



Global update

41.5 million people have been infected across the globe with more than 1.1 million deaths as of this week. Europe is battling a second wave as winter arrives with the number of cases reported surpassing the peak in April. Some decline has been seen in the region of the Americas and South East Asia. Countries are preparing for the expected winter wave as many regions go for more stringent measures.

COVID-19 THREAT DURING WINTER

The next three winter months will be absolutely critical for the state in determining the fate of this pandemic.

1. Respiratory viruses thrive better in cold weather and low humidity conditions generally. Some laboratory experiments have shown SARS COV 2 Virus favours cold and dry conditions.
2. Europe is already witnessing the second wave with the arrival of winter and this time with more infections in the old.
3. Weddings, festivals and social gatherings during winter along with indoor crowding and compromised natural ventilation are extremely high-risk settings. Additional restrictions and

strict enforcement of SOPs will be needed to control the spread.

4. Movement of people from outside the state and from urban to rural areas during the festive season pose high risk for spread of cases beyond the urban areas.

5. All major pandemics saw a second wave after around 6 months which coincides with the upcoming winter months.

6. This is a crucial time for the state to enforce all SOPs strictly and immediately. The citizens are expected to follow the 3 W's and avoid the 3C's, or we may even see total lockdowns imposed again in the event of an uncontrolled spread.

Global | National | Regional | State

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
World	4,15,70,883	11,34,940	2.73%
India	77,61,312	1,17,306	1.51%
N.E. India	2,87,292	1,557	0.54%
Nagaland	8,436	22	0.26%

As of 23 October 2020

In the past week:

India: 3,90,844 cases and 5,145 deaths

World: 27,81,679 cases and 39,843 deaths

North Eastern States

State	Total Cases	No of Deaths	Death Rate
Assam	2,03,282	896	0.44 %
Tripura	30,070	339	1.13 %
Manipur	16,621	127	0.76 %
Meghalaya	8,720	78	0.89 %
Sikkim	3,727	63	1.69 %
Arunachal Pradesh	14,077	32	0.23 %
Nagaland	8,436	22	0.26 %
Mizoram	2,359	0	0.00 %
Total	2,87,292	1,557	0.54 %

As of 23 October 2020

Epidemiology

The virus, SARS-CoV-2 is spread by the viral load present in the respiratory droplets. The incubation period varies from 2-14 days with an average of 5-6 days. More than 80% of infected people will have very mild to no symptoms at all. Infections mostly spread in closed, crowded and poorly ventilated spaces. Person to person transmission through droplets is the main mode of transmission.



Major updates from the week: Summary

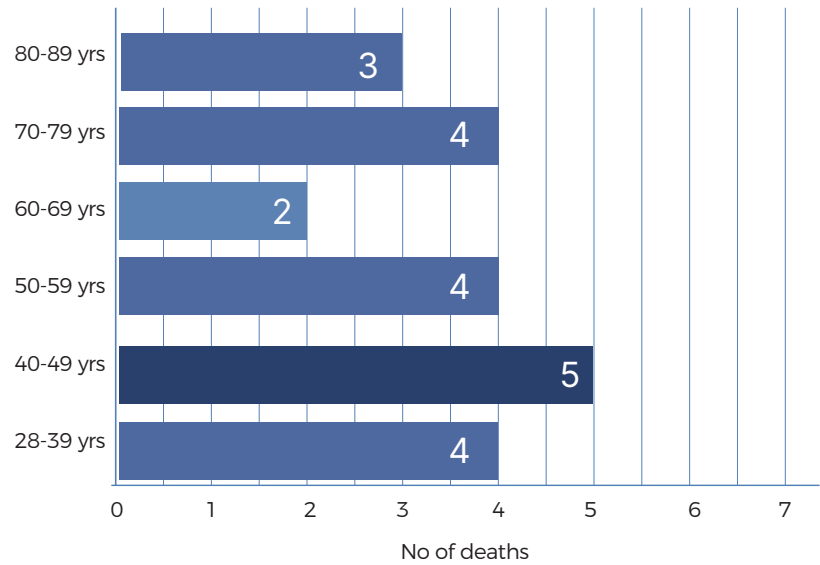
- The sample positivity rate of the state is higher than the national rate at 9 %. Weekly sample positivity rate has increased rapidly from 4% in the last week of August to 18 % as of this week (highest till date).
- Weekly confirmed cases have increased every week from the 3rd week of September till date. The 832 cases reported this week is the second highest weekly cases reported till date.
- **Of the 832 cases reported this week, 56 % were traced contacts from the community.**
- Symptomatic cases are slowly increasing among the confirmed cases (4%).
- Household contacts (28%) and Offices (24%) continue to be the two most common settings where infections happen. We continue to see uncontrolled spread in closed settings like offices, restaurants, bakeries, religious communities, increasing risk elsewhere.
- **Among the traced positive contacts, most infections have happened in the 21-40 years age group (52%)** with students comprising 17 % of the cases. In Europe, more infections were among the young in the summer months. This is being followed by more infections in the old age group currently as the second wave started some weeks back. The young people should be responsible to keep their loved ones and the high-risk groups safe.
- **Increasing positivity among patients attending flu clinics in hospitals is worrying since many of them do not have a history of travel or known contact with a positive case.**
- More than half of the cases are in Dimapur (54%) followed by Kohima (30%)
- With 5 deaths certified as COVID Death this week, the total COVID-19 deaths in the state stands at 22. The death rate has slightly increased to 0.26%.
- Current confirmed cases with comorbidities is 0.65% and infection among the high-risk groups are gradually increasing.
- 59% of the covid-19 deaths are below 60 years of age, with hypertension and diabetes being the most common associated comorbidities.

COVID DEATHS

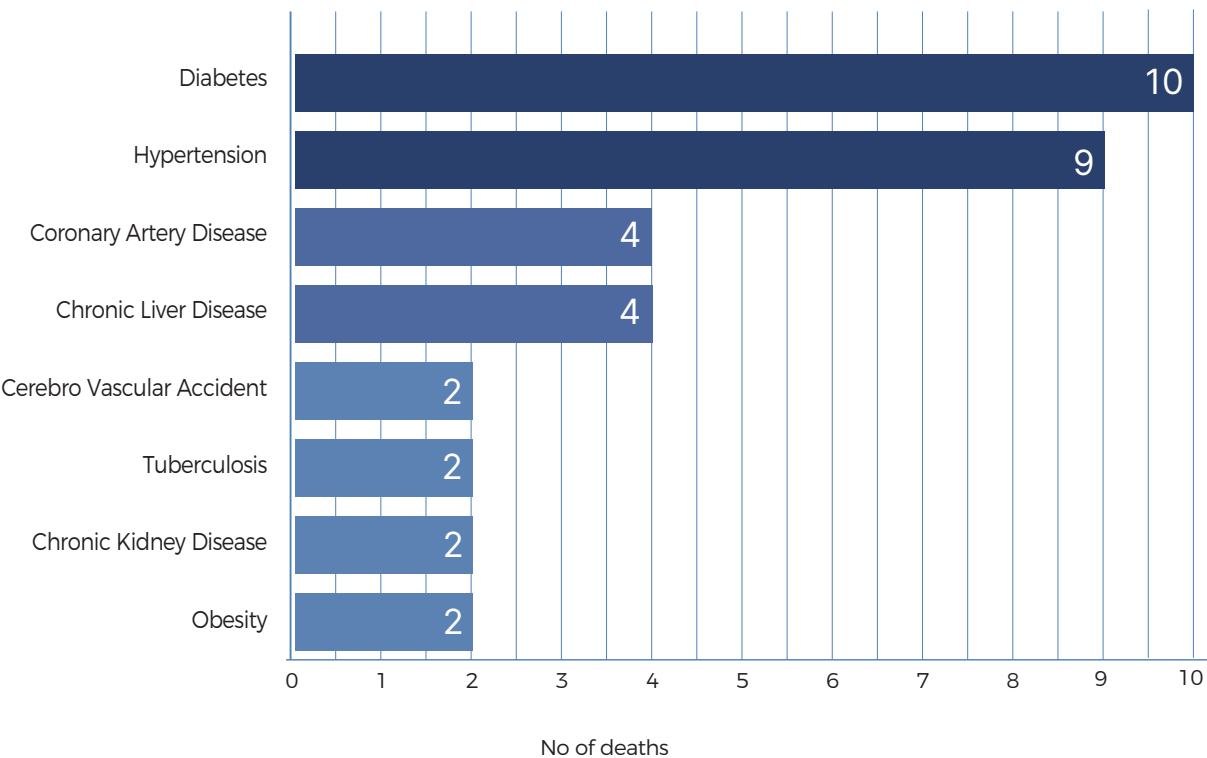
COVID-19 DEATHS BY AGE GROUP

- Total Deaths: 22
- Median Age: 57 yrs
- Range: 28 - 84 yrs
- Sex: Males 77%

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



COMORBIDITIES ASSOCIATED WITH COVID-19 DEATHS



59% of deaths are below 60 years of age.

Deaths with comorbidities: 73%

Multiple comorbidities are associated with a single patient.

District wise deaths:

- Dimapur (16)
- Kohima (4)
- Mon (1)
- Mokokchung (1)

5 covid-19 deaths have been confirmed by the state death committee this week.

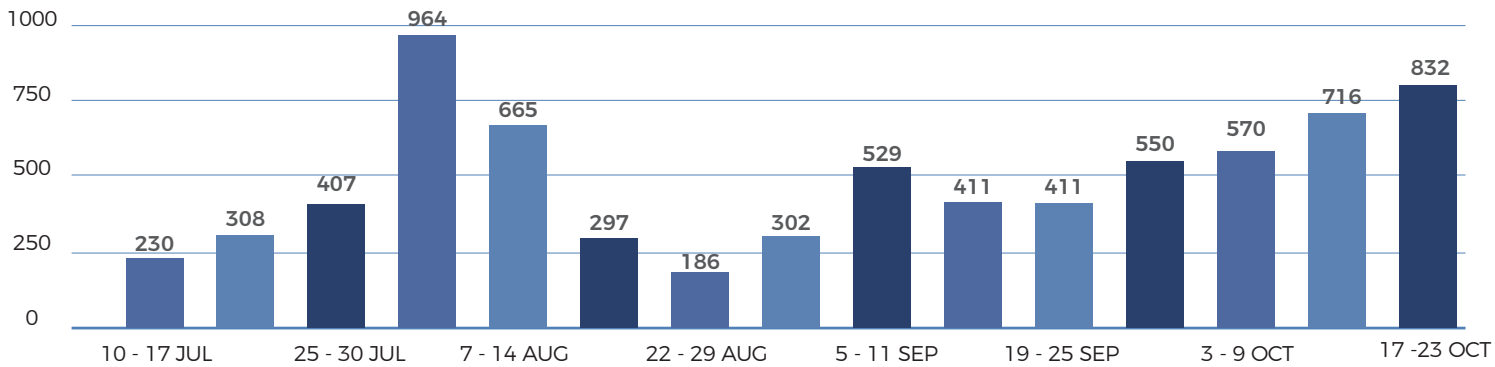
Most common comorbidities: Hypertension and Diabetes Mellitus

CONFIRMED CASES

weekly data

Dimapur (627), Kohima (134) and Mon (31) reported maximum cases in the past week.

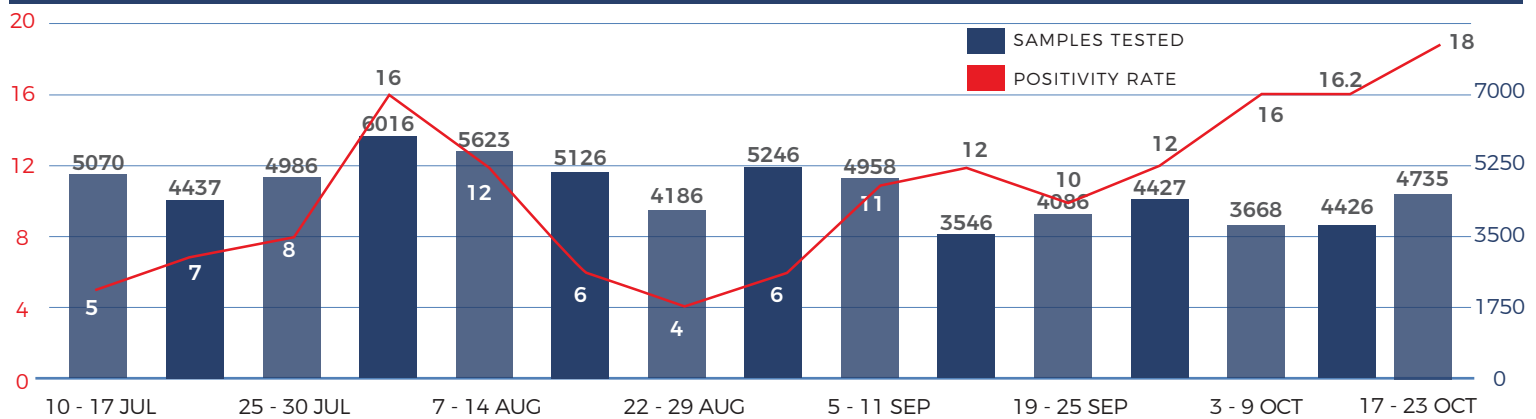
WEEKLY DATA OF CONFIRMED CASES



832 cases reported in the past week are:

- Traced contacts (467)
- Armed forces (310)
- Returnees/ travellers (36)
- Frontline workers (19)

WEEKLY DATA ON SAMPLE TESTING & SAMPLE POSITIVITY RATE

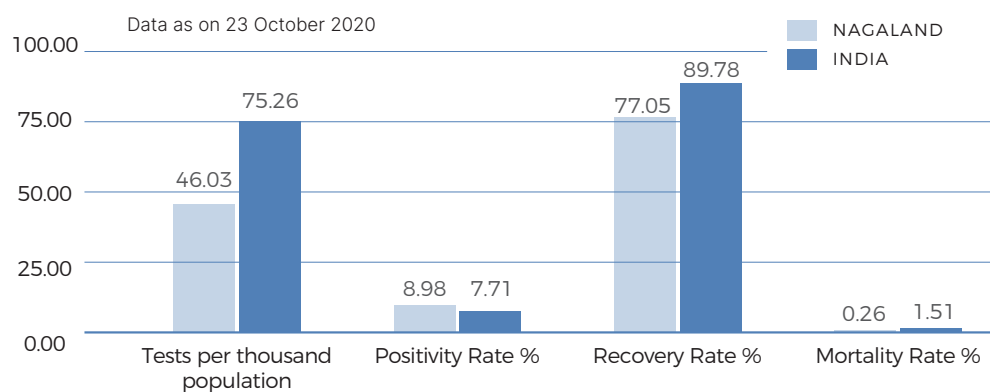


96% of all tests have been done by RT-PCR (BSL2/3 and Truenat), which is the gold standard test in the world.

TEST TYPE	NO OF TESTS	PERCENTAGE
BSL 2-3	58,124	62%
Truenat	32,359	34%
RAT	3,455	4%
Total	93,938	100%

The positivity rate for the week of 18% is the highest till date.

TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES



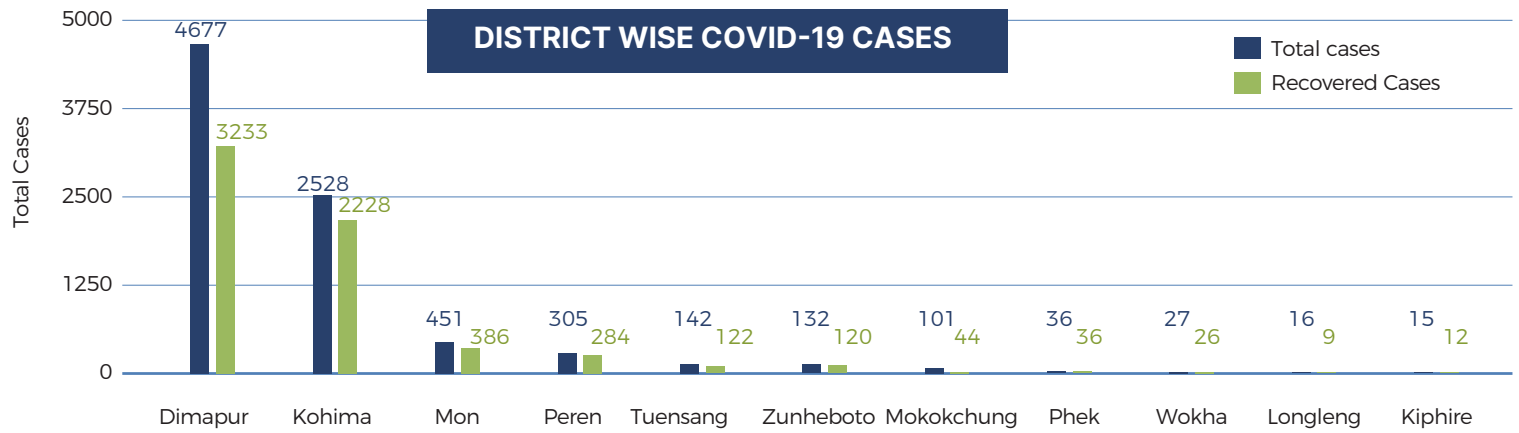
The sample Positivity rate remains higher than the National average.

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

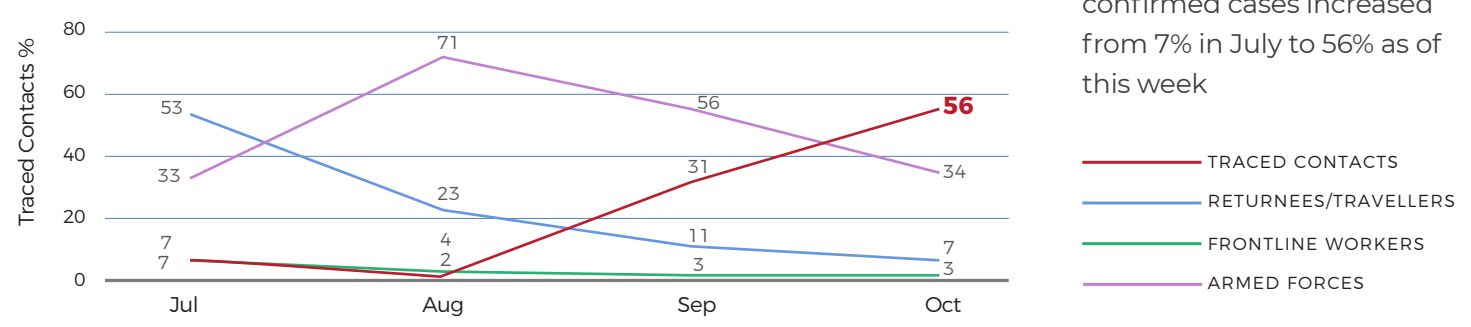
DISTRICT	COVID HOSPITAL		COVID CARE CENTERS		HOME ISOLATION
	Total admissions till date	Current occupancy Rate	Total admissions till date	Current Occupancy Rate	Total cases till date
Dimapur	614	34 %	1588	54 %	512
Kiphire	1	4 %	11	0 %	0
Kohima	268	9 %	1849	12 %	396
Longleng	0	0 %	10	15 %	0
Mokokchung	2	0 %	101	35 %	6
Mon	80	4 %	401	19 %	39
Peren	44	39 %	267	71 %	6
Phek	31	15 %	6	0 %	0
Tuensang	44	5 %	132	14 %	9
Wokha	5	3 %	26	7 %	0
Zunheboto	81	11 %	110	5 %	4
TOTAL	1170	13 %	4501	24 %	972

Military and paramilitary facilities are not included

CATEGORIZATION OF TOTAL CONFIRMED CASES

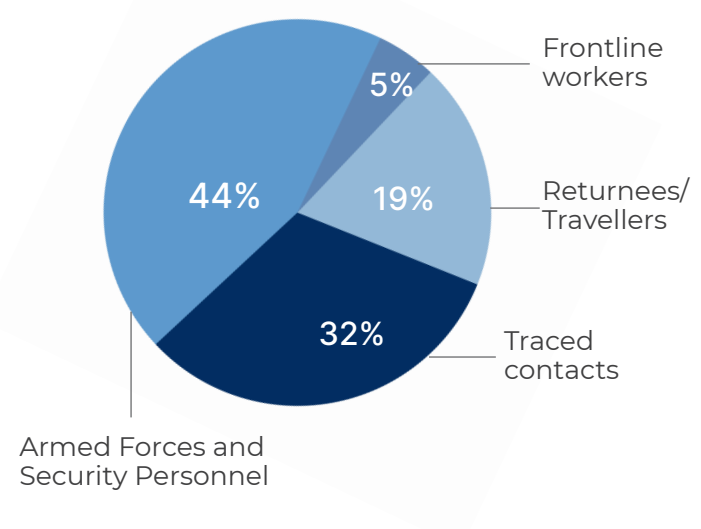


CATEGORY OF CONFIRMED CASES

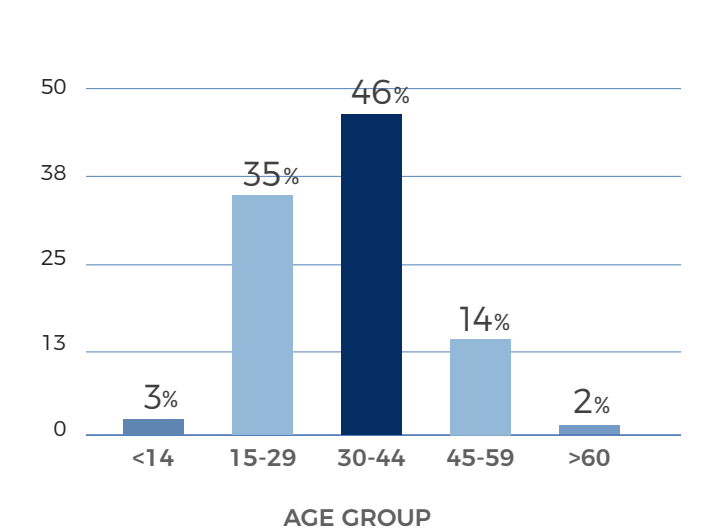


The percentage of TRACED CONTACTS among confirmed cases increased from 7% in July to 56% as of this week

GENERAL CATEGORIZATION OF CASES



AGE DISTRIBUTION OF COVID-19 CASES



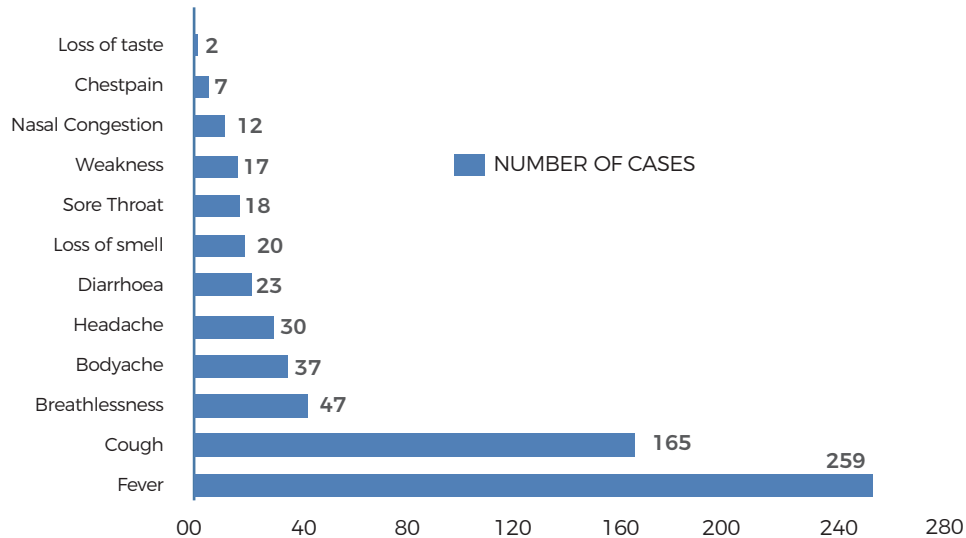
DESCRIPTIVE EPIDEMIOLOGY

Median Age	32 years	Gender	Male (82%)
Range (Age)	1 month - 93 years	Symptomatic Cases	4%
Cases with comorbidity	0.65 %		

CLINICAL PRESENTATION OF SYMPTOMATIC CASES

Among 8436 cases, 4% (332/8436) showed symptoms showing an increase from the last few weeks. The most common presenting feature among symptomatic cases is fever (78%) followed by cough (50%)

All citizens are advised to contact the state helpline (1800-345-0019) and quarantine themselves immediately if any symptoms develop.



DATA AS ON 23 OCTOBER 2020

ACTIVE CASES

DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

(as on 23 October 2020)

District	Active Cases	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	1382	38571	99	12.0 %
Kiphire	3	763	10	2.4 %
Kohima	285	26586	96	9.5 %
Longleng	0	1103	21	1.5 %
Mokokchung	61	3282	16	3.3 %
Mon	55	10524	41	4.3 %
Peren	21	4403	45	7.7 %
Phek	0	2322	14	1.6 %
Tuensang	20	3401	17	4.2 %
Wokha	1	1152	7	2.3 %
Zunheboto	9	1831	13	7.2 %
NAGALAND	1837	93938	46	9.0 %

How do we stay safe during the pandemic?

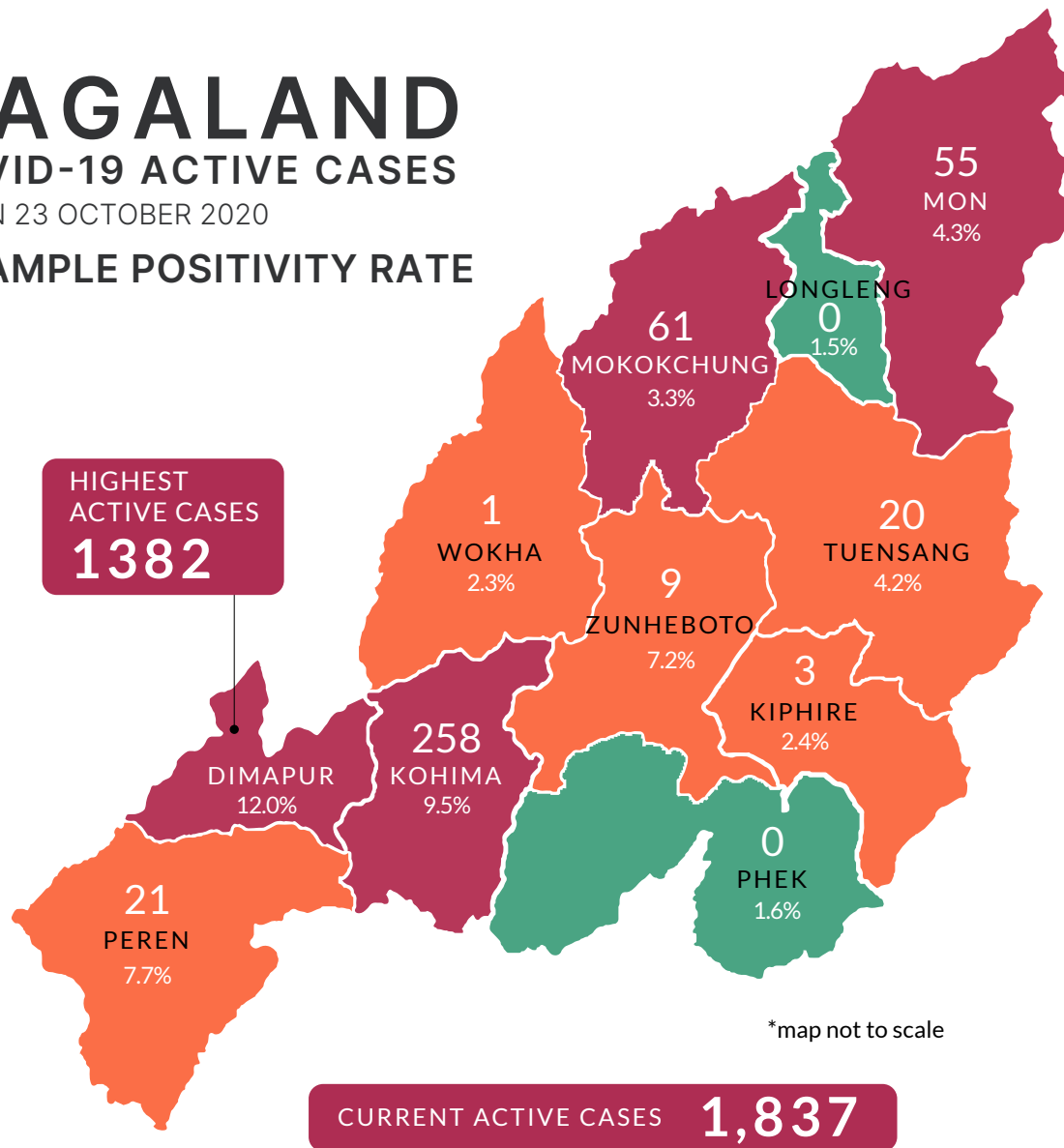
The main mode of transmission is from Person to person. Everyone should strictly follow the 3 W's (Wash Hands, Watch Distance and Wear Mask) and AVOID the 3 C's (Crowded places, Close Contact Setting and Confined settings). This is the only proven preventive measure till date.

NAGALAND

COVID-19 ACTIVE CASES

AS ON 23 OCTOBER 2020

& SAMPLE POSITIVITY RATE



DISTRIBUTION OF CURRENT ACTIVE CASES IN FACILITIES & HOME

	Covid Hospital	Covid Care Center	Home Isolation	Military Establishments	Total
Total	71	486	475	805	1837
%	4%	26%	26%	44%	100%

CONTACT TRACING

A total of 26,170 contacts have been traced by surveillance teams including 11,140 primary contacts.

DISTRIBUTION OF POSITIVE TRACED CONTACTS BY AGE-GROUP & OCCUPATION

Positivity among household contacts 28% (752/2675) is more than the office goes 24% (646/2675). The positivity rate among the students also remains high at 17% (446/2675).

We continue to see uncontrolled spread in closed settings like offices, restaurants, bakeries, religious communities, increasing risk elsewhere.

Positivity rate among cases attending flu clinics is 5% (122/2675) in the last two weeks. These cases either had or have symptoms or got tested for travel/ surgery/ medical purposes. They had or have no history of travel or contact with a confirmed case.

Age Group	Cases	Percentage
0.1 - 10 yrs	196	7
11 - 20 yrs	334	12
21 - 30 yrs	705	26
31 - 40 yrs	685	26
41 - 50 yrs	404	15
51 - 60 yrs	231	9
61 - 93 yrs	120	4
TOTAL	2,675	100%

Gender	Cases	Percentage
Female	941	35
Male	1,734	65
TOTAL	2,675	100%

Occupation	Cases	Percentage
Government employees	646	24
Household contacts	752	28
Students	446	17
Self employed	369	14
Unemployed	78	3
Migrant workers	52	2
Teachers	19	1
Prison contacts	88	3
Flu Clinic attendee	122	5
Convent contacts	19	0.7
Church contacts	23	0.8
Old age home	17	0.6
Bakery/Restaurant employee	24	.9
TOTAL	2,675	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


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

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 www.nsdma.nagaland.gov.in

 Coronaga



Principal Director
Department of Health and Family Welfare
Kohima: Nagaland