A tasting plate

Data quality and tips to using the Australian Immunisation Register

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NCIRS
National Centre for Immunisation Research and Surveillance

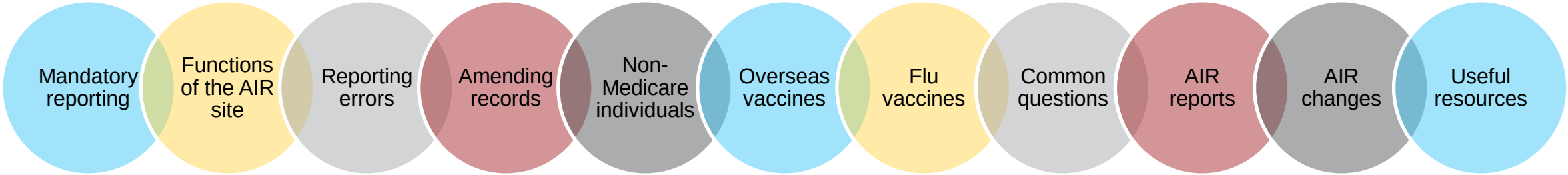
Acknowledgement of Country

‘Protect your mob – get vaccinated’

Samantha Williams (1988–2023; *vale*),
Wiradjuri woman from Narrandera, NSW

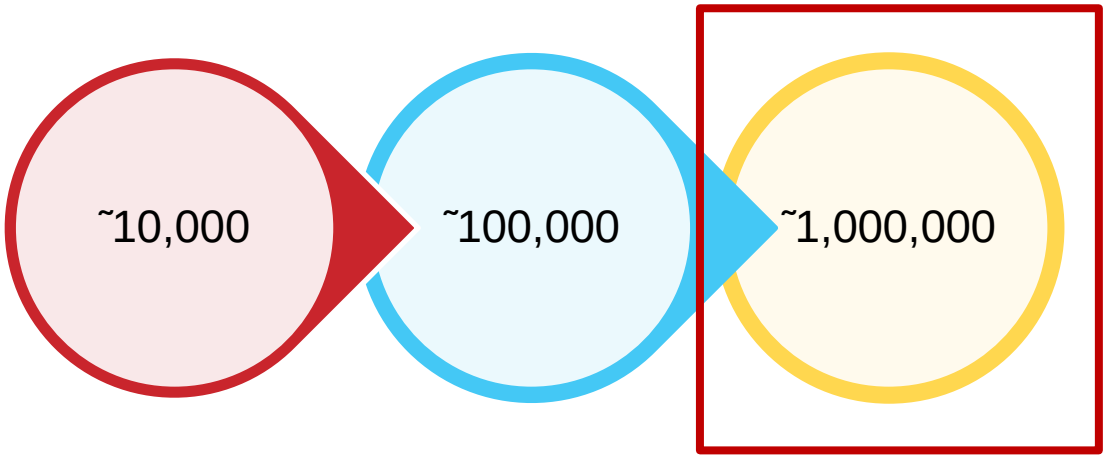
The artwork’s design represents our communities in the centre, from our home to the wider community. The symbols around the circle represent the people, both men and women – this could be anyone from mothers to fathers to gran. It is our responsibility to keep our mob healthy. We need to educate our younger generation and communities about the importance of immunisations and how they keep us protected. The lines going out from the circle represent our journeys, jobs and relocation and the impacts we have made along the way. Many Aboriginal and Torres Strait Islander families may relocate from one community to another. We have mob all over – but no matter where we go, the story is the same: we need to protect our mob. So the smaller circles represent herd immunity across our communities, and the people that this has an impact on – our elders, our babies and our people who cannot be immunised.

Topics

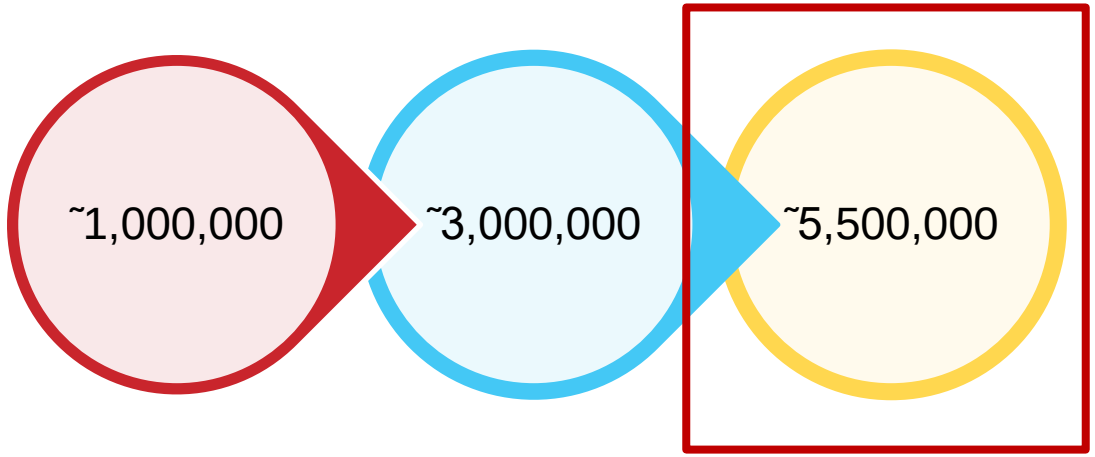

Mandatory reporting
Functions of the AIR site
Reporting errors
Amending records
Non-Medicare individuals
Overseas vaccines
Flu vaccines
Common questions
AIR reports
AIR changes
Useful resources

How many records get sent to the AIR every month?

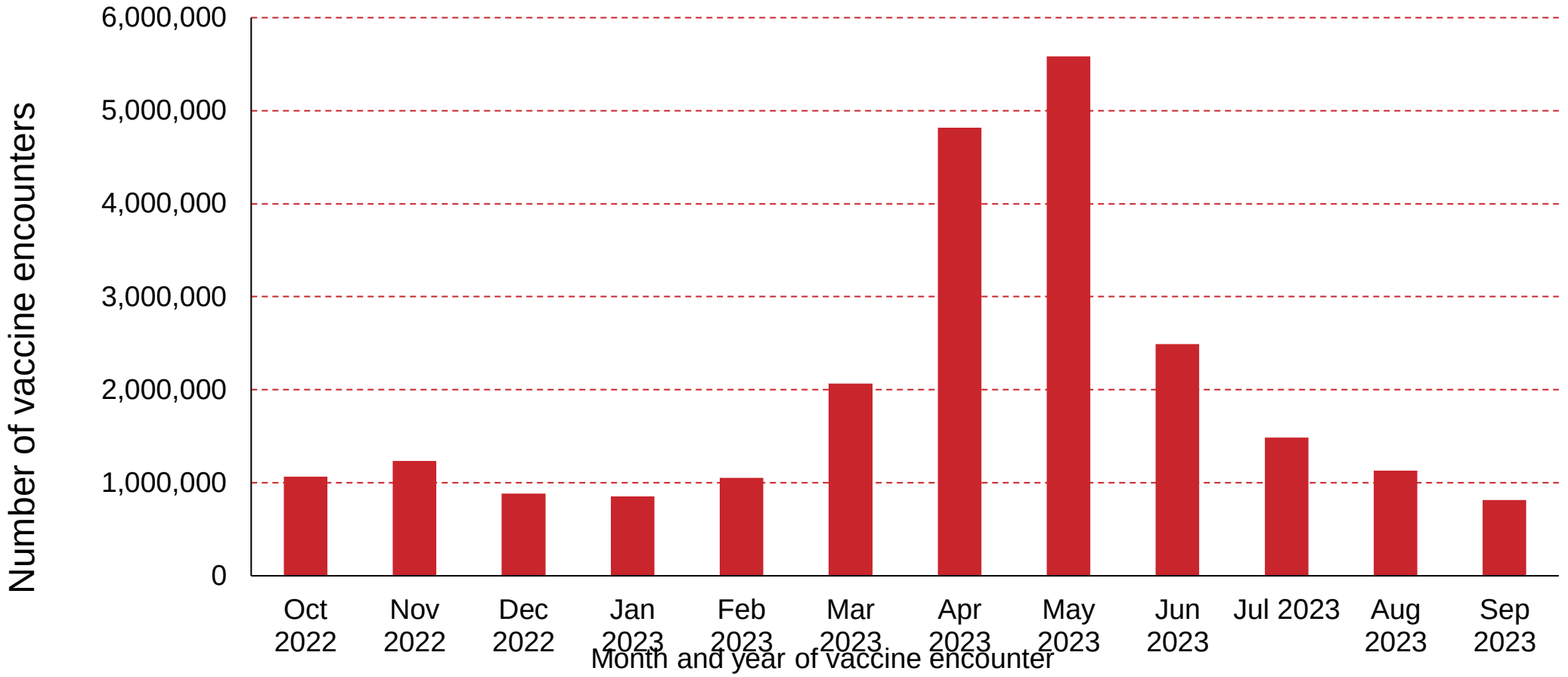
Outside of flu season – October?

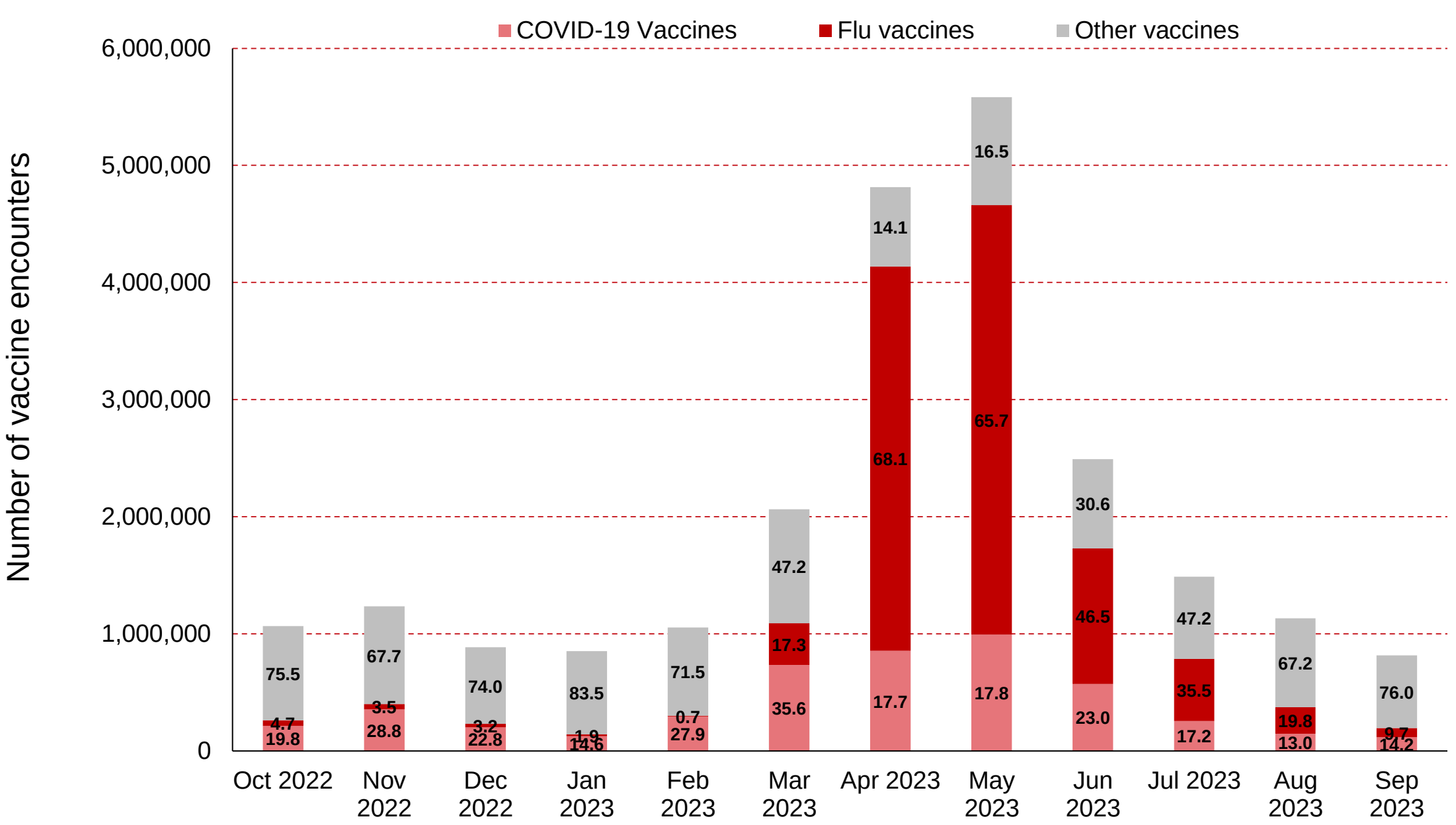


In peak flu season – May?

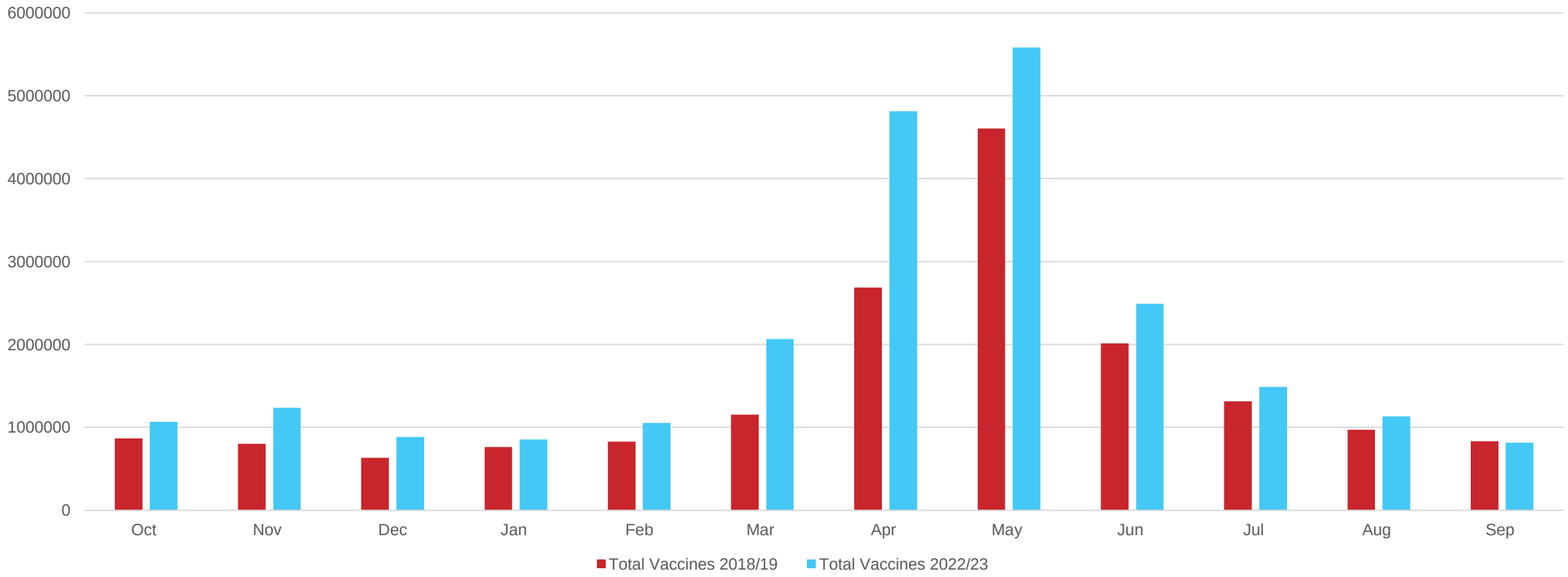


Number of vaccine encounters reported to the AIR
October 2022 – September 2023




COVID-19 Vaccines
Flu vaccines
Other vaccines
Number of vaccine encounters
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
Oct 2022
Nov 2022
Dec 2022
Jan 2023
Feb 2023
Mar 2023
Apr 2023
May 2023
Jun 2023
Jul 2023
Aug 2023
Sep 2023
75.5
4.7
19.8
67.7
3.5
28.8
74.0
3.2
22.8
83.5
1.9
14.6
71.5
0.7
27.9
47.2
17.3
35.6
14.1
68.1
17.7
16.5
65.7
17.8
30.6
46.5
23.0
47.2
35.5
17.2
67.2
19.8
13.0
76.0
9.7
14.2

Total vaccines 2018/19 compared to 2022/23



Mandatory reporting under the AIR rule

Vaccines

- NIP
- COVID-19
- Influenza
- Japanese encephalitis

Provider details

- Provider number
- Name
- Contact details

Personal information

- Medicare number (if available)
- Name
- Contact details
- DOB
- Gender
- Indigenous status

Vaccine information

- Brand name
- Dose number
- Batch number
- Date of administration
- Country of administration (COVID-19 vaccines only)

What can you do on the AIR site?

- Identify an individual
- Record a vaccination encounter
- Update a vaccination encounter
- Record a planned catch-up date
- Record a medical exemption and view history
- Record a natural immunity and view history
- Record/remove an Additional Vaccine Required (AVR) indicator
- Record an indigenous status indicator
- View an individual's immunisation history
- View/print an individual's immunisation history statement
- View an individual's vaccine trial history

Common vaccination reporting errors

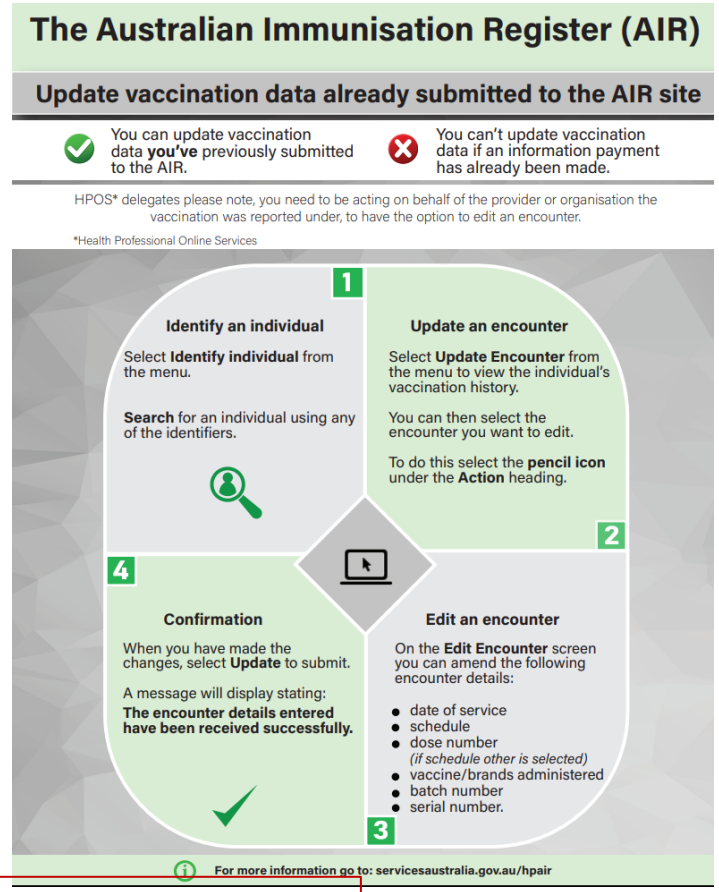
Software automatically pre-populating vaccine brand	Incorrect Individual Reference Number (IRN)	Wrong vaccine reported for certain age groups	Wrong vaccine due to naming conventions
• Ask your vendor to disable this function • Check the vaccine name when recording	• Sight the persons Medicare card • Check the IRN when entering	• Check Handbook • ATAGI guidance • Seek advice from PHU	• FluadQuad and FluQuadri • Boostrix and Boostrix IPV • Vaxelis and Varilrix and Varivax • Infanrix and Infanrix IPV • COVID-19 vaccines

Amending an incorrectly recorded vaccination

Have you made an error recording an encounter?

- Use the AIR site or your software to edit
- Identify individual and select update encounters using the pencil icon

- Don’t send another encounter
- Deleting the encounter in your software does not delete in AIR



- HPOS delegates: you need to be acting on behalf of the provider or organisation that the vaccination was reported to edit the encounter
- You can’t edit the encounter if the information payment has been made - contact AIR

How to report vaccinations for newborns not yet registered with Medicare

Infants who are not yet registered can have their vaccine encounters on AIR

- Search the AIR for existing record
  - Search mother's and father's surname
- Record encounter or create record
- If the baby has not been named use 'baby of' and mother's surname

e.g. Baby of Jones

- New matching records introduced
- AIR helpdesk review a monthly report of 'Baby of records'
- Need a 'Baby of' record merged? Contact AIR

Recording information for a non-Medicare individual

All vaccines for non-Medicare individuals can be reported to AIR

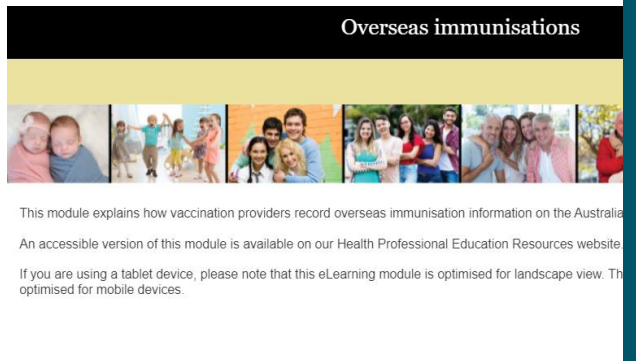
- Check AIR if a record exists
  - Add the postcode in the search
  - Use the IHI number
- Record encounter or create record
- Seek advice from your software provider
  - MD does not transfer records for non-Medicare cardholders – use the AIR site
- Individuals can use their IHI to access an IHS

An immunisation encounter must be recorded order to create a new record

Recording vaccines administered overseas

Vaccines given overseas can be recorded on AIR

- Evidence must be in English
- Translating services are available
- Select ‘other’ from vaccine drop down list on AIR site
- Include batch number (‘notrecorded’)



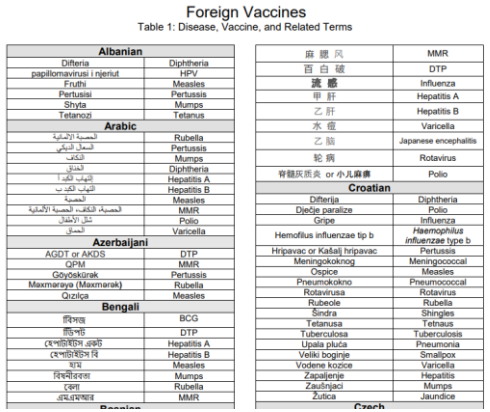

Foreign Vaccines

Table 1: Disease, Vaccine, and Related Terms

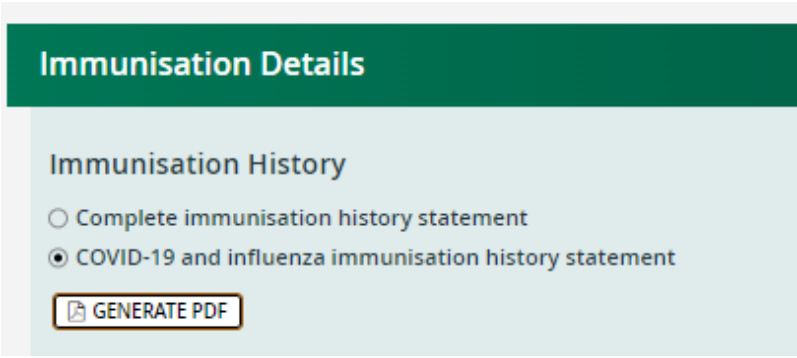
Albanian	
Difteria	Diphtheria
papillomavirusi i njeriut	HPV
Fruthi	Measles
Pertusisi	Pertussis
Shyta	Mumps
Tetanozi	Tetanus
Arabic	
الحصبة الألمانية	Rubella
السعال الديكي	Pertussis
النكاف	Mumps
الخناق	Diphtheria
التهاب الكبد أ	Hepatitis A
التهاب الكبد ب	Hepatitis B
الحصبة	Measles
الحصبة، النكاف، الحصبة الألمانية	MMR
شلل الأطفال	Polio
الجدري	Varicella
Azerbaijani	
AQDT or AKDS	DTP
QPM	MMR
Göyöskürək	Pertussis
Maxmarəyə (Maxmarək)	Rubella
Qızılca	Measles
Bengali	
বিসিজি	BCG
ডিপিটি	DTP
হেপাটাইটিস একটি	Hepatitis A
হেপাটাইটিস বি	Hepatitis B
হাম	Measles
বিষমীরবলা	Mumps
রুবেলা	Rubella
এমএমআর	MMR

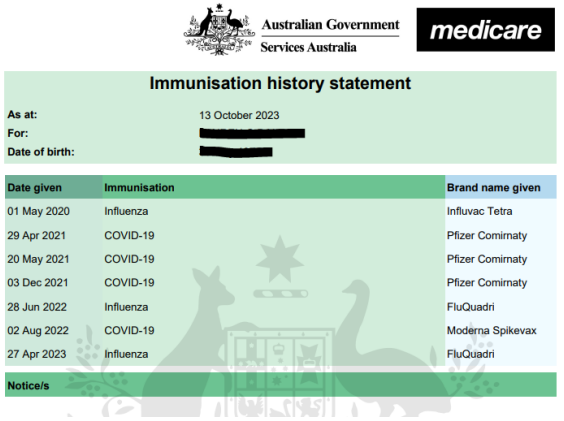
麻 腮 风	MMR
百 白 破	DTP
流 感	Influenza
甲 肝	Hepatitis A
乙 肝	Hepatitis B
水 痘	Varicella
乙 脑	Japanese encephalitis
轮 病	Rotavirus
脊髓灰质炎 or 小儿麻痹	Polio
Croatian	
Difterija	Diphtheria
Dječje paralize	Polio
Gripe	Influenza
Hemofilus influenzae tip b	*Haemophilus influenzae* type b
Hripavac or Kašalj hripavac	Pertussis
Meningokoknog	Meningococcal
Ospice	Measles
Pneumokokno	Pneumococcal
Rotavirusa	Rotavirus
Rubeole	Rubella
Šindra	Shingles
Tetanusa	Tetanus
Tuberculosa	Tuberculosis
Upala pluća	Pneumonia
Veliki boginje	Smallpox
Vodene kozice	Varicella
Zapaljenje	Hepatitis
Zaušnjaci	Mumps
Žutica	Jaundice
Czech	

Which flu vaccine?

Administer the right vaccine for the right age

Vaccine / Registered age group	Vaxigrip Tetra 0.5 mL (Sanofi)	Fluarix Tetra 0.5 mL (GSK)	Afluria Quad 0.5 mL (Seqirus)	FluQuadri 0.5 mL (Sanofi)	Influvac Tetra 0.5 mL (Viatris)	Flucelvax Quad 0.5 mL (Seqirus)	Fluad Quad 0.5 mL (Seqirus)	Fluzone High-Dose Quad 0.7 mL (Sanofi)
6 to 24 months (<2 years)	✓	✓	X	✓	✓	X	X	X
≥2 to <5 years	✓	✓	X	✓	✓	✓	X	X
≥5 to <60 years	✓*	✓*	✓*	✓	✓	✓	X	X
≥60 to <65 years	✓*	✓*	✓*	✓	✓	✓	X	✓
≥65 years	✓	✓	✓	✓	✓	✓	✓	✓





- Record the vaccine that was administered, vaccine code and batch number
- Incorrect vaccine reported by age will require clarification

The influenza and COVID-19 immunisation history statement is now available

Common questions

Catch-up schedules

- Complete schedule within 6 months
- Only record for people who intend to be caught up
- Can be recorded on software if your software has this function

Medical exemptions (IM011)

- Only eligible doctors can record exemptions
- Medical exemptions:
  - Temporary or permanent (COVID-19 maximum 6 months)
- Natural immunity

Patients with multiple Medicare cards

- 2 or more Medicare cards = 1 AIR record

Indigenous status

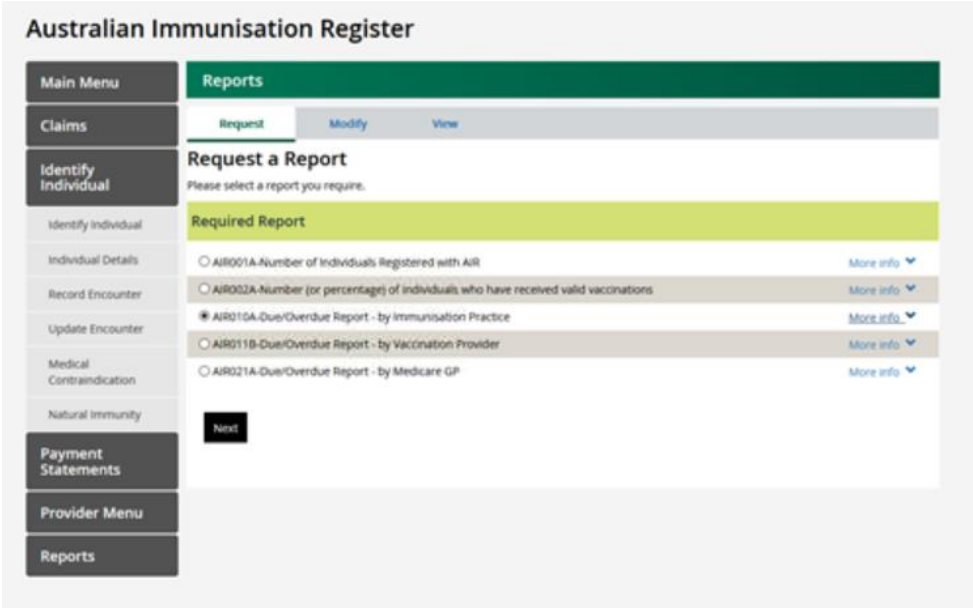
- AIR will reflect what is recorded in Medicare
- Providers can select Indigenous status on AIR if the individual chooses to have this recorded on AIR

How can a provider identify overdue patients?

Do you get phone calls from families about children being overdue for vaccinations?

Do you want to identify patients who are overdue for a certain vaccination e.g. MMR

- AIR has reports available to identify individuals overdue (10A, 11B, 11A, 42A)
- Request reports based on different ages and different antigens



- Check the Indigenous status to identify additional vaccines funded e.g. Men B
- Review pending vaccines to improve the data
- Follow-up those that are overdue
- Consider a QI PIP activity using the 10A report

Following up patients for COVID-19 vaccinations

Do you want to identify patients who may be due for an additional dose of a COVID-19 vaccine?

AIR 42A report – COVID-19 vaccination report

- Provides COVID-19 history for individuals
- Variety of output options, including:
  - Number of doses received (included zero doses)
  - Number of doses in a timeframe

eLearning

Simulation

Coming soon in 2023

- HPV overdue letters (14.5, 17, 18, 21, 24 years)
- New due and overdue rules for Meningococcal B for First Nations children under 2 years
- Updated Shingrix due and overdue rules, and letters to eligible individuals
- Addition of Prevenar 20 (pneumococcal vaccine) and Verorab (rabies vaccine)
- COVID-19 and influenza IHS can be added to digital wallet

eLearning modules and infographics – Accessing the AIR

eLearning

Register as a vaccination provider

This module shows you how to register as an Australian Immunisation Register (AIR) vaccination provider.

Updated

Accessing the Australian Immunisation Register

This module shows you how to access the Australian Immunisation Register (AIR) site.

Log into the AIR using HPOS

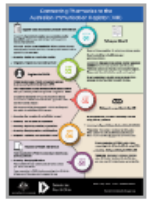
This module will demonstrate how to log into the Australian Immunisation Register (AIR) through Health Professional Online Services (HPOS) by provider type.

Registering an organisation in PRODA to access the AIR

This module will demonstrate how to register an organisation in Provider Digital Access to enable you to access the Australian Immunisation Register (AIR).

Infographics

Register as a vaccination provider



Connecting Pharmacies to the Australian Immunisation Register (AIR)

Accessing the AIR site

Accessing the AIR site as a member of a pharmacy, organisation or as an Authorised Nurse Immuniser

Add and link HPOS in PRODA to access the AIR

Add members to an organisation in PRODA and delegate access to the AIR site

https://hpe.servicesaustralia.gov.au/AIR_access.html

eLearning modules and infographics – Submitting to the AIR

eLearning

Updated

Submitting information to the Australian Immunisation Register (AIR)

This module explains how vaccination providers submit immunisation information on the Australian Immunisation Register (AIR) site.

Overseas immunisations

This module explains how vaccination providers submit overseas immunisation information on the Australian Immunisation Register (AIR) site.

Immunisation medical exemptions

This module explains how to submit an immunisation medical exemption.

Infographics

Submitting information using the AIR site

How to correctly identify an individual on the AIR

Print proof of vaccinations from the AIR site

Update vaccination data already submitted to the AIR site

Uploading AIR forms using HPOS form upload

https://hpe.servicesaustralia.gov.au/AIR_submit.html

Need help with PRODA / HPOS / AIR?

PRODA

- Available services and programs
- Linking PRODA to HPOS
- Technical Requirements

www.servicesaustralia.gov.au/proda
1800 700 199
proda@servicesaustralia.gov.au

HPOS

- Log on
- HPOS delegations
- How to manage your details, access and delegations
- Additional help topics, education modules, infographics and simulations

www.servicesaustralia.gov.au/hpos
HPOS Helpdesk: 1800 700 199

AIR

- Access AIR Site
- Payments, reports, data lodgement, immunisation history statements
- Technical support

www.servicesaustralia.gov.au/hpair
General enquiries:1800 653 809
AIR Site Help: 1300 650 039
air@servicesaustralia.gov.au

Key messages

- ✓ Keep your practice software up to date if you use non-cloud-based software
- ✓ Send all immunisation data, for all individuals to AIR
- ✓ Check patient’s history on AIR
- ✓ Ensure vaccine name is correct
- ✓ Ensure batch numbers are correct
- ✓ Access AIR overdue reports

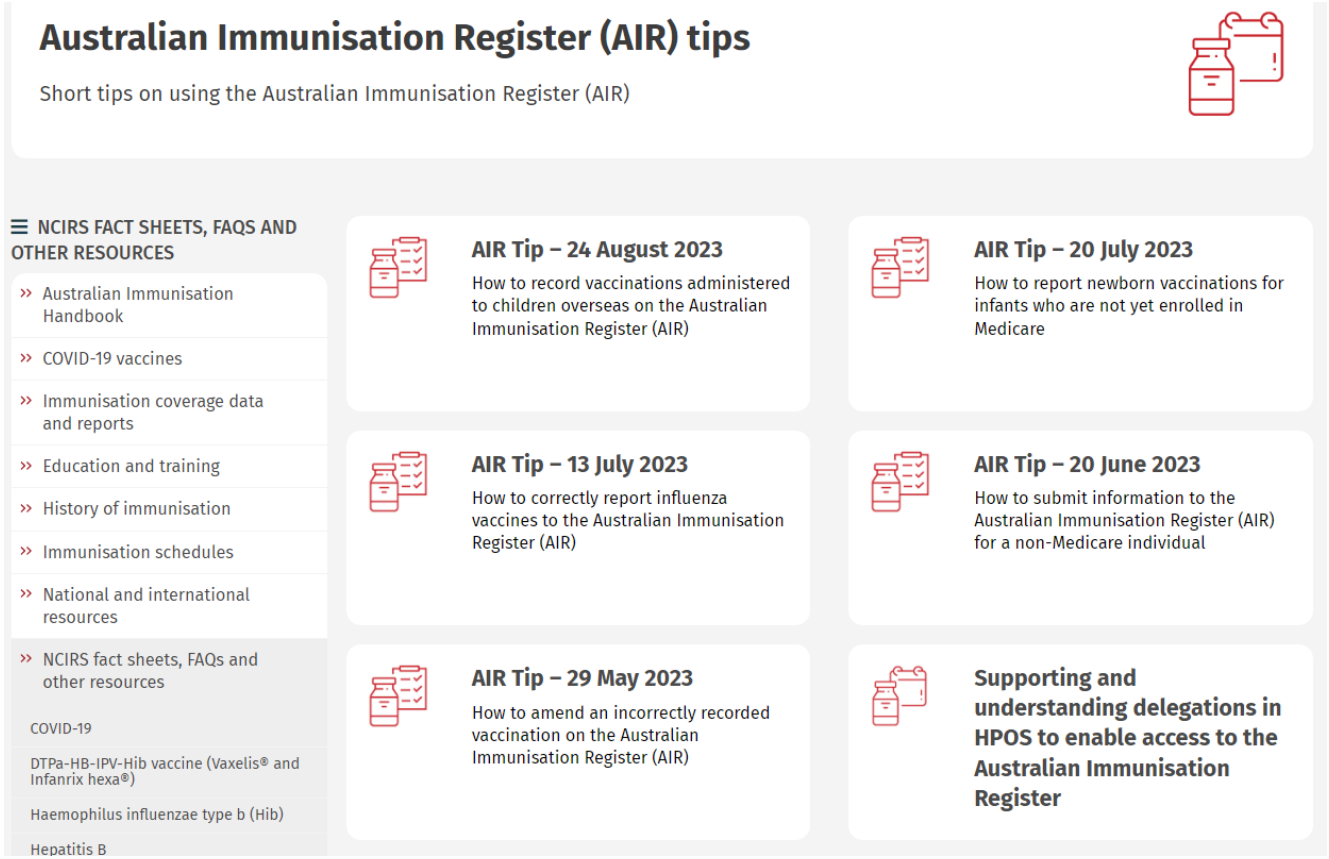
Stay connected with us

The Weekly Jab Newsletter is a wrap up of the latest resources, news, media, events, publications and career opportunities related to immunisation direct to your inbox.

https://www.ncirs.org.au/health-professionals/ncirs-newsletters

We also have an infrequent email list with major updates including webinar information approximately once per month

Questions?



www.ncirs.org.au/air-tips

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