

INSACOG BULLETIN

June 20, 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 221,836
- Total number of sequences analyzed 220,691

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

Total number of samples sequenced: 256,599

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

Table 1: Cumulative samples with pangolin lineage assigned (as on 18.06. 2022)				
Community sample	Travelers sample	Total pangolin lineage assigned	Total VOC/VOI	Proportion
149729	12285	162014	130073	80.3

Distribution of VOC and B.1.617.1 & B.1.617.3 (as on 18-06-2022)																								
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	104	221	1	2	3	387	43563	43950	84	5538	5622	227	20235	20462	5895	49648	55543	1	2	2	130073
Tr&Co= Travelers and contacts ; Com= Community samples																								

