



Respiratory virus statistics June/July 2020

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

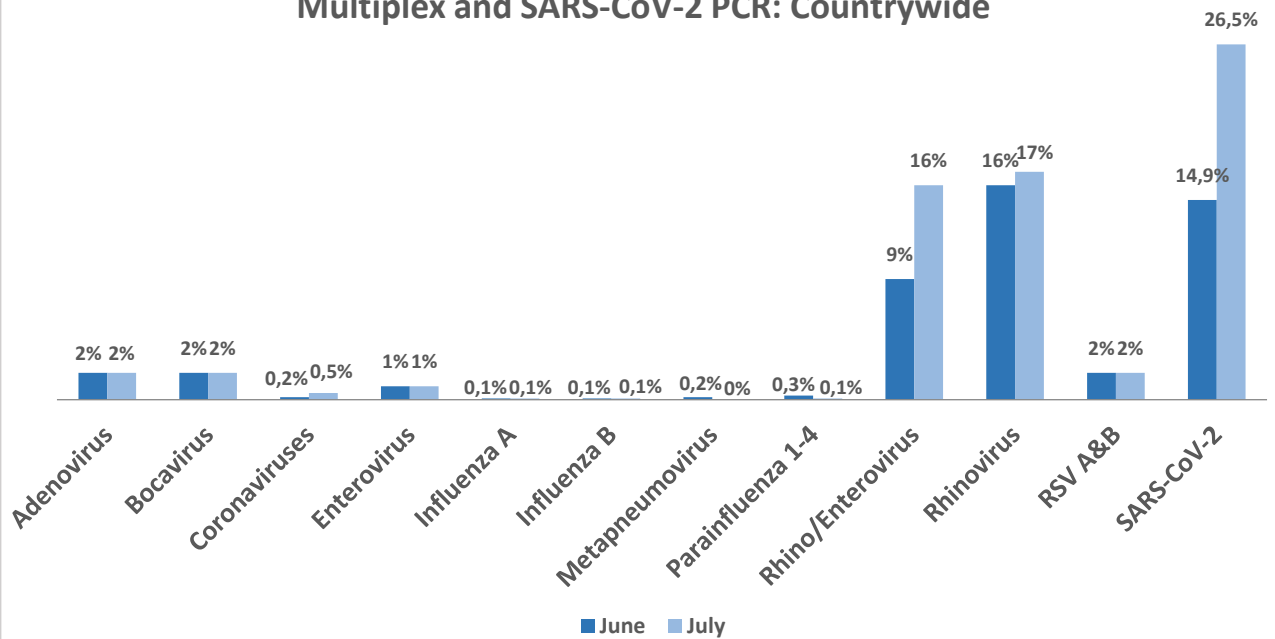


Figure 2: % of specimens submitted positive for SARS-CoV-2 per province

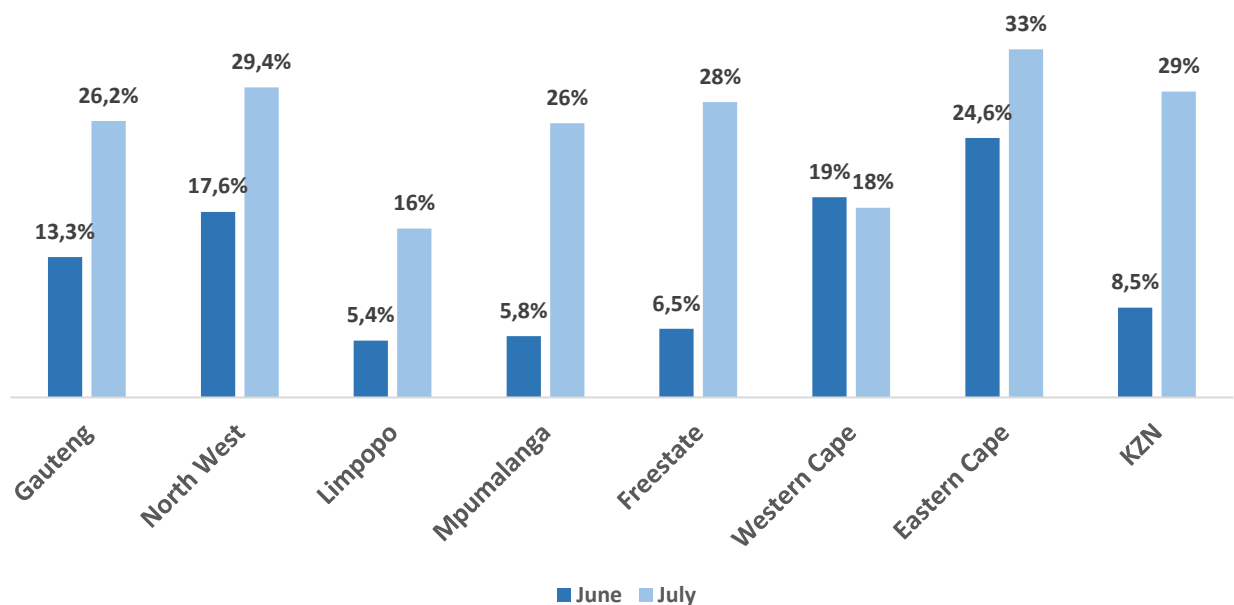
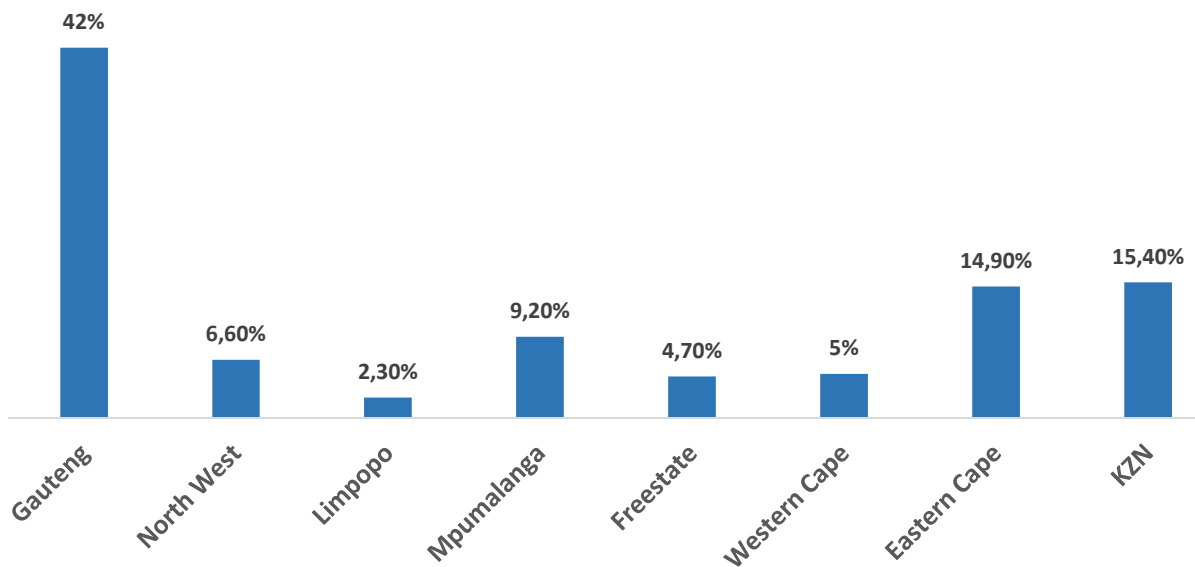


Figure 3: % of total positive SARS-CoV-2 tests per province



Respiratory viruses: July findings

Figure 1: Respiratory viruses – countrywide data

- The most frequently detected viruses during July were as follow: SARS-CoV-2 (26,5%), Rhinovirus (17%), Rhino/Enterovirus (16%), RSV (2%) and Adenovirus (2%).
- The novel Coronavirus, SARS-CoV-2, was detected in significantly more specimens as compared to the previous month.
- Influenza A and B remain at low levels (0,1% of specimens).
- 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: none of the multiplex molecular panels in use at Ampath currently detect the SARS-CoV-2 virus.
- 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:

- The percentage of specimens submitted positive for SARS-CoV-2 increased across all provinces except for the Western Cape which showed a slight decrease.
- Calculated as positive specimens per province/total specimens submitted per province

Figure 3:

- Of the positive SARS-CoV-2 specimens:
 - The majority (42%) were from the Gauteng province.
 - The KZN province accounted for 15,4% of positive specimens.
 - The Eastern Cape province accounted for 14,9% of positive specimens.
- Calculated as positive specimens per province/total of positive specimens countrywide