



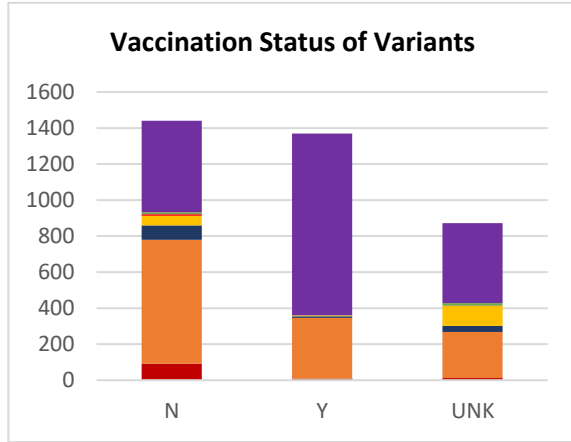
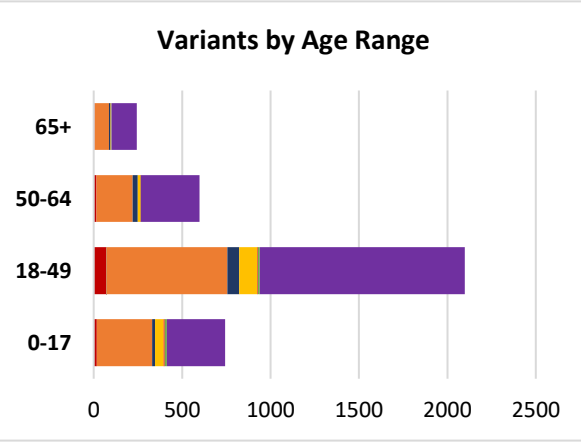
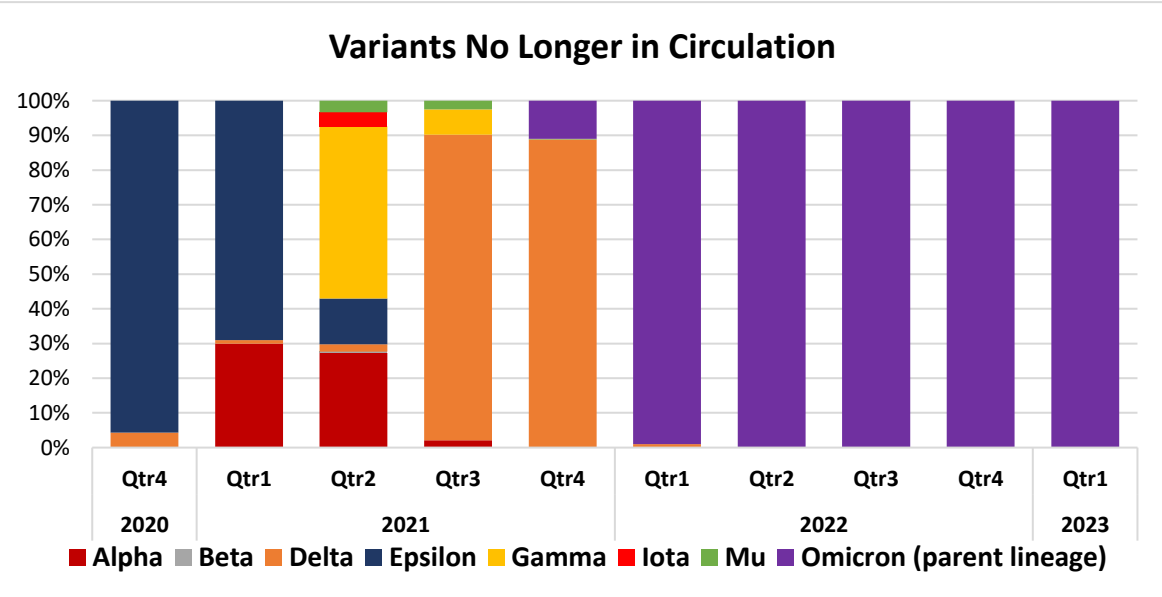
# SARS-CoV-2 Variants No Longer Circulating in Imperial County

## COVID-19 Variant Update:

- This report follows California Department of Public Health (CDPH) and Centers for Disease Control and Prevention (CDC) guidance for characterizing emerging variants to monitor their potential impact on vaccines, therapeutics, and diagnostics.
- Viruses like SARS-CoV-2 continuously evolve as changes in the genetic code occur during replication of the genome. Over the course of the pandemic, SARS-CoV-2 has consistently mutated, resulting in different variants from the original virus.
- Lineages or groups of related lineages may be classified using Greek letters (such as Omicron) by the World Health Organization (WHO). These classification methods enable scientists to communicate similarities and differences between SARS-CoV-2 viruses.

WHO Label	Pango Lineage	Status*	Cases in Imperial County
Omicron Parent Lineages**	B.1.1.529 and descendant lineages	VOC	1,963
Alpha	B.1.1.7 and Q lineages	VBM	110
Beta	B.1.351 and descendent lineages	VBM	1
Gamma	P.1 and descendent lineages	VBM	169
Delta	B.1.617.2 and descendant lineages	VBM	1,281
Epsilon	B.1.427 and B.1.429	VBM	123
Eta	B.1.525	VBM	0
Iota	B.1.526	VBM	10
Kappa	B.1.617.1	VBM	0
N/A	B.1.617.3	VBM	0
Zeta	P.2	VBM	0
Mu	B.1.621, B.1.621.1	VBM	26

\*VOC=Variant of Concern, VOI=Variant of Interest, VBM=Variant Being Monitored  
 \*\*Omicron parent lineages include BA.1 or similar



- The Omicron parent lineages were the dominant strain in 2022.
- The age group most affected is 18-49 years old.
- For more information on variant classifications, please visit: [SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions)