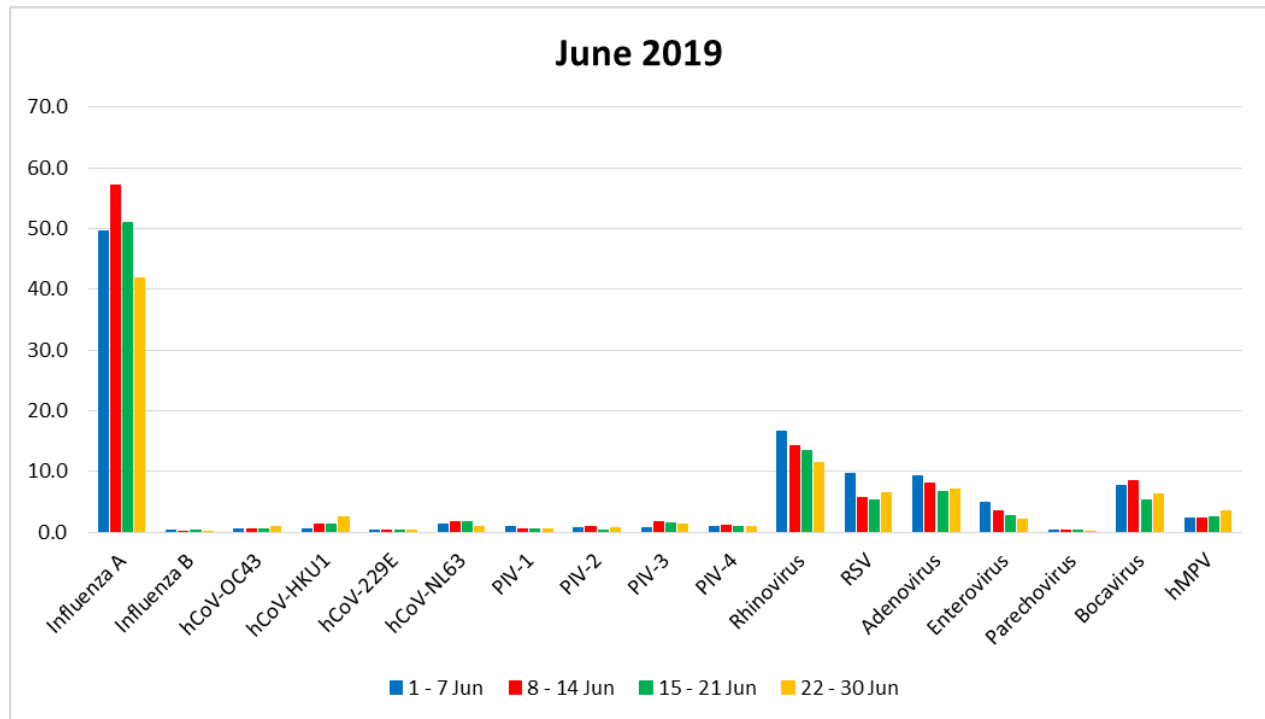




One or more respiratory viruses were detected in 72.1% of respiratory specimens submitted for testing to Lancet Laboratories during **June 2019**. The number of samples submitted for testing doubled when compared to May 2019, and increased by 77.3% when compared to June 2018. In the full respiratory virus panel a single viral pathogen was detected in 54.0% of the samples. More samples were received from female than male patients (55.4% vs 44.6%), and less than a third of the samples (32.3%) were received from children less than 5 years of age.

The graph below represents the viruses detected as the percentage positive per week for each particular virus.



hCoV = Human coronavirus; PIV = Parainfluenza virus; RSV = Respiratory syncytial virus; hMPV = Human metapneumovirus

- Influenza A virus was the most prevalent virus during June, detected in 50.5% of all samples. The majority of Influenza A viruses that were typed were Influenza A/H3.
- Rhinovirus was the second most prevalent virus, detected in 14.0% of samples, followed by Adenovirus (7.8%).
- Influenza B virus, hCoV-OC43, hCoV-229E, PIV-1, PIV-2 and Parechovirus were all detected in less than 1% of samples submitted for testing.
- *Mycoplasma pneumoniae* was detected in 1.1% of samples (not represented graphically).



Compiled by Dr L Maree

