



## SAPRIN releases Covid-19 Individual and Household Observations 2023 Datasets

April 2024

The [South African Population Research Infrastructure Network](#) (SAPRIN) released its COVID-19 Individual and Household Observations 2023 Datasets in January 2024. The dataset consists of interviews conducted from May 2020 until July 2023 and is the result of a shared Covid-19 surveillance programme.

SAPRIN commenced the Covid-19 surveillance programme shortly after the start of the Covid-19 pandemic. The dataset is for 3 Health and Demographic Surveillance System (HDSS) nodes. The nodes are the MRC/Wits University [Agincourt](#) HDSS in Bushbuckridge District, Mpumalanga, the University of Limpopo DIMAMO HDSS in the Capricorn District of Limpopo and the Africa Health Research Institute ([AHRI](#)) HDSS in uMkhanyakude District, KwaZulu-Natal.

As part of the Covid-19 surveillance, Covid-19 screening questions were administered to household respondents in the 3 HDSS nodes. By the end of July 2023, a total of 57 384 such household interviews were conducted, with approximately 277 400 interviews for individuals.

The questionnaire included both household-level and individual-specific questions. COVID-19 symptom screening was included in the questionnaire, and those who satisfied the Department of Health's COVID-19 symptom criteria were referred for additional investigation, testing, and management.

The interviews can be directly linked to the detailed longitudinal surveillance data in the three nodes, providing interesting contextual data to this set of observations on depression and anxiety during the span of the covid epidemic from its start across several epidemic waves of infection in South Africa.

The contextual data includes SAPRIN Individual Surveillance Episodes 2023: Basic Dataset, Age-Year Dataset and Age-Year-Delivery Dataset. It also includes a large set of Covid-19 specific data, including vaccine acceptance and hesitancy data and the impact of Covid-19 measures on the household.

This dataset is not based on a sample but contains information from the complete demographic surveillance areas. There was a total of 277 408 participants from 16 481 households in Agincourt, 19 636 households in DIMAMO and 21 267 households in AHRI. 129 331 participants were male and 148 041 were female.

The dataset is available for scientific and statistical research purposes only, to relevant and appropriate individuals and bodies in line with SAPRIN's access conditions.

Additional information can be obtained via this link:

[South Africa - SAPRIN COVID-19 Individual and Household Observations 2023 Datasets \(samrc.ac.za\)](https://samrc.ac.za)

