

INSACOG BULLETIN

June 06, 2022

The INSACOG reports genomic surveillance of SARS-CoV-2 across the country through sequencing of samples from Sentinel sites and International passengers arriving in India. A summary of the cumulative data of INSACOG and other state sequencing initiatives can be found at the INSACOG data portal link along with other INSACOG information at <https://research.nibmg.ac.in/insacog/>

INSACOG:

- Total number of samples sequenced is 218,003
- Total number of sequences analyzed 216,751

Samples sequenced by IGSLs under State government MoUs: 34,763

Total number of samples sequenced: 252,766

The number of samples with pangolin lineage assigned are given below:

Table 1: Cumulative samples with pangolin lineage assigned (as on 02.05.2022)				
Community sample	Travelers sample	Total pangolin lineage assigned	Total VOC/VOI	Proportion
146404	12285	158689	126791	79.9

Distribution of VOC & B.1.617.1 and B.1.617.3 (02.06.2022)

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/VOI
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	103	220	1	2	3	387	43563	43950	84	5537	5621	227	20229	20456	5895	46375	52270	1	1	2	126791

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

