

Tr&amp;Co= Travelers and contacts : Com= Community samples

## INSACOG BULLETIN

### Global Scenario

Globally, nearly 4.1 million new cases and 28000 deaths have been reported in the last 28 days<sup>[1]</sup>. During the week 08 of the year 2023, there has been a continued increasing trend in the proportions of recombinant lineages globally. The global variant landscape is characterized by a continuous increase in prevalence of the recombinant variant XBB and its descendent lineages. At a global level, XBB\* (XBB and its descendant lineages, excluding XBB.1.5) and XBB.1.5 are increasing in prevalence in all over the world. Due to the growth advantage of this recombinant variant, the replacement of former circulating variants was anticipated. BA.1, BA.3 and BA.4 collectively accounted for less than 0.1% of sequences in week 8. BA.2 and BA.5 have both declined in prevalence; they accounted for 13.1% and 20.1% in week 8. The pooled class of recombinants has increased in prevalence to 46.7%. Unassigned sequences (all presumed Omicron while awaiting descendent lineage assignment) accounted for 20.1% of the shared sequences. However, there is no indication of increased severity associated with these variants under monitoring compared to the former Omicron lineages.

### Indian Scenario

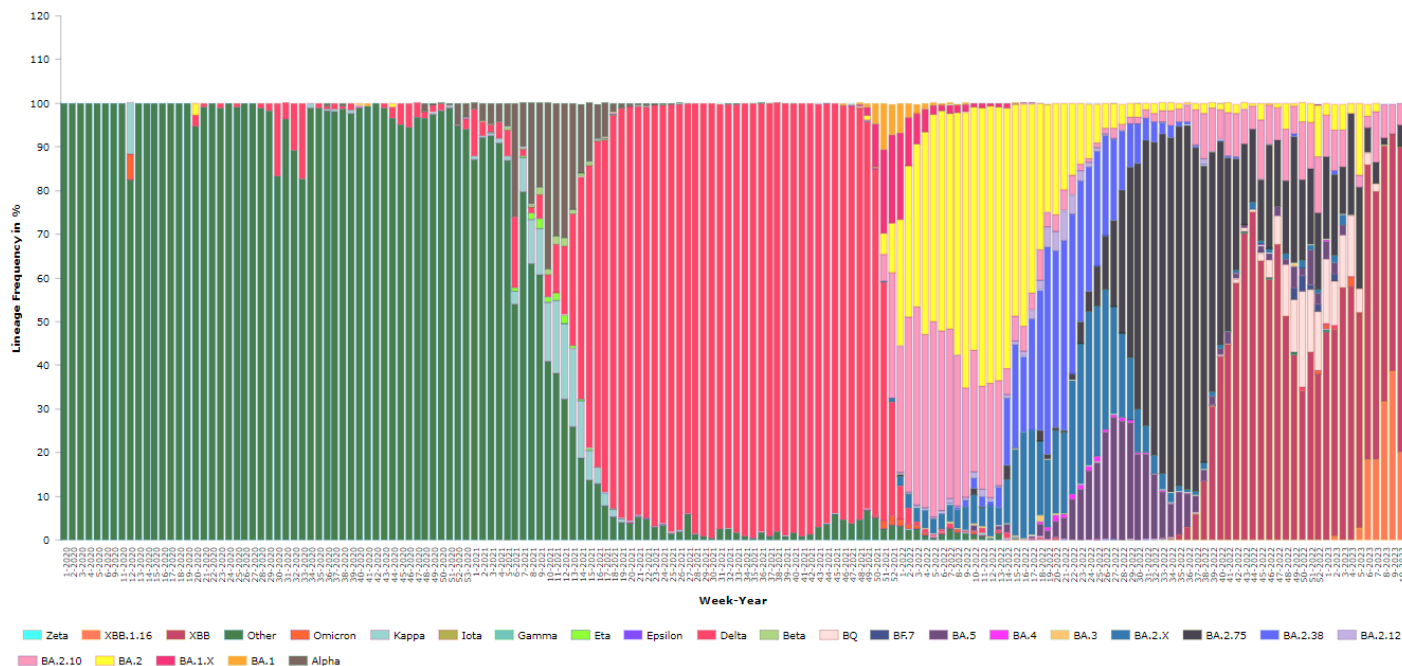
Omicron and its sub-lineages continue to be the dominant variants in India. An increase in infection rate has been observed, especially in Western, Southern and Northern part of India as well as a newly emerged recombinant variant XBB.1.16, accounting for 27% of the infection till date. Among the samples collected till the second week of March 2023, XBB continued to be the most commonly circulating Omicron sub-lineages. A few BQ.1 and BA.2.75 sub-lineage was detected in some part of India, whereas XBB was the most prevalent sub-lineage of omicron variant.

Country wide analysis:

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## Week wise lineage distribution

As on: 17-03-2023 13:00:00

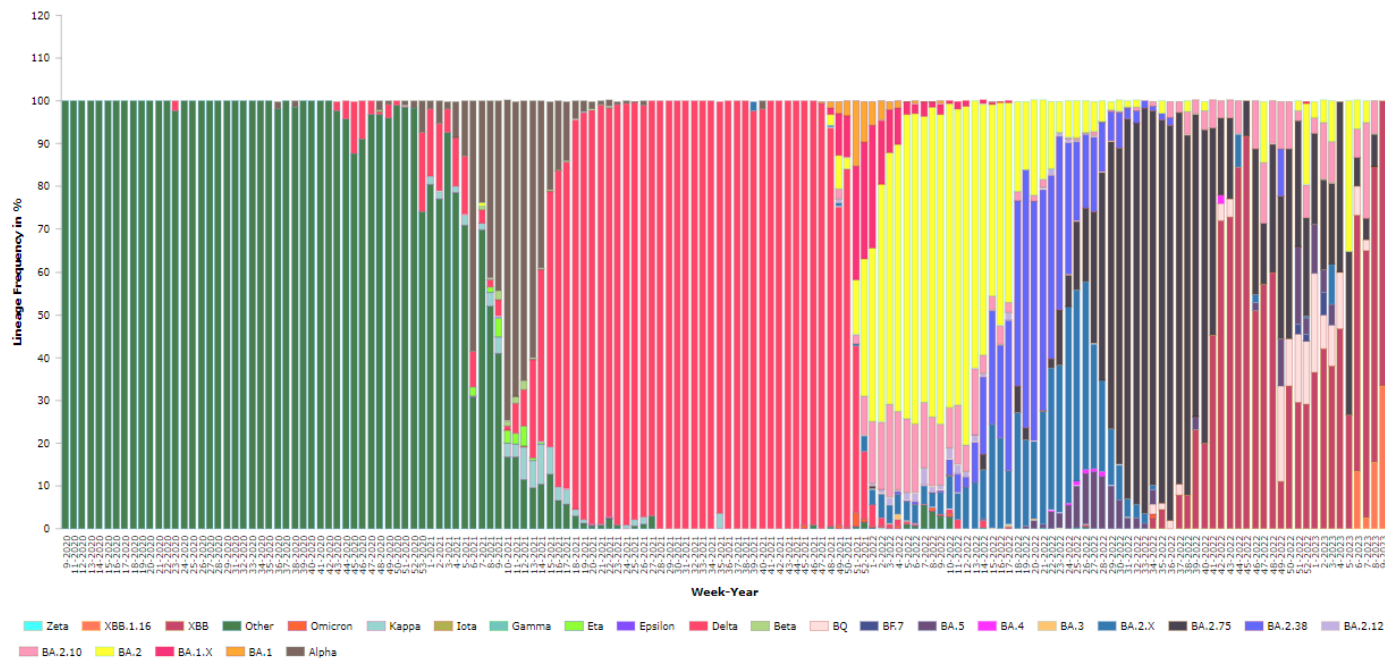


Region-wise analysis:

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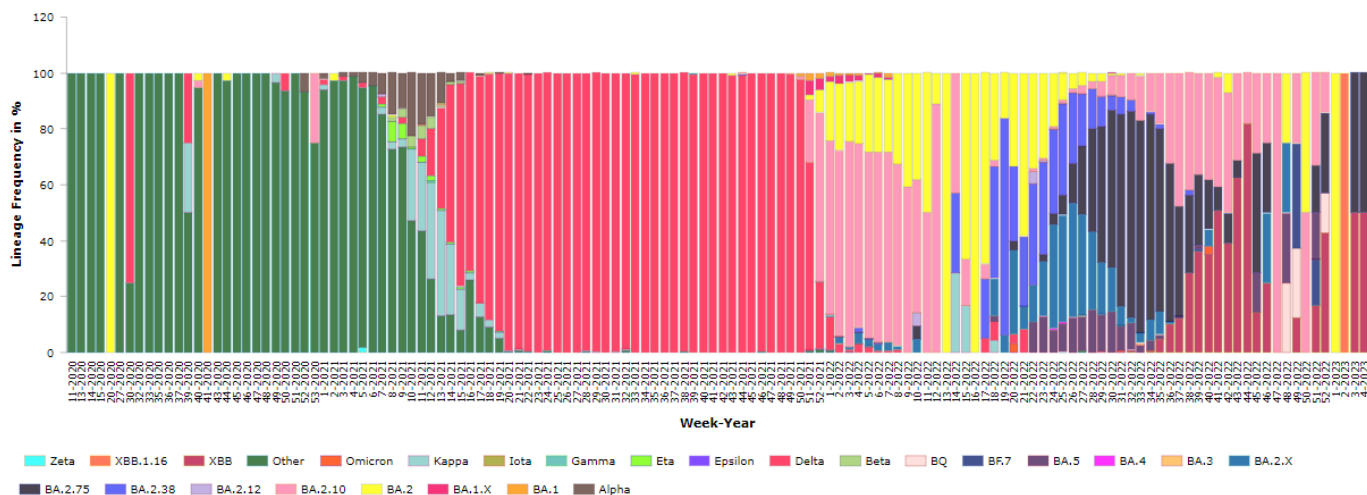
## North India - Week wise lineage distribution

As on: 17-03-2023 13:00:00



## East India - Week wise lineage distribution

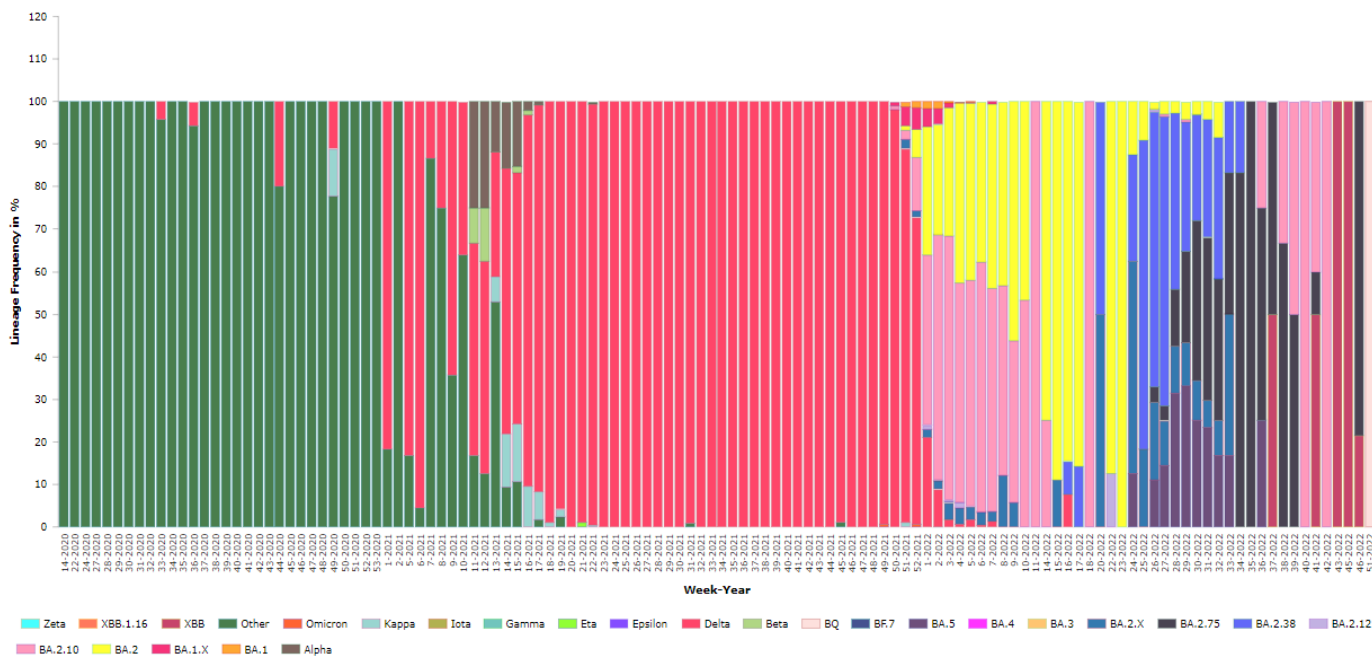
As on: 17-03-2023 13:00:00



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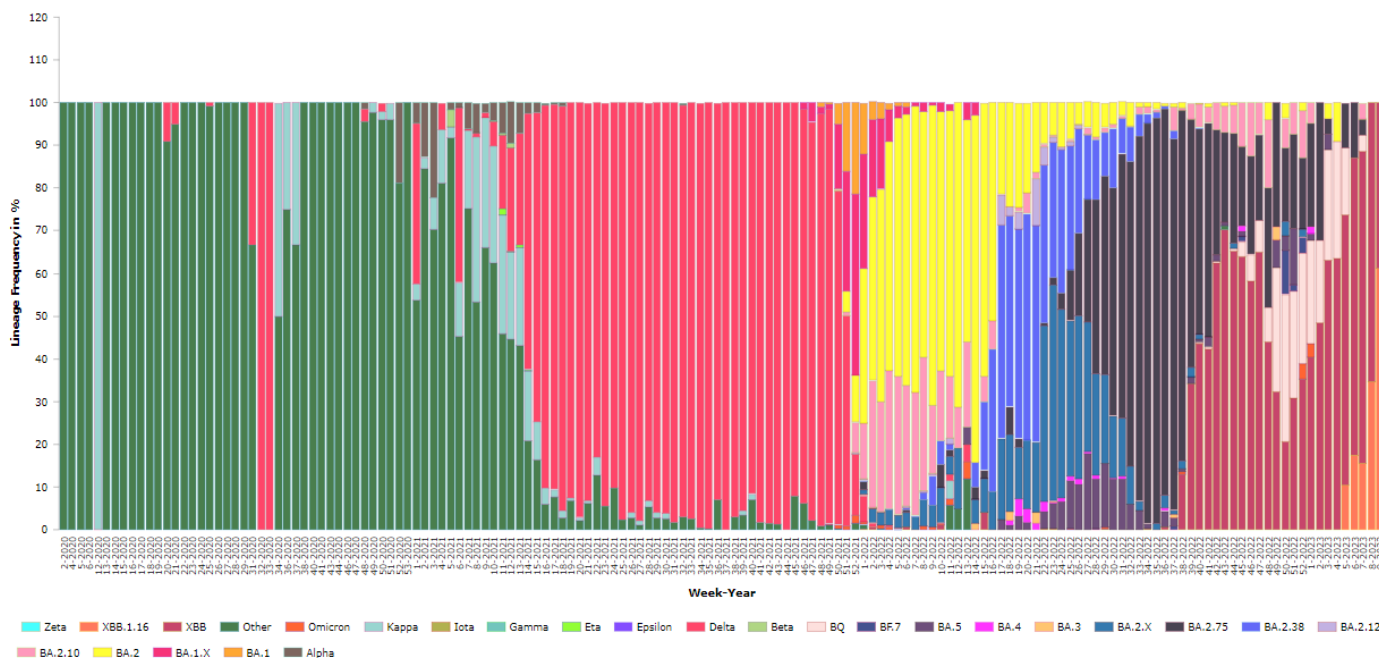
## NorthEast India - Week wise lineage distribution

As on: 17-03-2023 13.00.00



## West India - Week wise lineage distribution

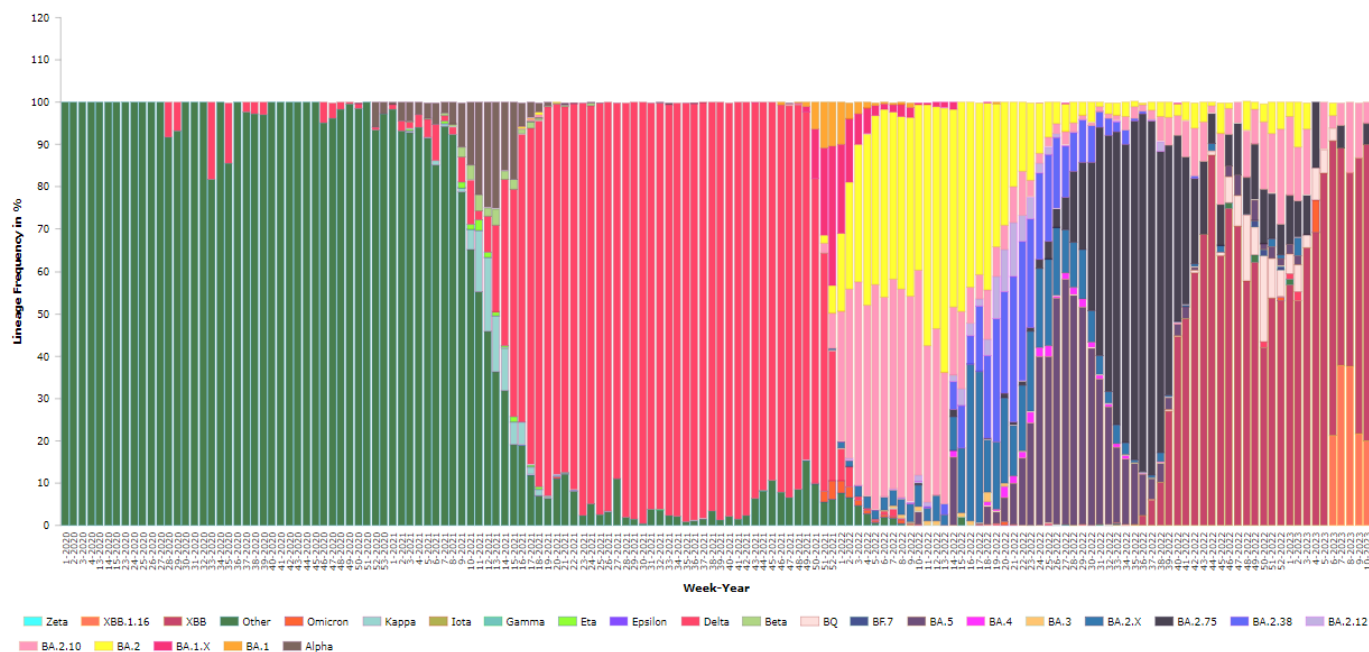
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# INSACOG BULLETIN

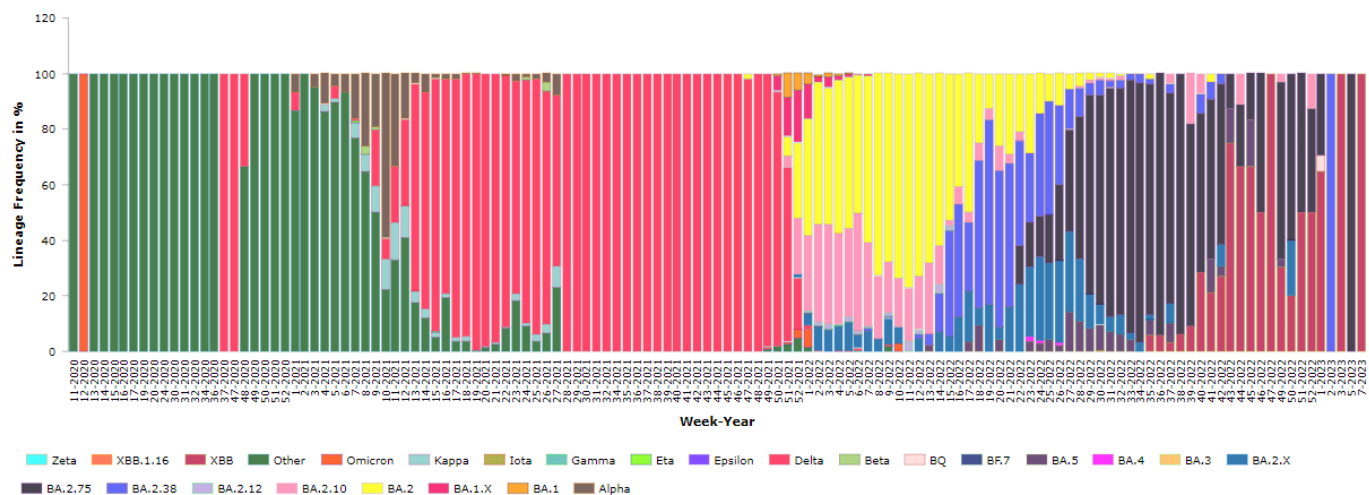
## South India - Week wise lineage distribution

As on: 17-03-2023 13:00:00



## Central India - Week wise lineage distribution

As on: 17-03-2023 13:00:00



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## Reference:

1. WHO weekly epidemiological report.