

COVID-19

WEEKLY BULLETIN



Global Epidemiological update

Global cases and deaths continue to decrease and apart from the Western Pacific region all regions reported a decline in cases. Highest number of cases were reported from India, Brazil and USA. 165 million people have been infected across the globe with over 3.4 million deaths.

India: Daily cases decrease but peri urban and rural spread alarming

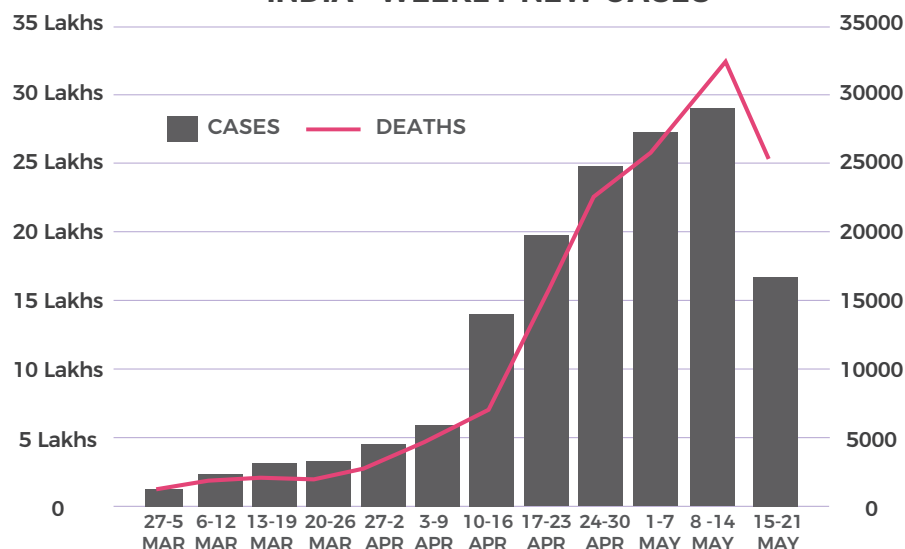
Total weekly cases decrease for the first time in a month.

Karnataka, Maharashtra Kerala, Tamil Nadu and Andhra Pradesh have the highest number of active cases currently.

Rural spread especially in South India is alarming.

India continues to report the highest number of new cases globally.

INDIA: WEEKLY NEW CASES



As on 21 MAY 2021

Global | National | State

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 Vaccine Doses given
World	16,51,58,285	34,25,017	2.07%	1.6 billion
India	2,60,31,991	29,13,31	1.12%	19.3 crores
Nagaland	19,593	247	1.26%	2.53 lakhs

In the past week:

World: 43,44,416 cases and 86,015 deaths.

India: 16,59,084 cases and 25,124 deaths.

Nagaland: 2,062 cases and 68 deaths.

As on 21 MAY 2021

North Eastern States

State	Active Cases	Total Deaths
Assam	53165	2507
Manipur	6904	646
Tripura	6807	455
Meghalaya	6477	389
Nagaland	4588	247
Sikkim	3122	217
Arunachal Pradesh	2731	89
Mizoram	2303	30

COVID-19 DISEASE PROGRESSION

When you are tested positive for COVID-19, you can undergo any of the following stages

Adapted from COVID-19 Management Protocol, East Virginia Medical School.

Stage 1 Incubation Period	Stage 2 Mild Symptomatic	Stage 3 Early phase of Lung infection (Moderate symptoms)	Stage 4 Hyperinflammatory phase Severe or critical symptoms
WHAT HAPPENS DO YOUR BODY?			
Virus enters our body and multiplies inside our cells using the machinery inside our body. Virus increases in millions.	Our body starts fighting against the viruses by producing antibodies. And when sufficient antibodies are generated, some chemicals called 'cytokines' are released into our blood stream causing mild symptoms.	The infection has reached the lungs and there may be COVID Pneumonia. Millions of dead viral particles are in your system. Your body may start attacking your own cells at this stage leading to blood clots etc.	There is widespread multi system inflammation, cytokine storm, blood clots and Acute Respiratory Distress syndrome (ARDS)
WHAT WILL YOU EXPERIENCE?			
Patient will not have symptoms at this phase.	This is the stage when the first symptoms appear like fever, cough, sore throat, body ache, headache, diarrhoea. In more than 80% of cases, fever comes down by the 4 th , 5 th day and you will recover.	Difficulty in breathing SPO2 is less than 94% High fever and severe cough Deterioration of symptoms, SPO2 is less than 90% on room air.	Oxygen requirement increases.
TIMELINE (AVERAGE)			
Average 5-6 days after you contract the virus but it could be anywhere between 2-14 days.	5 days to 10 days	10 - 14 days	14 - 28 days or more
WHAT SHOULD YOU DO?			
Isolate immediately as this period can be very infectious and observe for appearance of symptoms.	<p>A. Home Isolation B. This stage is critical for monitoring of these signs and symptoms.</p> <ol style="list-style-type: none"> 1. Your fever increases in severity 2. Severe cough 3. Chest congestion or discomfort 4. Difficulty in breathing or SPO2 is low on a Pulse Oximeter <p>You should seek medical help at the earliest if you notice these symptoms. Any of these signs indicate a progression to stage 3/ hospitalization.</p>	Admission in COVID-19 hospital Oxygen therapy, steroids or anticoagulants.	Admission in ICU Oxygen therapy, steroids, anticoagulants or ventilator as necessary.

NOTE

1. Every human body is different and clinical progression may depend on Immunity and other biological factors. Timeline and symptoms indicated are only the average or the usual.
2. Drugs like Remdesivir, Ivermectin, Tocilizumab has very limited data on efficacy and should be used only with caution as prescribed by a medical doctor.
3. Steroids like Dexamethsone/ Methylprednisolone should be used only in a hospital setting as misuse can be fatal.

(SOURCE: UIP, DHFW)

COVID-19 VACCINATION

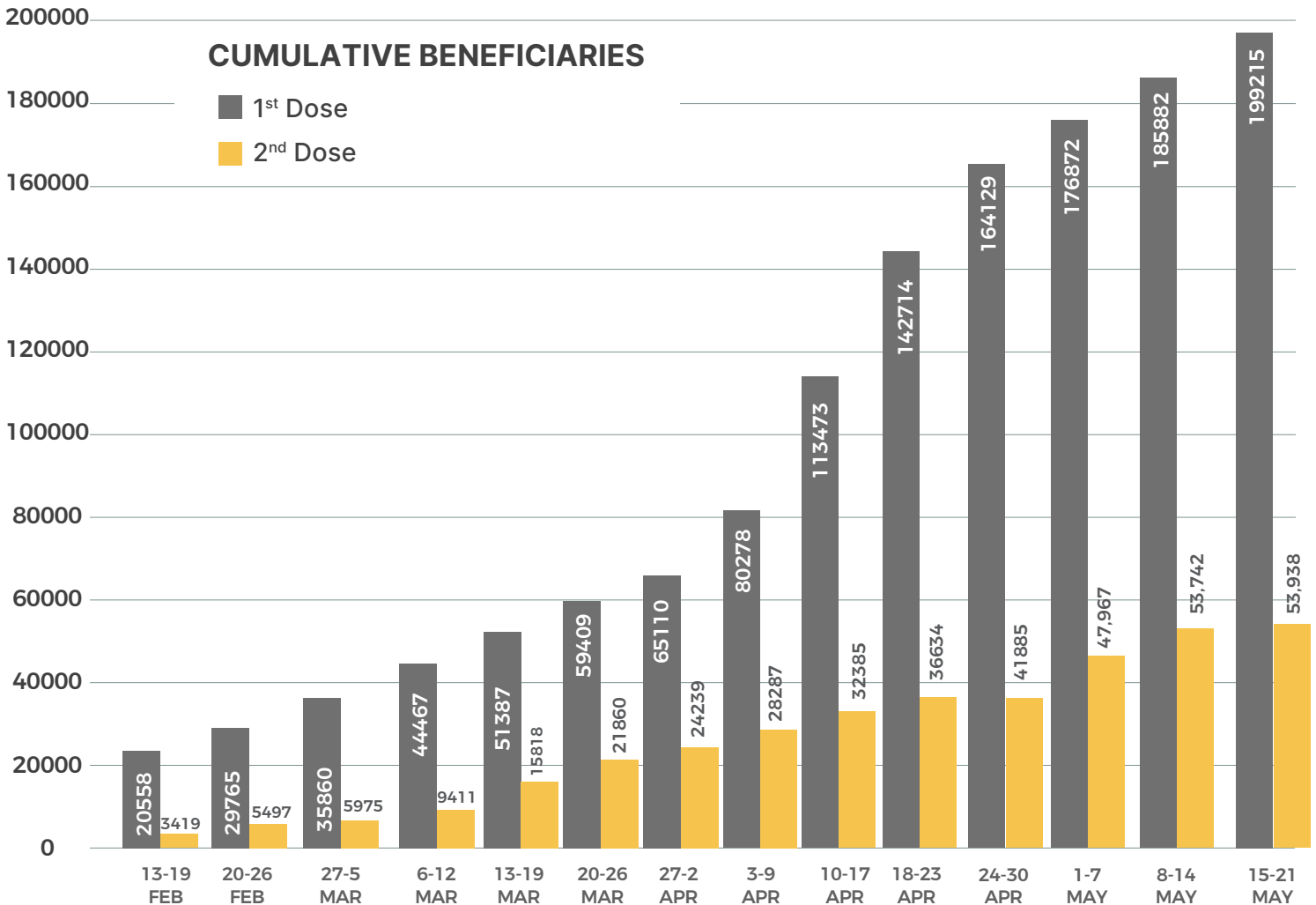
2,53,153 doses have been administered across the state over 4,108 sessions

District	Total doses administered
Dimapur	74987
Kohima	39031
Mokokchung	29024
Mon	25145
Wokha	17345
Phek	16489
Tuensang	14893
Zunheboto	12462
Longleng	9114
Peren	8653
Kiphire	6010
State	2,53,153

Category	Total doses administered
45 years and above 1st dose	1,19,768
45 years and above 2nd dose	15,894
Healthcare workers 1st Dose	15,319
Healthcare workers 2nd Dose	10,172
Frontline workers 1st Dose	56,830
Frontline workers 2nd Dose	27,872
18 to 44 Years 1st Dose	7,298
State	2,53,153

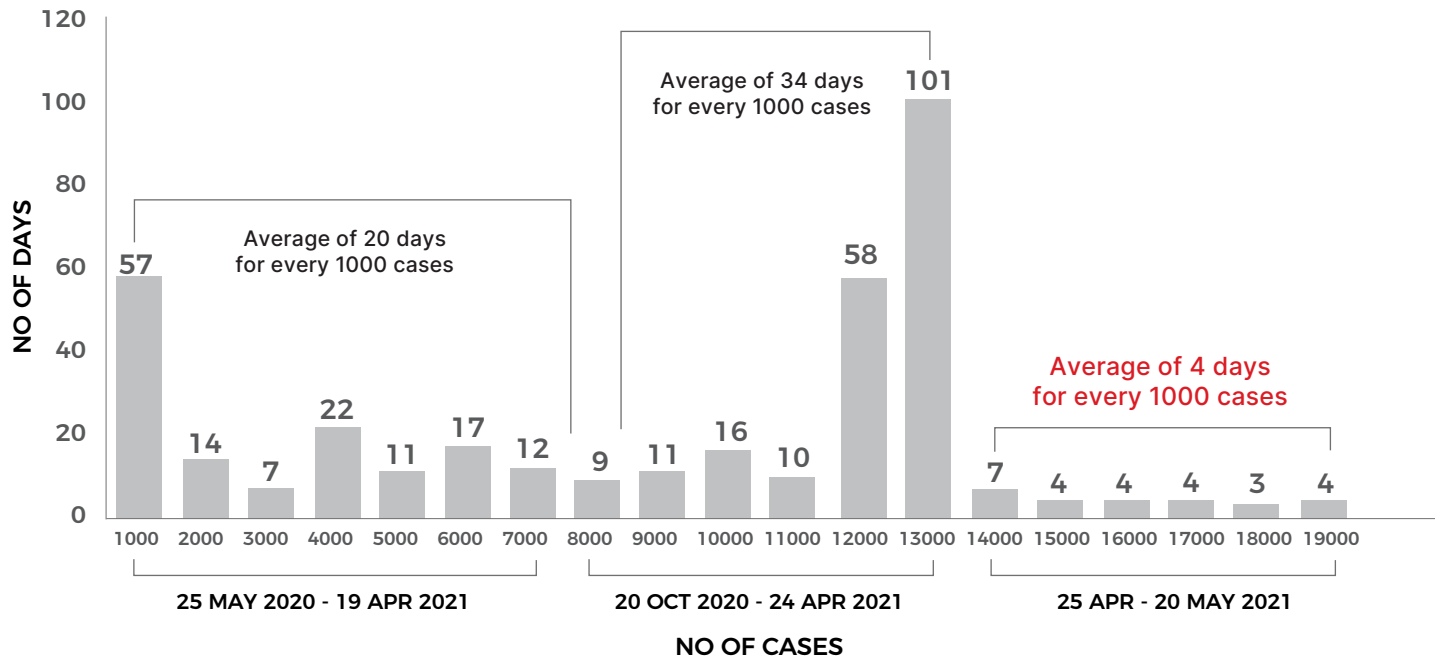
13,589 doses
administered the past week.

7,298 beneficiaries have been vaccinated in the first two days of vaccination for the 18-44-year age group



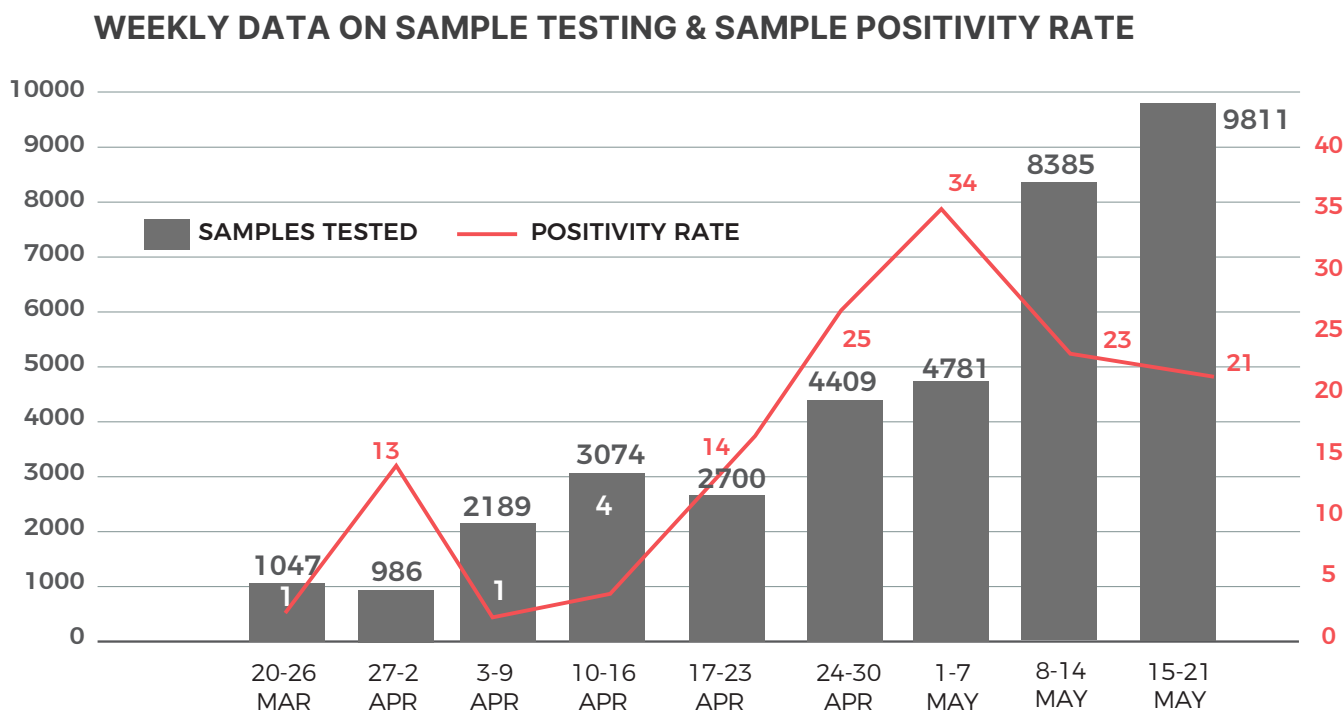
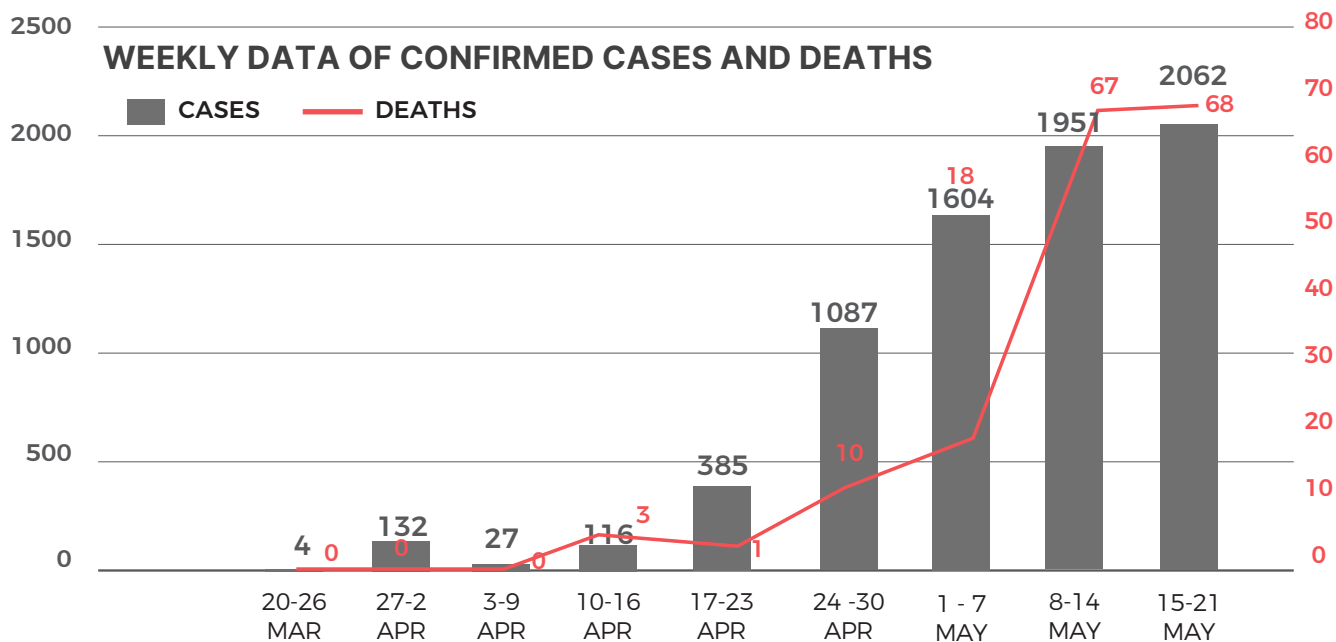
NUMBER OF DAYS TAKEN FOR EVERY 1000 COVID CASES

25 May 2020 till 20 May 2021 (n=19,284)



CONFIRMED CASES (weekly data)

2062 confirmed cases this week.



CONFIRMED CASES THIS WEEK

Category	Cases	%
Self-test/Random test	1110	54%
Traced Contacts	778	38%
Armed forces/ Security	87	4%
Travelers/Returnees	46	2%
Frontline workers	41	2%
TOTAL	2062	100%

9,811 samples were tested the past week with a positivity rate of 21%.

Test Type	No of tests	%
RT PCR	2903	30
TRUENAT	1560	16
RAT	5348	55
TOTAL	9811	100%

COVID DEATHS IN THE STATE

68 deaths reported this week.

Among all COVID-19 Deaths in Dimapur till date, none had been fully vaccinated and only 8 had received the first dose.

COMORBIDITIES ASSOCIATED AMONG COVID-19 DEATHS IN NAGALAND

Comorbidities	Total 2020	Total 2021
Hypertension	40	39
Diabetes	36	47
Hypertension +Diabetes	25	23
Coronary artery disease	16	4
Chronic kidney disease	13	11
Chronic liver disease	12	1
Tuberculosis	8	2
Asthma	5	1
COPD	1	1
Obesity	4	0
Cancer	3	3
HIV	2	4
HIV + Tuberculosis	1	1
Hepatitis B	1	1
Hepatitis C	1	0

Multiple comorbidities can be associated with a single patient.

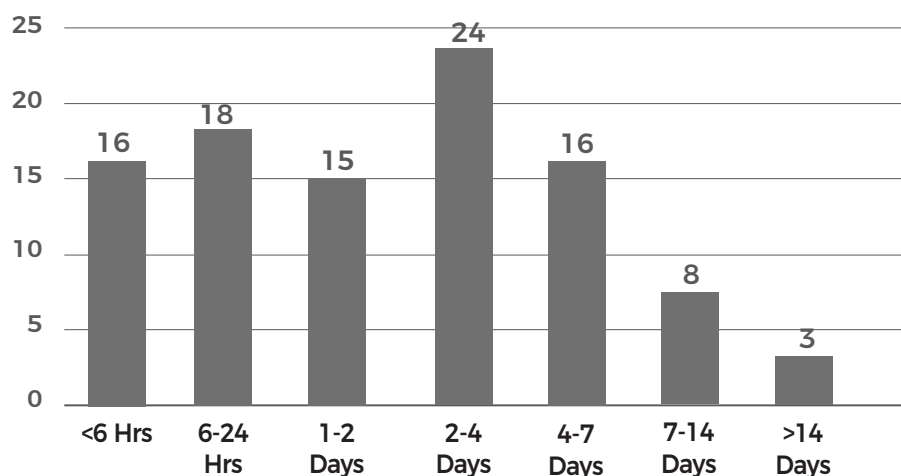
DISTRIBUTION OF DEATHS BY AGE GROUP

Age Group	Total 2020 %	Total 2021 %
<14	0 %	0 %
15 - 29 yrs	4 %	3 %
30 - 44 yrs	26 %	27 %
45 - 59 yrs	29 %	33 %
60 - 74 yrs	25 %	26 %
>75	15 %	11 %
TOTAL DEATHS	72	175

DISTRIBUTION OF DEATHS BY GENDER

Gender	Total 2020 %	Total 2021 %
Female	20 %	27 %
Male	52 %	73 %
TOTAL DEATHS	72	175

TIMING OF DEATHS (FROM ADMISSION) IN COVID-19 HOSPITALS IN 2021



16% percent of deaths happened within 6 hours of admission and 34% of deaths within 24 hours signifying late arrival to COVID-19 hospital with too advanced symptoms.

DISTRICT WISE COVID 19 SITUATIONAL LEVEL (15-21 MAY 2021)

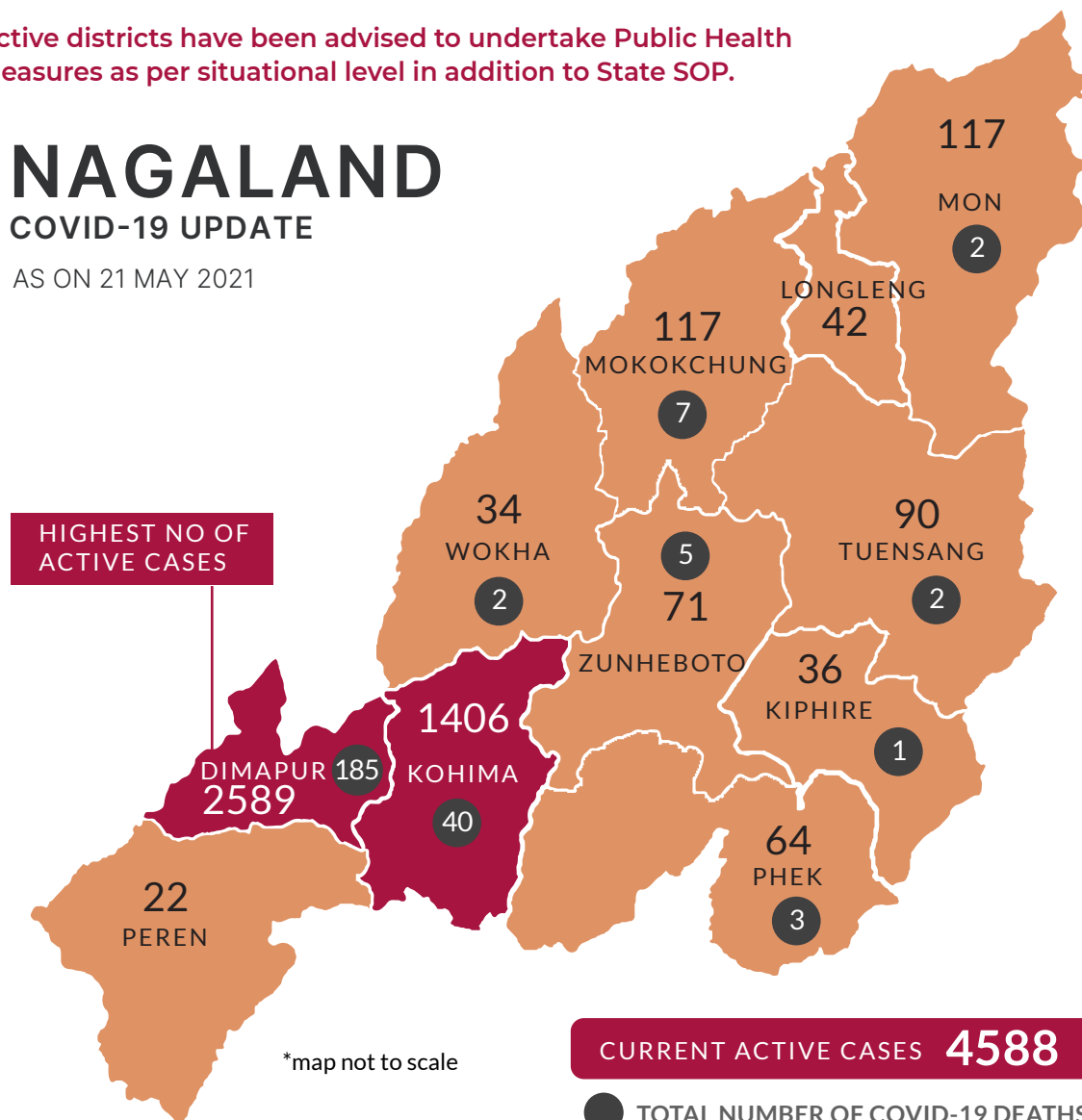
District	Active Cases as on 21 May 2021	Weekly NEW CASES	Total Deaths till date	Weekly Deaths	Weekly Covid-19 Hospital Admissions	Bed Occupancy of Oxygen supported beds % <small>as on 21 May 2021</small>	Bed occupancy of ICU beds % <small>as on 21 May 2021</small>	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	2589	901	185	55	94	74	97	3782	24 %
Kohima	1406	752	40	9	18	5	23	2262	33 %
Mokokchung	117	79	7	1	10	22	22	358	22 %
Mon	117	89	2	0	8	11	0	1087	8 %
Tuensang	90	47	2	0	6	38	0	694	7 %
Zunheboto	71	62	5	1	6	90	0	488	13 %
Phek	64	48	3	1	3	0	0	308	16 %
Longleng	42	28	0	0	0	0	0	170	16 %
Kiphire	36	10	1	0	2	0	0	179	6 %
Wokha	34	29	2	1	5	0	0	345	8 %
Peren	22	17	0	0	2	6	0	138	12 %
State	4588	2062	247	68	154	40	42	9811	21 %

DTF of respective districts have been advised to undertake Public Health and Safety Measures as per situational level in addition to State SOP.

NAGALAND

COVID-19 UPDATE

AS ON 21 MAY 2021



**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!



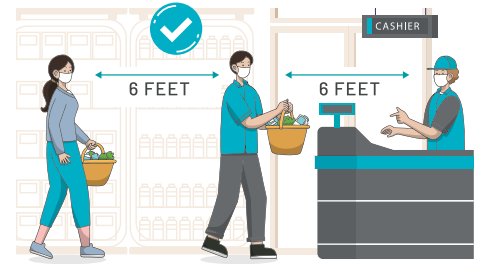
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

for all citizens 45 years and above



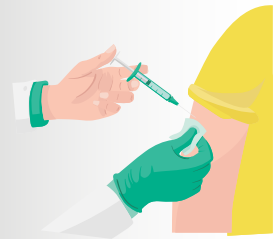
REGISTRATION

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

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 Coronaga


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Bibliography:

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