

Immunisation Quarterly Update Snapshot - Dec 2020

Key Messages: -

Analysis of the immunisation coverage data¹ of the South Eastern New South Wales Primary Health Network (SENSWPHN) catchment² indicates: -

- As of the Dec 2020 quarter, the overall annualised immunisation figures for all children in the SENSWPHN catchment was higher than NSW state and Australian national averages for all ages. However there are some key scope of improvements that can be identified: -
 - Need to improve rates for children (includes 'Aboriginal'³ children) aged 24-<27 months across the catchment as rates for this group remain the lowest amongst all three reported age groups
 - Rates for Aboriginal children were recorded to be lower than the overall rates for all children for ages of 12-<15 Months
- Comparison of the annualised immunisation coverage figures as of the Dec 2020 quarter reveals that amongst all 31 PHN catchments of Australia, SENSWPHN had: -
 - 12-<15 months age group – 8th highest rates for all children and 12th highest for Aboriginal children
 - 24-<27 months age group – 5th highest rates for all children and 4th highest for Aboriginal children
 - 60-<63 months age group - 8th highest rates for all children and 10th highest for Aboriginal children
- At the level of smaller geographic regions (SA3s)⁴ the annualised immunisation coverage figures in the SENSWPHN catchment as of the Dec 2020 quarter reveal: -
 - 12-<15 months age group - highest rates for the Queanbeyan SA3; lowest rates for the South Coast SA3
 - 24-<27 months age group - highest rates for the Snowy Mountains SA3; lowest rates for the South Coast SA3
 - 60-<63 months age group - highest rates for Snowy Mountains SA3; lowest rates for the South Coast SA3
- Notable findings from the analysis of recent trends of immunisation rates for the SA3 regions include: -
 - Relatively low rates for the South Coast SA3 within the certain age groups

Data and Infographics: -

Annualised immunisation figures - Overall: -

Child Category	PHN / State / Nation	Dec-2020		
		12-<15 Months	24-<27 Months	60-<63 Months
All	South Eastern NSW	95.59	94.31	96.33
	NSW	94.77	92.34	94.90
	AUS	94.85	92.55	95.09
Aboriginal	South Eastern NSW	95.09	94.35	97.73
	NSW	94.90	93.05	97.60
	AUS	93.79	91.43	97.25

Highest and lowest rates as per each age group have been highlighted in green and red fill respectively

Annualised immunisation figures - For all children at smaller geographic level regions (SA3s): -

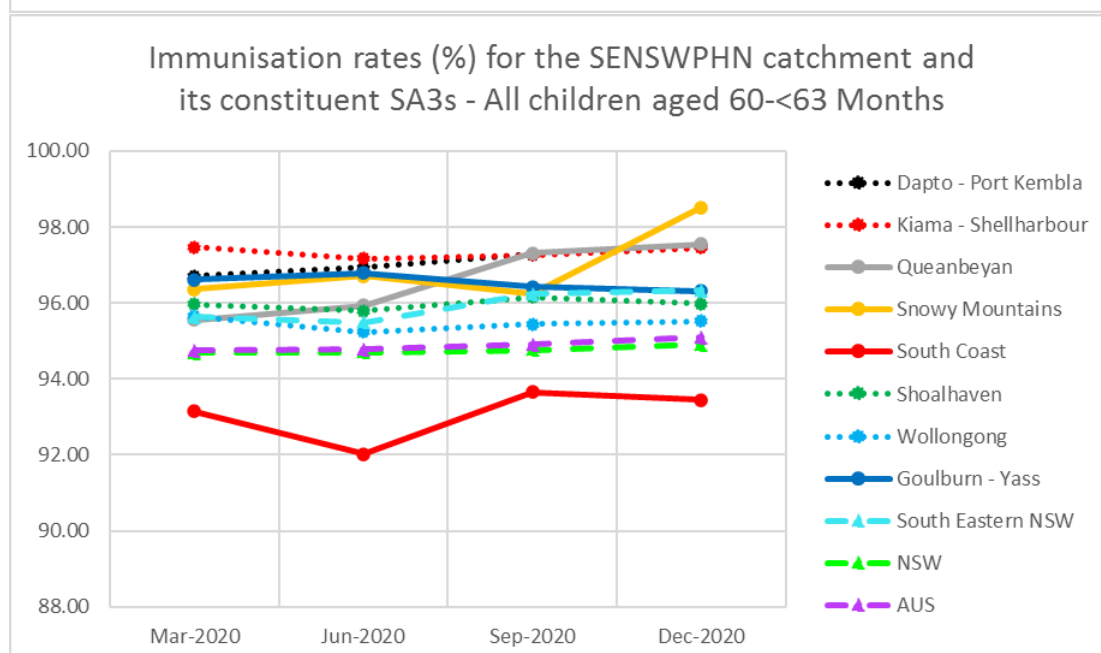
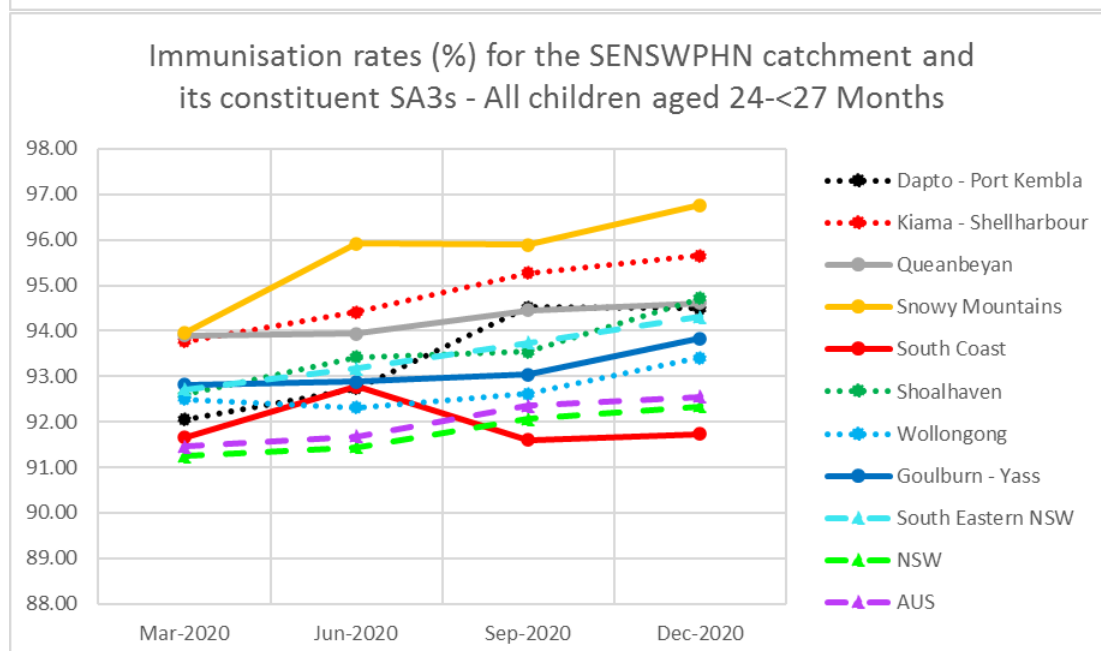
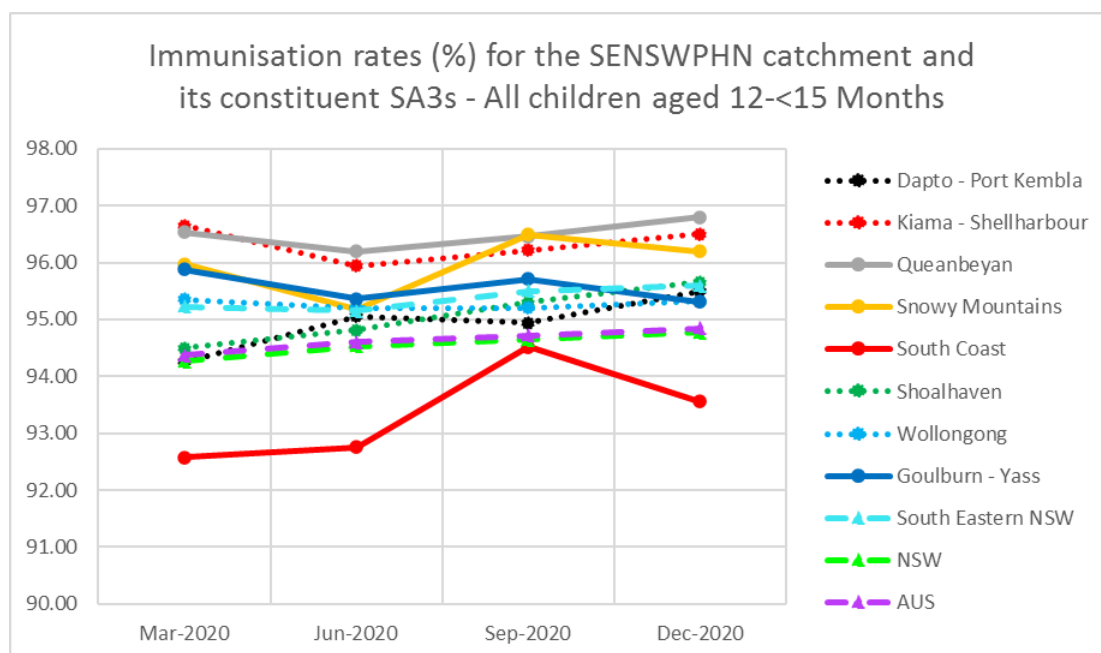
SA3 Name	Dec-2020		
	12-<15 Months	24-<27 Months	60-<63 Months
Dapto - Port Kembla	95.50	94.49	97.48
Jervis Bay	na	na	na
Kiama - Shellharbour	96.50	95.65	97.45
Queanbeyan	96.80	94.62	97.54
Snowy Mountains	96.20	96.76	98.52
South Coast	93.55	91.73	93.45
Shoalhaven	95.66	94.71	95.97
Wollongong	95.32	93.41	95.52
Goulburn - Yass	95.31	93.83	96.31

Areas with highest and lowest rates as per each age group within the SENSWPHN catchment have been highlighted in green and red fill respectively

na: Figures for this age-group for this SA3 were too small to be reported

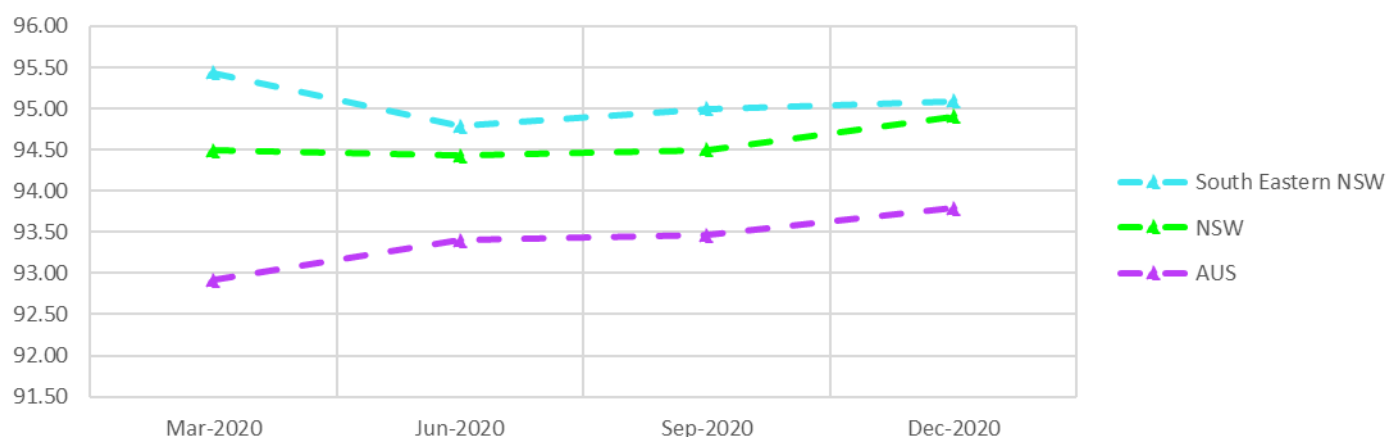
*: Figures for this age-group for this SA3 were based on less than 10 individuals or were unreliable. Results should be interpreted with caution

Recent annualised quarterly trends – all children: -

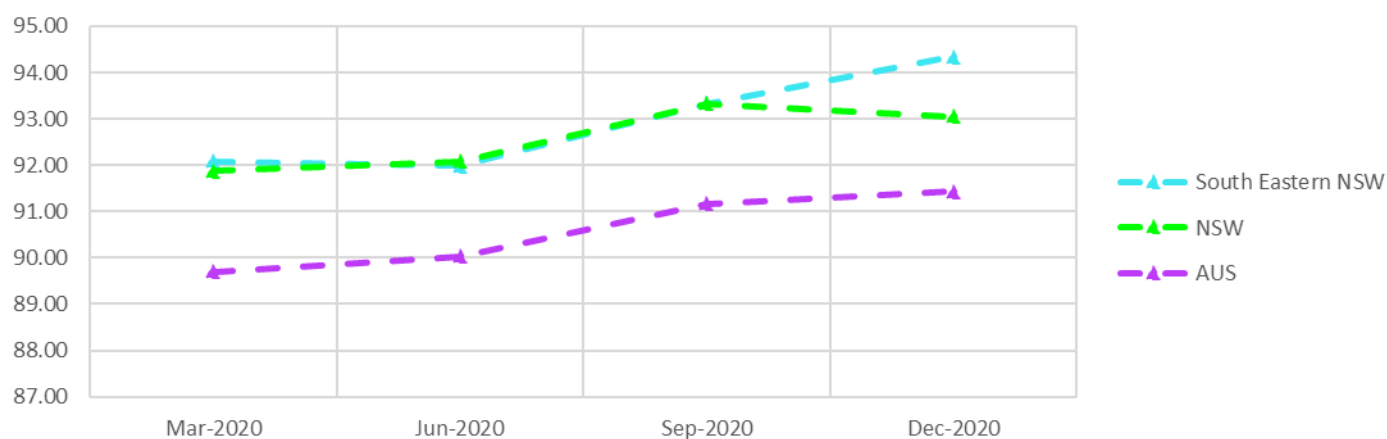


Recent annualised quarterly trends – Aboriginal³ children: -

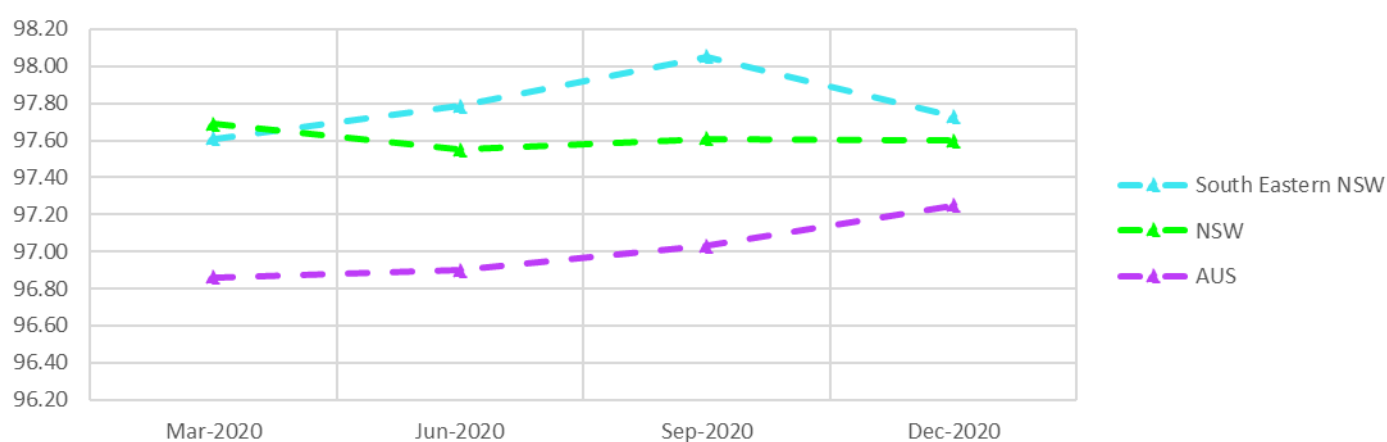
Immunisation rates (%) for the SENSWPHN catchment compared to state and national figures - Aboriginal children aged 12-<15 Months



Immunisation rates (%) for the SENSWPHN catchment compared to state and national figures - Aboriginal children aged 24-<27 Months



Immunisation rates (%) for the SENSWPHN catchment compared to state and national figures - Aboriginal children aged 60-<63 Months



References and Technical Notes: -

This **Population Health Information Snapshot** has been drafted to support the planning and implementation of COORDINARE – South Eastern NSW PHN’s catchment wide priority of *Improving Childhood Immunisation Coverage* and the initiatives/projects that address this priority.

Like most population health deliverables of COORDINARE, this snapshot: -

- ✓ is intended to be brief and precise while being sufficiently comprehensive at the same time,
- ✓ is aimed to be a discussion starter for stakeholder and community consultation of any planning and/or needs assessment process,
- ✓ is also aimed to be the initiator of further research and analysis,
- ✓ is consistent with relevant cell suppression, data aggregation and other health data reporting guidelines to preserve privacy and confidentiality of patient information.

All information presented in this snapshot supplement is based on secondary analysis of data sourced from the Australian Childhood Immunisation Register (ACIR) data attained from the Immunise Australia Program website. Secondary analysis conducted by Abhijeet Ghosh - Population Health Information Manager, COORDINARE – South Eastern NSW PHN.

Readers should read this *References and Technical Notes* section of the report carefully prior to secondary use of any and all information included in it. Secondary use and further reporting of the information contained in this report requires appropriate citation/acknowledgement of this document and its affiliated personnel and organisation. Suggested citation:

Ghosh A, 2021. *Immunisation Quarterly Update Snapshot - Dec 2020*, COORDINARE – South Eastern NSW PHN.

¹ As of the September 2017 quarter, data is presented in this update snapshot is an annualised (rolling four quarters) report. So just as an example the September 2017 snapshot shows the total combined figures for December 2016, March 2017, June 2017 and September 2017 quarters. Snapshots prior to September 2017 show only one quarter of coverage rates

² The COORDINARE – South Eastern NSW PHN (SENSWPHN) figures are reported as per the 2 local health districts (LHDs) included in this catchment, namely the Illawarra Shoalhaven and the Southern NSW LHDs; and the 9 constituent substantial Statistical Area Level 3 regions (SA3s) of the SENSWPHN catchment. The overall SENSWPHN catchment figures are a sum total of its 2 constituent LHDs

³ In this report the term ‘Aboriginal’ respectfully refers to children identified as being Aboriginal and/or Torres Strait Islander

⁴ Statistical Area Level 3 regions (SA3s) have variable proportions of their total population/area within the SENSWPHN catchment. Therefore, SA3 reporting of immunisation rates for the SENSWPHN catchment should be done with due caution. Only SA3s that have a substantial proportion (over 40%) within the SENSWPHN catchment have been included in this report. For further details please see the Geography section in Ghosh A. 2019, *Population Health Profile: South Eastern NSW. COORDINARE - South Eastern NSW PHN*. Available [here](#)