



Respiratory virus statistics July/August 2020

Figure 1: Percentage of specimens positive on the Respiratory Virus Multiplex and SARS-CoV-2 PCR: Countrywide

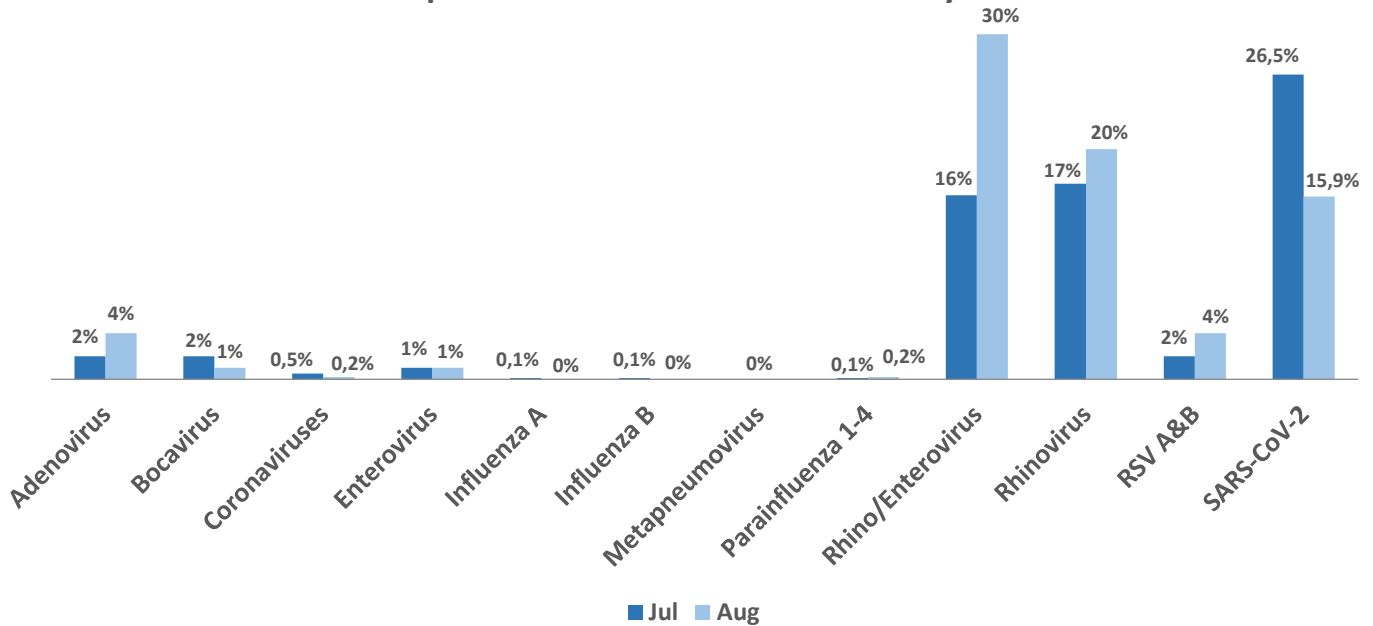


Figure 2: Percentage of specimens positive for SARS-COV-2 by Province

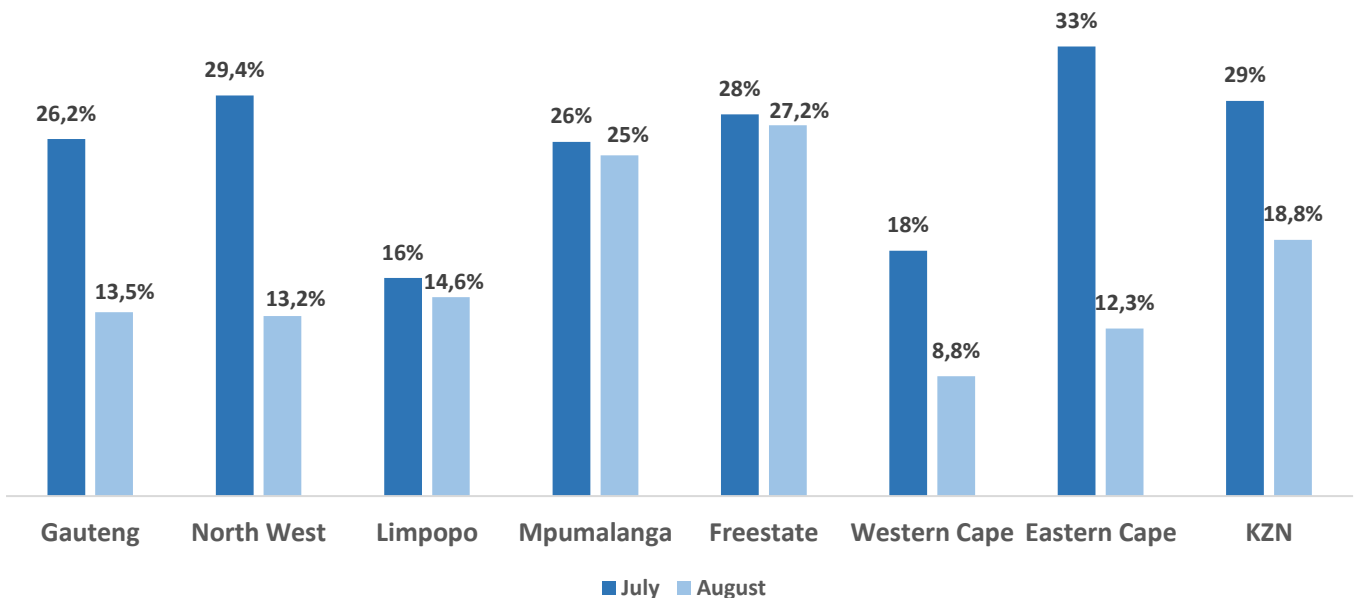
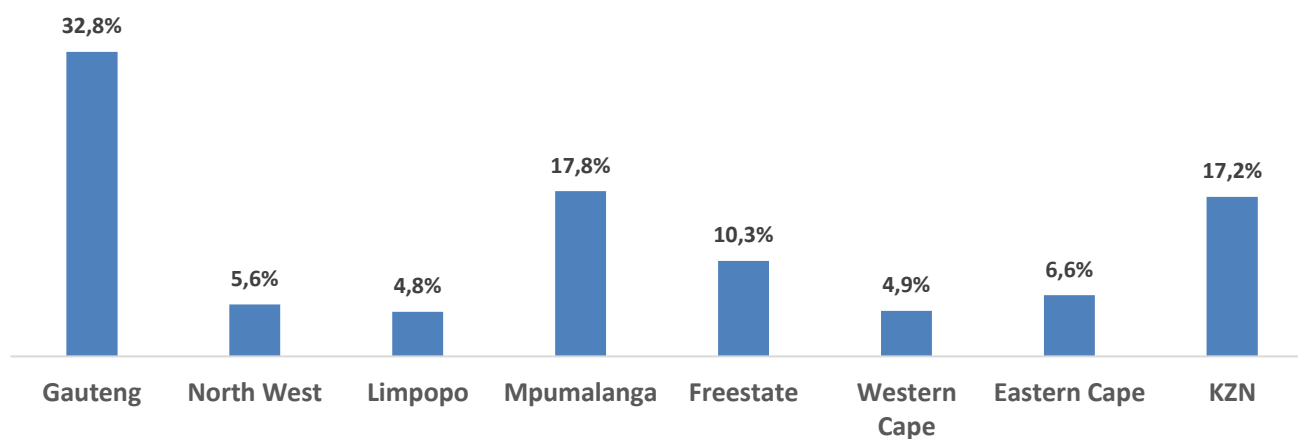


Figure 3: Distribution of total positive SARS-CoV-2 tests per Province



Respiratory viruses: August findings

Figure 1: Respiratory viruses – countrywide data

- The most frequently detected viruses during August were as follow: Rhino/Enterovirus (30%), Rhinovirus (20%), SARS-CoV-2 (15,9%), RSV (4%) and Adenovirus (4%).
- The novel Coronavirus, SARS-CoV-2, was detected in significantly less specimens as compared to the previous month.
- Influenza A and B were not detected in any of the specimens tested by PCR.
- 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.
- Please note: 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

- The percentage of specimens that tested positive for SARS-CoV-2 decreased across all provinces.
- This percentage was calculated by dividing the number of positive specimens per province by the total amount of specimens submitted per province.

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

- The majority of the positive SARS-CoV-2 specimens were from the Gauteng (32,8%) followed by Mpumalanga (17,8%) and KZN (17,2%).
- This percentage was calculated by dividing the number of positive specimens per province by the total amount of positive specimens countrywide.