ISSUE NO.63 | 18 SEPTEMBER 2021

COVID-19
WEEKLY BULLETIN

DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

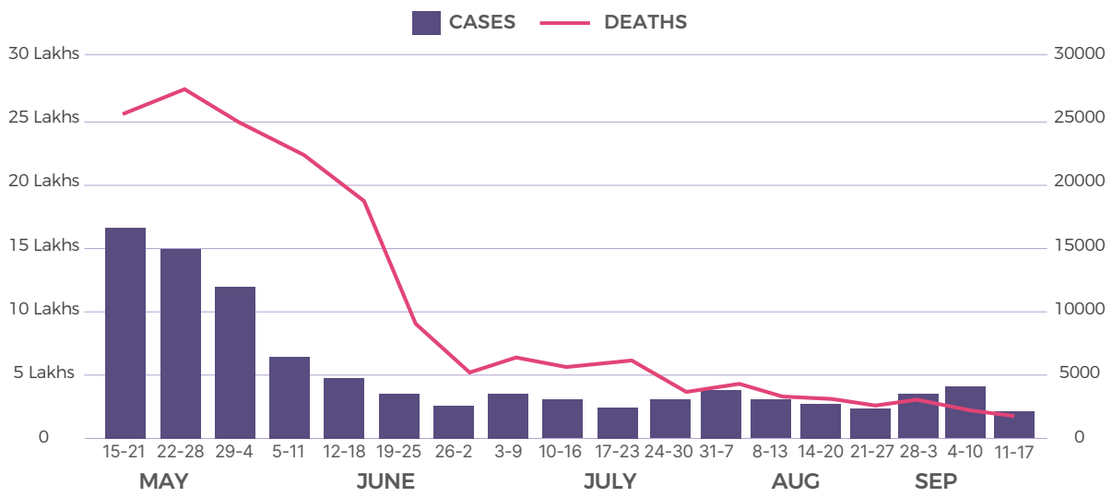
Global Epidemiological Update

All regions reported decline in cases and deaths as per the WHO Epidemiological report. 1,704 deaths in Under 5 children have been recorded across the globe during the Pandemic constituting about 0.1% of all deaths (WHO).

National update

2,09,060 cases and 2,212 deaths were reported from the week. The weekly sample positivity remains the same as the state at 1.97%.

79.42 crore doses of the COVID-19 vaccine have been administered across the country.



As on 17 SEP 2021

Global | National | State

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 Vaccine Doses given
World	22,68,44,344	46,66,334	2.06%	5.63 billion
India	3,34,17,390	4,44,529	1.33%	79.42 crores
Nagaland	30,780	638	2.07%	9.67 lakhs

In the past week:

World: 38,21,806 cases and 63,452 deaths.

India: 2,09,060 cases and 2212 deaths.

Nagaland: 225 cases and 18 deaths.

As on 17 SEP 2021

Covid-19 Situational Level - North Eastern States

State	Active Cases	Total Deaths	Death Rate	Deaths per 1 lakh population	1st Dose Covid-19 vaccine coverage of eligible beneficiaries
Mizoram	14,295	254	0.3	21	90%
Assam	5,165	5,788	1	17	90%
Manipur	2,272	1,826	1.5	59	62%
Meghalaya	1,952	1,371	1.7	43	49%
Sikkim	756	379	1.2	57	100%
Arunachal P	505	271	0.5	18	80%
Nagaland	471	638	2	30	54%
Tripura	404	807	1	20	89%

Meghalaya, Nagaland and Manipur are the least vaccinated states in the NorthEast. These states also have the highest COVID-19 mortality rate.

Source: MoHFW, covid19india.org

VACCINE EFFECTIVENESS AGAINST DELTA VARIANT

Outcome	Oxford-AstraZeneca/ COVISHIELD effectiveness against Delta Variant
Infection	60-70%
Symptomatic Disease	65-75%
Hospitalization	90-99%
Mortality	90-95%

Source: Covid19 Vaccine surveillance report, Public Health England.

"COVID-19 Vaccines reduces hospitalization by more than 25 times"

- CDC, USA

VACCINE EFFECTIVENESS IN THE SECOND WAVE (March 21 till date)

99% of COVID-19 deaths are not fully vaccinated and 90% of deaths have not received even a single dose. Fully vaccinated individuals constitute only 9% of all positive cases since March '21. "The impact of the second wave was overwhelmingly among the unvaccinated and the same is expected in the third wave. Reducing deaths in the third wave will need a high vaccination coverage immediately before it hits the state."

VACCINATION STATUS OF CONFIRMED CASES

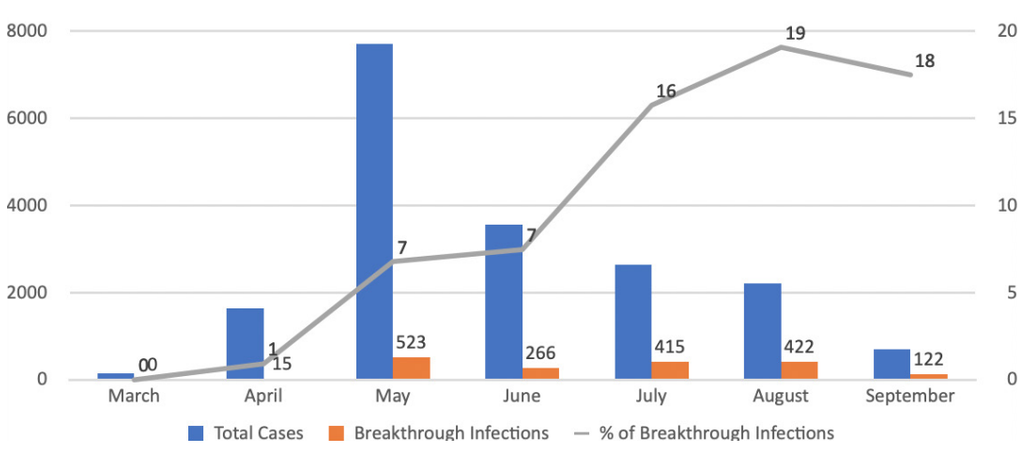
Total Positive Cases since March 2021	Confirmed cases among vaccinated by first dose	Total breakthrough infections (Positivity among fully vaccinated individuals)	Unvaccinated Positive cases
18,580	2,766	1,763	14,051
	15%	9%	76%

VACCINATION STATUS OF COVID-19 DEATHS IN THE STATE

Total Deaths since March 2021	Deaths among those vaccinated by one dose	Deaths among fully vaccinated	Not fully Vaccinated	Did not receive a single dose
567	59	7	560	508
	10%	1%	**99%**	90%

BREAKTHROUGH INFECTIONS (March 21 till date)

Breakthrough infections are those whose samples are positive two weeks after the second dose (fully vaccinated individuals)



HIGH MORTALITY RATE AMONG PREGNANT WOMEN OBSERVED

The death rate among pregnant women has been found to be much higher than the general population as COVID-19 infection substantially increases complications during pregnancy. The mortality rate of 10.3% among pregnant women as against 2% among general population calls for adequate preventive measures. None of the COVID-19 deaths were found to be vaccinated.

Total confirmed cases among Pregnant women	Total COVID-19 deaths among Pregnant women	Total Vaccinated among deaths	Death Rate
87	9	0	10.3%

All pregnant women should get vaccinated at the earliest and follow all Covid-19 appropriate behaviour to avoid infection.

WEEKLY SUMMARY

- 225 cases and 18 deaths were reported from the week. 16 deaths were reported from Dimapur alone. **The high fatality rate is due to low vaccination coverage and large number of undetected cases in the population.**
- **For the 5th week, the sample positivity rate has remained below 5% in the state.** The current weekly sample positivity of 1.9 % is the same as the national weekly positivity rate. All districts have maintained a positivity rate of less than 5%.
- 12,124 samples were tested in the week and 225 cases were detected. **The number of reported cases could be much lesser than the actual cases** due to hesitancy in testing, reporting of self-tests / COVISELF and false negative cases from rapid antigen tests.
- **99% of COVID-19 deaths are not fully vaccinated and the second wave has affected mostly the unvaccinated.** Reduction of deaths in the subsequent waves will mostly depend on the vaccination coverage.
- **Death rate among pregnant women is found to be higher than the general population** at 10.3%. 9 COVID-19 deaths have been reported among pregnant women and none of them had been vaccinated. Vaccination for pregnant women is highly advised.
- 46,296 doses of COVID vaccine were administered in the week taking the total doses to 9.67 lakhs. **Second dose is critical to ensure maximum protection.**

(SOURCE: UIP, DHFW)

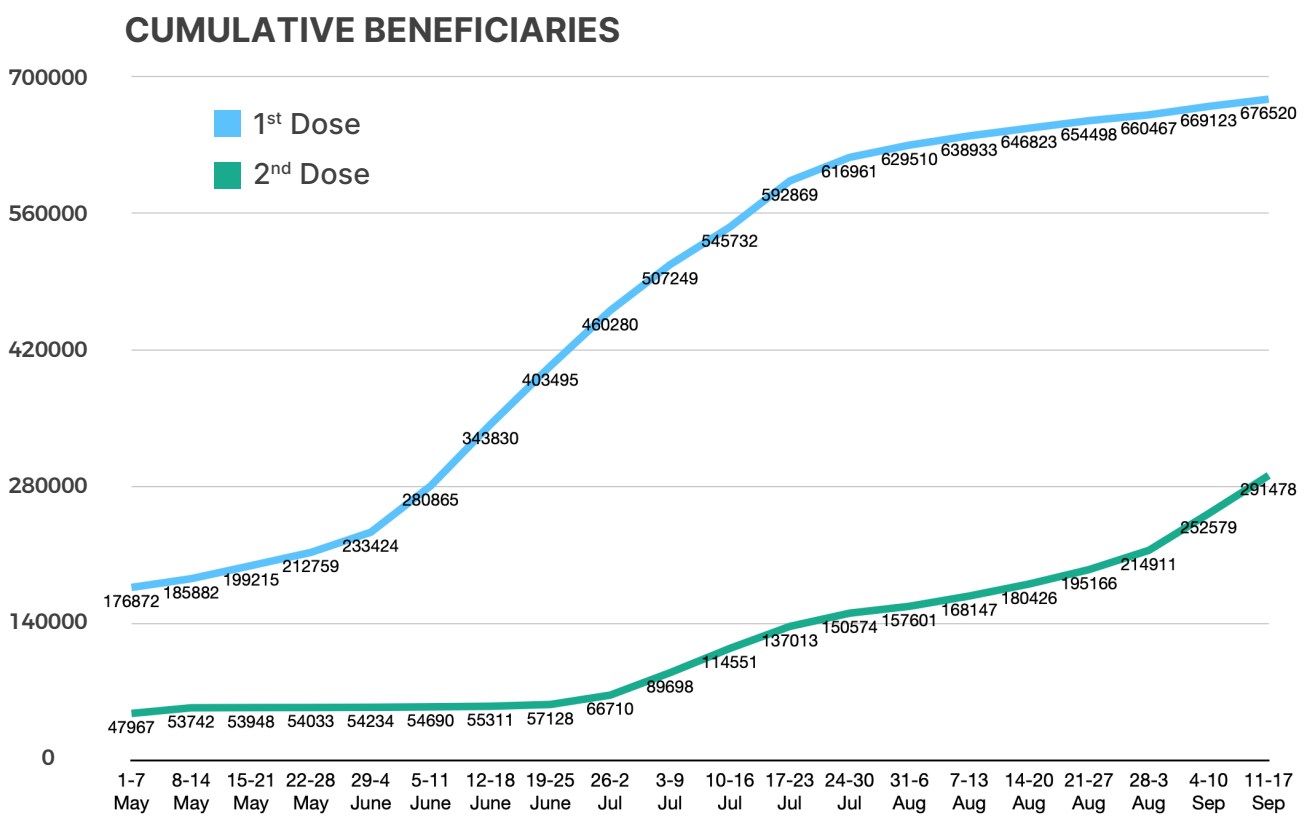
COVID-19 VACCINATION

46,296 doses were administered in the week

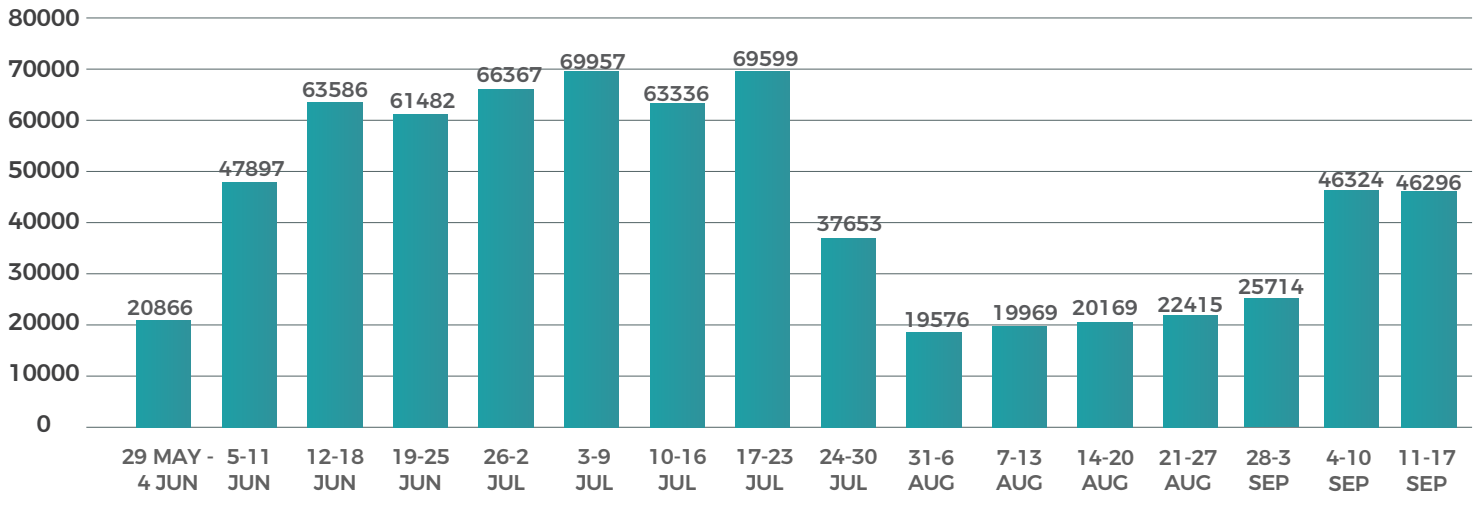
1st dose= 7,397 | 2nd dose= 38,899

District	Total doses administered	Total Doses administered in the last 7 days	Coverage of eligible beneficiaries	
			1st Dose	2nd Dose
Dimapur	338745	16144	112 %	39 %
Kohima	156898	9898	64 %	34 %
Longleng	30164	1259	55 %	27 %
Mokokchung	101271	4340	48 %	25 %
Mon	100319	4762	43 %	21 %
Zunheboto	49850	3214	38 %	14 %
Wokha	50411	1335	33 %	16 %
Tuensang	50851	1542	32 %	13 %
Peren	27216	1146	31 %	15 %
Phek	45774	2298	30 %	15 %
Kiphire	16499	358	23 %	9 %
State	9,67,998	46,296	54%	24%

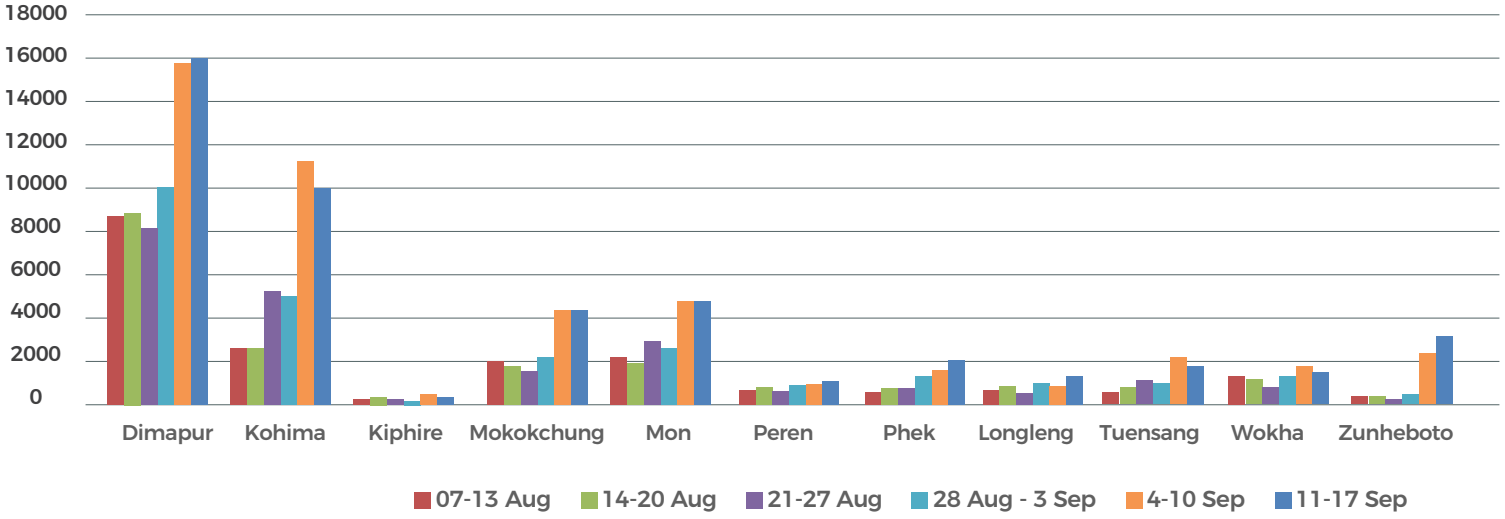
**Coverage is based on census and is subject to accuracy of census population, migration, and other factors.*



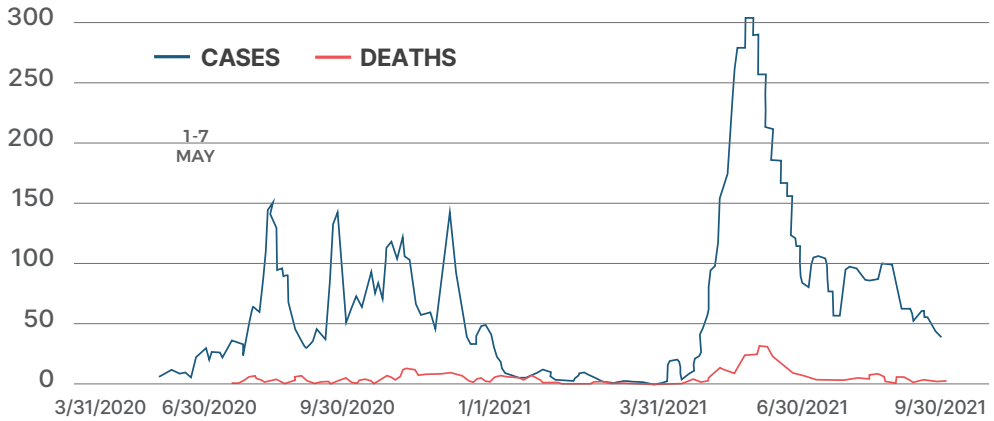
TOTAL WEEKLY VACINE DOSES ADMINISTERED



WEEKLY DOSES ADMINISTERED IN THE LAST 6 WEEKS



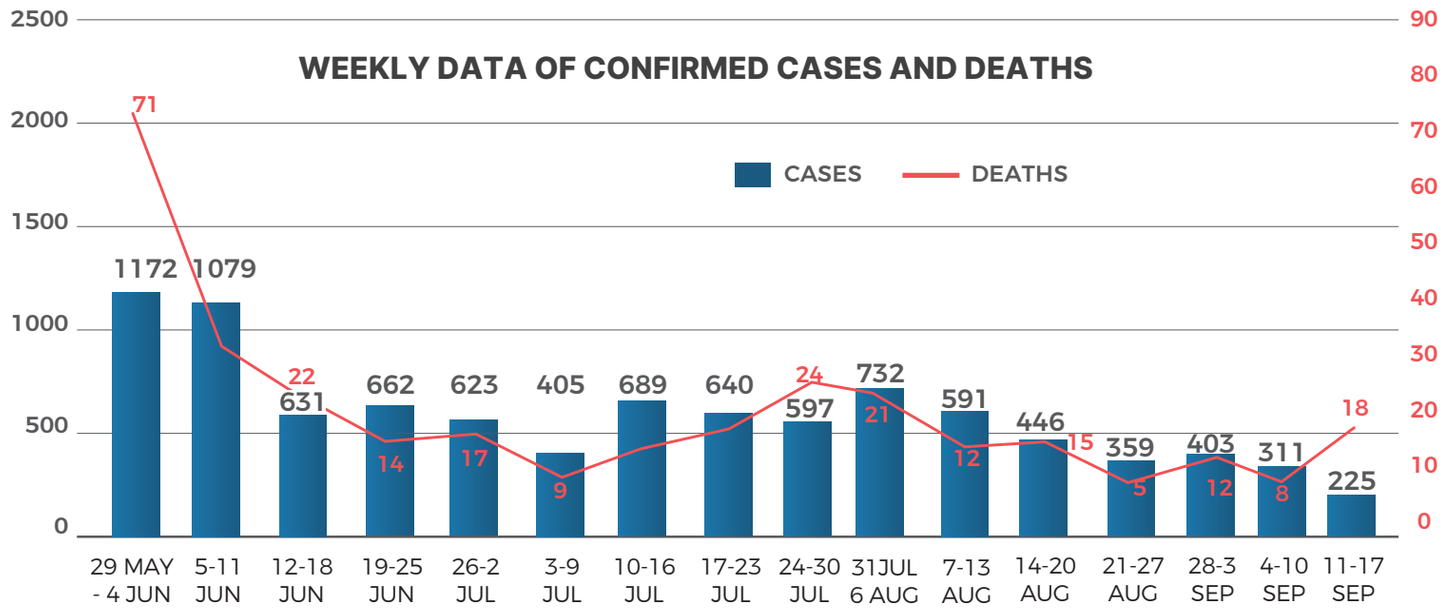
DAILY COVID-19 CASE INCREASE WITH 7 DAY MOVING AVERAGE

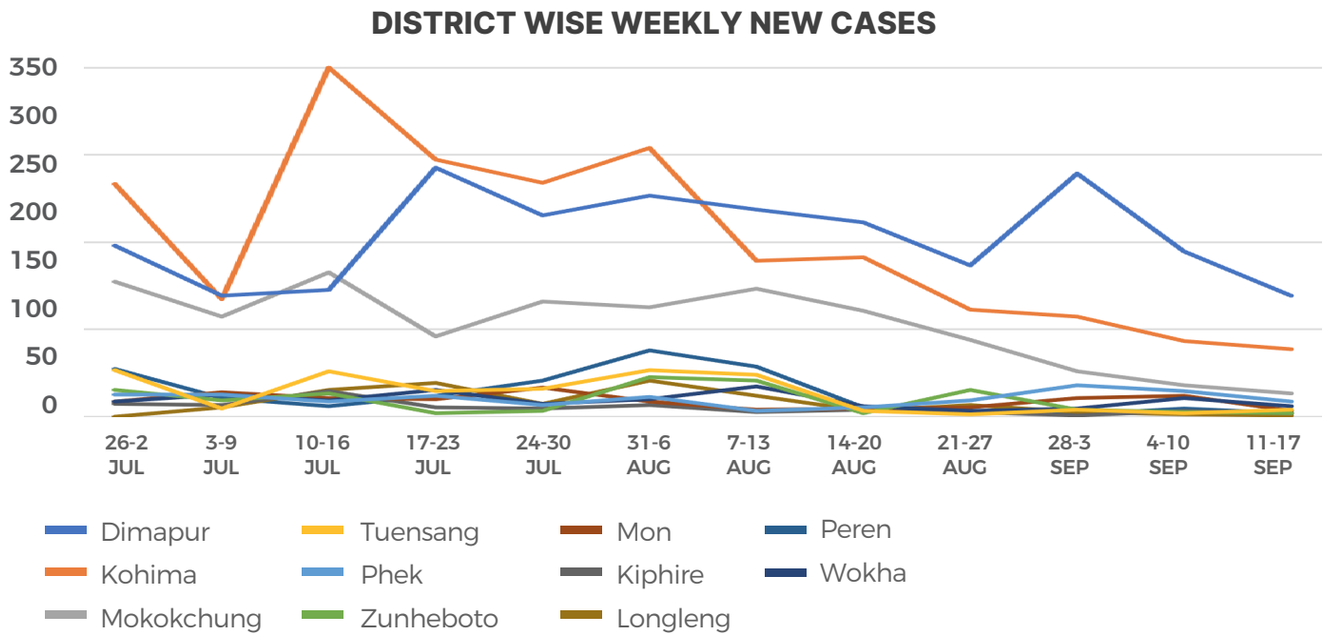


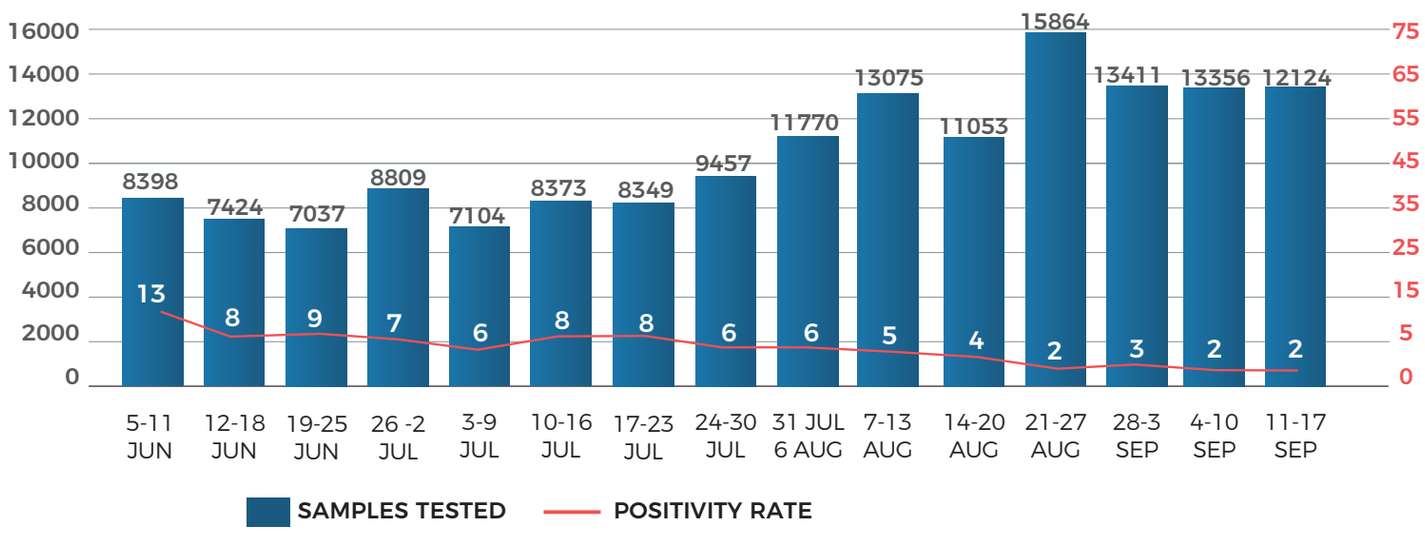
DATA AS ON 17 SEPTEMBER 2021

CONFIRMED CASES (weekly data)

225 confirmed cases this week





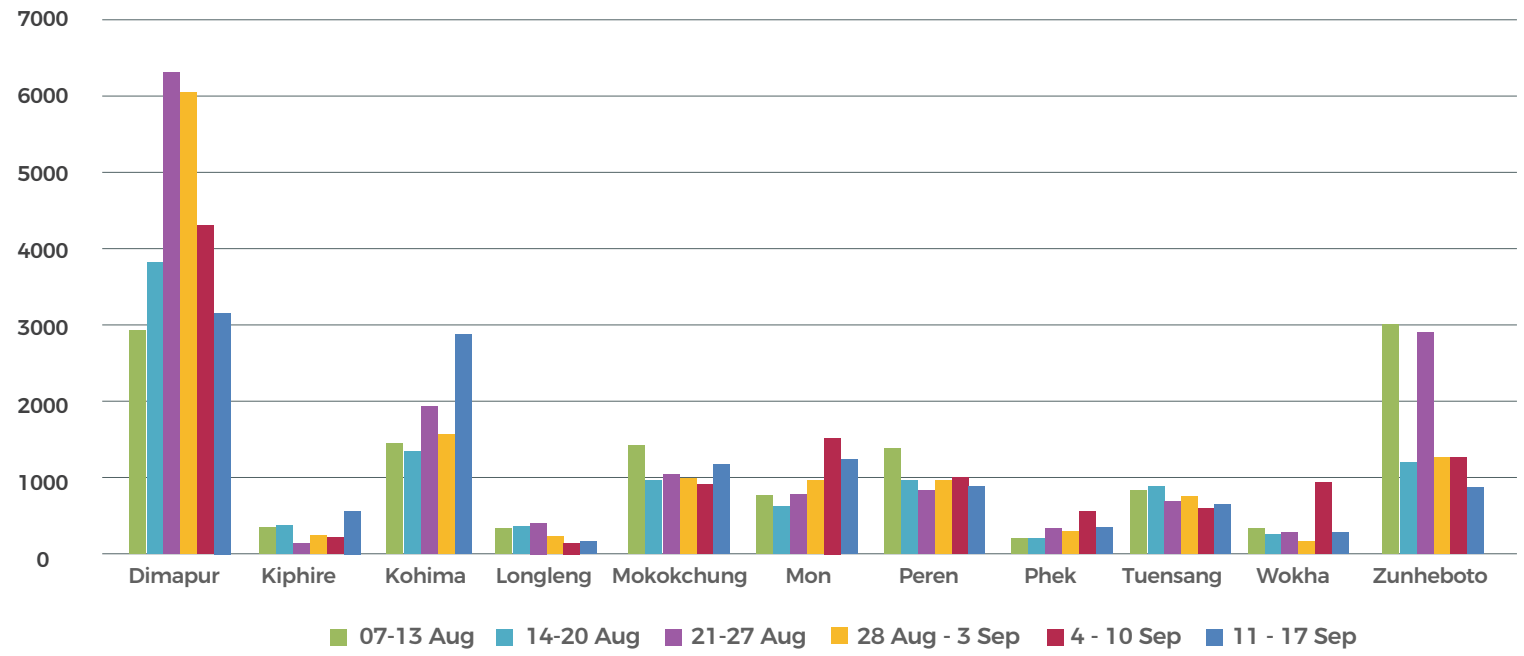


CONFIRMED CASES THIS WEEK

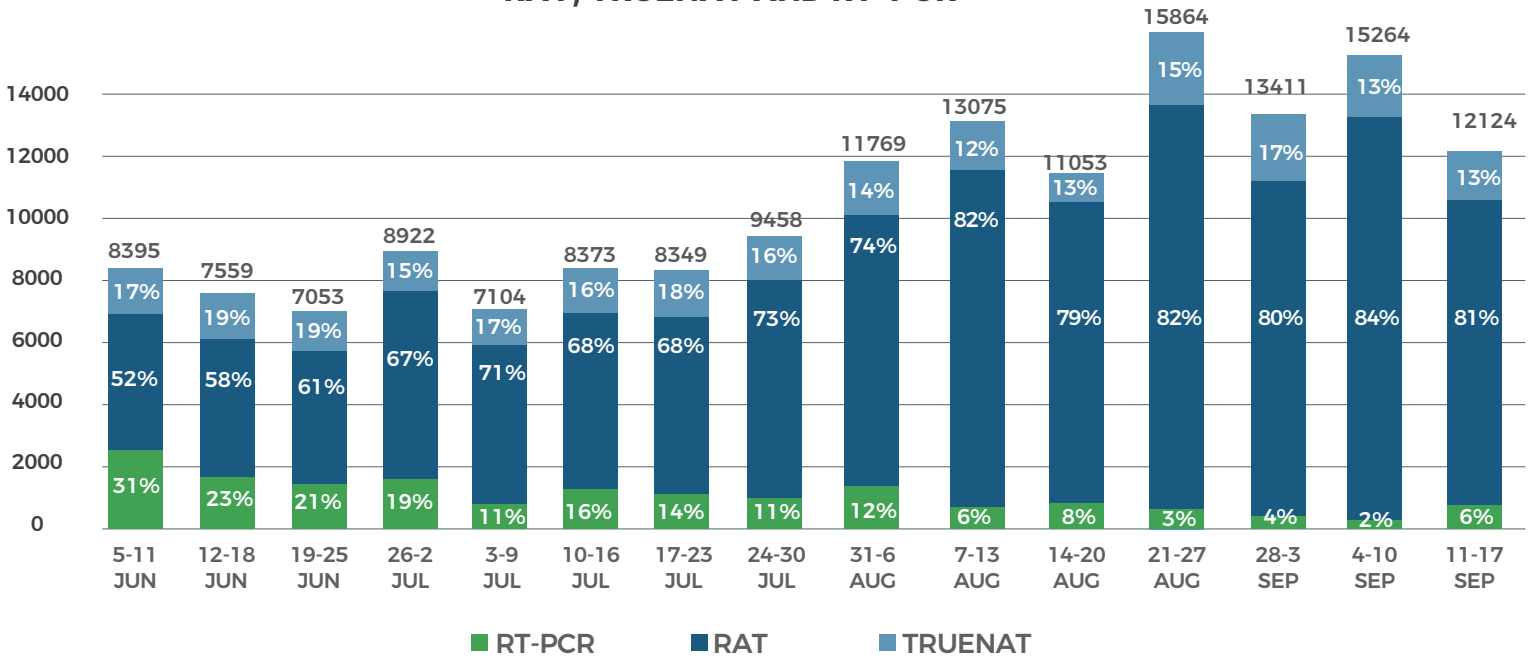
Category	Cases	%
Self- Test/ Random Test	164	73 %
Traced contacts	39	17 %
Frontline workers	11	5 %
Travellers	11	5 %
Security personnel	0	0 %
TOTAL	225	100%

12,124 samples were tested the past week with a weekly positivity rate of 2%.

DISTRICT WISE WEEKLY SAMPLING/TESTING FOR THE LAST 6 WEEKS

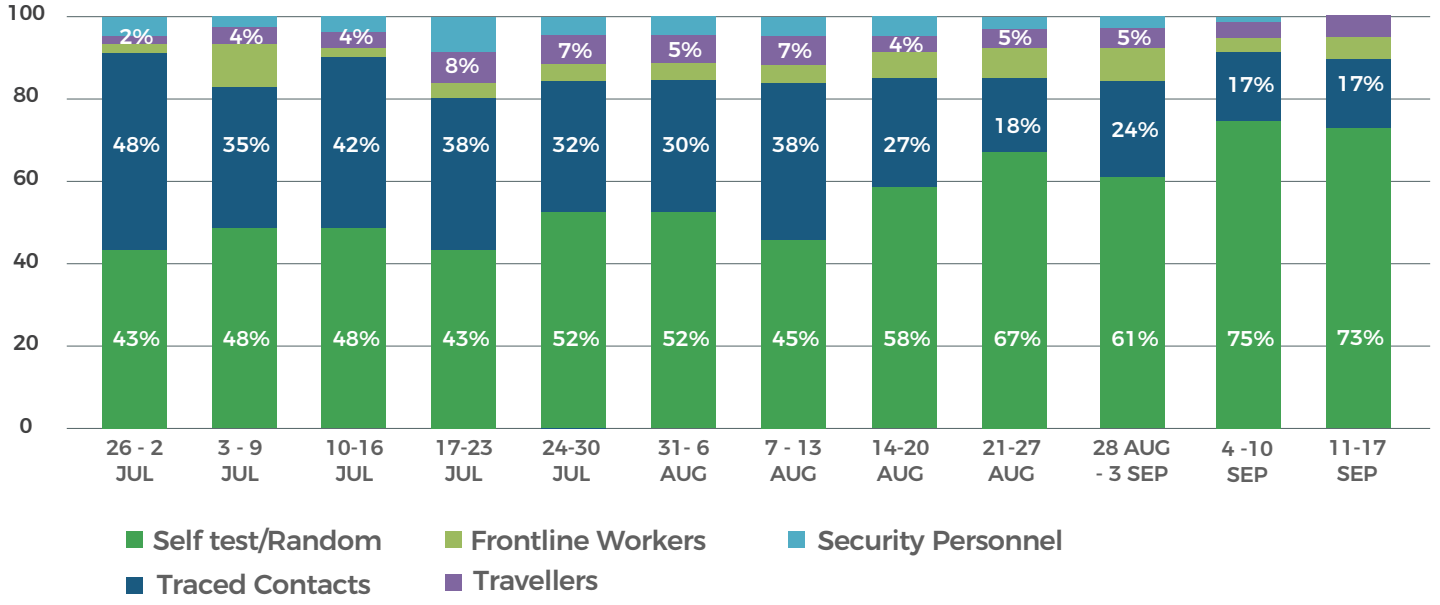


PERCENTAGE OF WEEKLY TESTING DONE THROUGH RAT, TRUENAT AND RT-PCR

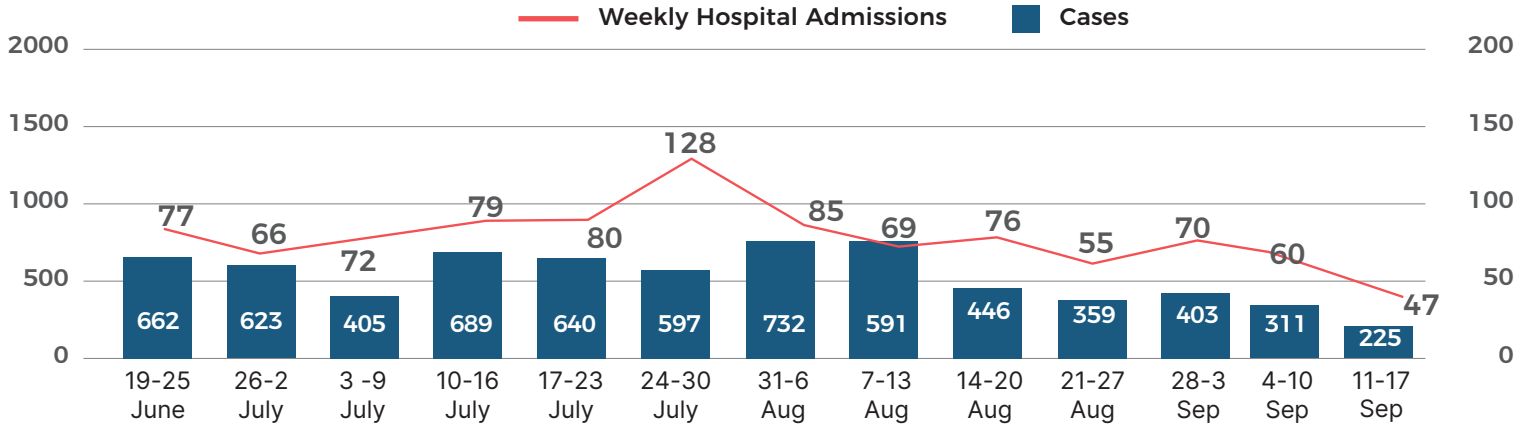


GENERAL CATEGORIZATION OF CONFIRMED CASES (WEEKLY PERCENTAGE)

Gradual increase in Self- Random tests category signifies community transmission without a known source of infection.

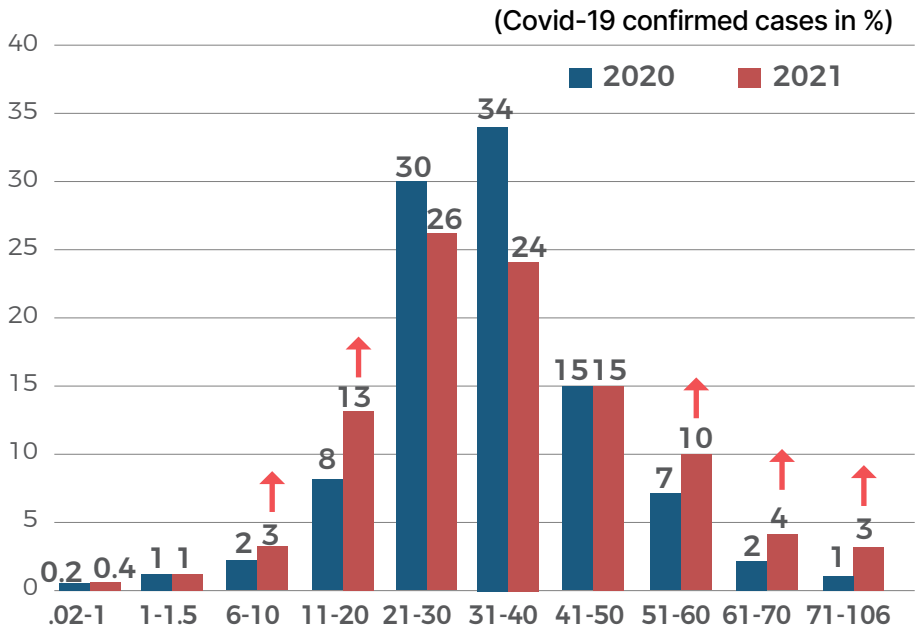


WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES

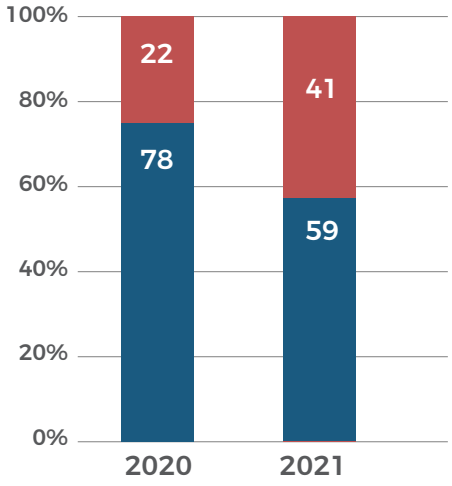


DISTRIBUTION OF CONFIRMED CASES BY AGE-GROUP

Age Group	2020 Cases	2021 Cases
.02-1	25	84
1.1-5	146	271
6-10	189	482
11-20	1005	2406
21-30	3579	4890
31-40	4060	4588
41-50	1750	2838
51-60	849	1812
61-70	210	857
71-106	114	625
TOTAL	11,927	18,853



Between 2020 and 2021, proportion of cases increased in the 6-10., 11-20, 51-60 and 71-106 year age groups.



DISTRIBUTION OF CONFIRMED CASES BY GENDER

Proportion of confirmed cases among females increased from 22% (2020) to 41 % (2021)

Female

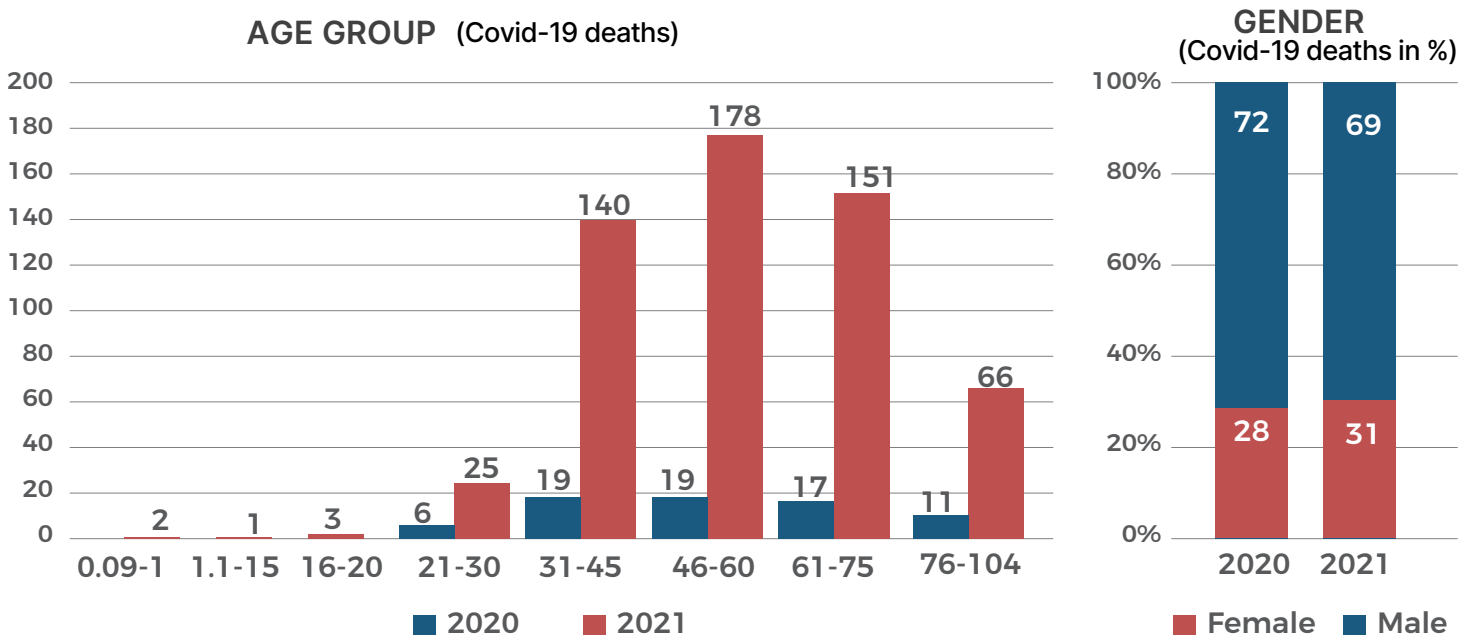
Male

DATA AS ON 17 SEPTEMBER 2021

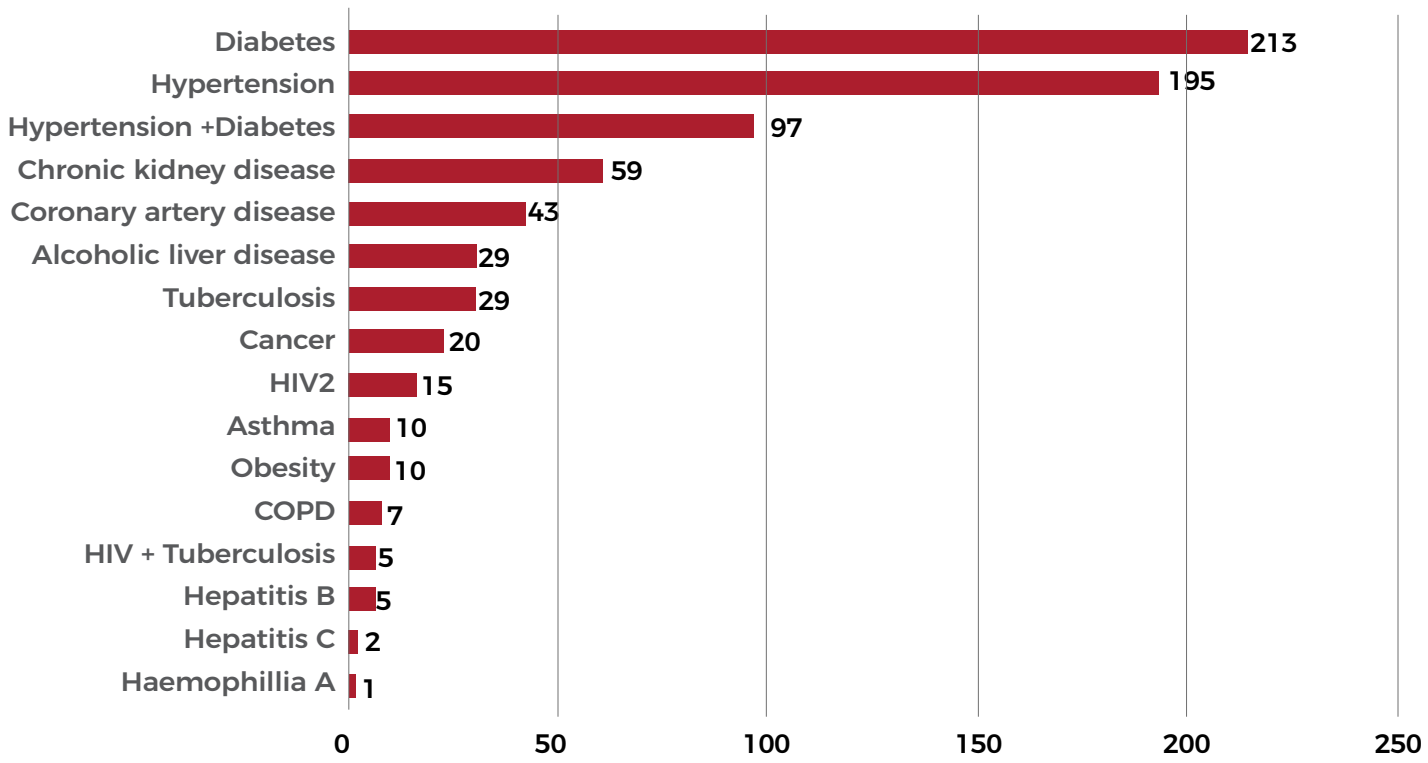
COVID DEATHS IN THE STATE

18 deaths reported this week

DISTRIBUTION OF COVID-19 DEATHS (2020 AND 2021)



UNDERLYING DISEASES AMONG COVID-19 DEATHS



*More than one disease may be associated with a single case

Anyone with any of the underlying diseases should be vaccinated at the earliest.

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	17-23 JULY	24-30 JULY	31-6 AUG	7-13 AUG	14-20 AUG	21-27 AUG	28 AUG - 3 SEP	4-10 SEP	11-17 SEP
Dimapur	8	6	6	6	4	2	3.4	3.3	3.2
Kohima	16	13	16	9	10	5	5.5	3.1	2.1
Tuensang	2	5	5	4	1	1	0.8	0.5	0.9
Mokokchung	9	8	8	8	9	6	4.0	3.1	1.7
Phek	4	6	4	2	4	4	9.4	3.9	3.8
Zunheboto	1	2	1	1	1	1	0.5	0.3	0.4
Mon	2	2	1	1	1	1	1.7	1.3	0.4
Longleng	14	5	11	5	1	2	1.9	1.6	0.7
Wokha	12	7	6	8	4	2	4.4	1.9	2.8
Kiphire	4	2	4	1	2	2	0.5	2.5	0.5
Peren	4	3	11	3	1	1	0.2	0.7	0.3
State	8	6	6	5	4	2	3.0	2.3	1.9

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(4 - 10 SEP 2021)

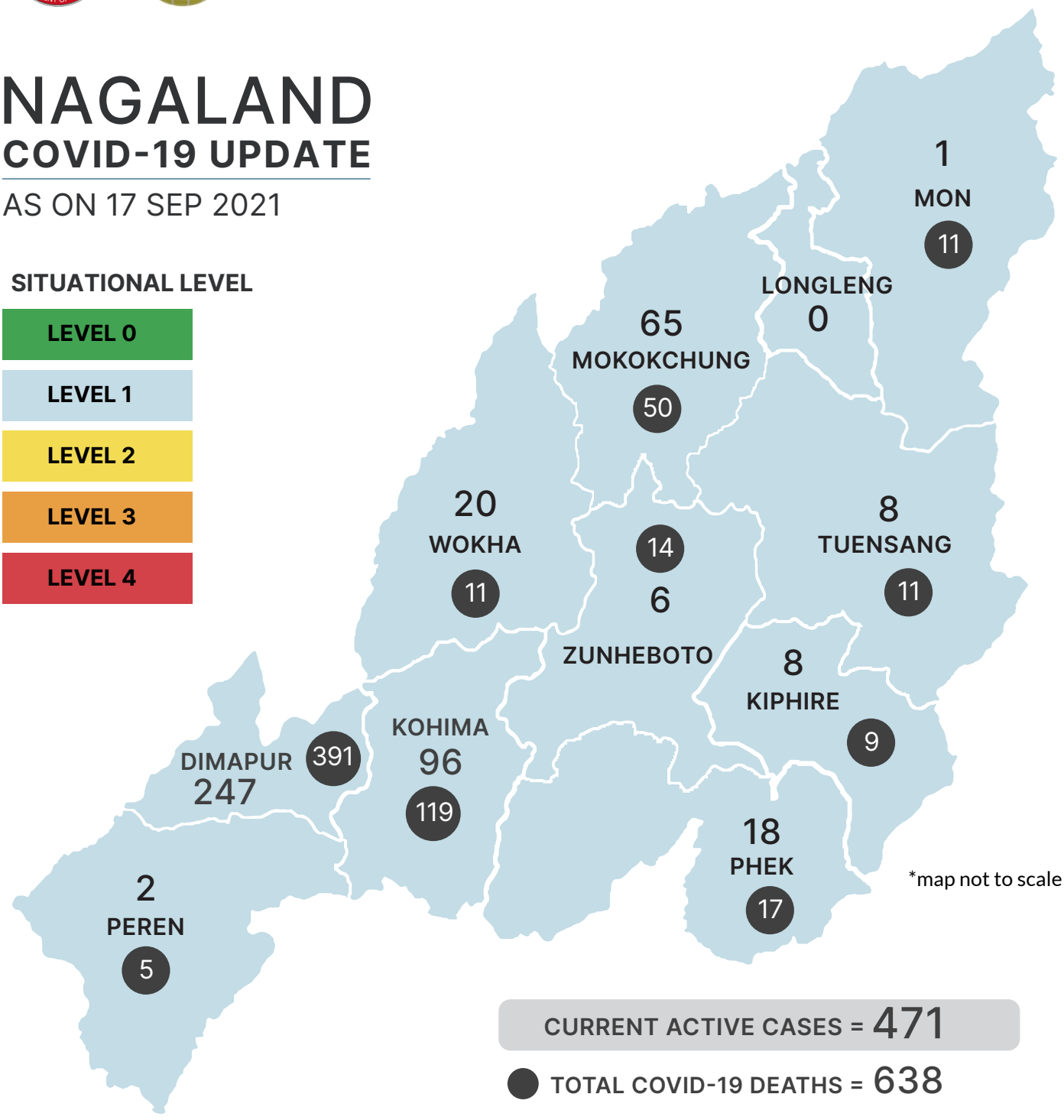
District	Situational Level	Active Cases as on 17 Sep 2021	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 17 SEP 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	1	247	104	0.11	391	16	29	4	3277	3.2%
Kohima	1	96	58	0.09	119	2	11	4	2796	2.1%
Mokokchung	1	65	20	0.13	50	0	2	8	1174	1.7%
Wokha	1	20	9	0.34	11	0	2	0	320	2.8%
Phek	1	18	13	0.34	17	0	1	5	346	3.8%
Kiphire	1	8	3	0.17	9	0	0	9	575	0.5%
Tuensang	1	8	6	0.08	11	0	2	4	648	0.9%
Zunheboto	1	6	3	0.07	14	0	0	0	770	0.4%
Peren	1	2	3	0.05	5	0	0	0	859	0.3%
Mon	1	1	5	0.06	11	0	0	0	1217	0.4%
Longleng	1	0	1	0.05	0	0	0	0	142	0.7%
State		471	225	0.10	638	18	47	3	12,124	1.9%

DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

NAGALAND
COVID-19 UPDATE
AS ON 17 SEP 2021

SITUATIONAL LEVEL

- LEVEL 0
- LEVEL 1
- LEVEL 2
- LEVEL 3
- LEVEL 4



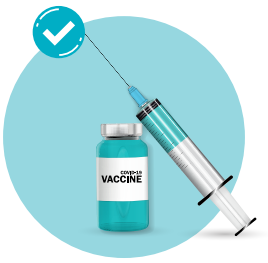
*map not to scale

CURRENT ACTIVE CASES = 471

TOTAL COVID-19 DEATHS = 638

*For data reporting, Noklak is covered under Tuensang district as there is no separate surveillance unit yet for the district.

LET'S STOP COVID-19!



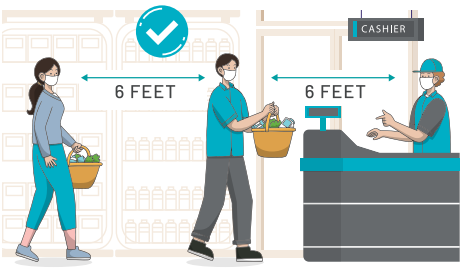
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

for all citizens 18 years and above



REGISTRATION

at vaccination center
or online at
WWW.COWIN.GOV.IN

select preferred Covid19
Vaccination Center (Govt./Pvt.)



CONFIRMATION

1 - SMS on registration
2 - SMS with date, time & place of vaccination
3 - SMS after 1st dose & next due date & time



VACCINATION

carry photo ID proof for verification.

VACCINATION AT GOVERNMENT FACILITIES IS FREE!

www.nagahealth.nagaland.gov.in
www.covid19.nagaland.gov.in
www.nsdma.nagaland.gov.in

@MyGovNagaland
@HealthNagaland
Coronaga

DR.NEIKHRIELIE KHIMIAO
Principal Director
Department of H&FW, Nagaland

Bibliography:
DoHFW, Nagaland; COVID-19 War Room, Nagaland; MoHFW; WHO; WCO Nagaland; NCDC, New Delhi; CDC, Atlanta; Bloomberg ; NEJM; BMJ