



Figure 1: Percentage of specimens positive on the respiratory viral multiplex and SARS-CoV-2 PCR

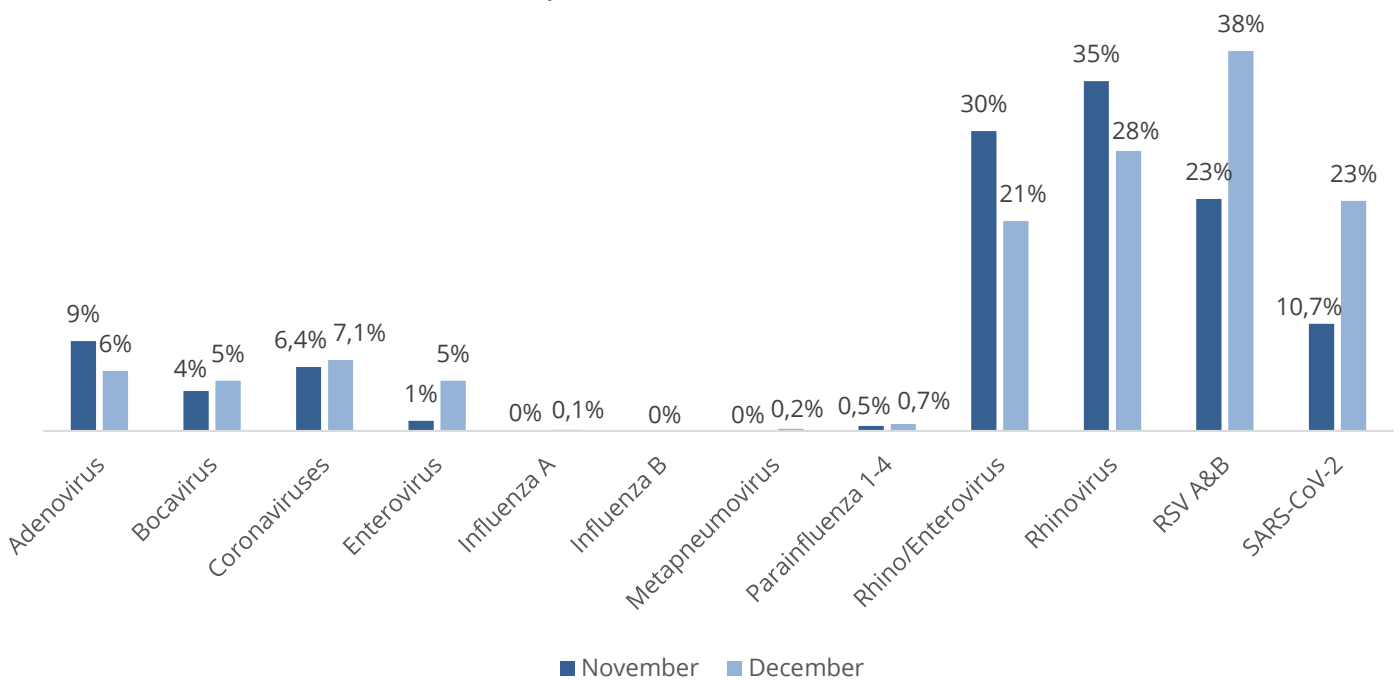


Figure 1: Respiratory viruses – countrywide data December findings

- The most frequently detected viruses during December were as follow: RSV (38%), Rhinovirus (28%), SARS-CoV-2 (23%) and Rhino/Enterovirus (21%).
- The rate of detection of RSV increased from 23% in November to 38% in December.
- Influenza A was detected in a single specimen during December. Influenza B was not detected in any of the specimens tested during both November and December.
- The novel Coronavirus, SARS-CoV-2, was detected in 23% of specimens tested nationally, a marked increase form the 10,7% in November.
- Please note: the graph includes the combined data from different respiratory multiplex assays offered by Ampath laboratories as well as the SARS-CoV-2 PCR.
- SARS-CoV-2 is not included in the multiplex molecular panels currently in use at Ampath.
- Refer to the Ampath website for the current and previous respiratory viral statistics both countrywide and per region: <https://www.ampath.co.za/respiratory-tract-infection>.



Figure 2: Percentage of specimens positive for SARS-CoV-2 by province

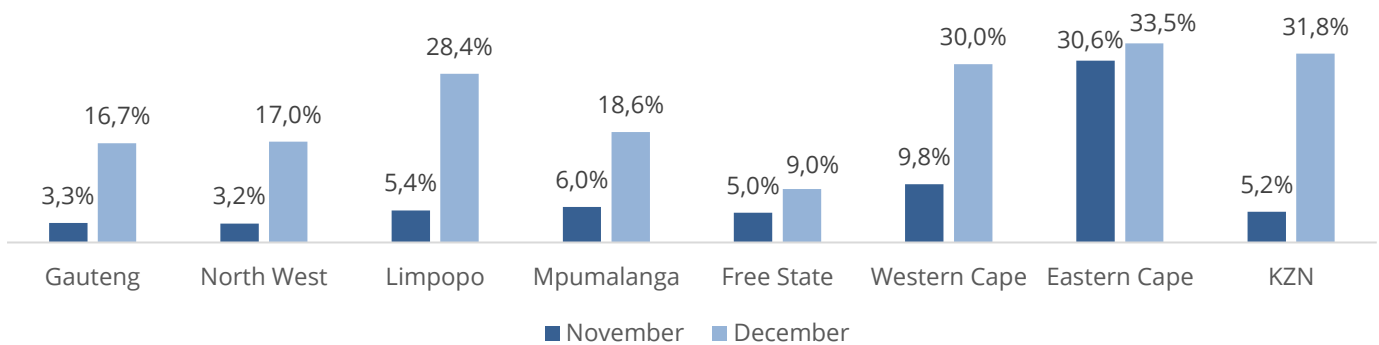


Figure 3: Distribution of total positive SARS-CoV-2 PCR tests per province

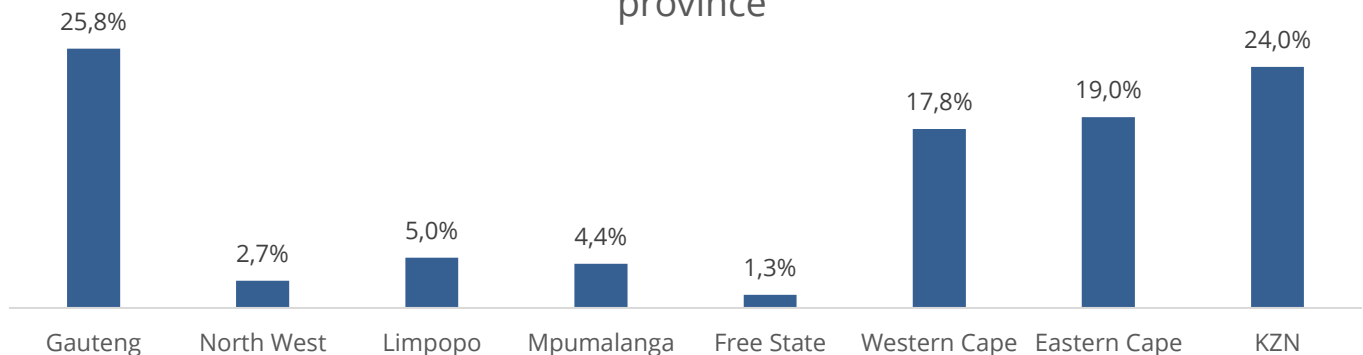


Figure 2: Percentage of total positive SARS-CoV-2 tests per province

- The percentage of specimens testing positive for SARS-CoV-2 increased significantly across all provinces during December.
- This percentage was calculated by dividing the number of positive specimens per province by the total of specimens submitted per province.

Figure 3: Distribution of specimens positive for SARS-CoV-2 per province

- The majority of the positive SARS-CoV-2 specimens were from Gauteng (25,8%), KwaZulu-Natal (24%), Eastern Cape (19%) and the Western Cape (17,8%).
- This percentage was calculated by dividing the number of positive specimens per province by the total of positive specimens countrywide.