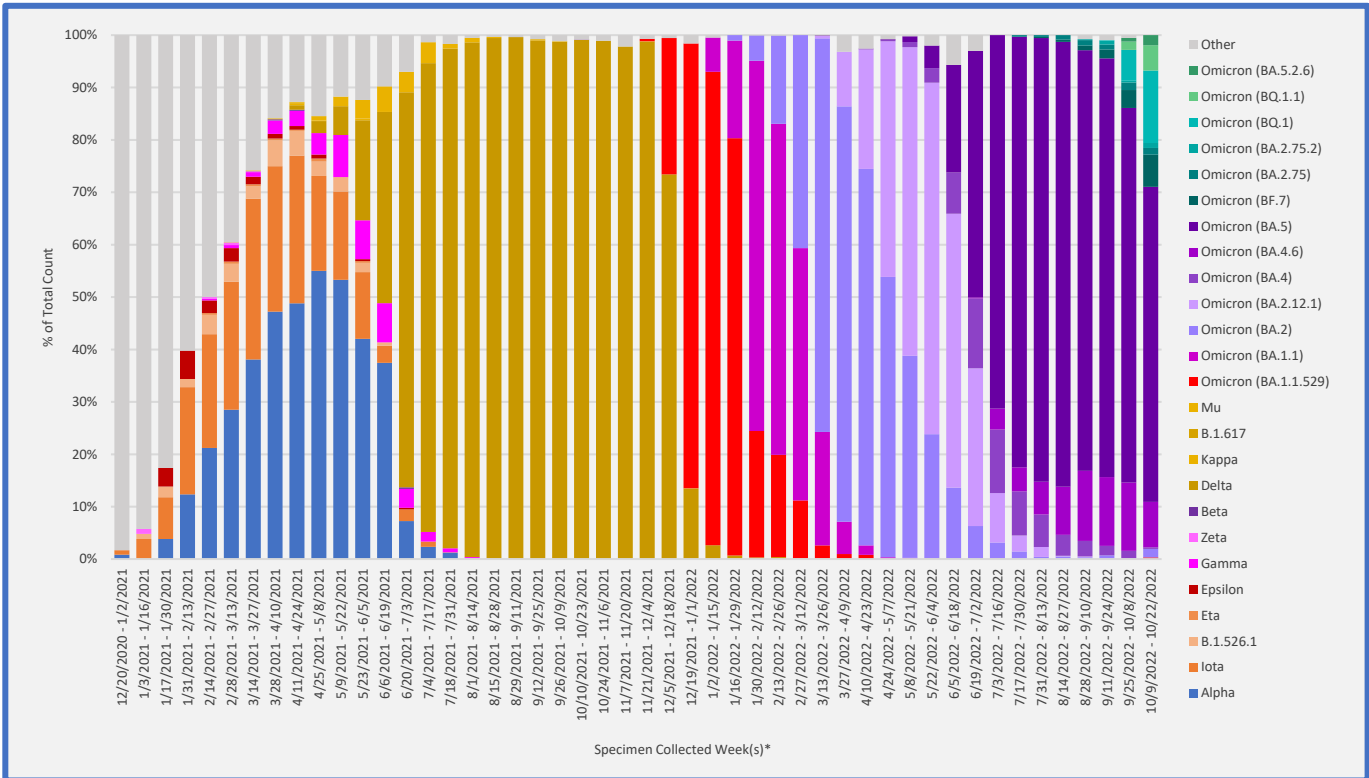


COVID-19 Variant Surveillance by Specimen Collected Week- Cumulative Summary



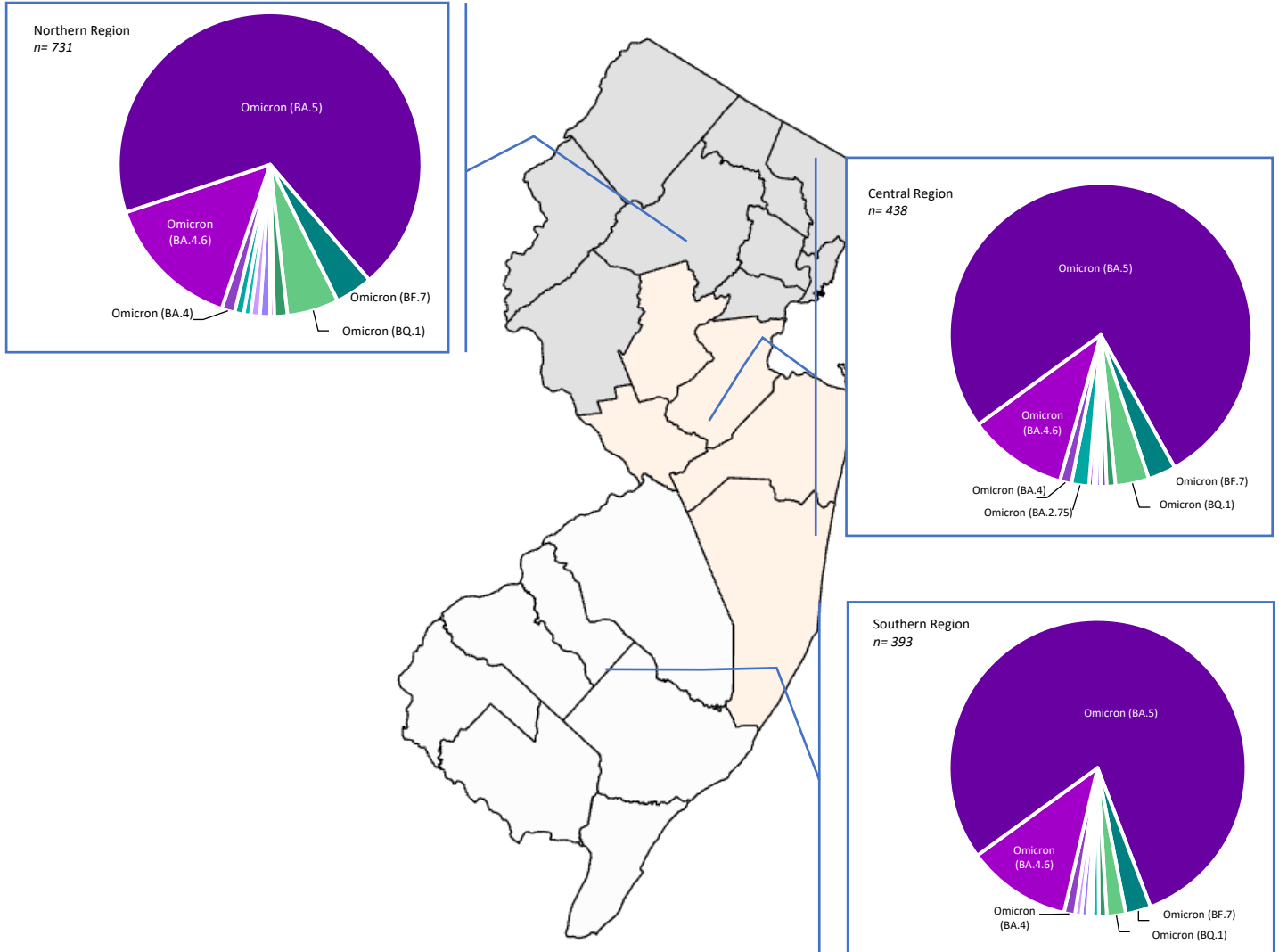
Percentages represent the proportion found in the specified variant lineage. "Other" represents 173 additional and unassigned lineages not classified as variants of concern or variants of interest.

* Specimens collected 10/9/2022 – 10/22/2022 reflects data for 2 weeks with a total of 425 specimens.

Variant Details

WHO Label	Pango Lineage	First Detected	CDC Variant Classification	CDC Date of Designation
Alpha	B.1.1.7	United Kingdom	Variants Being Monitored (VBM)	September 12, 2021
Beta	B.1.351	South Africa	Variants Being Monitored (VBM)	September 12, 2021
Delta	B.1.617.2, AY.1 – AY.122	India	Variants Being Monitored (VBM)	April, 2022
Gamma	P.1	Brazil	Variants Being Monitored (VBM)	September 12, 2021
Epsilon	B.1.427, B.1.429	USA-California	Variants Being Monitored (VBM)	September 12, 2021
Eta	B.1.525	USA-New York	Variants Being Monitored (VBM)	September 12, 2021
Iota	B.1.526	USA-New York	Variants Being Monitored (VBM)	September 12, 2021
N/A	B.1.526.1	USA-New York	Variants Being Monitored (VBM)	September 12, 2021
Zeta	P.2	Brazil	Variants Being Monitored (VBM)	September 12, 2021
N/A	B.1.617	India	Variants Being Monitored (VBM)	September 12, 2021
Kappa	B.1.617.1	India	Variants Being Monitored (VBM)	September 12, 2021
Mu	B.1.621, B.1.621.1	Columbia	Variants Being Monitored (VBM)	September 12, 2021
Omicron	B.1.1.529, BA.1, BA.1.1, BA.2-BA.5, BF.7, BQ.1, BQ.1.1	South Africa	Variant of Concern (VOC)	November, 2021

COVID-19 Variant Surveillance by State Region- Previous 4 weeks Summary*



*Each regional chart represents the proportion of the specified variant lineage and is based on sequencing results from the 4 weeks prior to the week of October 22, 2022. There is an approximately 14-24-day time lag between specimen collection and report of sequencing results to NJDOH. "Other" represents additional lineages which include other COVID-19 variants not classified as variants of concern or variants of interest.

Includes all sequencing results reported by Commercial Labs (including LabCorp, Aegis Sciences Corporation, Helix, Infinity Biologix and Quest Diagnostics) and the State Public Health Lab that have been submitted for surveillance purposes.

Data reported is based on a subset of sampled specimens from NJ residents sequenced for COVID-19 variant surveillance.