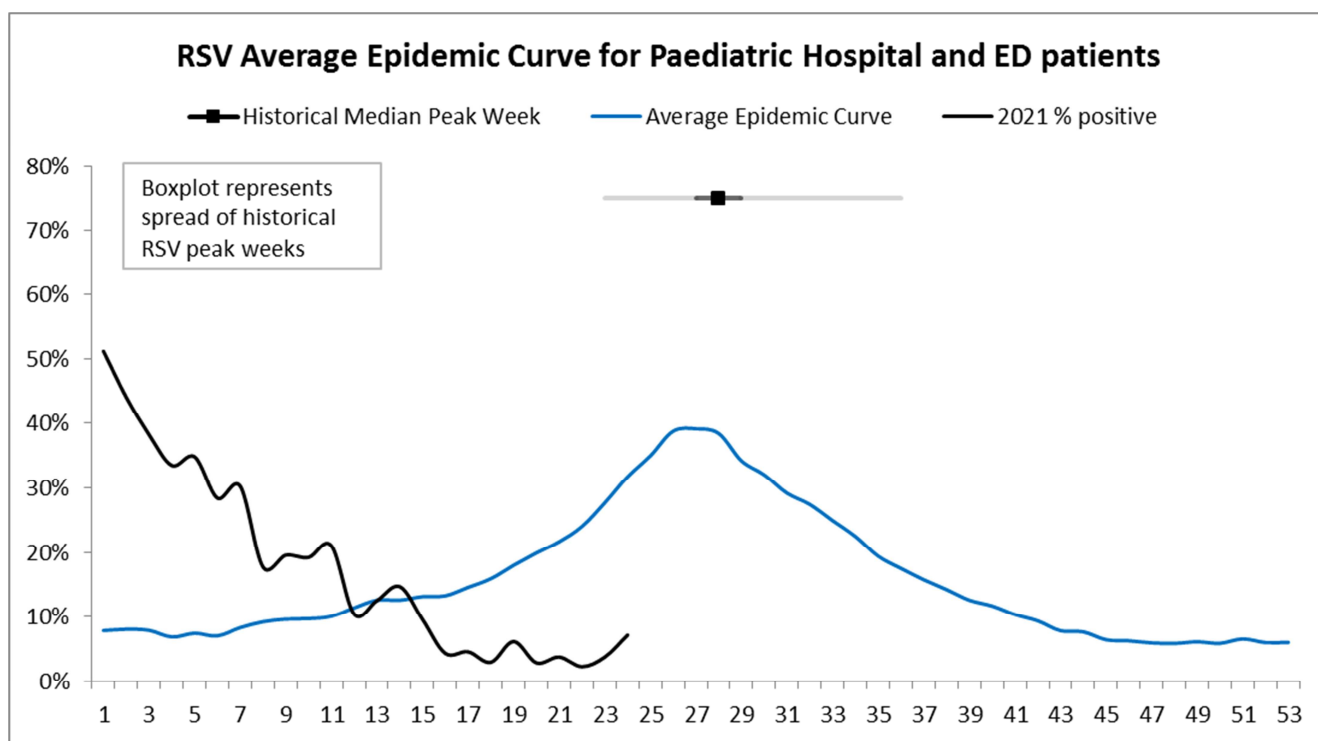


# Paediatric Respiratory Pathogen Report

## Week 24, 14<sup>th</sup> June 2021 – 20<sup>th</sup> June 2021

\*\*\*Please note, an abridged version of this report will be circulated whilst influenza activity is low\*\*\*

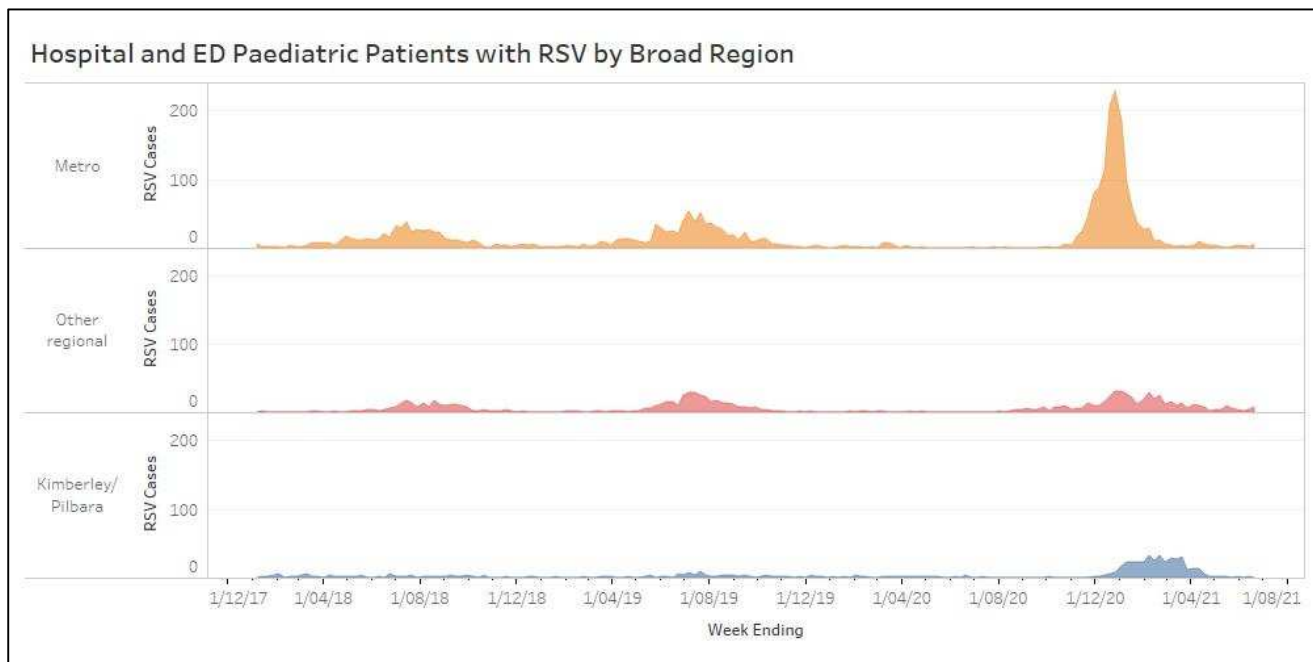
- There were 14 paediatric cases of RSV this week. Six were from the Metro area and eight were from regional WA.
- There were no paediatric influenza cases detected at PathWest this week.
- The most common respiratory virus in paediatric patients this week was parainfluenza virus 1 (19 cases).
- The total number of paediatric cases of COVID-19 detected by PCR at PathWest is 58, as of 22<sup>nd</sup> of June.



**Figure 1:** The current season plotted against the Paediatric RSV Average Epidemic Curve. The average epidemic curve was constructed by averaging all seasons measured at PathWest QE2 from 2007-2019. The high intensity threshold is 1.645 standard deviations above (upper 90% CI) the average epidemic curve. Data represents all WA hospitalised and ED paediatric patients tested by PathWest.

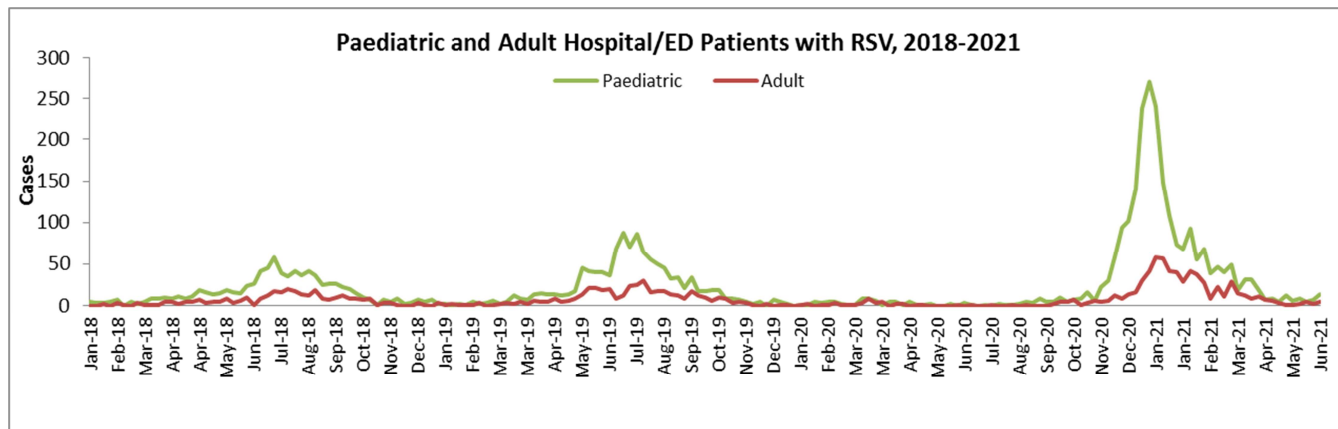
*RSV proportion positive (7%) is lower than levels historically observed at this time of year.*

Data is representative of all patients attending a hospital (public or private) in Western Australia, for which a respiratory sample was collected and tested at a PathWest laboratory.



**Figure 2:** Hospital attending paediatric patients with RSV in Perth metropolitan region, in both Kimberley and Pilbara combined and in the remaining regions combined.

*Of the 14 paediatric cases of RSV this week, six were from the Metro area, four from the Goldfields, three from the Southwest and one from Wheatbelt.*



**Figure 3:** Paediatric and adult hospital attending patients with RSV, 2018-2021.

*There were 14 children and 4 adults with RSV who attended a hospital.*

Data is representative of all patients attending a hospital (public or private) in Western Australia, for which a respiratory sample was collected and tested at a PathWest laboratory.