

Covid-19 Weekly Bulletin



Background

Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus, SARS-CoV-2, first reported in the Wuhan city of China around December 2019. The World Health Organization declared COVID-19 as a Pandemic on 11th March 2020. As per WHO situation reports, India is at the transmission stage of 'Cluster of Cases'. The state is at a very crucial juncture with the relaxation of many economic activities under the 'Unlock 4' guidelines. The need for standard safety measures is very critical at this stage of the pandemic.

Epidemiology

The virus, SARS-CoV-2 is spread mainly 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. The virus is spread mainly from person to person when safety measures are compromised.

As of 11th September 2020

Global | National | Regional | State

Covid 19 Cases	Confirmed cases	Deaths	Death Rate
Confirmed case	28,040,853	9,06,092	3.2%
India	45,62,414	76,271	1.6%
N.E. India	1,78,342	675	0.38%
Nagaland	4,946	8	0.16%

North Eastern States

State	Total Cases	No of Deaths	Death Rate
Assam	1,35,805	414	0.30 %
Tripura	17,811	173	0.97 %
Manipur	7,470	44	0.59 %
Arunachal Pradesh	5,672	9	0.16 %
Nagaland	4,946	8	0.16 %
Meghalaya	3,296	20	0.61 %
Sikkim	2,009	7	0.35 %
Mizoram	1,333	0	0.00 %
Total	1,78,342	675	0.38 %

India now has the second highest number of reported cases after USA.

More than 70 % of deaths in India are associated with comorbidities like diabetes, hypertension, heart diseases, other immunocompromised conditions.

Young People Driving Corona Virus Spread: WHO

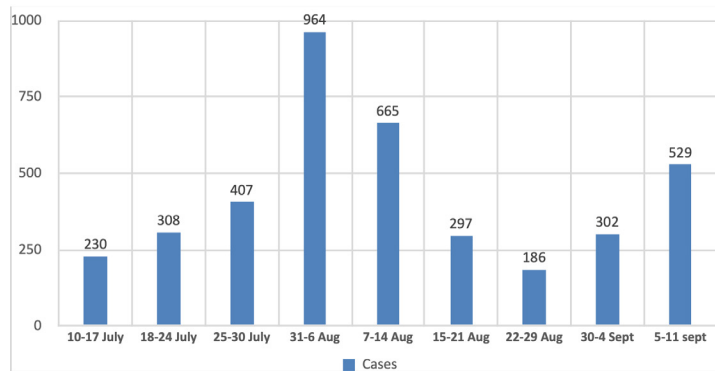
Many countries like Italy, Spain, USA and some European countries have observed a trend where young people became carriers of the virus and the old and the high risks paid the price. The young people are generally more mobile and have a tendency to flout safety measures. Most young people are asymptomatic and will not even realize they are carriers of the virus.

In Nagaland, the most affected age group is 30-44 years at 45% (2207/4946) followed by 15-29 years at 37% (1826/4946) who could be major spreaders of the virus. Till date, 164 students are from traced positive contacts.

Only 0.34% of the positives have comorbidities and only 1% is above 60 years of age. This could explain the low fatality rate till now and there is no room for complacency as fatality could be much higher once it infects more high-risk groups. Only self-discipline and adherence to standard safety measures will help us break this chain of transmission.

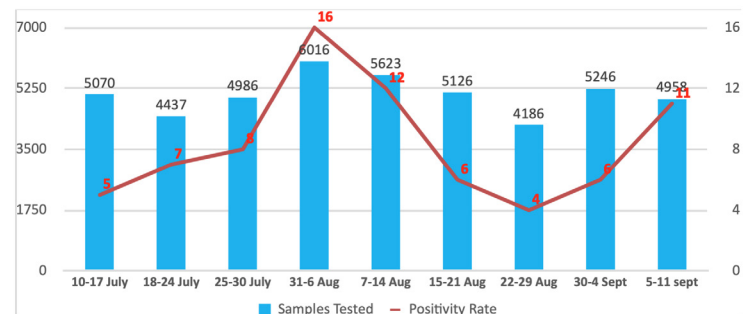
Weekly Data of Confirmed Cases

The past week recorded a total of 529 cases with the highest single day spike of 310 cases (164 cases from the armed forces) on 11th September.

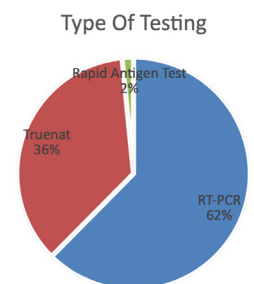


Weekly Data on Sample Testing & Sample Positivity Rate

The positivity rate has increased in the last two weeks after a small decline.



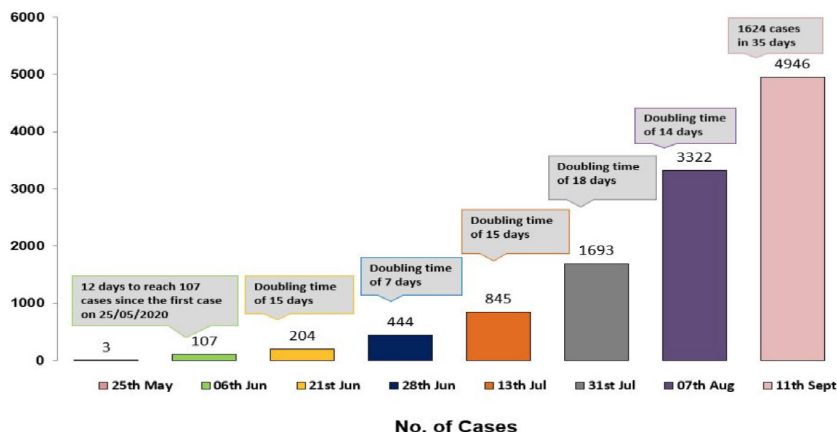
RT PCR test is the 'Gold Standard' test in the world. The state has one BSL-3 lab and 2 BSL-2 with RT PCR testing facility. 62 % of all tests have been done by RT-PCR.



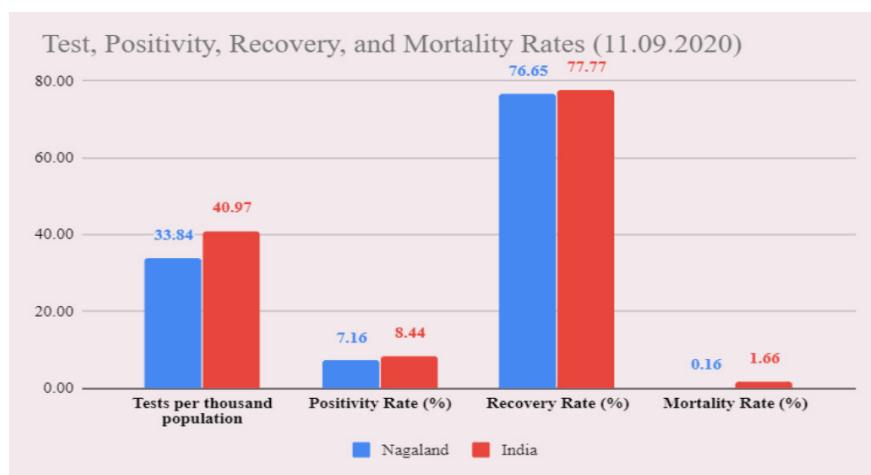
There are also 29 Truenat Machines in government facilities.

A total of 69,050 samples have been tested till date.

DOUBLING TIME OF CASES IN NAGALAND



TESTING, POSITIVITY, RECOVERY AND MORTALITY RATES



Recovery rate of 77% is equivalent with the country's recovery rate.

The testing rate per thousand is 34, which is below the national average of 41.

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

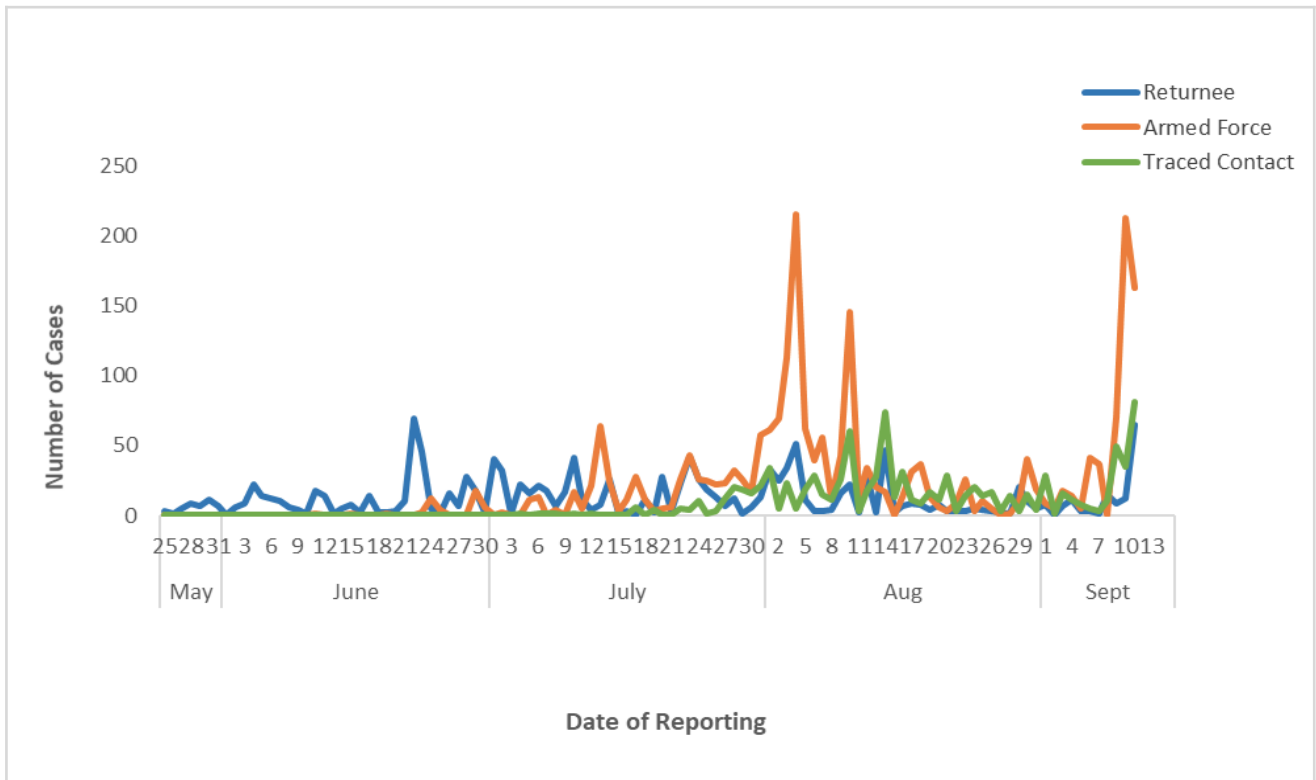
District	Covid Hospital	CCC	Active cases currently under Home Isolation
Dimapur	15 %	34 %	7
Kiphire	0 %	0 %	0
Kohima	13 %	37 %	69
Longleng	0 %	5 %	0
Mokokchung	0 %	44 %	0
Mon	0 %	30 %	5
Peren	5 %	0 %	0
Phek	0 %	0 %	0
Tuensang	17 %	0 %	1
Wokha	0 %	36 %	0
Zunheboto	6 %	22 %	0
TOTAL	8 %	31 %	82

DISTRIBUTION OF CURRENT ACTIVE CASES IN FACILITIES AND HOME

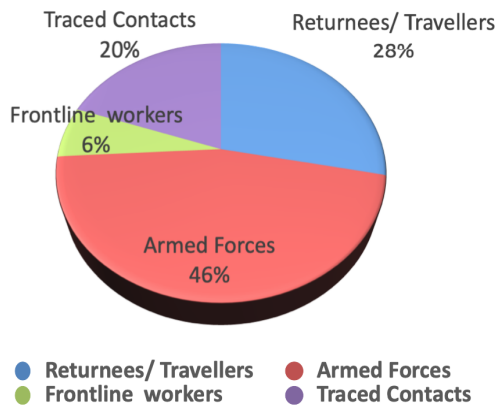
Facility	Total Cases	%
Covid Hospital	41	4%
Covid Care Center	592	52%
Home Isolation	82	7%
Military Establishments	419	37%
TOTAL	1134	100%

* Military, paramilitary centres and non-Covid hospitals are not included.

CATEGORIZATION OF CONFIRMED CASES and CONTACT TRACING



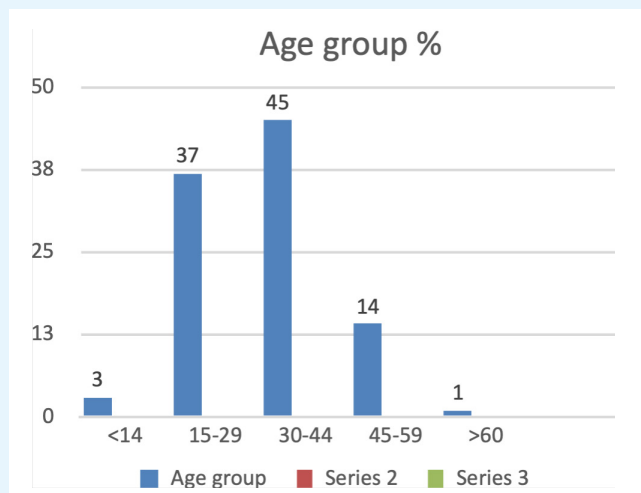
GENERAL CATEGORIZATION OF CASES



DESCRIPTIVE EPIDEMIOLOGY

Gender	Male 83 %, Females 17 %
Median Age	32 years
Range (Age)	1 month- 93 years
Cases with comorbidity	0.34 % (17/4946)
Total Traced Contacts	18707
Primary contacts	6337

Age group %



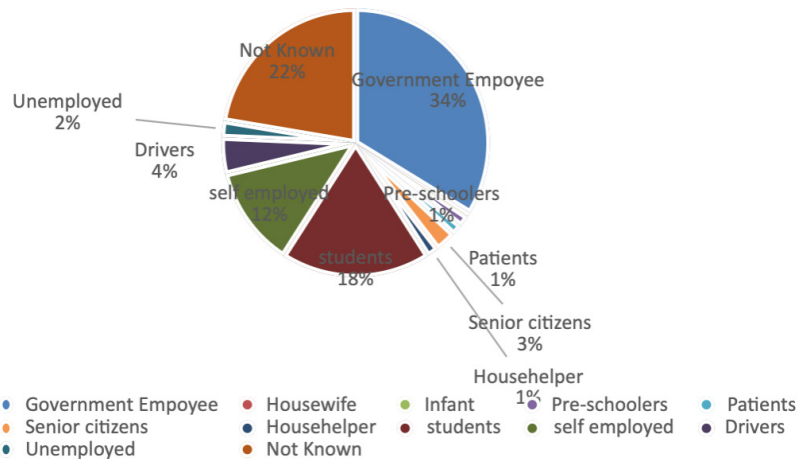
AGE DISTRIBUTION OF COVID-19 CASES

In Nagaland, the most affected age group is 30-44 years (45%) and 15-29 years (37%) who could be major spreaders of the virus. Till date, 164 students are from traced positive contacts.

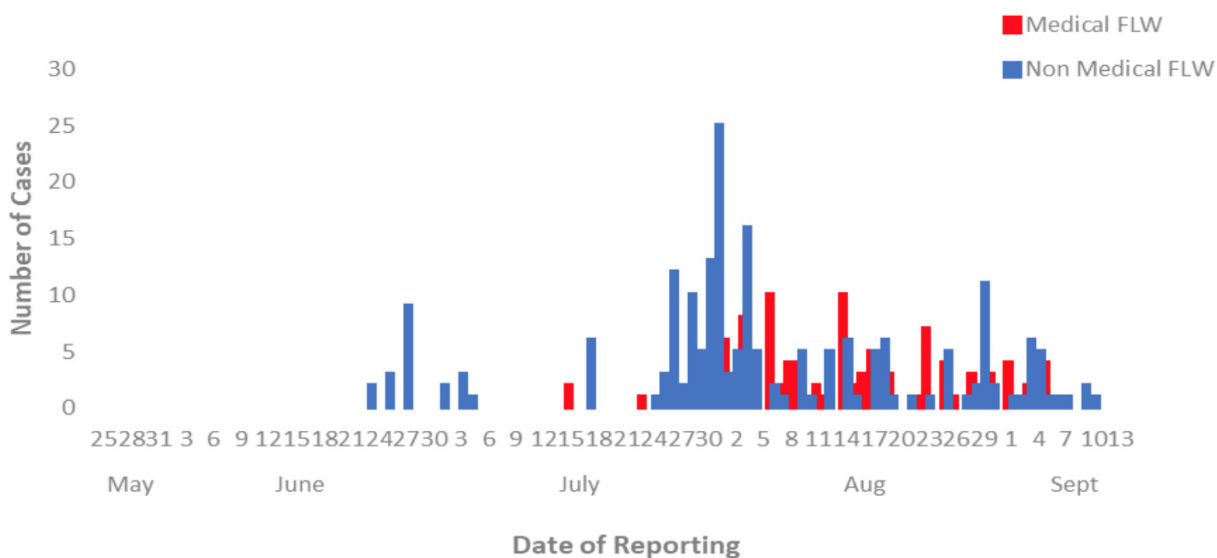
CLASSIFICATION OF POSITIVE TRACED CONTACTS BY OCCUPATION

Maximum positive contacts are government employees with infection from work places.

Students make up 18 % of the positive traced contacts.



INFECTION AMONG FRONTLINE WORKERS



DISTRICT DISTRIBUTION OF ACTIVE CASES AND SAMPLING

(as on 11th September 2020)

District	Active Cases	Samples Tested	Tests per thousand population	Positivity Rate
Dimapur	623	26,462	68	10.1 %
Kiphire	11	654	9	2.3 %
Kohima	432	18,919	68	9.1 %
Longleng	0	710	14	0.8 %
Mokokchung	15	2,447	12	1.6 %
Mon	28	8,519	33	3.7 %
Peren	1	3,910	40	7.9 %
Phek	2	2,121	13	1.6 %
Tuensang	16	2,620	13	3.0 %
Wokha	2	1,095	6	2.4 %
Zunheboto	4	1,593	11	7.5 %
NAGALAND	1,134	69,050	34	7.7 %

Public Appeal

We are at a crucial juncture in this fight against the pandemic. The State has relaxed many establishments in the Unlock-4 guidelines only for livelihood sustainability and economic reasons. The threat of the virus is more than ever now. Every individual should strictly follow standard safety protocols to break the chain of transmission. Complacency at this juncture will prove to be very costly.

“The threat of the virus is more than ever now.”

AVOID the 3 C's



CROWDED PLACES



CLOSE-CONTACT SETTINGS



CONFINED OR ENCLOSED SPACES

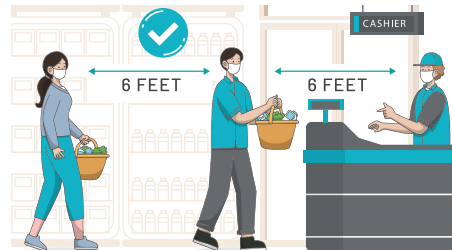
FOLLOW the 3 W's




WEAR MASK



WASH HANDS




WATCH DISTANCE

 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