



Global Epidemiological Update

180 million people have been infected with 4 million deaths across the globe. As per WHO situation reports, the lowest mortality figure has been reported this week since November 2020.

However, the African region has reported a steep increase in cases and deaths and the Eastern Mediterranean region and Europe also witnessed increase in new cases.

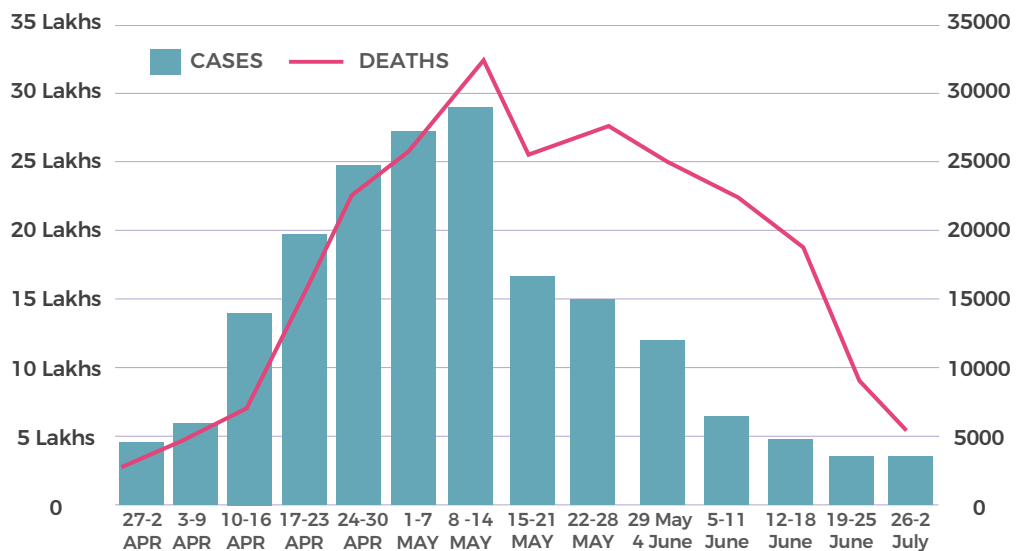
Highest number of cases per one lakh population have been reported from Seychelles, Namibia and Mongolia in the past week.

National Update

Cases continue to decline for the 7th consecutive week in the country. 2.75 lakh new cases and 5,816 deaths were reported from the week. Highest active cases are from Maharashtra, Kerala and Karnataka.

India has recorded 56 cases of the Delta Plus variant across 12 states. The delta plus variant has been labelled as a "Variant of Concern" in India and the MoHFW has asked all states to be vigilant.

INDIA: WEEKLY NEW CASES



As on 2 JULY 2021

Global | National | State

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 Vaccine Doses given
World	18,23,19,261	39,54,324	2.17%	2.95 billion
India	3,04,58,251	4,00,312	1.31%	34 crores
Nagaland	25,382	484	1.91%	5.26 lakhs

In the past week:

World: 26,33,190 cases and 55,152 deaths.

India: 2,75,108 cases and 5,819 deaths.

Nagaland: 623 cases and 17 deaths.

As on 2 JULY 2021

North Eastern States

State	Active Cases	Total Deaths
Assam	25737	4577
Manipur	5930	1162
Meghalaya	4537	844
Mizoram	4132	93
Tripura	3816	683
Arunachal Pradesh	2783	176
Sikkim	2107	308
Nagaland	1280	484

DELTA VARIANT DETECTED FROM GENOMIC SEQUENCING IN THE STATE

93 out of 98 samples sequenced from positive samples collected in the month of April 2021 and May 2021 were found to be of the delta variant.

What we know of the Delta Variant so far:

Delta variant is one of the four 'Variants of Concern' identified by the WHO due to its high transmissibility. There are also 7 Variants of Interests as listed by WHO as of June 2021.

"Given the increase in transmissibility, the delta variant is expected to rapidly overcome other variants and become the dominant variant in the coming months across the globe"- WHO. It has already been reported from 96 countries.

Impact of Delta Variant (B.1.617.2)

Transmissibility	Increased transmissibility and Secondary Attack Rate. Increase in effective reproduction number compared with Alpha variant is around 55%. This has been demonstrated in the state wherein all members in the same household are being tested positive unlike the past year along with increase in super spreader events. The high positivity rate during the peak of the Pandemic also points towards the high infectiousness of the variant. The virus is highly transmissible in crowded and closed spaces
Disease severity	Studies are still underway but there is possible increased risk of severity of disease and hospitalization compared with the original virus.
Vaccine effectiveness	COVAVIN and COVISHIELD vaccines are still very effective against severe disease, hospitalization or death by the Delta Variant. Only minimal loss has been observed.

What now?

Viruses are expected to change and the ones with more transmissibility like the Delta variant will dominate other variants. Mutations or changes in the Virus will continue as long as there is uncontrolled transmission

- ▶ We need to outsmart the virus by strictly observing all COVID-19 appropriate behaviors and stop its transmission.
- ▶ We need to increase population immunity by vaccinating as many as possible in the shortest amount of time.
- ▶ Continued surveillance and genomic sequencing.

SITUATIONAL LEVEL ASSESSMENT OF DISTRICTS: NAGALAND MODEL

ISSUE NO.52 | 03 JULY 2021

COVID-19
WEEKLY BULLETIN

In addition to State SOP, the following indicators will be used to assess the situational level of districts from a situation level of '0' to '4' where '0' represents no active cases in last 28 days and '4' an uncontrolled situation. The districts can enforce additional Public Health and Social measures as per situational level.

The first 4 core indicators will be used for assessment.

CORE INDICATORS (ALL INDICATORS BEAR EQUAL WEIGHTAGE)					
SITUATIONAL LEVEL	0	1	2	3	4
Weekly Sample positivity Rate	No active cases in last 28 days	< 5 %	5-9%	10-19%	>=20%
Bed occupancy of Oxygen supported beds		< 30%	30-59%	60-90%	>90%
Growth rate of new cases (7dma)%		< 1%	1 to < 3%	3 to < 5%	>=5%
No of active cases per ten thousand Population		0-10	11-20	20-30	>30
SUPPLEMENTARY INDICATORS (to supplement the core indicators)					
Covid-19 vaccination coverage of eligible beneficiaries	No active cases in last 28 days	>=90%	60-89 %	25- 59%	<25%
Percentage of Random/ self-tests among total cases		<5%	5-10%	10-20%	>20%
Compliance of the community to COVID-19 appropriate behaviors (CAB)		More 90 % population are compliant	70-90 % population are compliant	50-70% population are compliant	<50% population are compliant
Total Score	0	1-4	5-8	9-12	13-16
Level	0	1	2	3	4

The weekly situational level will be updated every Saturday in the weekly bulletin.

- 17 deaths and 623 cases were recorded from the week with a weekly sample positivity rate of 7%.
- 3558 total cases were reported in June 2021 compared to 7704 cases in May 2021.
- Only Kohima and Mokokchung has a weekly sample positivity rate of more than 10%
- Longleng reported zero cases in the past week
- Dimapur, Kohima and Mokokchung showed an increase in total new cases compared to the previous week.
- Genomic sequencing shows dominance of Delta Variant in the state.
- The state has administered 5.26 lakh vaccine doses across the state.
- 43% of all positive cases reported in 2021 has been from Dimapur, followed by Kohima (30%) and Mokokchung (9%)
- 21 to 30 year age group has the maximum positive cases at 27%. This signifies the role of the young people in transmission of the virus.
- Maximum deaths have been observed in the 30-44 and 60-74 age groups.

COVID-19 VACCINATION

5,26,990 doses have been administered across the State

COVID-19 WEEKLY BULLETIN

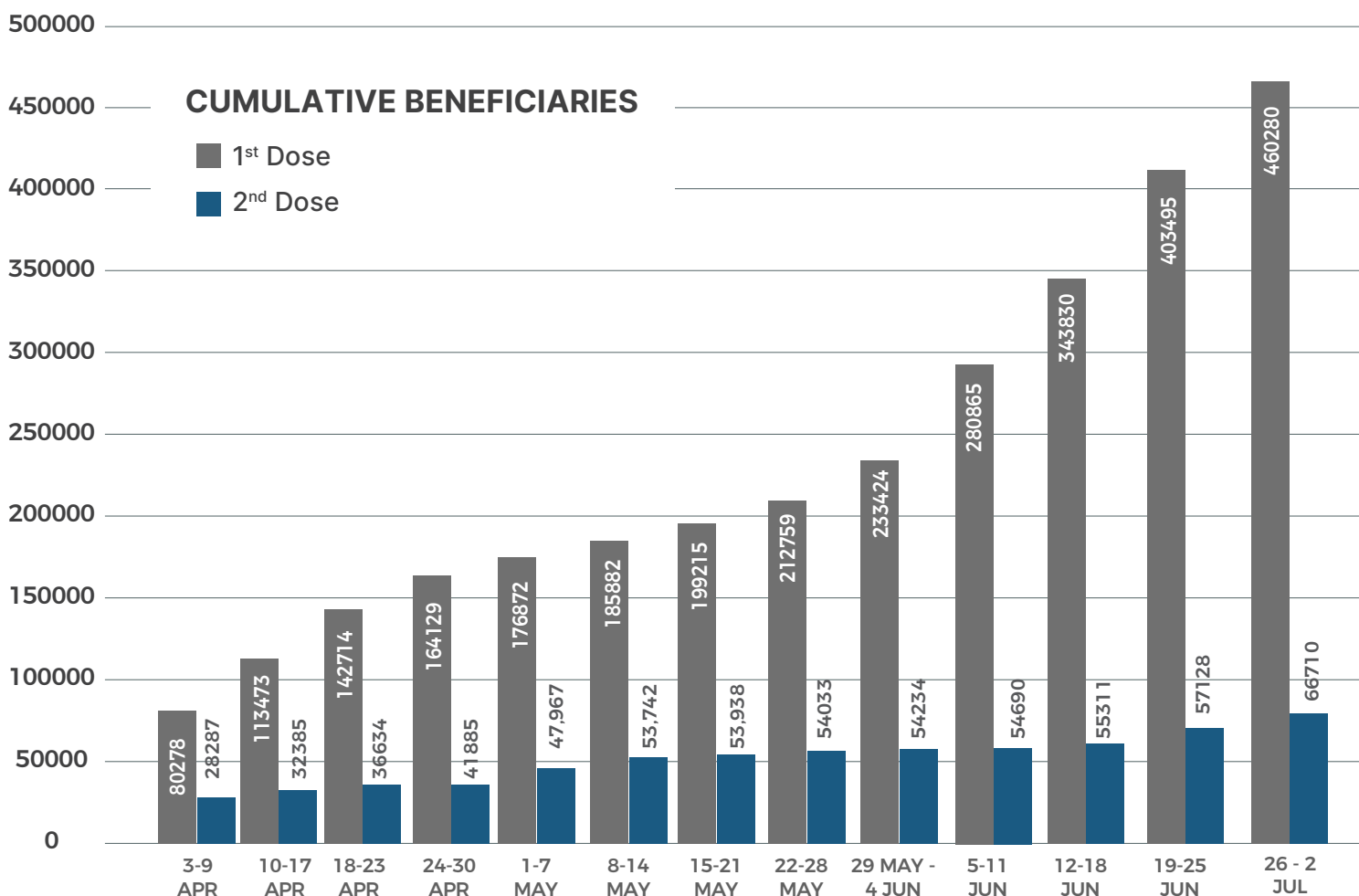
66,367 doses administered the past week.

Category	1 st Dose	2 nd Dose
45 years and above	1,54,328	26,792
18 to 44 Years	2,29,932	24
Healthcare workers	15,823	10,627
Frontline workers	60,197	29,267

District	Total doses administered	Total Doses administered in the last 7 days	1 st dose Coverage of 18+ population
Dimapur	168796	27219	68 %
Kohima	90068	10764	50 %
Longleng	19475	2841	47 %
Mokokchung	56132	7674	36 %
Zunheboto	33169	2998	31 %
Mon	49394	4893	28 %
Phek	28938	2095	23 %
Wokha	28588	1506	23 %
Peren	15907	1307	23 %
Tuensang	26624	3433	20 %
Kiphire	9899	1637	15 %
State	5,26,990	66,367	37%

Pregnant mothers are now allowed to be vaccinated in India after intensive studies as the risk of Covid-19 disease far outweighs any possible risk of vaccination.

**Coverage is based on census and is subject to accuracy of census population, migration and other factors. Coverage will also vary by coverage of frontline and healthcare workers.*

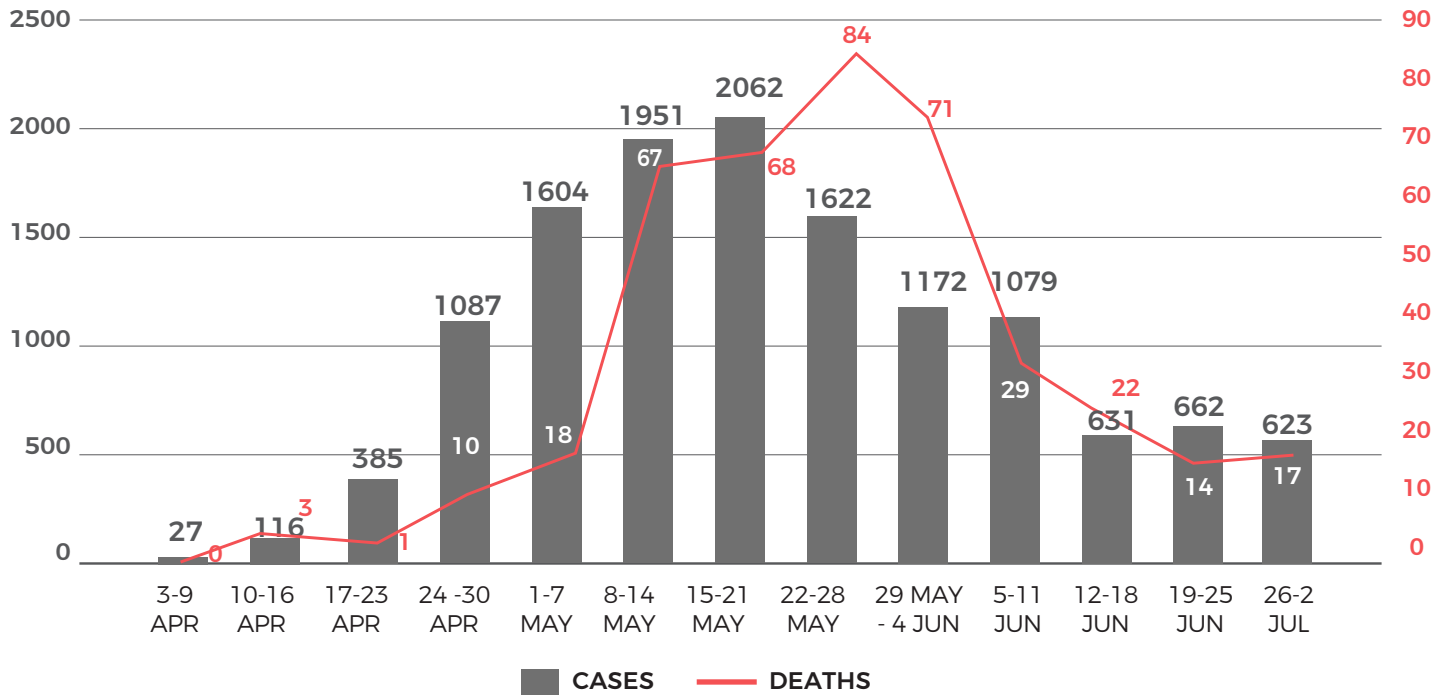


CONFIRMED CASES (weekly data)

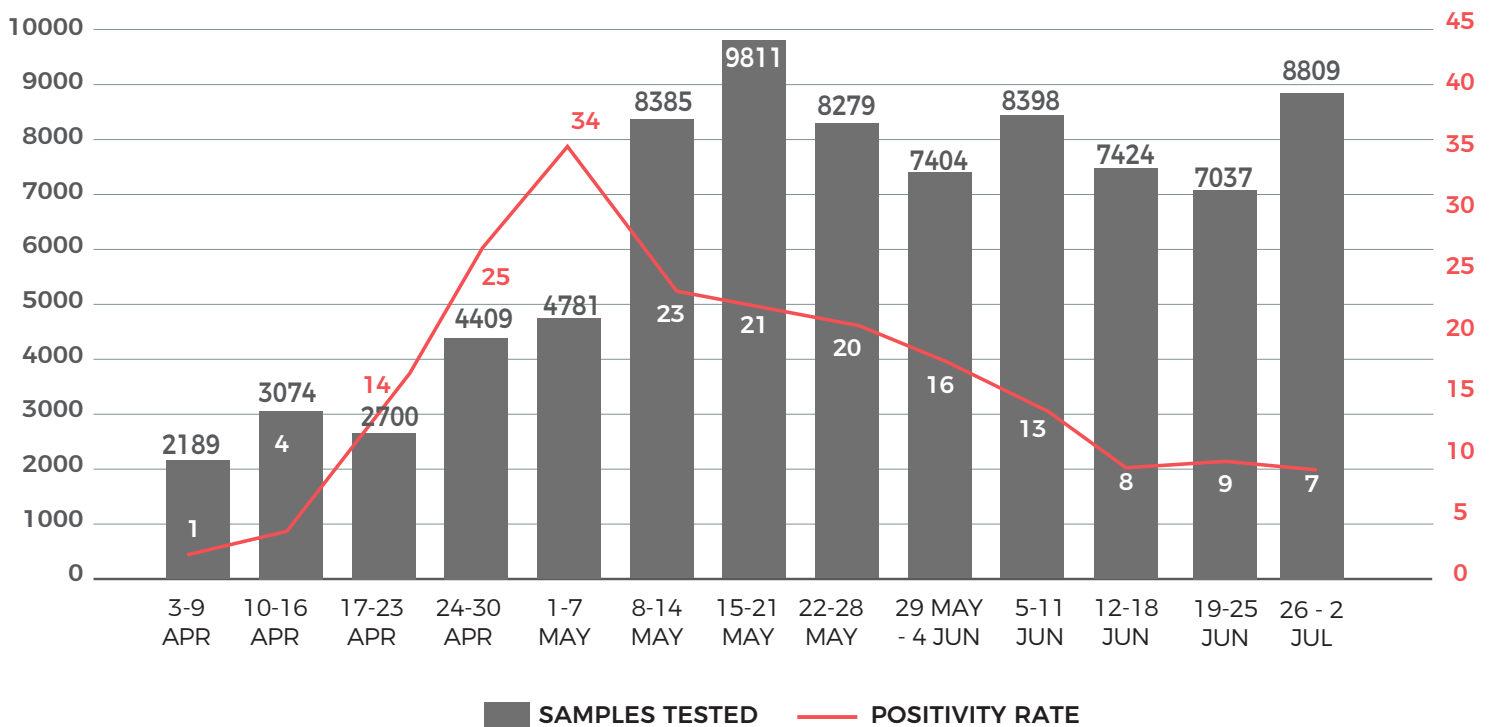
COVID-19
WEEKLY BULLETIN

623 confirmed cases this week

WEEKLY DATA OF CONFIRMED CASES AND DEATHS



WEEKLY DATA ON SAMPLE TESTING & SAMPLE POSITIVITY RATE



CONFIRMED CASES THIS WEEK

Category	Cases	%
Trace Contacts	297	48 %
Self-Test/ Random Test	271	43 %
Security personnel	29	5 %
Travellers	15	2 %
Frontline Workers	11	2 %
TOTAL	662	100%

**8809 samples were tested
the past week with a
weekly positivity rate of 7%.**

WEEKLY NEW CASES DISTRICT WISE (MAY-JUNE 2021)

DISTRICT	8 - 14 MAY	15 - 21 MAY	22 - 28 MAY	29 MAY - 4 JUNE	5 - 11 JUNE	12-18 JUNE	19-25 JUNE	26 JUNE - 2 JULY
Dimapur	1112	901	662	396	186	143	138	147
Kohima	586	752	460	296	187	180	180	200
Mokokchung	53	79	110	142	396	166	91	116
Tuensang	39	47	135	98	106	29	39	40
Phek	25	48	95	58	36	17	27	19
Zunheboto	24	62	64	49	42	22	36	23
Wokha	15	29	26	40	33	6	20	13
Mon	42	89	14	43	55	30	47	13
Kiphire	25	10	27	25	12	8	6	11
Longleng	15	28	17	14	20	9	10	0
Peren	15	17	12	11	6	21	68	41

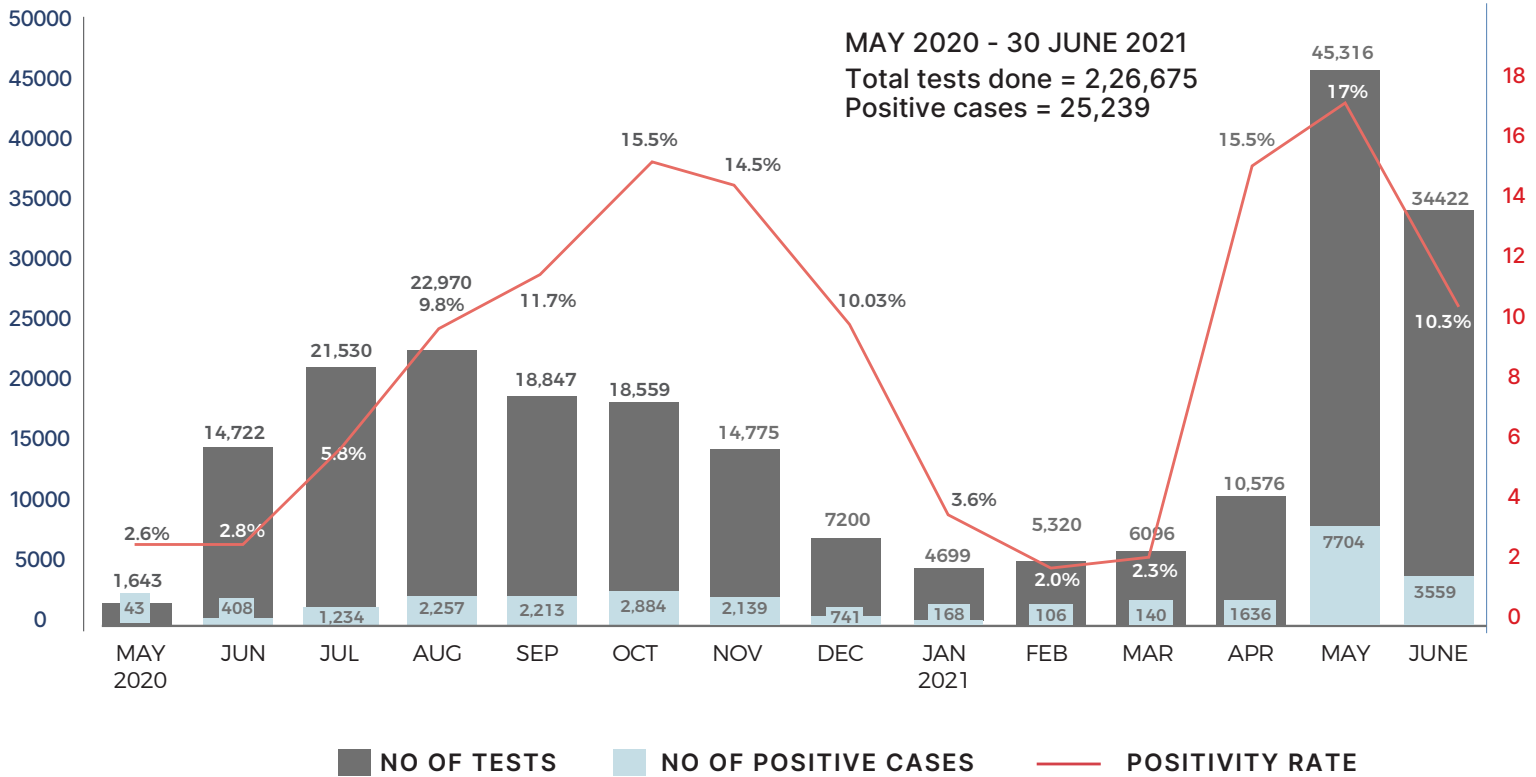
DISTRIBUTION OF CASES BY AGE GROUP

Age Group	2020 %	2021 %
0.1-10	3	4
11-20	8	12
21-30	30	27
31-40	34	25
41-50	15	15
51-60	7	10
61-99	3	7
TOTAL	100%	100%

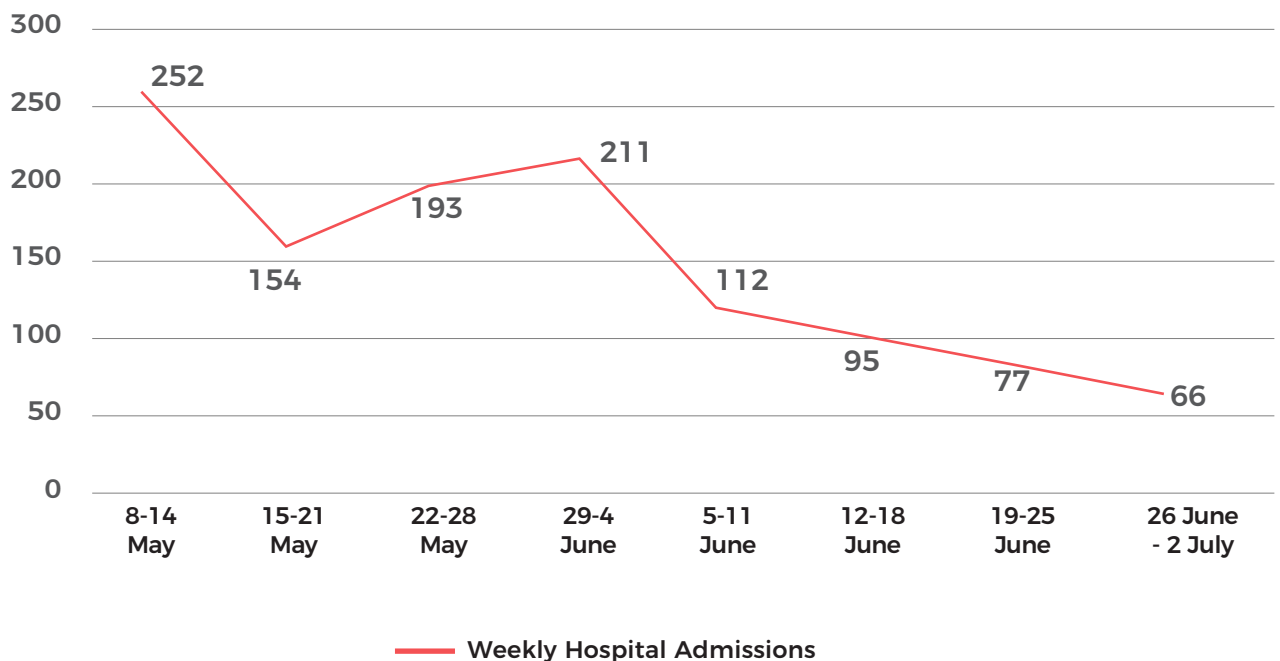
DISTRIBUTION OF CASES BY GENDER

Gender	2020 %	2021 %
Male	78%	60%
Female	22%	40%
TOTAL	100%	100%

MONTHLY TESTING, CASES & POSITIVITY RATE



WEEKLY COVID-19 HOSPITAL ADMISSIONS



COVID DEATHS IN THE STATE

17 deaths reported this week

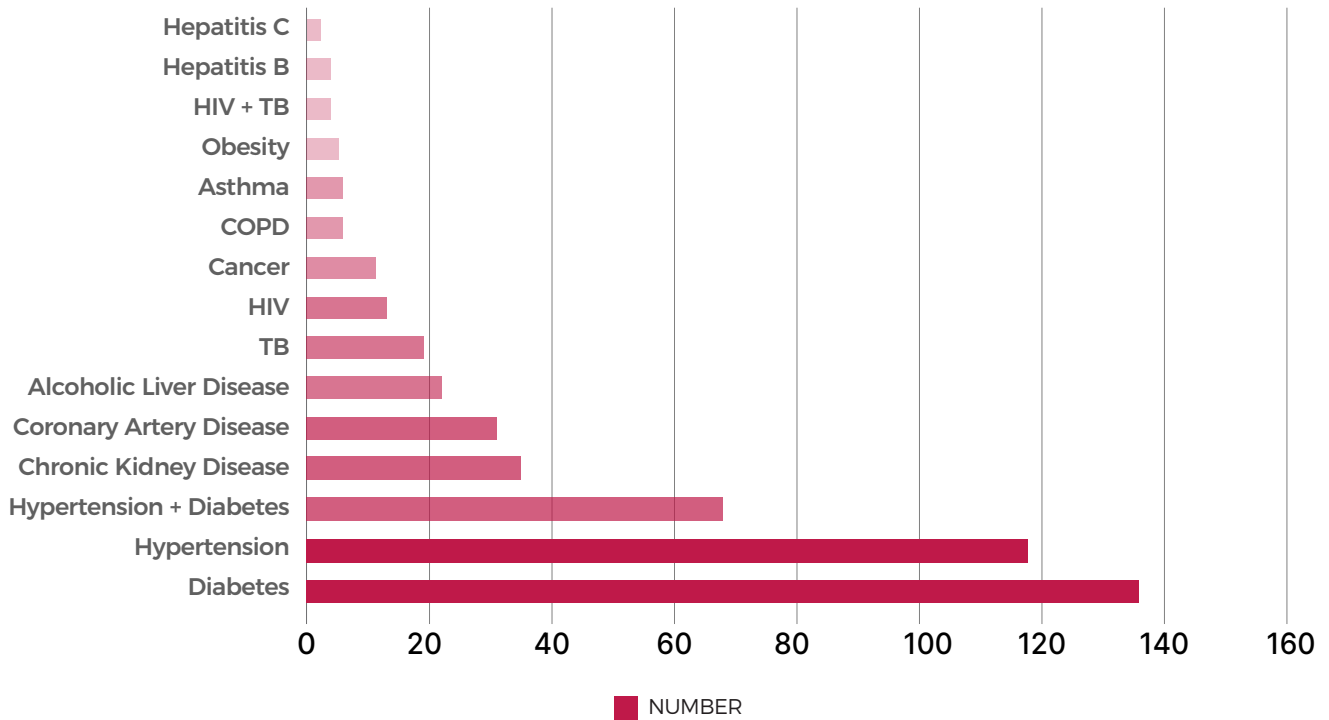
DISTRIBUTION OF DEATHS BY AGE GROUP

Age Group	2020 %	2021 %
< 14	0	0
15-29	4	3
30-44	26	27
45-59	29	32
60-74	25	26
>75	15	12
TOTAL	100%	100%

DISTRIBUTION OF DEATHS BY GENDER

Gender	2020 %	2021 %
Male	72%	71%
Female	28%	29%
TOTAL	100%	100%

NUMBER OF COMORBIDITIES ASSOCIATED WITH COVID-19 DEATHS



WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	8-14 MAY (lockdown)	15-21 MAY	22-28 MAY	29 MAY - 4 JUNE	5-11 JUNE	12-18 JUNE	19-25 JUNE	26 JUNE - 2 JULY
Dimapur	31	34	21	13	8	6	7	6
Kohima	33	33	23	19	12	12	13	15
Tuensang	5	7	17	21	18	7	6	5
Mokokchung	8	22	18	16	28	22	13	19
Phek	10	16	19	14	11	7	9	4
Zunheboto	25	13	25	32	6	3	7	2
Mon	8	8	4	13	8	4	9	2
Longleng	11	16	15	9	11	5	9	0
Wokha	9	8	16	20	9	4	8	7
Kiphire	7	6	16	14	9	10	7	3
Peren	10	12	9	10	7	7	12	9
State	23	21	20	16	13	8	9	7

DISTRICT WISE COVID 19 SITUATIONAL LEVEL (26 JUNE - 02 JULY 2021)

District	Situational Level (0-4)	Active Cases as on 02 July 2021	Weekly New Cases	Growth rate of New Cases (7dma) %	Total Deaths till date	Weekly Deaths	Bed Occupancy of Oxygen supported beds % as on 2 JULY 2021	Bed occupancy of ICU beds % as on 2 JULY 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Kohima	2	380	200	0.38	83	1	9	12	1376	15%
Dimapur	2	335	147	0.17	309	8	4	5	2610	6%
Mokokchung	3	247	116	1.23	32	4	58	50	623	19%
Tuensang	2	94	40	0.71	7	0	2	0	826	5%
Peren	2	76	41	0.86	1	1	0	0	472	9%
Zunheboto	1	39	23	0.71	13	0	0	0	967	2%
Phek	1	37	19	0.71	17	1	9	0	516	4%
Wokha	1	26	13	0.85	7	1	4	0	191	7%
Mon	1	24	13	0.19	8	1	0	0	641	2%
Kiphire	1	21	11	0.97	7	0	0	0	350	3%
Longleng	1	1	0	0	0	0	0	0	237	0%
State	2	1280	623	0.36	484	17	6	7	8809	7%

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

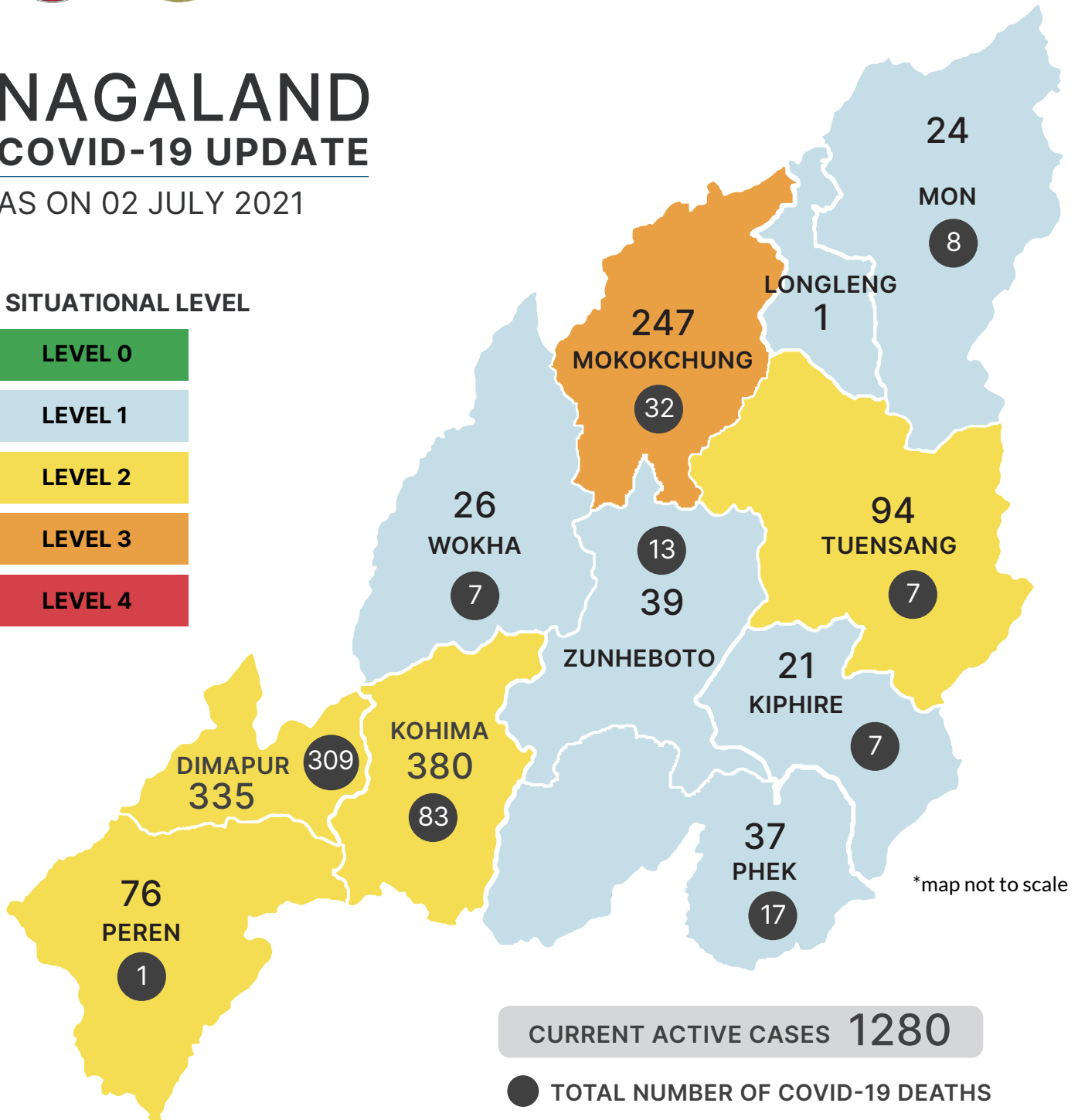


DEPARTMENT OF HEALTH AND FAMILY WELFARE
 INTEGRATED DISEASE SURVEILLANCE PROGRAMME
 KOHIMA: NAGALAND

NAGALAND COVID-19 UPDATE

AS ON 02 JULY 2021

SITUATIONAL LEVEL



*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!



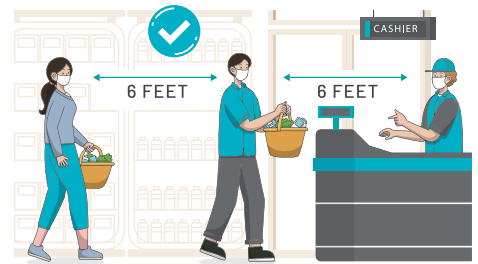
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

for all citizens 18 years and above



REGISTRATION

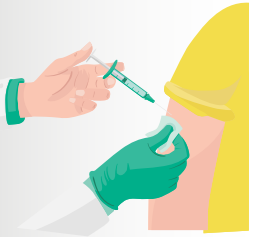
at vaccination center
or online at
WWW.COWIN.GOV.IN

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

 @MyGovNagaland

 www.covid19.nagaland.gov.in

 @HealthNagaland

 www.nsdma.nagaland.gov.in

 Coronaga



DR. NEIKHRIELIE KHI MIAO
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