

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

INSACOG BULLETIN

Global Scenario

Globally, nearly 3.7 million new cases and 26000 deaths have been reported in the last 28 days^[1]. During the week 09 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. Currently, there is one VOI, XBB.1.5, and five variants under monitoring (VUMs). The VUMs are BQ.1, BA.2.75, CH.1.1, XBB and XBF. In epidemiological week 9, the prevalence of XBB.1.5 was 37.7%. To date, XBB.1.5 has been detected in 85 countries. A comparison of sequences submitted to GISAID from week 5 to week 9 shows declining or stable trends for all VUMs except XBB. BQ.1 declined from 26.8% to 9.3% and BA.2.75 from 7.8% to 1.6%, while CH.1.1 and XBF remained stable (7.1% to 6.8% and 1.5% to 1.1%, respectively). XBB increased from 5.7% to 12.5%. However, there is no indication of increased severity associated with these variants under monitoring compared to the former Omicron lineages.

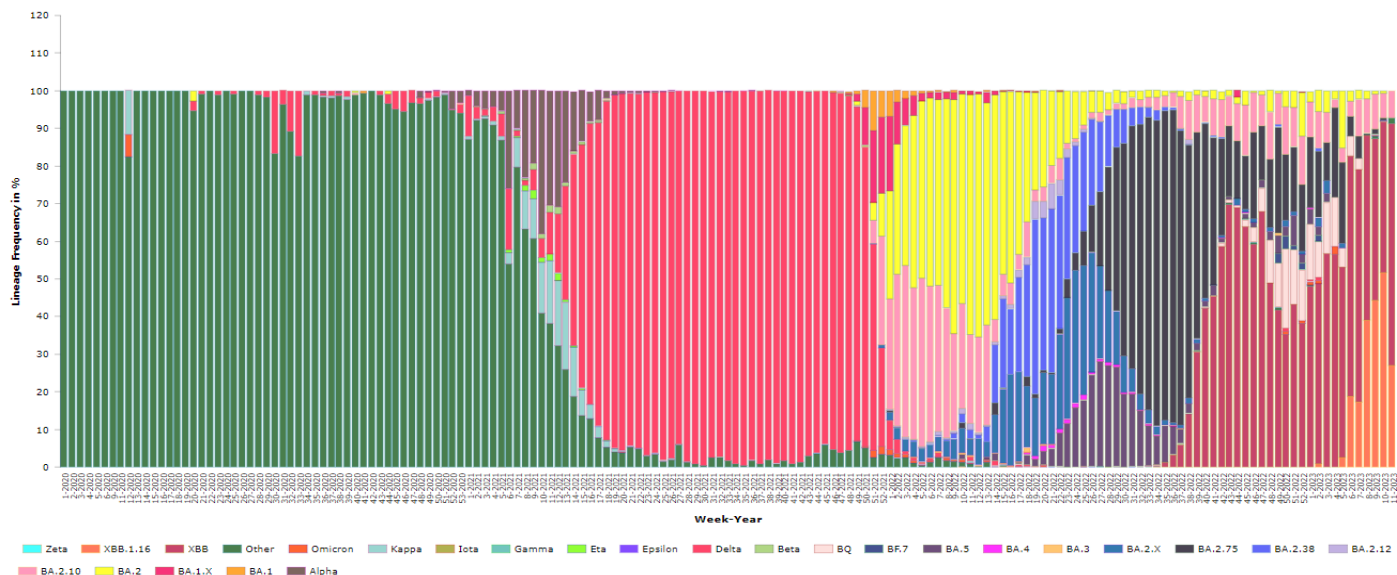
Indian Scenario

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 parts of India. A newly emerged recombinant variant XBB.1.16 has been observed in different parts of India, accounting for 38.2% of the infection till date. Among the samples collected till the third week of March 2023, XBB continued to be the most commonly circulating Omicron sub-lineages. A few BA.2.10 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:

Week wise lineage distribution

As on: 24-03-2023 11:00:00

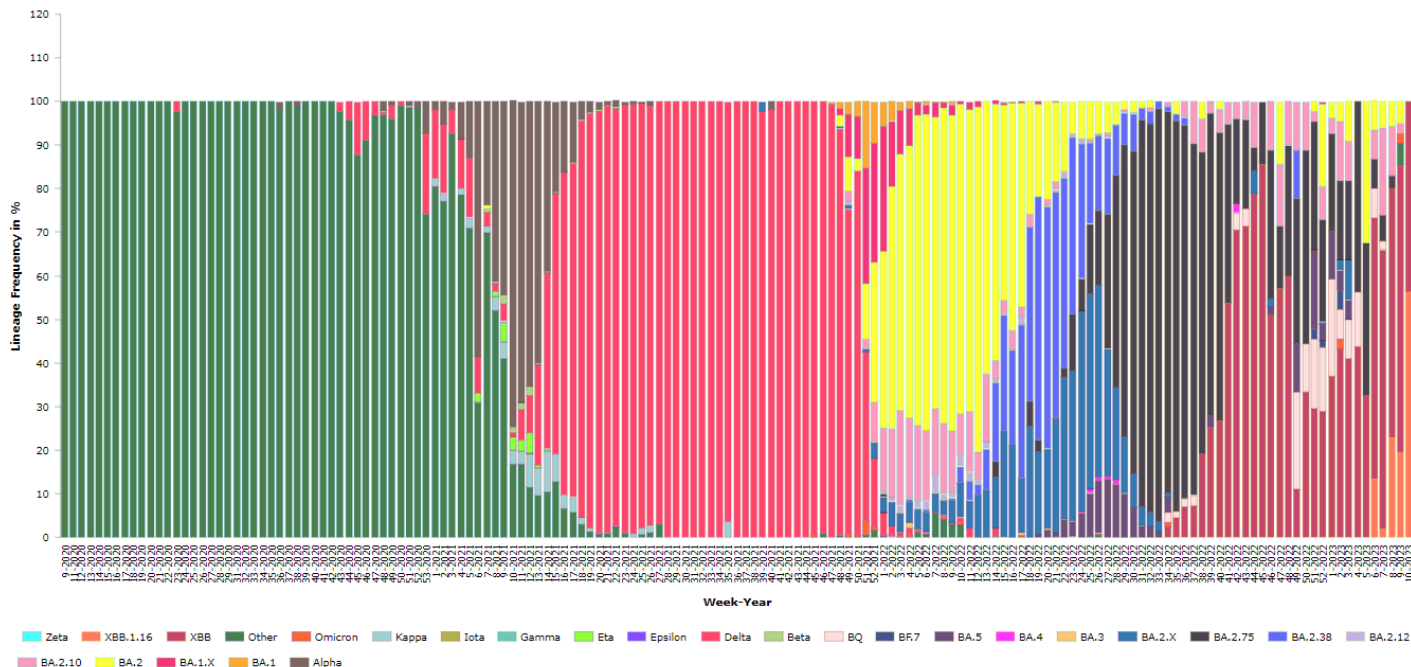


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Region-wise analysis:

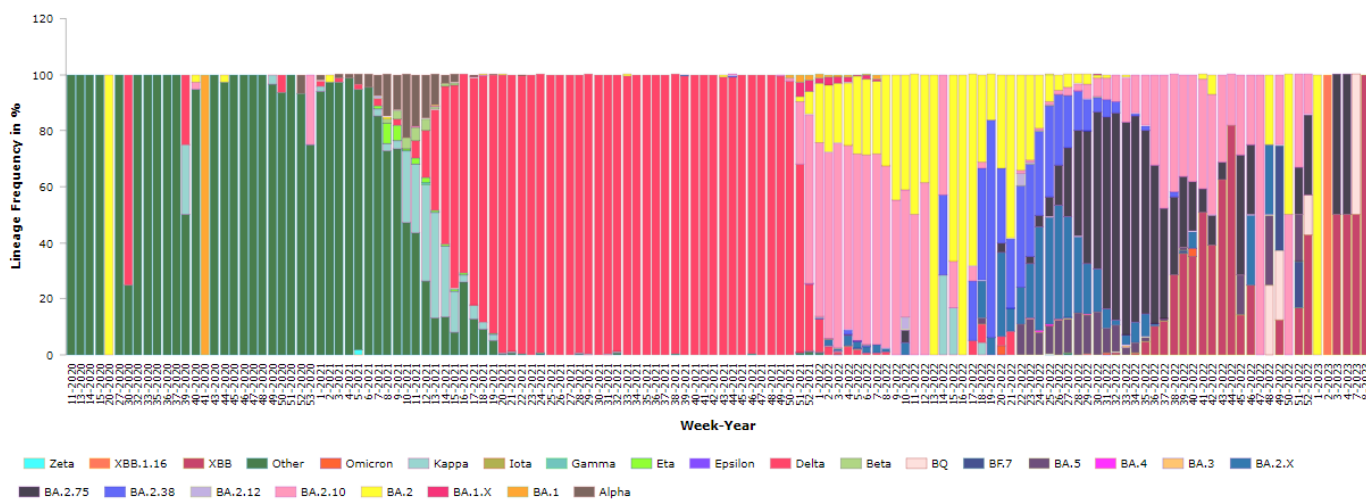
North India - Week wise lineage distribution

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East India - Week wise lineage distribution

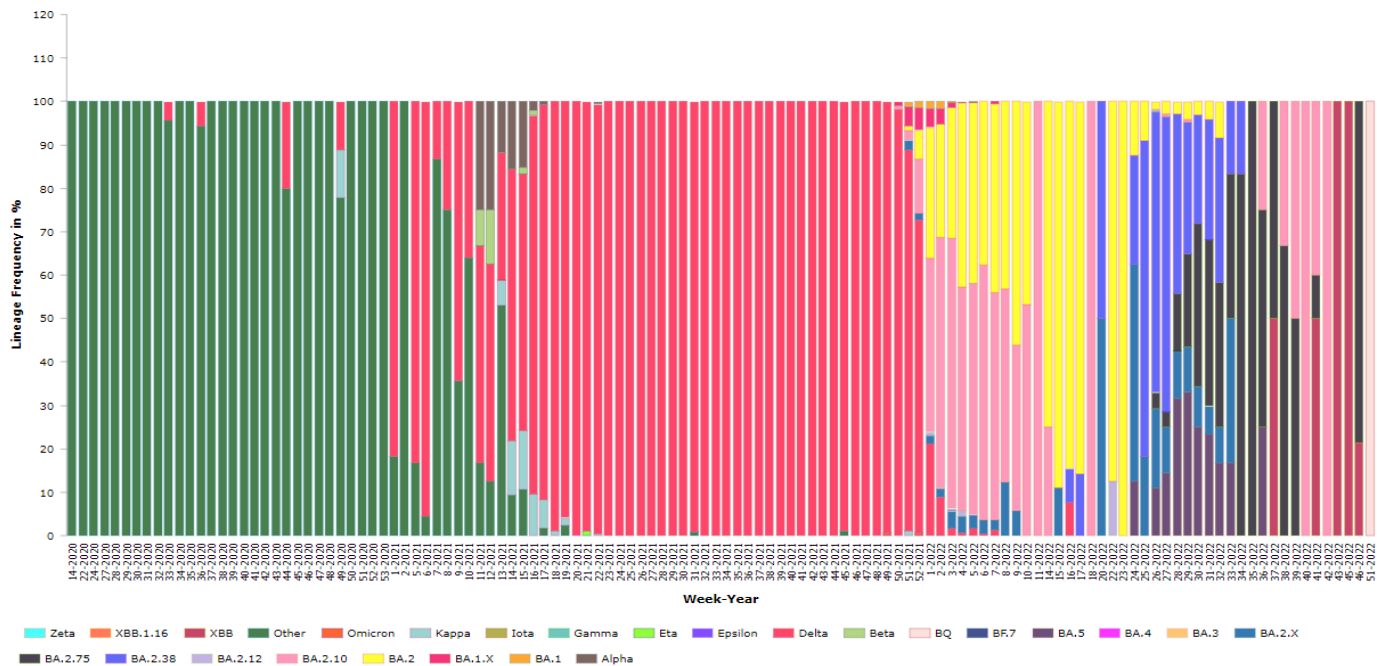
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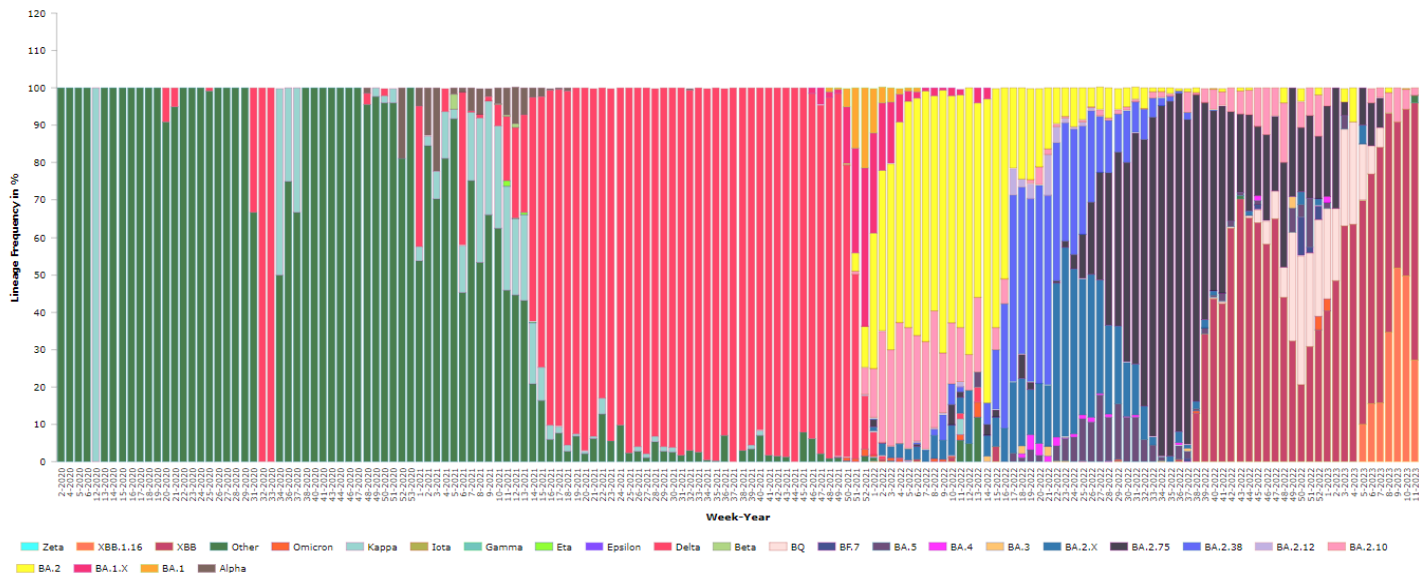
NorthEast India - Week wise lineage distribution

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West India - Week wise lineage distribution

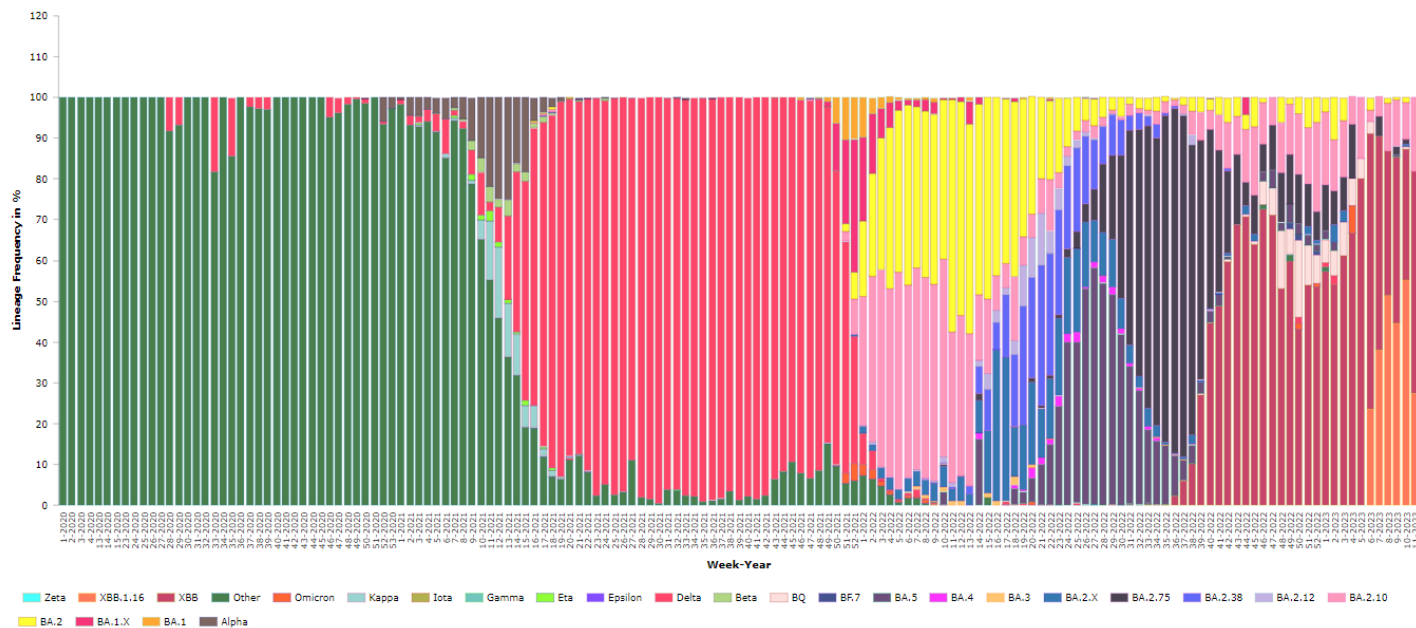
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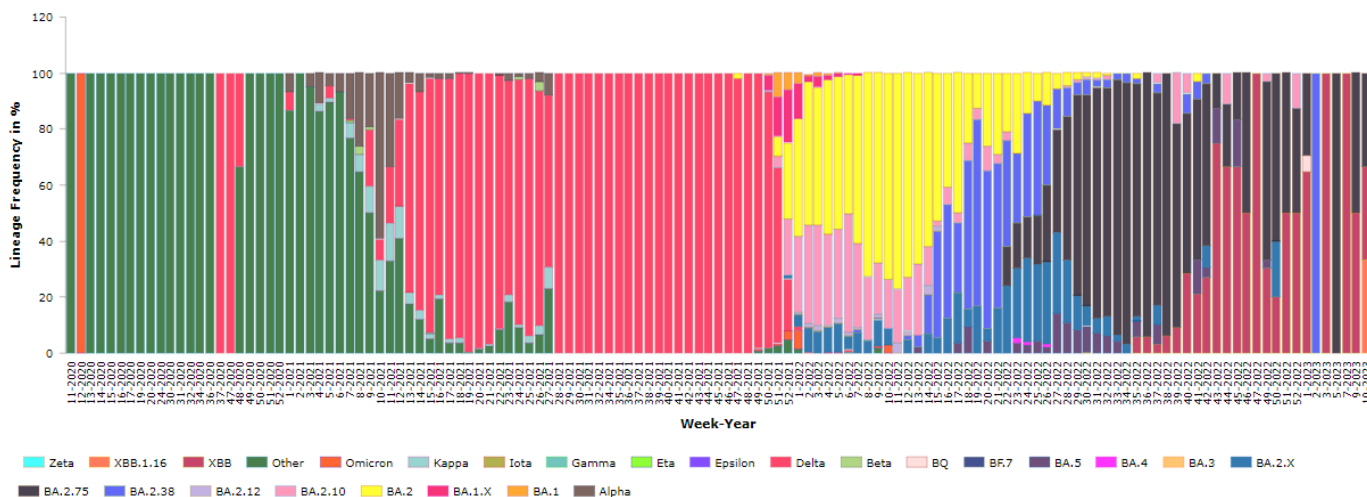
South India - Week wise lineage distribution

As on: 24-03-2023 11:00:00



Central India - Week wise lineage distribution

As on: 24-03-2023 11:00:00



Reference:

1. WHO weekly epidemiological report.