

Alpha Variant			Beta Variant			Gamma Variant			Delta Variant			B.1.617.1 and B.1.617.3			AY Series			Omicron			XE Variant	XM Variant	XJ Variant	Total VOC/VO
Tr&Co	Com	Total	Tr&Co	Com	Total	Tr&Co	Com	Total	Tr&Co	Com	Total	Tr&Co	Com	Total	Tr&Co	Com	Total	Tr&Co	Com	Total				
577	3690	4267	117	104	221	1	2	3	387	43571	43958	84	5540	5624	227	20236	20463	5895	67138	73356	1	2	2	147897

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

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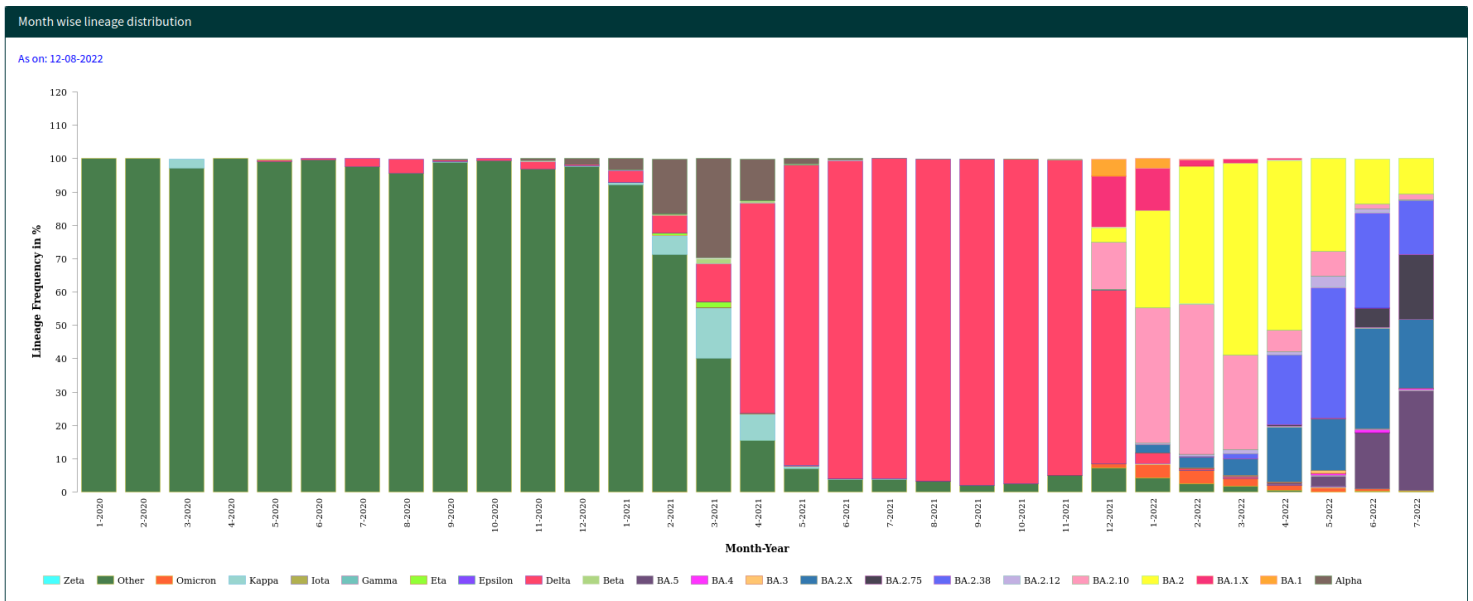
Global Scenario

Globally, the number of weekly cases decreased by 9% during the last week as compared to the previous weeks. The Omicron VoC remains the dominant variant circulating globally. Among Omicron sequences, BA.5 Omicron descendent lineage continued to be dominant globally, with a weekly prevalence that increased from 63.8% to 69.6%. Conversely, within the same time period, BA.4 decreased from 10.8% to 9.1%, BA.2.12.1 decreased from 2.4% to 1.3% and BA.2 decreased from 1.4% to 1.0%. BA.5 descendent lineages (BA.5.X) are increasing in diversity, with additional mutations in spike and non-spike regions.

Several other sub lineages of Omicron like BA.2.75 are under close observation, with earliest sequences reported from May 2022. BA.2.75 has nine additional mutations in the spike compared to BA.2. There is no evidence yet of the extent to which these mutations impact on transmissibility and disease severity compared to other circulating lineages.

Indian Scenario

Omicron sub lineages BA.2, BA.2.38 and BA.2.75 have been mostly found over the last few weeks. However, an increase in BA.5 and its sub-lineages has been also observed over the last few weeks. The spread and frequency of BA.2.75 sub lineage is being closely monitored. However, no surge in hospitalization or any disease severity has been observed during this time period. The below graph presents a cumulative country-wide scenario.



**BA.5 in the graph includes its sub-lineages also.*

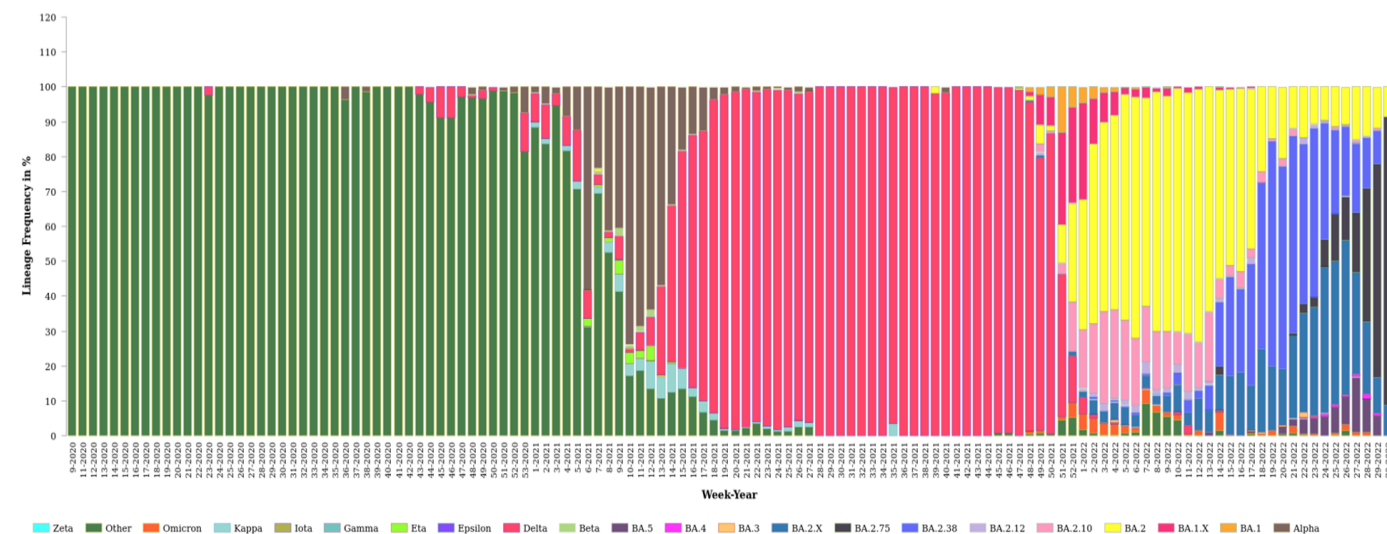
Different regions of the country are witnessing variation in the circulating sub-lineages.

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In the North, East and Central regions, BA.2.75 is the dominant lineage.

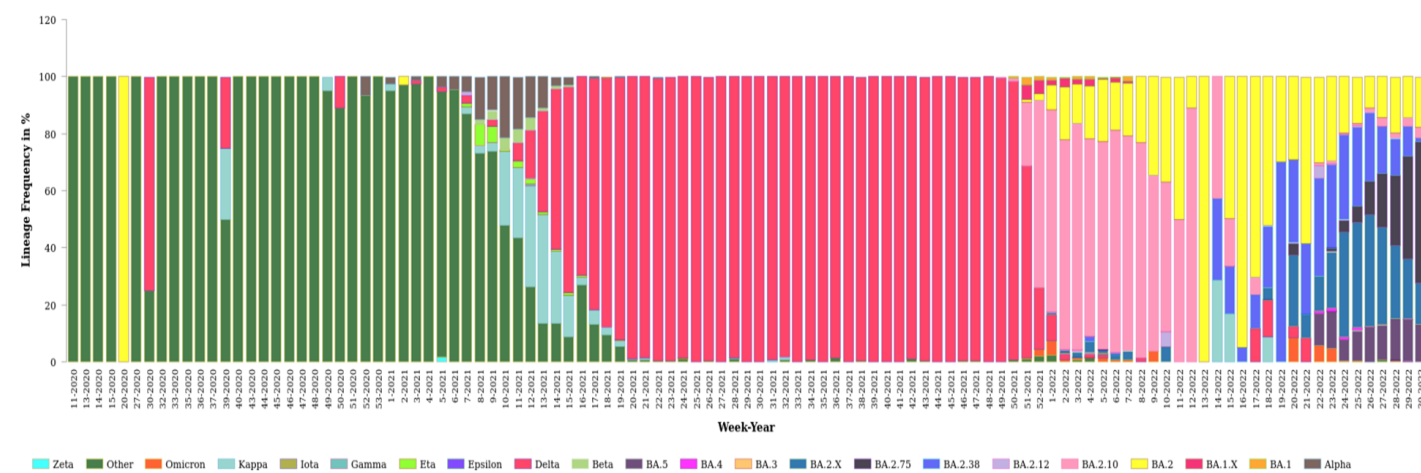
North India - Week wise lineage distribution

As on: 12-08-2022



East India - Week wise lineage distribution

As on: 12-08-2022

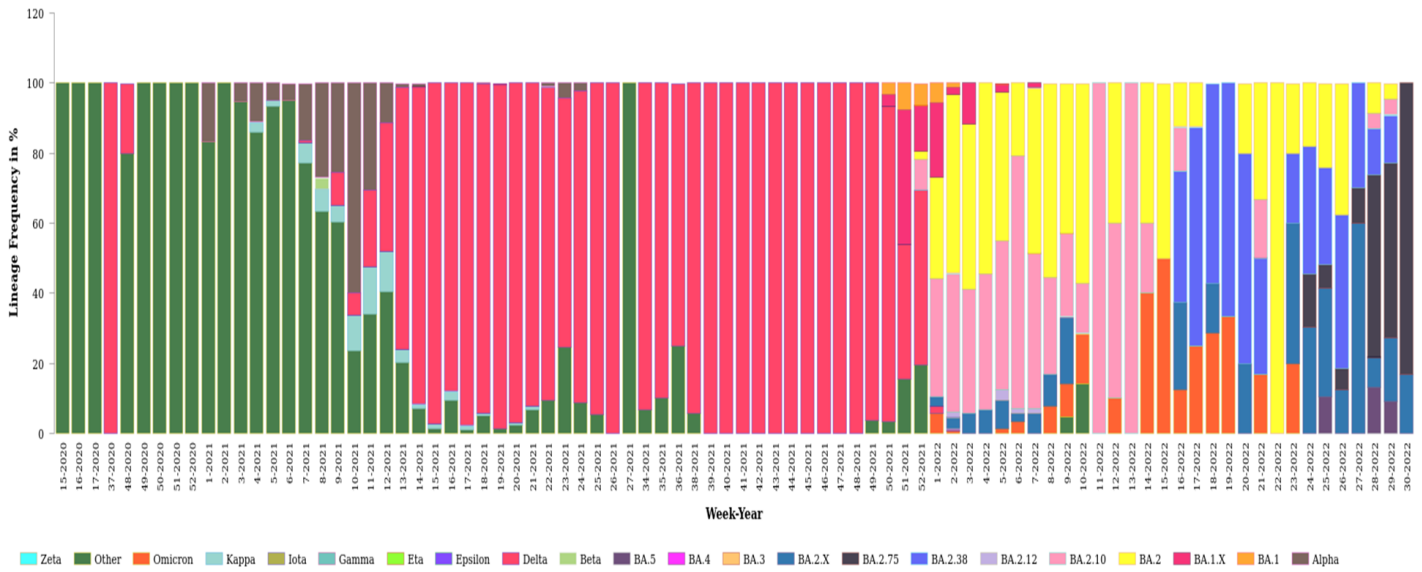


*BA.5 in the graph includes its sub-lineages also.

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Central India - Week wise lineage distribution

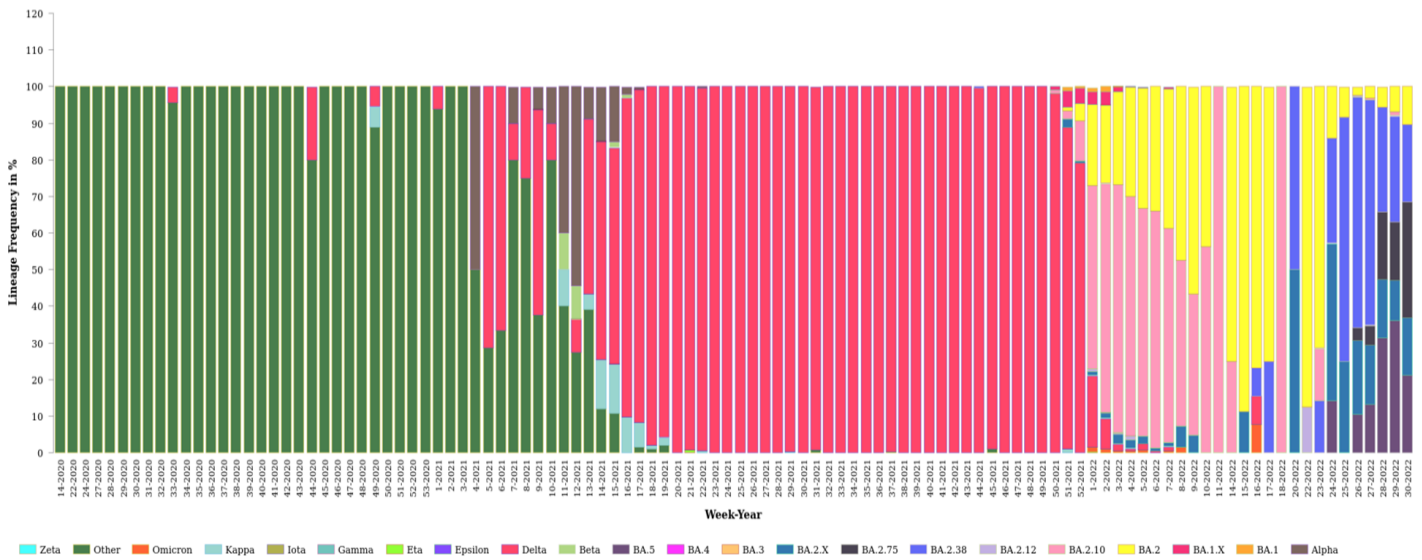
As on: 12-08-2022



In the North- East and West regions, BA.2.75, BA.5*, BA.2.38 and BA.2 are the circulating lineages.

NorthEast India - Week wise lineage distribution

As on: 12-08-2022

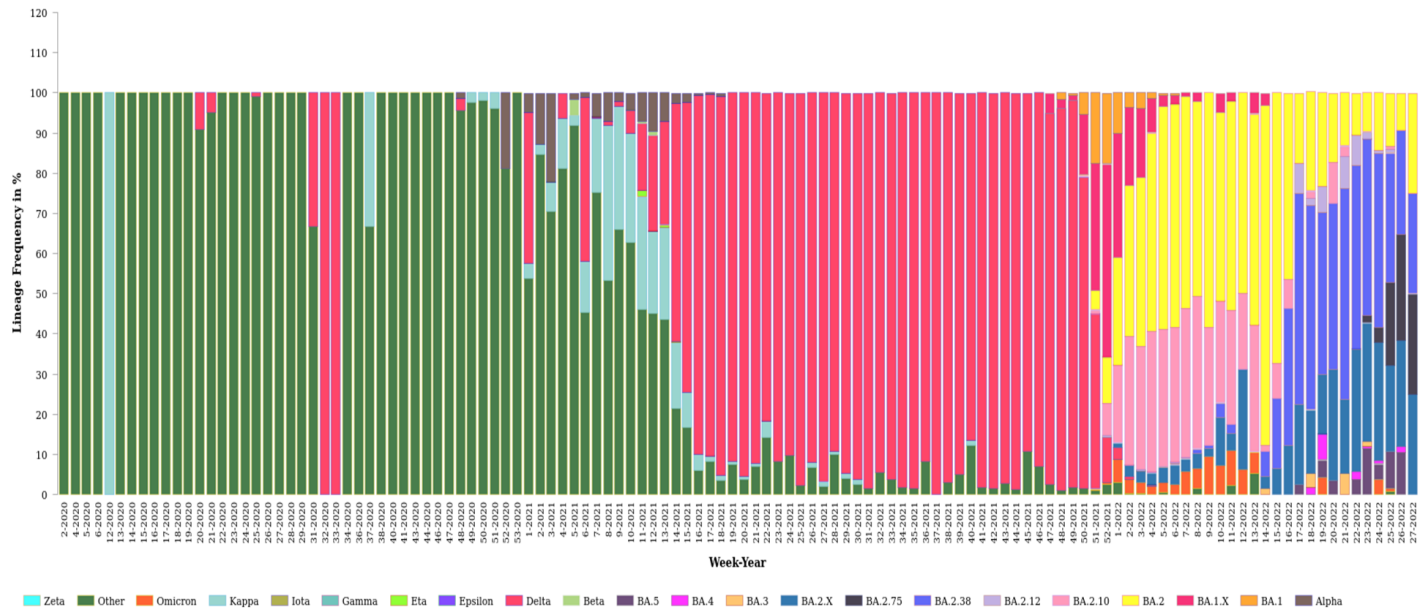


*BA.5 in the graph includes its sub-lineages also.

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West India - Week wise lineage distribution

As on: 12-08-2022



In South region, BA.2.75 seems to be competing with BA.5* which was the most prevalent lineage until previous week.

South India - Week wise lineage distribution

As on: 12-08-2022

