

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.¹ This document outlines available immunisation coverage data sources which may help in identifying and planning immunisation activities and strategies.

Data sources (excluding COVID-19 vaccines)

Area	Description	Source/Author
National, states and territories	All children coverage rates for 1, 2 and 5 year olds for the past 12 years	Australian Government Department of Health and Aged Care
	Data tables showing the percentage of all children 'fully immunised' at 1, 2 and 5 years of age	Australian Government Department of Health and Aged Care
	Data tables showing the percentage of Aboriginal and Torres Strait Islander children fully immunised' at 1, 2 and 5 years of age	Australian Government Department of Health and Aged Care
	Historical data tables of children fully immunised at 1, 2, 5 years of age: <ul style="list-style-type: none"> • 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	Annual immunisation coverage reports, Australia	NCIRS
National, states and territories	NCIRS publishes national surveillance reports and other reports that focus on vaccine preventable diseases and vaccination coverage in Aboriginal and Torres Strait Islander people	NCIRS

¹ <https://www.health.gov.au/health-topics/immunisation/childhood-immunisation-coverage>

Area	Description	Source/Author
National, states and territories	AIHW publishes a variety of reports including immunisation rates for children and HPV for adolescents, burden of disease and adult vaccination surveys	AIHW
New South Wales (NSW)	Annual reports on vaccination coverage in NSW	NCIRS
NSW and Local Health Districts	Children 'fully immunised' at 1 year of age, NSW, by local health district and local government area (annualised to latest quarter) Children 'fully immunised' (1, 2 and 5 years) in NSW 2022 by local health district	NSW Health
Queensland	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)	Queensland Health
Victoria	DHHS publishes vaccines coverage data, vaccine error data and vaccine cold chain breach data	DHHS Victoria
PHNs*	Childhood immunisation coverage data from 2015 onwards	Australian Government, Department of Health and Aged Care
SA3†	Childhood immunisation coverage data by SA3 by state and territory	Australian Government, Department of Health and Aged Care
NSW - SESLHD	Children 'fully immunised' at 1, 2 and 5 years living in the boundaries of SESLHD School immunisation coverage for students attending school-based vaccination programs within the boundaries of SESLHD	SESLHD

COVID-19 vaccine coverage data sources

Area	Description	Source/Author
National	Vaccination numbers and statistics Includes jurisdictional and geographical breakdown by SA3, SA4 and LGA	Australian Government Department of Health and Aged Care
Australian Capital Territory (ACT)	COVID-19 statistics	ACT Government
NSW	COVID-19 vaccination in NSW: statistics and surveillance	NSW Health

Area	Description	Source/Author
Northern Territory	Vaccination data	Northern Territory Government
Queensland	Queensland COVID-19 statistics	Queensland Health
South Australia	COVID-19 dashboard	South Australia Health
Tasmania	Tasmanian statistics	Tasmanian Government
Victoria	Weekly COVID-19 vaccine data	Victorian Government
Western Australia	COVID-19 Coronavirus: Vaccination dashboard	Western Australian Government
International	WHO Coronavirus (COVID-19) Dashboard	World Health Organization

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 Networks

SA3 – Statistical Areas 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 (an NCIRS initiative). 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 20 October 2022.