number of cases till date despite fewer testing

October Month has the highest positivity rate till date at 15.4 %

Decline in testing is also attributed to a more 'targeted and focussed testing' approach.



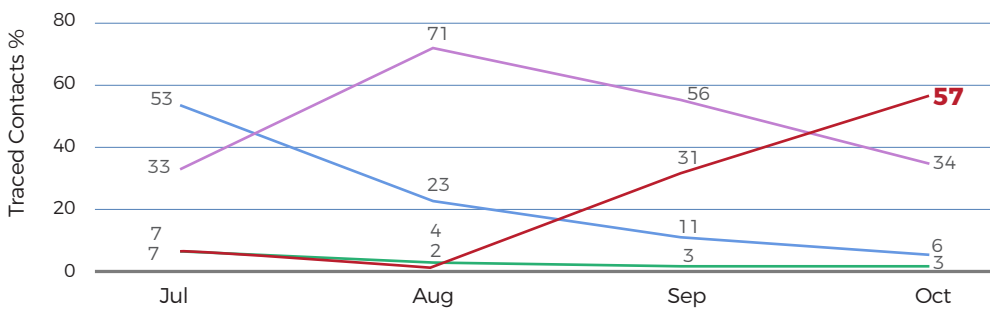
CATEGORIZATION OF TOTAL CONFIRMED CASES

DISTRIBUTION OF CASES BY PLACE OF RESIDENCE

District	Cases	Percentage
Dimapur	4864	54
Kohima	2649	30
Mon	516	6
Peren	385	4
Zunheboto	140	2
Tuensang	157	2

District	Cases	Percentage
Mokokchung	113	1
Phek	39	0.4
Wokha	38	0.4
Kiphire	27	0.3
Longleng	17	0.2

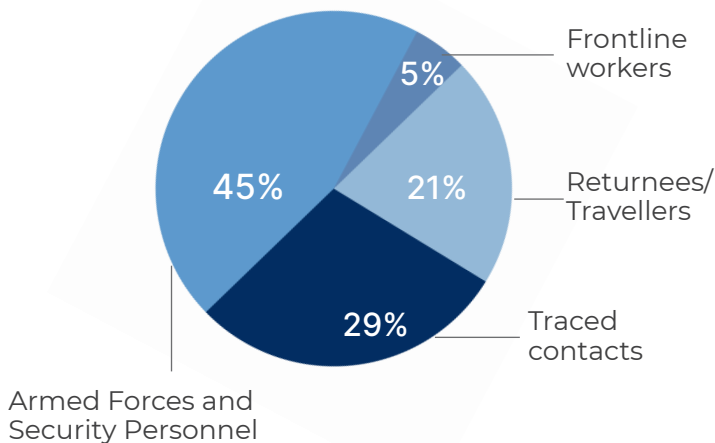
CATEGORY OF CONFIRMED CASES



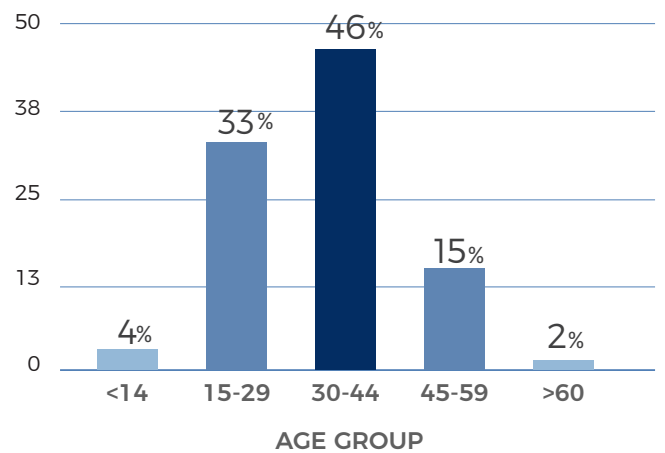
The percentage of TRACED CONTACTS among confirmed cases increased from 7% in July to 57% as of October 2020.

- TRACED CONTACTS
- RETURNEES/TRAVELLERS
- FRONTLINE WORKERS
- ARMED FORCES

GENERAL CATEGORIZATION OF CASES



AGE DISTRIBUTION OF COVID-19 CASES



DESCRIPTIVE EPIDEMIOLOGY

Median Age	32 years
Range (Age)	1 month - 98 years
Cases with comorbidity	0.73 %

Gender	Male (81%)
Symptomatic Cases	4%

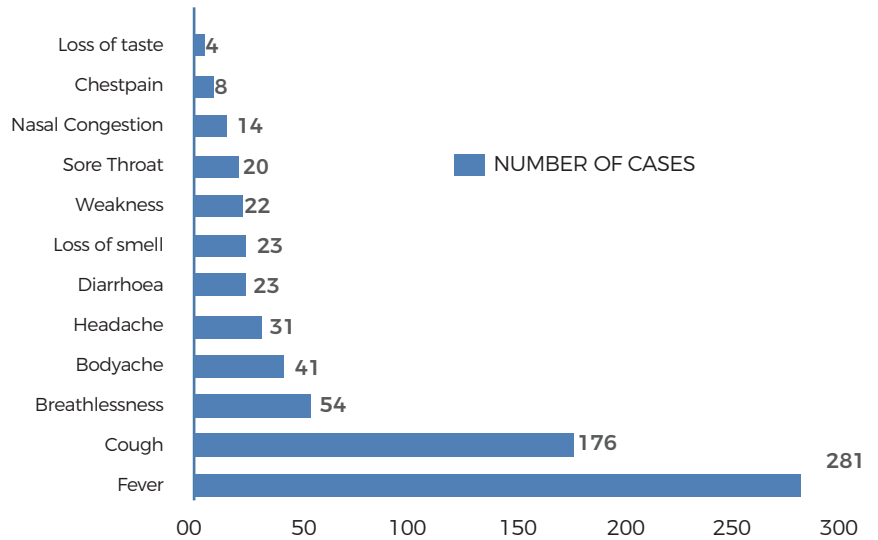
CLINICAL PRESENTATION OF SYMPTOMATIC CASES

The most common presenting feature among symptomatic cases is fever (77%) followed by cough (48%).

4% of the total confirmed cases are symptomatic.

An infected person is most infectious 1 or 2 days before symptoms and during the symptomatic phase.

A major challenge in COVID-19 is that Asymptomatic cases can transmit the infection unaware.



DATA AS ON 30 OCTOBER 2020

ACTIVE CASES

DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

District	Active Cases	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	1,208	40,249	103	12.3 %
Kiphire	11	805	11	3.2 %
Kohima	262	27,756	100	9.6 %
Longleng	0	1,130	22	1.5 %
Mokokchung	14	3,419	17	3.3 %
Mon	68	10,852	42	4.5 %
Peren	12	4,462	46	7.6 %
Phek	0	2,348	14	1.6 %
Tuensang	11	3,580	18	4.2 %
Wokha	2	1,234	7	2.4 %
Zunheboto	8	1,884	13	7.3 %
NAGALAND	1,596	97,719	48	9.2 %

How do we stay safe during the pandemic?

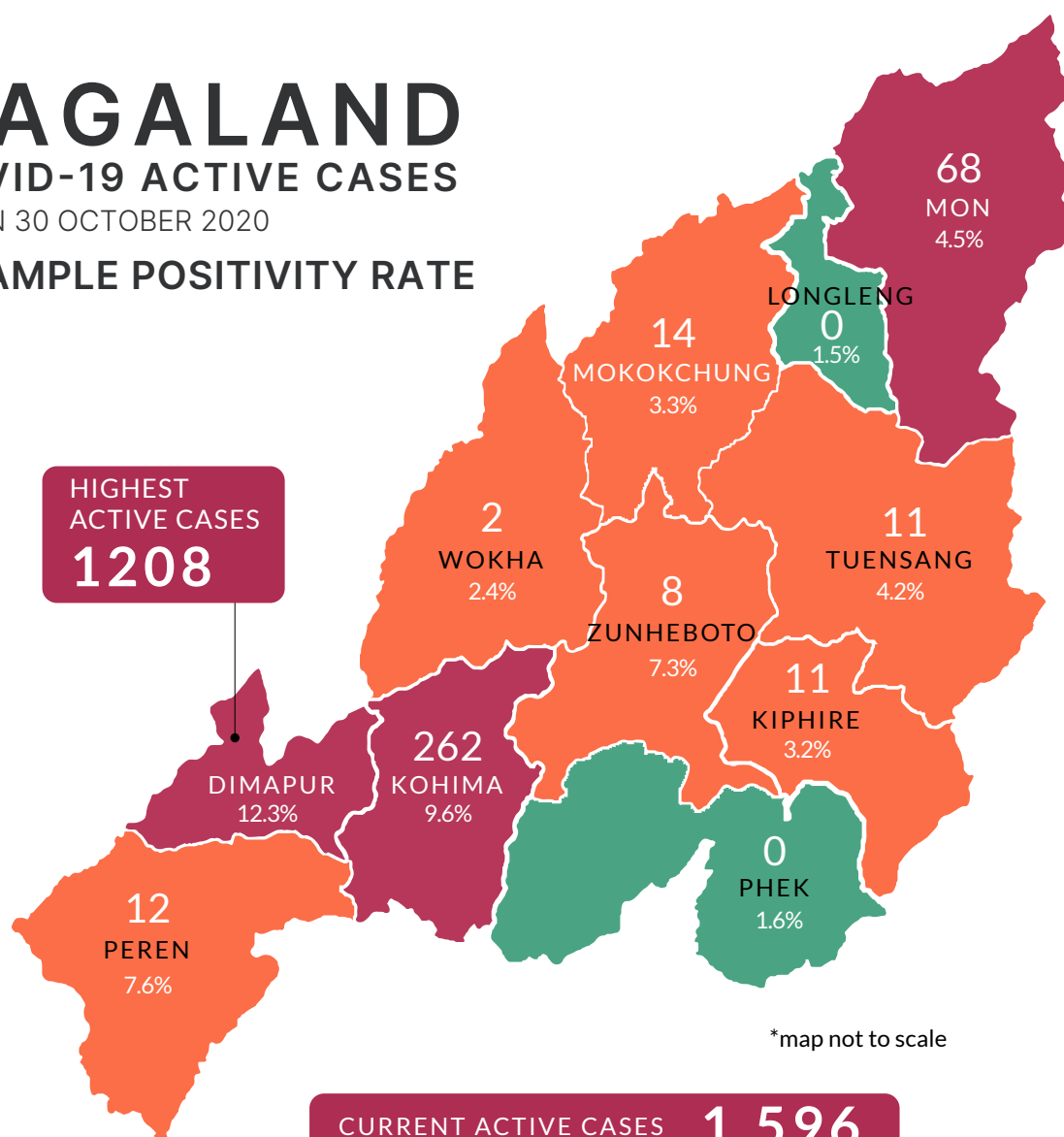
The main mode of transmission is from Person to person. Everyone should strictly follow the 3 W's (Wash Hands, Watch Distance and Wear Mask) and AVOID the 3 C's (Crowded places, Close Contact Setting and Confined settings). This is the only proven preventive measure till date.

NAGALAND

COVID-19 ACTIVE CASES

AS ON 30 OCTOBER 2020

& SAMPLE POSITIVITY RATE



CONTACT TRACING

A total of 27,105 contacts including 11,372 primary contacts have been traced by surveillance teams.

DISTRIBUTION OF POSITIVE TRACED CONTACTS BY AGE-GROUP & OCCUPATION

Among the traced contacts, the most affected age group is 21-30 years at 26% (775/2981) and 31-40 years at 26% (768/2981).

The high positivity rate among the 21-40 years is alarming. The uncontrolled spread among these age groups poses an increased risk in the higher age groups.

There is a 1% increase in cases among 61-98 years age group in the past one week.

Household contacts (28%) and office goers (23%) continue to have maximum positivity among traced contacts.

Positivity among students (18% of positive traced contacts) continue to remain high.

There is increasing positivity among patients attending flu clinics.

Close contact settings (household, offices, restaurants, prison, church, old age home etc) are seeing more and more infections.

Age Group	Cases	Percentage
0.1 - 10 yrs	220	7
11 - 20 yrs	374	13
21 - 30 yrs	775	26
31 - 40 yrs	768	26
41 - 50 yrs	448	15
51 - 60 yrs	248	8
61 - 93 yrs	120	5
TOTAL	2,981	100%

Gender	Cases	Percentage
Female	1,088	36
Male	1,893	64
TOTAL	2,981	100%

Occupation	Cases	Percentage
Household contacts	847	28
Government employees	696	23
Students	535	18
Self employed	410	14
Flu Clinic attendee	154	5
Unemployed	87	3
Prison contacts	88	3
Migrant workers	52	2
Teachers	28	1
Bakery/Restaurant employee	24	0.9
Church contacts	24	0.8
Old age home	17	0.6
Convent contacts	19	0.6
TOTAL	2,981	100%

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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