



## Respiratory virus statistics May/June 2020

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

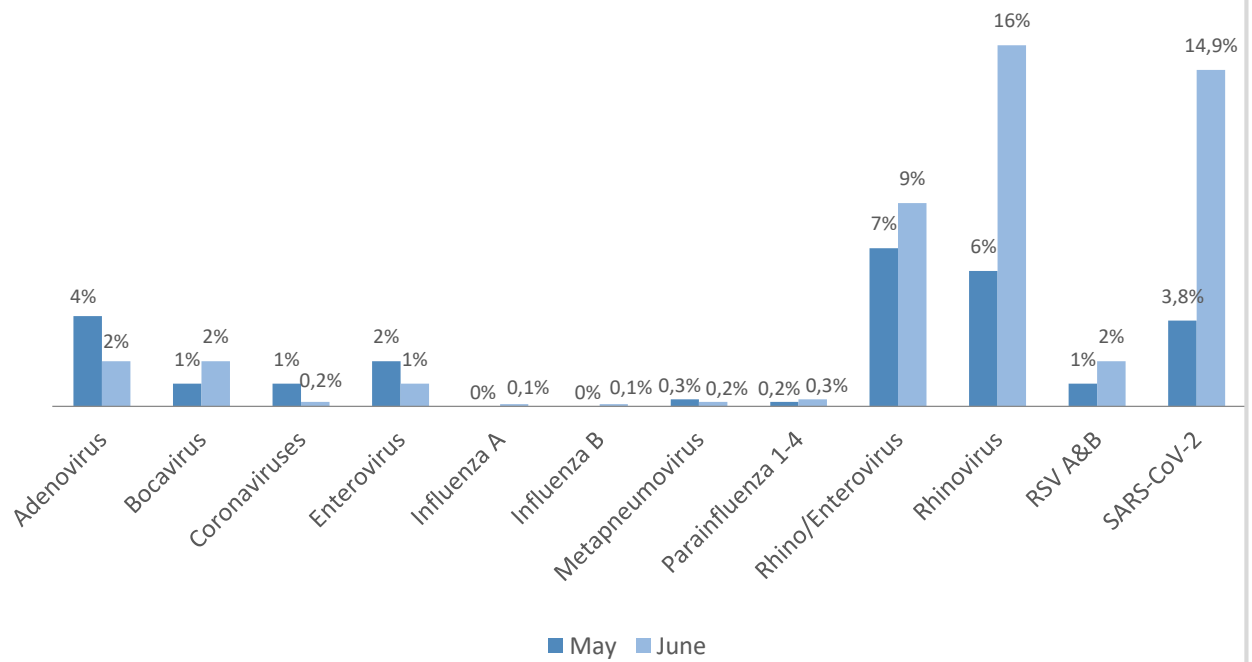


Figure 2: % of specimens submitted positive for SARS-CoV-2 per province

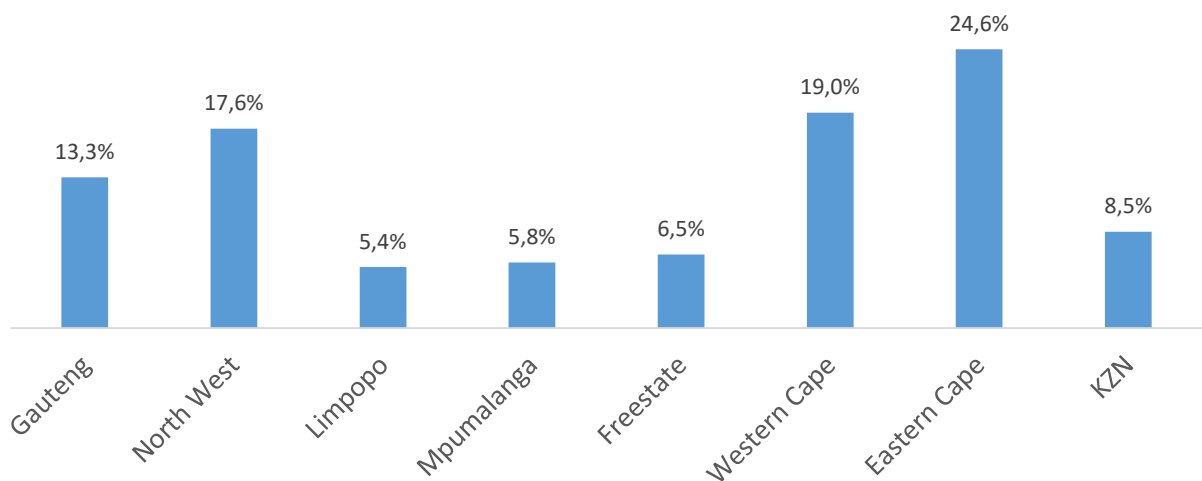
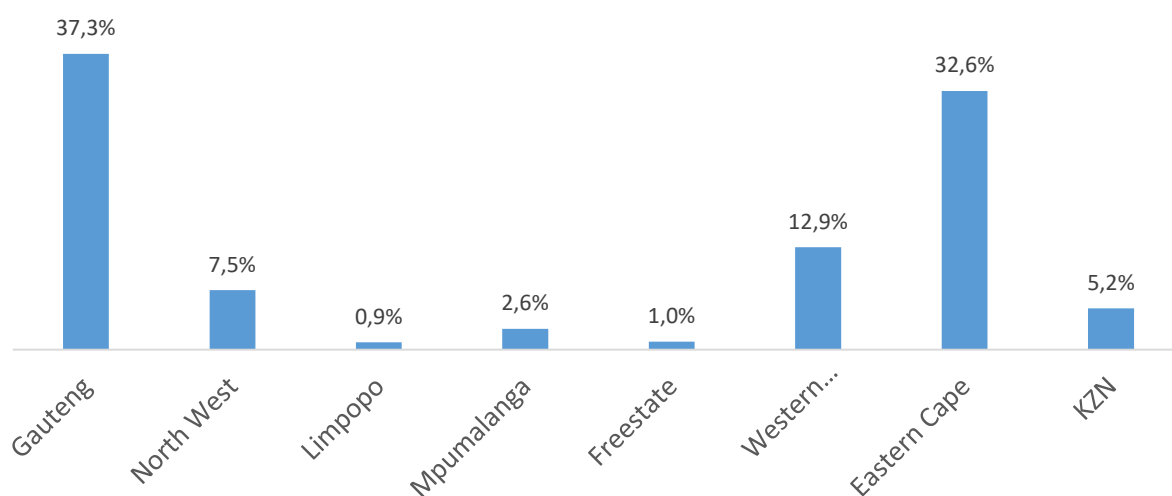


Figure 3: % of total positive SARS-CoV-2 tests per province



### Respiratory viruses: June findings

#### Figure 1: Respiratory viruses – countrywide data

- The most frequently detected viruses during June were as follow: Rhinovirus (16%), SARS-CoV-2 (14,9%), Rhino/Enterovirus (9%), 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 detects 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 provinces with the highest positivity rates for SARS-CoV-2 were as follow: Eastern Cape (24,6%), Western Cape (19%), North West (17,6%) and Gauteng (13,3%).

#### Figure 3:

- Of the positive SARS-CoV-2 specimens:
  - The majority (37,3%) were from the Gauteng province.
  - The Eastern Cape province accounted for 32,6% of positive specimens.
  - The Western Cape province accounted for 12,9% of positive specimens.