



The Australian Immunisation Register

National due and overdue rules for immunisation

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The Australian Immunisation Register

The Australian Immunisation Register (AIR) is a national register that records vaccinations given to people of all ages, including all National Immunisation Program (NIP) vaccines, vaccines given under state/territory school immunisation programs, travel vaccines and flu vaccines.

AIR data is used:

- to monitor vaccination coverage across Australia and the effectiveness of vaccines and vaccination programs
- to identify any parts of Australia at risk during disease outbreaks
- for immunisation policy and research
- for eligibility for some family assistance payments
- for entry to child care and school
- for proof of vaccination for employment or travel purposes

The National Immunisation Program

The National Immunisation Program (NIP) provides free vaccines to eligible people to help reduce vaccine preventable diseases.

The NIP Schedule is a series of immunisations given at specific times throughout your life. The immunisations range from birth through to adulthood. All vaccines listed in the NIP Schedule are free. The NIP Schedule shows which vaccines should be given when and is available from the [Department of Health website](#).

The Australian Immunisation Handbook

The Australian Immunisation Handbook (the Handbook) includes clinical information on the safest and most effective use of vaccines, new vaccines and vaccine-preventable diseases, including minimum age requirements and the required interval between successive doses of an antigen.

Always use the Handbook as a guide to decision making about immunisations. It is available on the [Department of Health website](#).

Determining an individual's immunisation status on the AIR

Immunisation status is determined at antigen level in a process that calculates the specific diseases each individual must be vaccinated against, as outlined in the NIP Schedule. The assessment determines if an individual is 'not due', 'due' or 'overdue' at a point in time according to their date of birth and immunisation information recorded on the AIR.

The AIR considers all components of vaccines against the same disease equivalent regardless of the vaccine brand. For example, diphtheria, tetanus or pertussis components are in Infanrix and Tripacel.

A dose is not due or overdue when a higher dose has been given. For example, dose one is not due or overdue if dose two has been given.

Example:

A child is 3 months of age and the AIR has received information that Dose 1 of Infanrix hexa, Dose 1 of Prevenar 13 and Dose 1 of Rotarix on the 2 month age schedule have been given. For the 2 month schedule, this child is assessed as 'not due' for immunisation as they have received all vaccines. For the 4 month schedule, the child is 'due' for immunisation 2 months after the date of Dose 1, and 'overdue' three months after the date of Dose 1.

AIR National Due and Overdue Rules

Diphtheria

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
Dose 3	2 months after Dose 2	3 months after Dose 2	
Dose 4 There must be an interval of at least 6 months between Dose 3 and Dose 4	18 months of age	19 months of age	If Dose 3 was given before 12 months of age
	6 months after Dose 3	7 months after Dose 3	If Dose 3 was given at or after 12 months of age and before 10 years of age
	Not due	Not overdue	If Doses 1-3 were given and the individual is 10 years of age or older.
Dose 5 There must be an interval of at least 6 months between Dose 4 and Dose 5	4 years of age	4 years and 1 month of age	If Dose 4 was given before 3 years and 6 months of age
	Not due	Not overdue	If Dose 4 was given at or after 3 years and 6 months of age
	Not due	Not overdue	If 3 doses were given and the individual is 10 years of age or older

Haemophilus influenzae type b (Hib)

Hib pathway A

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
	Not due	Not overdue	If Dose 1 was given at or after 15 months of age
Dose 3	2 months after Dose 2	3 months after Dose 2	
	Not due	Not overdue	If Dose 1 was given at or after 12 months of age OR Dose 2 was given at or after 15 months of age
Dose 4 There must be an interval of at least 2 months between Dose 3 and Dose 4 Dose 4 must not be given before 11 months of age.	18 months of age	19 months of age	
	Not due	Not overdue	If Dose 1 was given at or after 7 months of age OR If Dose 2 or Dose 3 was given at or after 15 months of age

Hib pathway B

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
	Not due	Not overdue	If Dose 1 was given at or after 15 months of age
Dose 3 There must be an interval of at least 2 months between Dose 2 and Dose 3 Dose 3 must not be given before 11 months of age.	18 months of age	19 months of age	
	Not due	Not overdue	If Dose 1 was given at or after 12 months of age OR If Dose 2 was given at or after 15 months of age

Hepatitis B

Dose	Due	Overdue	Condition
Birth dose (Dose B)	Birth doses can only be given when the child is 0 to 7 days of age. Birth doses given between 8 days to 1 month of age will be recorded on the AIR as a Dose 1 given early.		
Dose 1	2 months of age	3 months of age	
Dose 2 There must be an interval of at least 4 months between Dose B and Dose 2 (if Dose B has been given)	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
	4 months after Dose 1	4 months after Dose 1	If Dose 1 was given at or after 11 years of age
Dose 3 There must be an interval of at least 4 months between Dose 1 and Dose 3 (if Dose B has not been given)	6 months of age OR 2 months after Dose 2, whichever is later	6 months of age OR 2 months after Dose 2, whichever is later	
	Not due	Not overdue	If Dose B, Dose 1 and Dose 2 have been given OR If any dose was given after 11 years of age

Human papillomavirus (HPV)

Dose	Due	Overdue	Condition
Dose 1	14 years of age	14.5 years of age	
Dose 2	6 months after Dose 1	13 months after Dose 1	If Dose 1 is given before 15 years of age
	2 months after Dose 1	3 months after Dose 2	If Dose 1 is given at or after 15 years of age
Dose 3	4 months after Dose 2	5 months after Dose 2	If Dose 2 was given less than 5 months after Dose 1
	4 months after Dose 2	5 months after Dose 2	If Dose 1 was given at or after 15 years of age
	Not due	Not overdue	If Dose 1 was given before 15 years of age AND Dose 2 was given at least 5 months after Dose 1

Measles

Dose	Due	Overdue	Condition
Dose 1	12 months of age	13 months of age	
Dose 2	18 months of age OR 1 month after Dose 1, whichever is later	19 months of age OR 2 months after Dose 1, whichever is later	If Dose 1 was given after 11 months of age
	12 months of age	13 months of age	If Dose 1 was given before 11 months of age
Dose 3	18 months of age OR 1 month after Dose 2, whichever is later	19 months of age OR 2 months after Dose 2, whichever is later	If Dose 1 was given before 11 months of age
	Not due	Not overdue	If Dose 1 was given at or after 11 months of age

Meningococcal C/ACWY

Dose	Due	Overdue	Condition
Dose 1	12 months of age	13 months of age	
Dose 2	12 months of age OR 2 months after Dose 1, whichever is later	13 months of age OR 3 months after Dose 1, whichever is later	If Dose 1 was given before 11 months of age
	Not due	Not overdue	If Dose 1 was given at or after 11 months of age
Dose 3	12 months of age OR 2 months after Dose 2, whichever is later	13 months of age OR 3 months after Dose 2, whichever is later	If Dose 1 and Dose 2 were given before 11 months of age
	Not due	Not overdue	If Dose 1 or Dose 2 was given at or after 11 months of age
Adolescent dose	16.5 years of age	17 years of age	If a dose of Meningococcal ACWY has not been given at or after 14 years of age
	Not due	Not overdue	If a dose of Meningococcal ACWY was given at or after 14 years of age

Note: Childhood doses are not due or overdue if a dose of Meningococcal ACWY was given at or after 14 years of age.

Mumps

Dose	Due	Overdue	Condition
Dose 1	12 months of age	13 months of age	
Dose 2	12 months of age	13 months of age	If Dose 1 was given before 11 months of age
	18 months of age OR 1 month after Dose 1, whichever is later	19 months of age OR 2 months after Dose 1, whichever is later	If Dose 1 was given after 11 months of age
Dose 3	18 months of age OR 1 month after Dose 2, whichever is later	19 months of age OR 2 months after Dose 2, whichever is later	If Dose 1 was given before 11 months of age
	Not due	Not overdue	If Dose 1 was given at or after 11 months of age

Pertussis

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
	Not due	Not overdue	If Dose 1 was given after at or 10 years of age
Dose 3	2 months after Dose 2	3 months after Dose 2	
	Not due	Not overdue	If any dose was given at or after 10 years of age
Dose 4 There must be an interval of at least 6 months between Dose 3 and Dose 4	18 months of age	19 months of age	If Dose 3 was given before 12 months of age
	6 months after Dose 3	7 months after Dose 3	If Dose 3 was given at or after 12 months of age and before 10 years of age
	Not due	Not overdue	If any dose was given at or after 10 years of age
Dose 5 There must be an interval of at least 6 months between Dose 4 and Dose 5	4 years of age	4 years and 1 month of age	Dose 4 was given before 3 years and 6 months of age
	Not due	Not overdue	Dose 4 was given at or after 3 years and 6 months of age OR If any dose was given after 10 years of age

Pneumococcal

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
	Not due	Not overdue	If the individual is 2 years of age or older
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
	Not due	Not overdue	If Dose 1 was given at or after 12 months of age OR If the individual is 2 years of age or older
Dose 3	12 months of age or 2 months after Dose 2, whichever is later	13 months of age or 3 months after Dose 2, whichever is later	If Dose 1 was given before 7 months of age and Dose 2 was given before 12 months of age
	Not due	Not overdue	If Dose 1 was given at or after 7 months of age OR If Dose 2 was given at or after 12 months of age OR If the individual is 2 years of age or older

Pneumococcal polysaccharide

Dose	Due	Overdue	Notes
Dose 1	65 years of age	65 years and 1 month of age	
Dose 2	65 years of age	65 years and 1 month of age	If Dose 1 was given before 15 years of age
	Not due	Not overdue	If Dose 1 was given at or after 15 years of age
Dose 3	65 years of age	65 years and 1 month of age	If Dose 2 was given before 15 years of age
	Not due	Not overdue	If Dose 2 was given at or after 15 years of age

Poliomyelitis

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
Dose 3	2 months after Dose 2	3 months after Dose 2	
Dose 4	4 years of age	4 years and 1 month	If Dose 3 was given before 3 years and 6 months of age
	6 months after Dose 3	7 months after Dose 3	If Dose 3 was given between 3 years and 6 months of age and 4 years of age
	Not due	Not overdue	If Dose 3 was given at or after 4 years of age OR If 3 doses have been given and the individual is 10 years of age or older

Rotavirus

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
	Not due	Not overdue	If Dose 1 has not been given by 14 weeks of age
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
	Not due	Not overdue	If Dose 1 was given after 20 weeks of age OR If the individual is 24 weeks of age or older

Rubella

Dose	Due	Overdue	Condition
Dose 1	12 months of age	13 months of age	
Dose 2	18 months of age OR 1 month after Dose 1, whichever is later	19 months of age OR 2 month after Dose 1, whichever is later	If Dose 1 was given at or after 11 months of age
	12 months of age	13 months of age	If Dose 1 was given before 11 months of age
Dose 3	18 months of age OR 1 month after Dose 2, whichever is later	19 months of age OR 2 month after Dose 2, whichever is later	If Dose 1 was given before 11 months of age
	Not due	Not overdue	If Dose 1 was given at or after 11 months of age

Tetanus

Dose	Due	Overdue	Condition
Dose 1	2 months of age	3 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 2 months of age
	4 months of age	5 months of age	If Dose 1 was given before 2 months of age
Dose 3	2 months after Dose 2	3 months after Dose 2	
Dose 4 There must be an interval of at least 6 months between Dose 3 and Dose 4	18 months of age	19 months of age	If Dose 3 was given before 12 months of age
	6 months after Dose 3	7 months after Dose 3	If Dose 3 was given at or after 12 months of age and before 10 years of age
	Not due	Not overdue	If 3 doses have been given and the individual is 10 years of age or older
Dose 5 There must be an interval of at least 6 months between Dose 4 and Dose 5	4 years of age	4 years and 1 month of age	Dose 4 was given before 3 years and 6 months of age
	Not due	Not overdue	Dose 4 was given at or after 3 years and 6 months of age OR If 3 doses have been given and the individual is 10 years of age or older

Varicella

Dose	Due	Overdue	Notes
Dose 1	18 months of age	19 months of age	
Dose 2	2 months after Dose 1	3 months after Dose 1	If Dose 1 was given at or after 14 years of age
	Not due	Not overdue	If Dose 1 was given before 14 years of age

Zoster (shingles)

Dose	Due	Overdue	Notes
Dose 1	70 years of age	70 years and 1 month	