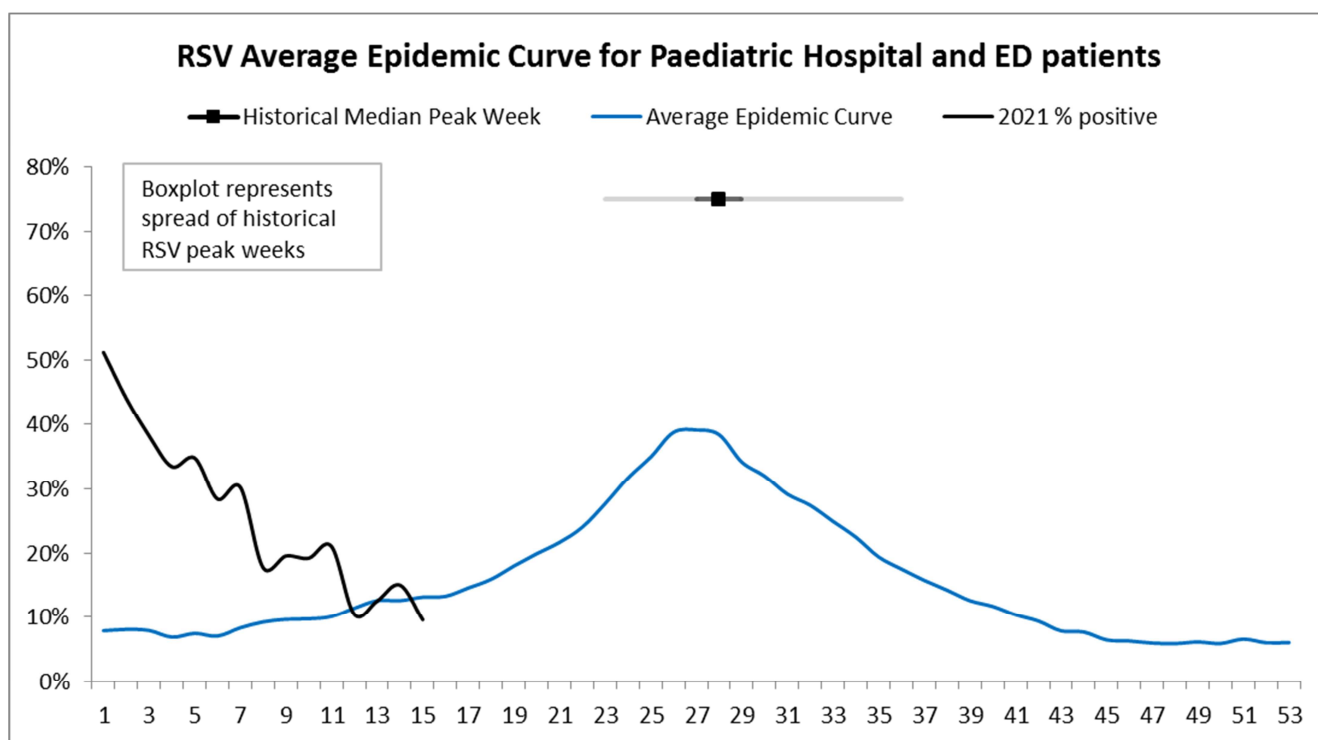


# Paediatric Respiratory Pathogen Report

## Week 15, 12<sup>th</sup> April 2021 – 18<sup>th</sup> April 2021

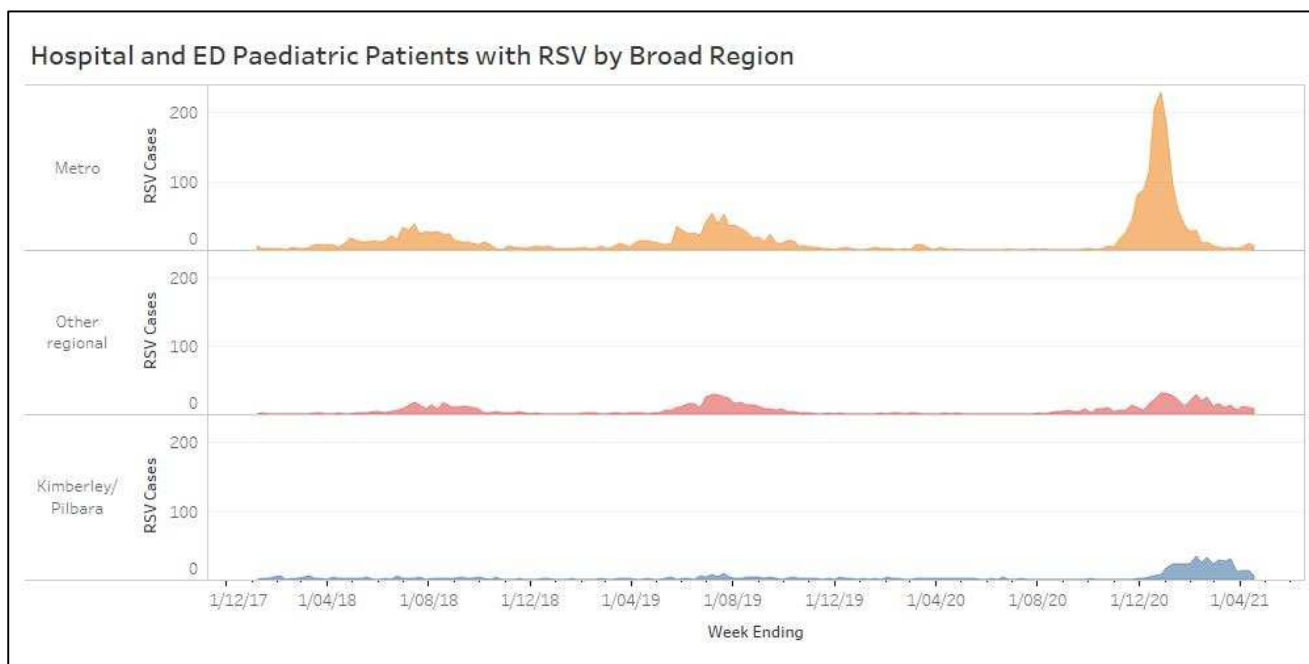
\*\*\*Please note, an abridged version of this report will be circulated whilst influenza activity is low\*\*\*

- There were 17 paediatric cases of RSV this week. Five were from the Metro area and 12 were from regional WA.
- There were no paediatric influenza cases detected at PathWest this week.
- The total number of paediatric cases of COVID-19 detected by PCR at PathWest is 50, as of 20<sup>th</sup> of April.



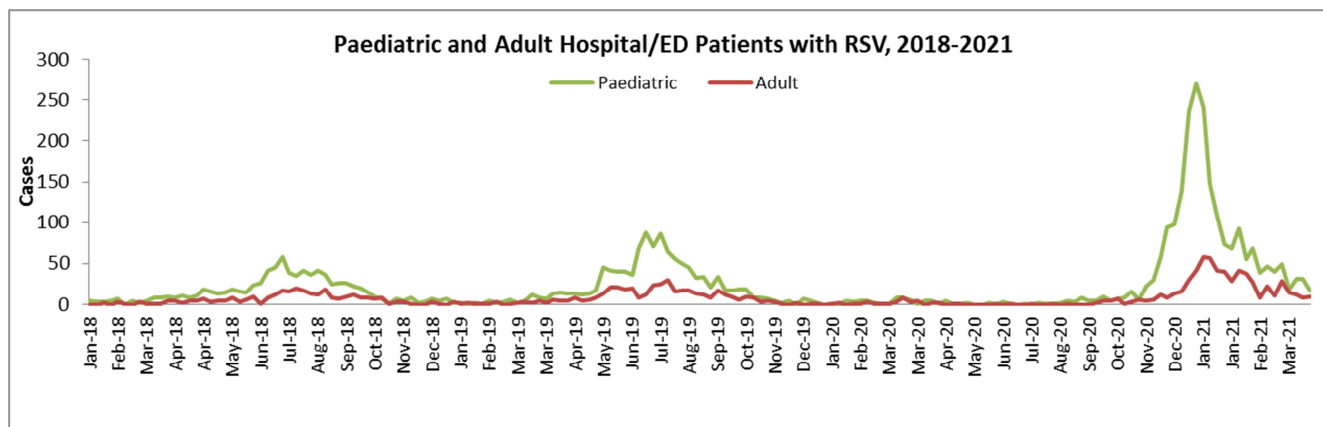
**Figure 1:** The current season plotted against the Paediatric RSV Average Epidemic Curve. The average epidemic curve was constructed by averaging all seasons measured at PathWest QE2 from 2007-2019. The high intensity threshold is 1.645 standard deviations above (upper 90% CI) the average epidemic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

*RSV proportion positive (9.5%) is similar to levels historically observed at this time of year.*



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

*There were 17 paediatric cases of RSV this week. Five were from the metro area, four from the Goldfields, four from the Pilbara, two from the Midwest and one from each of the Kimberley and Wheatbelt.*



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

*There were 17 children and 10 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.