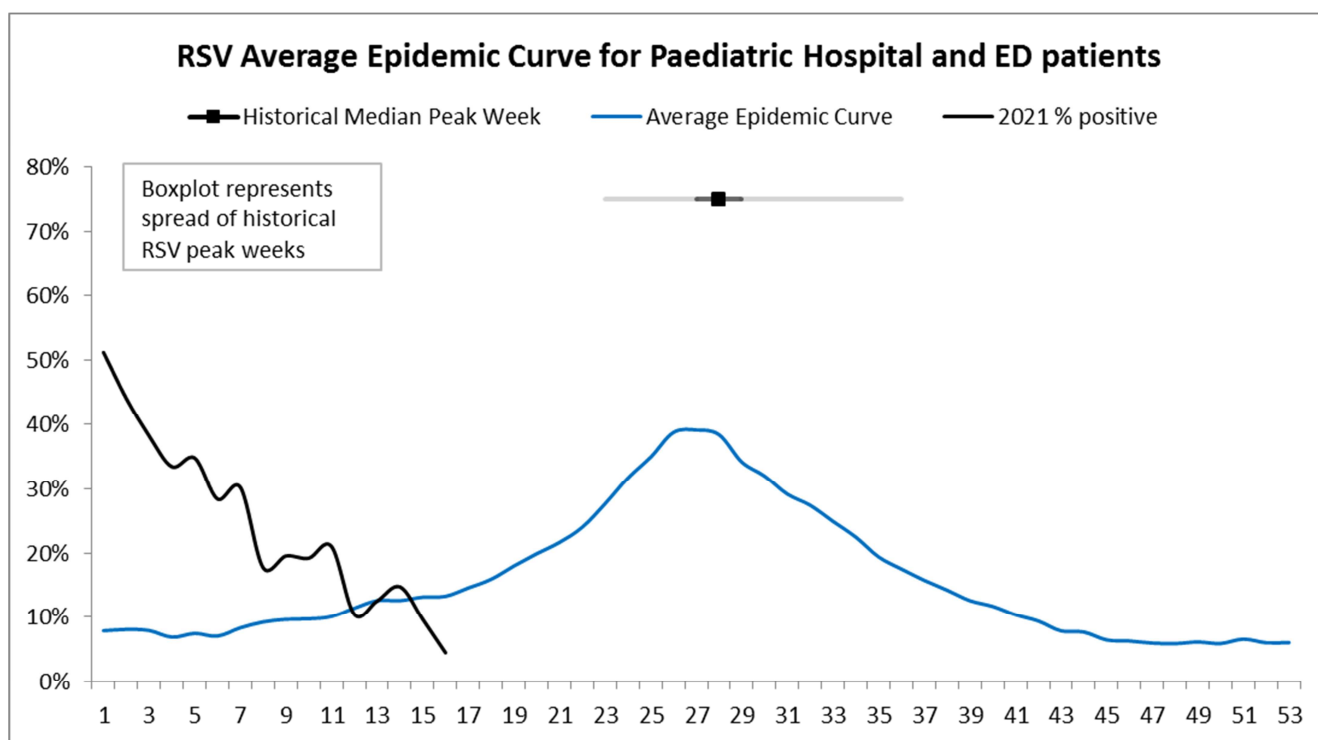


# Paediatric Respiratory Pathogen Report

## Week 16, 19<sup>th</sup> April 2021 – 25<sup>th</sup> April 2021

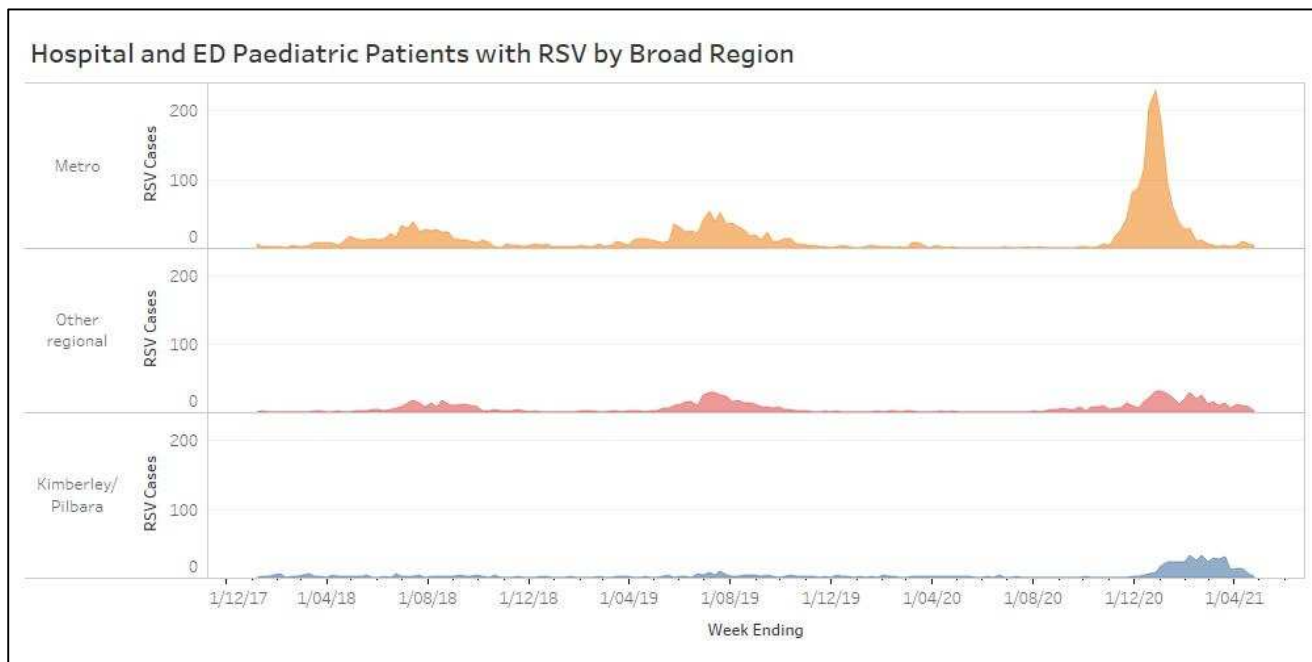
\*\*\*Please note, an abridged version of this report will be circulated whilst influenza activity is low\*\*\*

- There were 7 paediatric cases of RSV this week. Four were from the Metro area and three 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 27<sup>th</sup> of April.



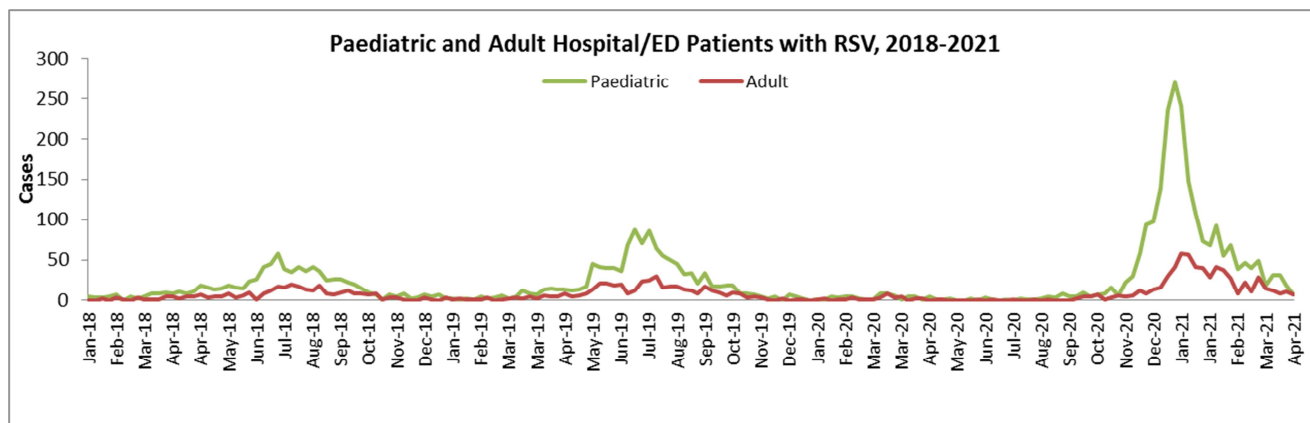
**Figure 1:** The current season plotted against the Paediatric RSV Average Epidemic Curve. The average epidemic curve was constructed by averaging all seasons measured at PathWest QE2 from 2007-2019. The high intensity threshold is 1.645 standard deviations above (upper 90% CI) the average epidemic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

*RSV proportion positive (4.5%) is lower than 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 7 paediatric cases of RSV this week. Four were from the metro area, and there were one from each of the Pilbara, Midwest and Great Southern.*



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

*There were 7 children and 7 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.