



Global Epidemiological update

As of 4th December 2020, there has been over 64.6 million cases and 1.5 million deaths across the globe as the region of the Americas and Europe continue to contribute maximum cases and deaths. While total cases have decreased in many regions, deaths have continually increased over the past few weeks. USA, India, Brazil, Italy and Russian federation reported the maximum number of cases in the past week.

Global | National | Regional | State

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
World	6,46,03,428	15,00,614	2.32%
India	95,71,559	1,39,188	1.45%
N.E. India	3,20,354	1,996	0.62%
Nagaland	11,305	58	0.51%

As on 4 December 2020

North Eastern States

State	Total Cases	No of Deaths	Death Rate
Assam	2,13,336	985	0.46 %
Tripura	32,836	372	1.13 %
Manipur	25,536	294	1.15 %
Meghalaya	12,005	116	0.97 %
Sikkim	5,100	111	2.18 %
Nagaland	11305	58	0.51 %
Arunachal Pradesh	16348	54	0.33 %
Mizoram	3888	6	0.15 %
Total	3,20,354	1996	0.62 %

As on 4 December 2020

In the past week:

World: 40,68,902 cases and 74,513 deaths.

India: 2,61,772 cases and 3,473 deaths.

Nagaland: 214 cases and 1 death.

USA records more than 1 million cases in the past 7 days following Thanksgiving

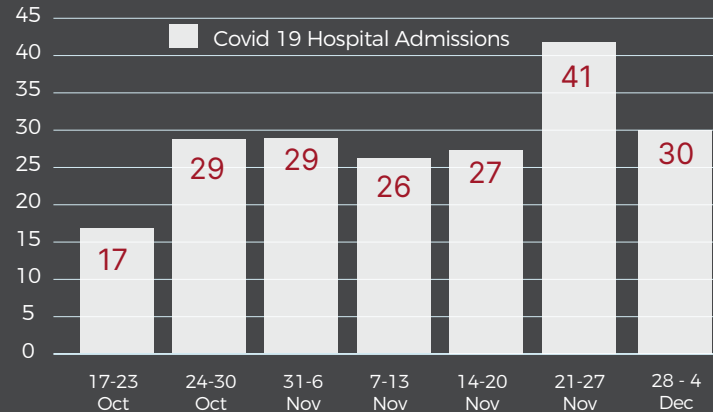
USA recorded the highest number of hospitalizations in a single week as post-Thanksgiving surge continues to overwhelm hospitals. *Increased travel, family and social gatherings during Thanksgiving along with arrival of winter* contributed to the increasing number of cases and deaths. A similar situation cannot be far away for us unless maximum precautions are taken during this festive season. All responsible citizens should plan for a *safe family centric Christmas*. The safest way to get through this critical period will be to *celebrate at home with the people you live with*.

Major updates from the week: Summary

- 214 new cases & 1 death were reported from the past week.
- Sample positivity rate continues to remain high at around 10% signifying undetected cases in the community. Dimapur (13.4%) and Kohima (10.1%) has the highest sample positivity rate in the State.
- 32% of deaths happened within 48 hours of admission in the COVID Hospital. This signifies patients coming to the hospital very late in advanced stages.
- November has recorded the most COVID-19 deaths till date (23).
- 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). There was 1% increase in the 60 plus age group this week.
- Household (29%) and workplaces (24%) are the most common places of infection.
- Positivity in Flu Clinics continue to increase which is worrisome as these people do not fall under contact tracing.
- 67% of deaths are below 60 years of age and 20% of deaths do not have any known comorbidity/ disease.
- Positivity among taxi drivers (17 cases) have increased in the last two weeks. All taxi drivers and passengers should wear a mask, leave windows open, use hand sanitizers and limit passengers as per SOP. Taxi drivers should not crowd together at taxi stands. This needs to be enforced by the competent agencies.

COVID HOSPITAL ADMISSIONS

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



WHEN SHOULD YOU WEAR A MASK?

1. In all public places.
2. In all closed spaces like malls, offices, gyms, places of worship.
3. Public transportation (both Passengers and drivers in Auto, taxi, buses)
4. When you are in your private car with people outside your own household.
5. In close contact settings like getting a haircut, visiting a doctor, grocery shopping etc.
6. When there are sick people / anyone with COVID like symptoms within the same household.
7. When you visit another household or when someone visits your household.
8. At unavoidable social events like weddings, funerals, family meetings etc

General considerations when wearing mask

- Anyone above 5 years of age and not contraindicated medically should wear a mask.
- Mask should always be used together with handwashing / sanitizer.
- Do not remove your mask when speaking, coughing or sneezing. Even if you're wearing a mask you should cough/ sneeze into your elbow.
- A mask is not a substitute for social distancing. 3W's (Wear mask, watch distance and wash hands) are most effective when together.

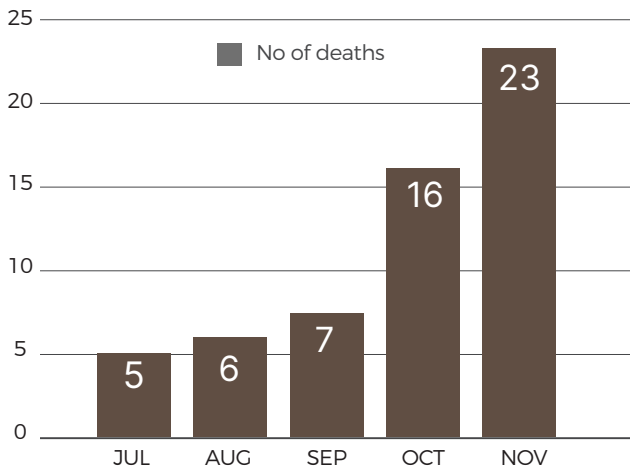
A mask is a simple barrier which prevents respiratory droplets with the virus from reaching others and it should be worn by any responsible citizen.

COVID DEATHS

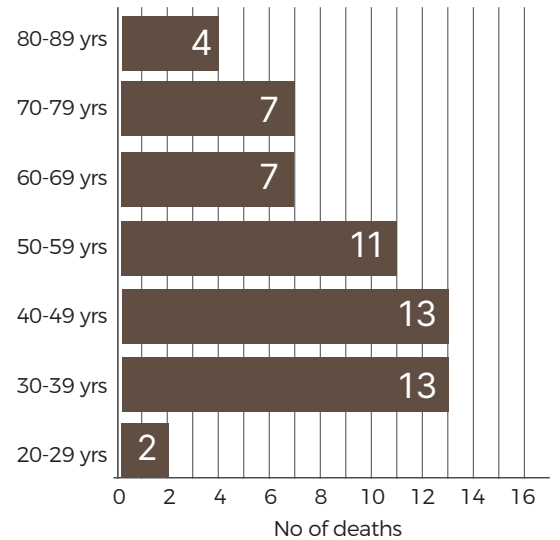
- Total Deaths: 58
- Median Age: 50 yrs
- Range: 24 - 88 yrs
- Gender: Males 78%
- Deaths with comorbidities: 81%

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

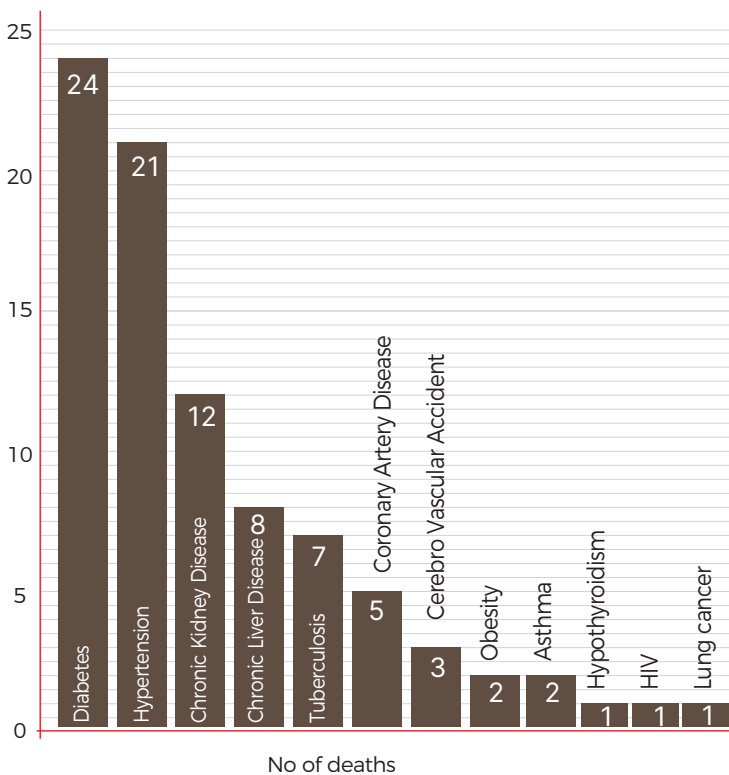
MONTHLY COVID-19 DEATHS



COVID-19 DEATHS BY AGE GROUP



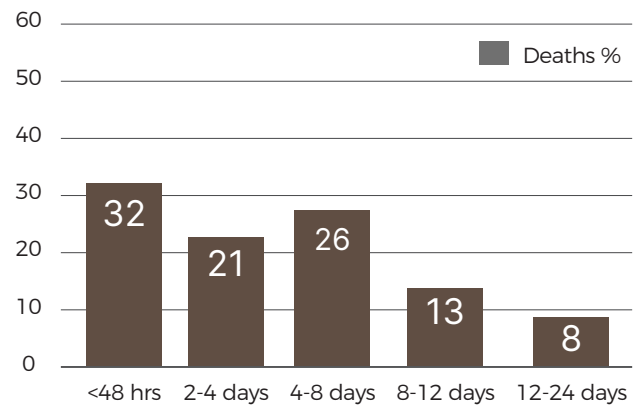
DEATHS (ASSOCIATED COMORBIDITIES)



Multiple comorbidities are associated with a single patient.

TIMING OF DEATHS

Time between admission and death



32% 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

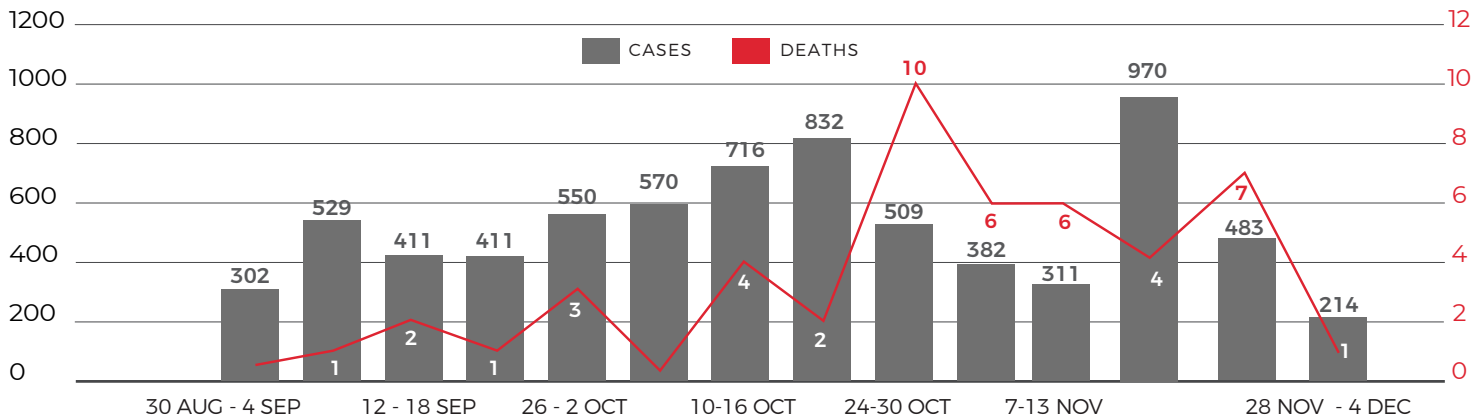
Most common affected age group is 40-49 years and 30-39 years.

67% of deaths are below 60 years of age.

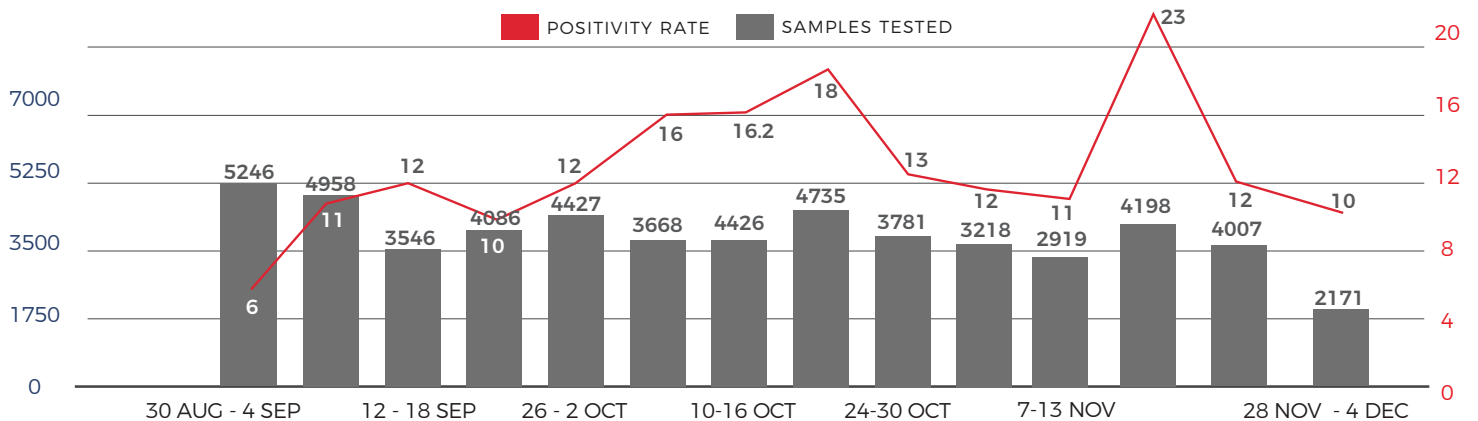
CONFIRMED CASES (weekly data)

214 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 1,142,32 samples have been tested till date.

Till date

TEST TYPE	NO OF TESTS	%
BSL 2-3	69,828	61%
Truenat	36,131	32%
RAT	8,273	7%
Total	1,14,232	100%

This Week

Category	No of cases	%
Traced contacts	39	18
Security Personnel	13	6
Frontline Workers	148	69
Returnees/Travellers	14	7
Total	214	100

Dimapur (120), Kohima (68) and Tuensang (15) reported the maximum cases this week.

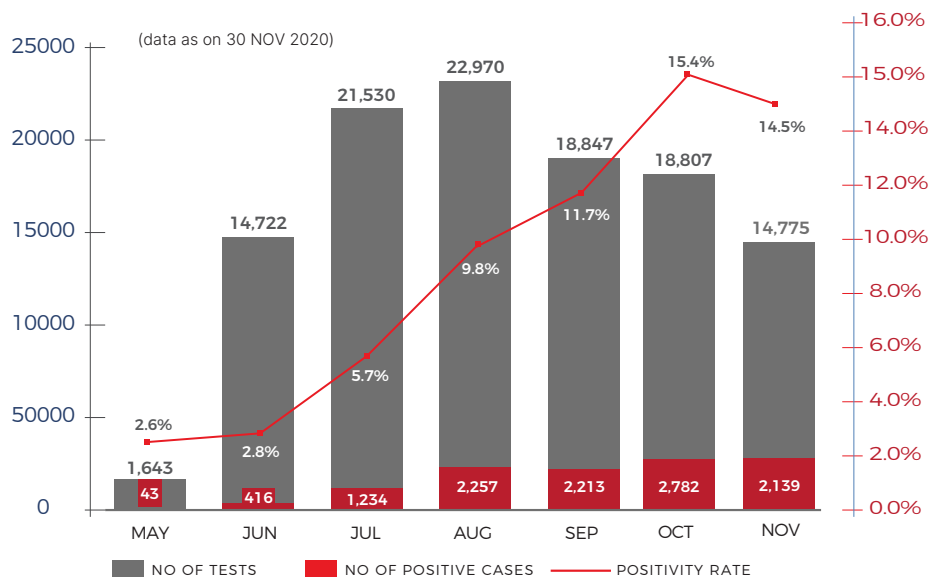
COVID-19 TESTS DONE, NUMBER OF POSITIVE CASES & POSITIVITY RATE

May - Nov 2020

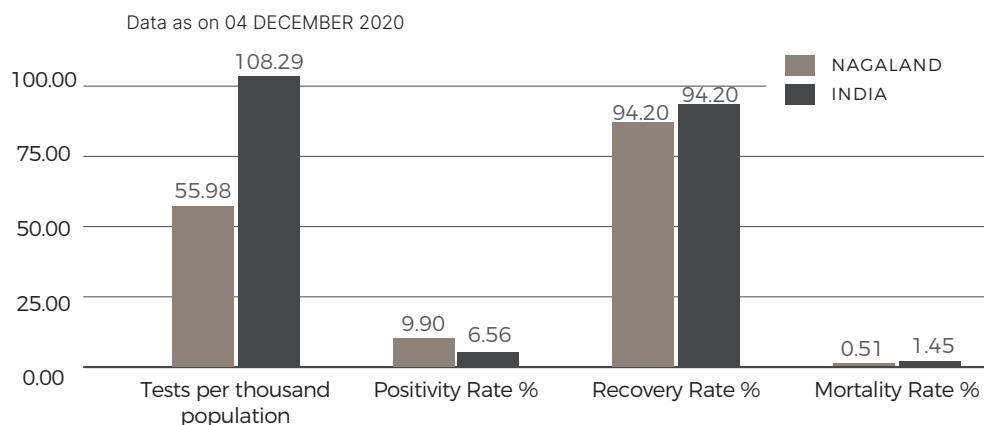
Total tests = 1,13,046

Positive cases = 11,186

No of tests done include RTPCR, Truenat and RAT



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	748	24 %	2630	5 %	160
Kiphire	7	7 %	18	0 %	0
Kohima	327	26 %	2203	8 %	159
Longleng	0	0 %	11	0 %	0
Mokokchung	5	0 %	108	2 %	0
Mon	28	0 %	442	2 %	19
Peren	54	5 %	433	67 %	2
Phek	31	0 %	8	0 %	0
Tuensang	65	21 %	177	17 %	11
Wokha	6	0 %	28	0 %	0
Zunheboto	81	0 %	114	1 %	0
TOTAL	1352	12 %	6172	7 %	351

Military and paramilitary facilities are not included

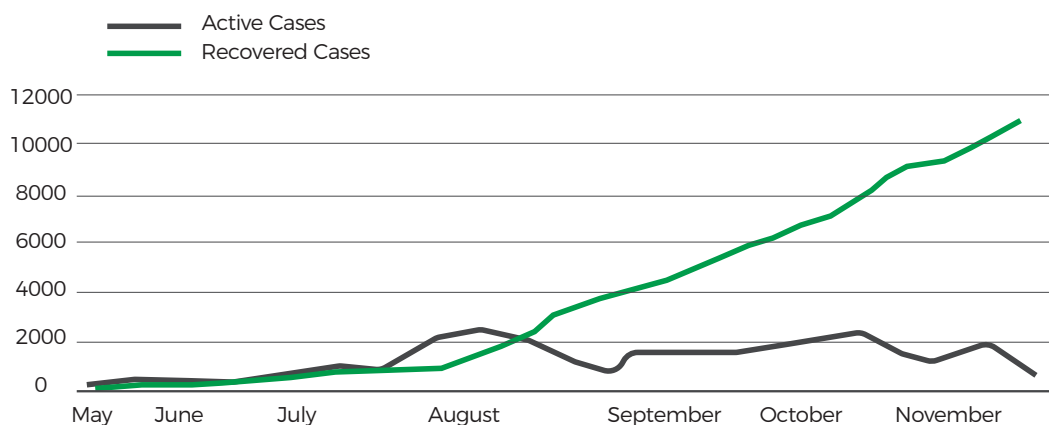
ACTIVE CASES

DATA AS ON 04 DECEMBER 2020

DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

District	Deaths	Active Cases	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	35	145	46366	118	13.4 %
Kiphire	1	1	961	13	3.0 %
Kohima	18	254	33255	120	10.1 %
Longleng	0	0	1193	23	1.5 %
Mokokchung	1	2	3902	20	3.2 %
Mon	1	17	12040	47	5.0 %
Peren	0	26	5573	57	9.2 %
Phek	0	0	2765	16	1.6 %
Tuensang	1	30	4728	23	4.8 %
Wokha	1	2	1327	8	2.3 %
Zunheboto	0	1	2122	15	6.6 %
NAGALAND	58	478	114232	56	9.9 %

ACTIVE CASES & RECOVERED CASES (CUMMULATIVE)



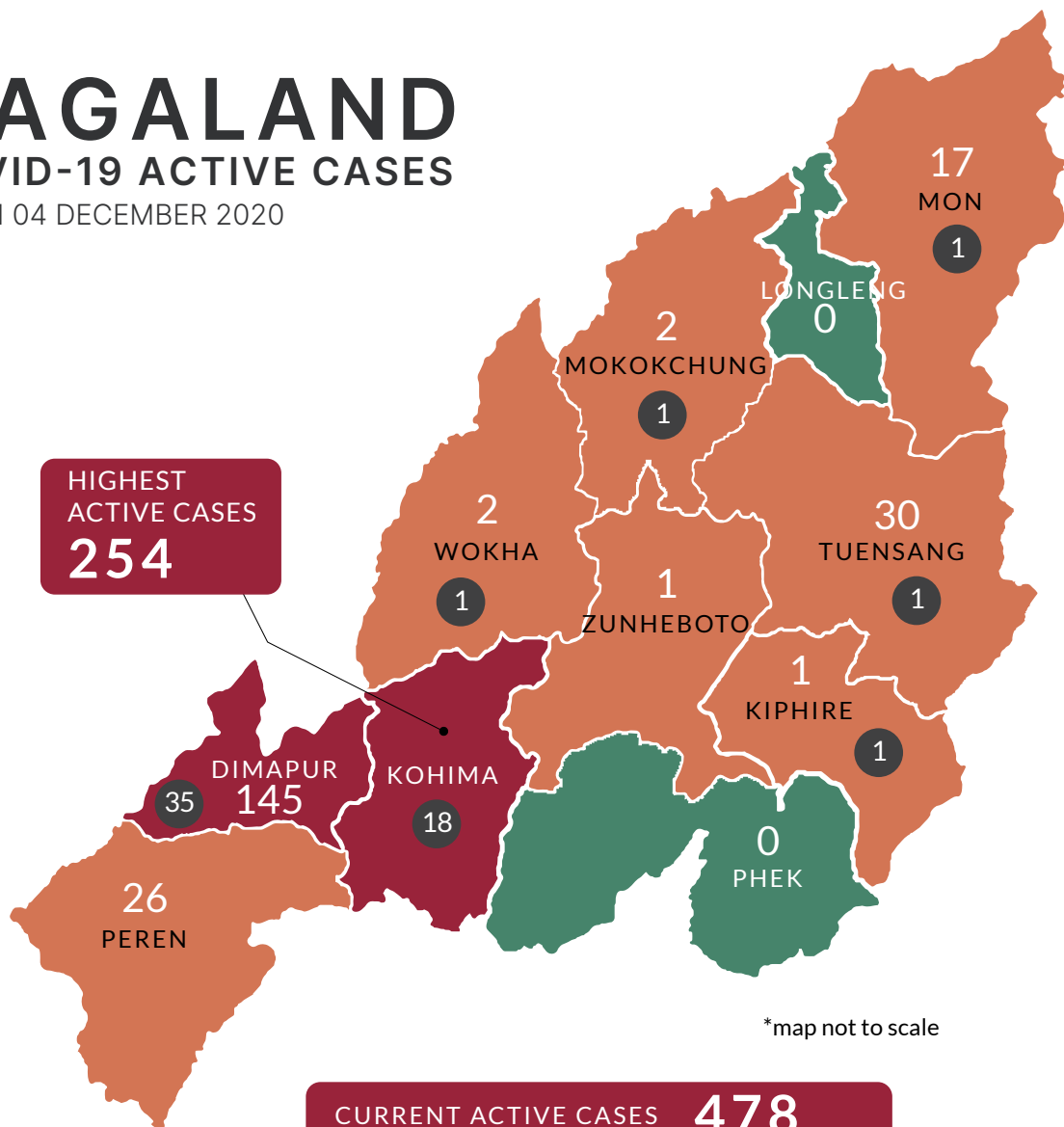
How do we stay safe during the pandemic?

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 04 DECEMBER 2020



*map not to scale

CURRENT ACTIVE CASES **478**

● 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 31,091 contacts have been traced of which 12,973 are primary contacts by surveillance teams.

DISTRIBUTION OF POSITIVE TRACED CONTACTS BY AGE-GROUP & OCCUPATION

Age Group	Cases	Percentage
0.1 - 10 yrs	307	7
11 - 20 yrs	569	13
21 - 30 yrs	1130	26
31 - 40 yrs	1114	25
41 - 50 yrs	667	15
51 - 60 yrs	393	9
61 - 98 yrs	245	6
TOTAL	4,425	100%

Gender	Cases	Percentage
Female	1697	38
Male	2728	62
TOTAL	4,425	100%

- Among the traced contacts, the most affected age group is 21-30 yrs (26%) followed by 31-40 years (25%). Among them, 62% (2728/4425) are males.
- There is 1% increase in the age group of 61-98 years (245/4425) in the past one week.
- The uncontrolled spread among the age group of 21-40 years is increasing risk in the higher age groups.
- 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 12%, which is worrisome.

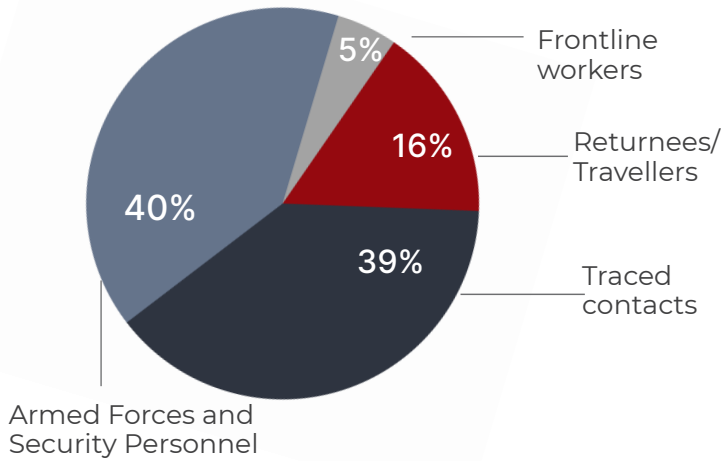
Occupation/Place of infection	Cases	Percentage
Household contacts	1292	29
Government employees	1060	24
Students	831	19
Self employed	710	16
Unemployed	166	4
Prison contacts	138	3
Migrant workers	65	1
Teachers	36	0.8
Church contacts	32	0.7
Bakery/Restaurant employee	29	0.7
Convent contacts	24	0.5
Shelter home	18	0.4
Taxi Drivers	17	0.4
Media persons	7	0.2
Symptomatic/ Pre-op/Travel	515	12
TOTAL	4,425	100%

The above data of high household contacts clearly points toward “living room spread” and 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.

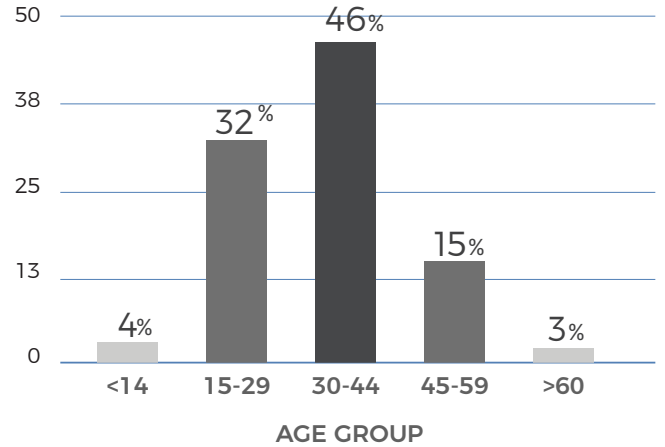
CATEGORIZATION OF TOTAL CONFIRMED CASES

Total confirmed cases till date: 11,305

GENERAL CATEGORIZATION OF CASES



AGE DISTRIBUTION OF COVID-19 CASES



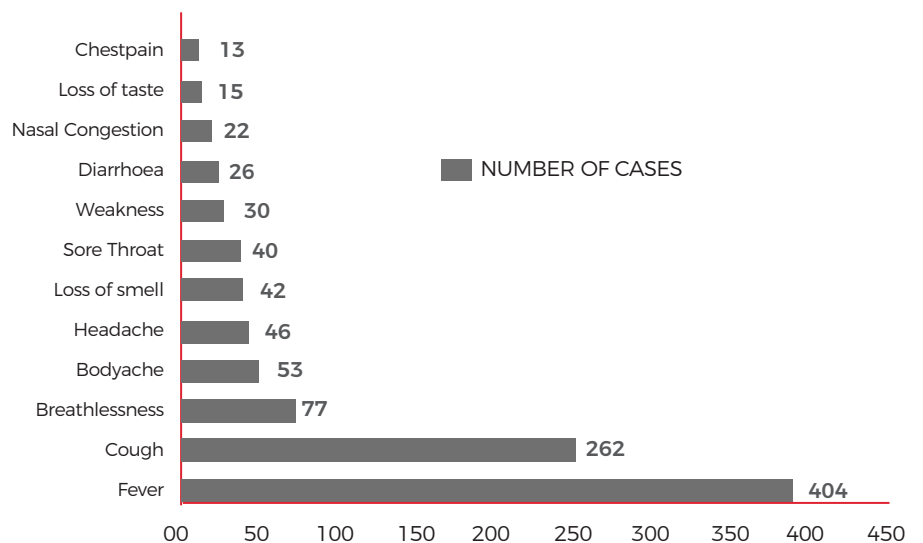
DISTRIBUTION OF CASES BY PLACE OF RESIDENCE

District	Cases	%
Dimapur	6138	54
Kohima	3353	30
Mon	624	6
Peren	558	5
Tuensang	232	2
Zunheboto	143	1
Mokokchung	122	1
Phek	47	0.4
Wokha	40	0.4
Kiphire	30	0.3
Longleng	18	0.1
Total	11,305	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 11305 cases, 5% (525) have or had symptoms.

The most common presenting feature among symptomatic cases is fever 77% followed by cough 50%

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

 www.covid19.nagaland.gov.in

 @HealthNagaland

 www.nsdma.nagaland.gov.in

 Coronaga



Principal Director
Department of Health and Family Welfare
Kohima: Nagaland