

# Immunisation coverage data sources

## Introduction

Immunisation is a safe and effective way to protect children and adults from infectious diseases and prevent the spread of these diseases among the community. Immunisation coverage data are an important measure to determine the percentage of children, adolescents and adults who have received all age-appropriate vaccines recommended on the National Immunisation Program (NIP) schedule. Australia’s aspirational coverage target of 95% is aimed at preventing the spread of measles and other vaccine-preventable diseases through herd immunity.<sup>1</sup> This document outlines available immunisation data sources which may help in identifying and planning immunisation activities and strategies.

## Data coverage sources (excluding COVID-19 vaccines)

Area	Description	Source/Author
National, states and territories	<a href="#">All children coverage rates for 1, 2 and 5 year olds for the past 12 years</a>	Australian Government Department of Health and Aged Care
	<a href="#">Data tables showing the percentage of all children ‘fully immunised’ at 1, 2 and 5 years of age</a>	Australian Government Department of Health and Aged Care
	<a href="#">Data tables showing the percentage of Aboriginal and Torres Strait Islander children fully immunised’ at 1, 2 and 5 years of age</a>	Australian Government Department of Health and Aged Care
	<a href="#">Historical data tables of children fully immunised at 1, 2, 5 years of age</a> 1999-2018 for 1 and 2 year olds 2005-2018 for 5 year olds	Australian Government Department of Health and Aged Care
National, states and territories	<a href="#">Annual immunisation coverage reports, Australia</a>	NCIRS
National, states and territories	<a href="#">NCIRS publishes national surveillance reports and other reports that focus on vaccine preventable diseases and vaccination coverage in Aboriginal and Torres Strait Islander people.</a>	NCIRS
National, states and territories	<a href="#">AIHW publishes a variety of reports including immunisation rates for children and HPV for adolescents, burden of disease and adult vaccination surveys</a>	AIHW
New South Wales (NSW)	<a href="#">Annual reports on vaccination coverage in NSW</a>	NCIRS
NSW and Local Health Districts	<a href="#">Children in NSW fully immunised by local health district 2022</a>	NSW Health

Area	Description	Source/Author
Queensland	<a href="#">Each quarter, the number and percentage of children fully immunised by Indigenous status (at 1, 2 and 5 years) by Hospital and Health Service (HHS)</a>	Queensland Health
Victoria	<a href="#">DHHS publishes vaccines coverage data, vaccine error data and vaccine cold chain breach data</a>	Department of Health Victoria
PHNs*	<a href="#">Childhood immunisation coverage data from 2015 onwards</a>	Australian Government Department of Health and Aged Care
SA3†	<a href="#">Childhood immunisation coverage data by SA3 by state and territory</a>	Australian Government Department of Health and Aged Care
NSW - SESLHD	<a href="#">Children 'fully immunised' at 1, 2 and 5 years living in the boundaries of SESLHD</a>  <a href="#">School immunisation coverage for students attending school-based vaccination programs within the boundaries of SESLHD</a>	SESLHD

## COVID-19 vaccine coverage data sources

Area	Description	Source/Author
National	<a href="#">Vaccination numbers and statistics</a>  Includes jurisdictional and geographical breakdown by SA3, SA4 and LGA	Australian Government, Department of Health and Aged Care
Australian Capital Territory (ACT)	<a href="#">COVID-19 statistics</a>	ACT Government
NSW	<a href="#">COVID-19 vaccination in NSW: statistics and surveillance</a>	NSW Health
Northern Territory	<a href="#">Vaccination data</a>	Northern Territory Government
Queensland	<a href="#">Queensland COVID-19 statistics</a>	Queensland Health
South Australia	<a href="#">COVID-19 dashboard</a>	South Australia Health
Tasmania	<a href="#">Tasmanian statistics</a>	Tasmanian Government
Victoria	<a href="#">Weekly COVID-19 vaccine data</a>	Victoria Government
Western Australia	<a href="#">COVID-19 Coronavirus: Vaccination dashboard</a>	West Australian Government

Area	Description	Source/Author
International	<a href="#">WHO Coronavirus (COVID-19) Dashboard</a>	World Health Organization

### Abbreviations

NCIRS – National Centre for Immunisation Research and Surveillance

AIHW – Australian Institute of Health and Welfare

DHHS – Department of Health and Human Services

PHN – Primary Health Network

SA3 – Statistical Area 3

SESLHD – South Eastern Sydney Local Health District

\* 31 PHNs were set up across the country by the Australian Government to improve the coordination of health services.

† SA3s are used by the Australian Bureau of Statistics to group data by region. There are 351 SA3s in Australia.

**Disclaimer:** This information has been collated by staff of the PHN Immunisation Support Program (a joint initiative of NCIRS and NPS MedicineWise). Great care is taken to provide accurate information at the time of creation; however, users are responsible for checking the currency of this information. Once printed, this document is no longer quality controlled. Content considered correct as of 6 February 2023.

---

<sup>i</sup> <https://www.health.gov.au/health-topics/immunisation/childhood-immunisation-coverage>