

The Australian Immunisation Register



The Australian Immunisation Register

- The AIR is a national register that records all vaccinations given to individuals of all ages, including National Immunisation Program (NIP) schedule vaccines, flu, shingles and travel vaccines
- The AIR is administered under the Australian Immunisation Register
 Act 2015
- AIR data is protected under the Privacy Act 1988

The Australian Immunisation Register

- As at 30 September 2018:
 - Over 26 million individuals of all ages registered on AIR (up from 6.2 million on ACIR in September 2016)
 - 94.6% of 5 year olds were up to date with their vaccinations (up from 93.4% in September 2016)
- In 2017-18:
 - 14.8 million valid immunisation episodes recorded on AIR (up from 4.1 million in 2015-16, and 10.2 million 2016-17)
 - Over 99% of notifications to AIR were received through digital channels (up from 86.7% in 2016-17)

The importance of AIR data

AIR data are used:

- to monitor vaccination coverage across Australia
- to monitor the effectiveness of vaccines and vaccination programs
- to inform immunisation policy and research
- to identify any parts of Australia at risk during disease outbreaks
- for eligibility for Family Tax Benefit and Child Care Subsidy payments
- as proof of vaccination for entry to child care and school, and for employment purposes

Accurate, complete and timely data

- To assist vaccination providers with data entry, the AIR system has been updated to include:
 - enhanced identity matching for individuals
 - automated business rules
 - 'real-time' processing of data entered using the AIR site
 - additional standard vaccines (MenACWY, HPV)
 - 'pharmacy' and 'commercial' provider types

Accurate, complete and timely data

- To assist with data entry, the AIR site has been updated to allow vaccination providers to:
 - amend / correct vaccine data they have submitted
 - notify natural immunity and medical contraindication
 - record batch numbers and school names for all vaccines
 - print immunisation history statements
 - update an individual's record with a returned mail flag
 - amend Indigenous information

AIR vaccination providers - 2018

- The AIR vaccination provider database has been updated
 - For providers with a Medicare provider number, the AIR site tile displays automatically through HPOS
 - For providers who do not have a Medicare provider number, the new AIR provider number and AIR site access details are sent automatically once approved by state and territory health departments and registered with the AIR

AIR data – what can you do?

- Keep your practice software up-to-date for access to the latest AIR,
 Medicare and PBS functionality
- Enter all immunisation data, for all individuals, to the AIR
- Enter immunisation data to the AIR at the time of service

AIR and HPV - 2018

- AIR is now the only register for HPV vaccinations
- Due and overdue rules apply for HPV vaccinations
- HPV vaccinations recorded on the HPV Register have been migrated to the AIR
- AIR site reports include HPV
- Immunisation history statements display HPV
- The HPV vaccination does not impact family assistance payments

What's next - 2019

- Apply due and overdue rules for adolescent:
 - MEN ACWY (from 14 April 2019) for 2001 DoB
 - DTP (from 1 January 2020) for 2002 DoB
- Update AIR site reports
- Any vaccinations previously recorded on state/territory registers will be migrated to the AIR
- Immunisation History Statements will display MEN ACWY / DTP
- Health Delivery Modernisation

A day in the life of AIR

30/10/2018

29,760 immunisations submitted through Practice Management Software

11,516 immunisations submitted through the AIR site

307 immunisations submitted manually

4,296 pended transmissions

Once per month,
vaccination
providers are
paid based on
the number of
vaccinations
recorded on the
AIR

Midnight

8am

29.7% requesting their or their child's immunisation history statement 19.8% enquiring about vaccines not recorded on the AIR

607 phone calls from individuals

606 phone calls from providers

44.1% requesting to amend data already submitted to the AIR 13.2% requesting AIR site help

590 forms processed

21.5% were bank account details for vaccination providers
5.8% were immunisation history forms used to report overseas vaccinations

Vaccination providers request reports to be generated through the AIR Site

Midnight

5pm

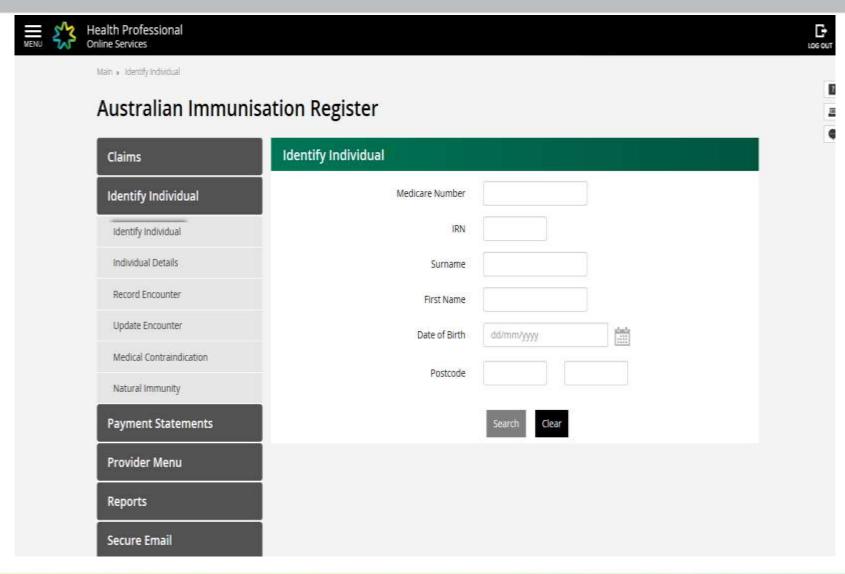
AIR data is sent to Families for FTB Part A and Child Care Subsidy

Identify individual

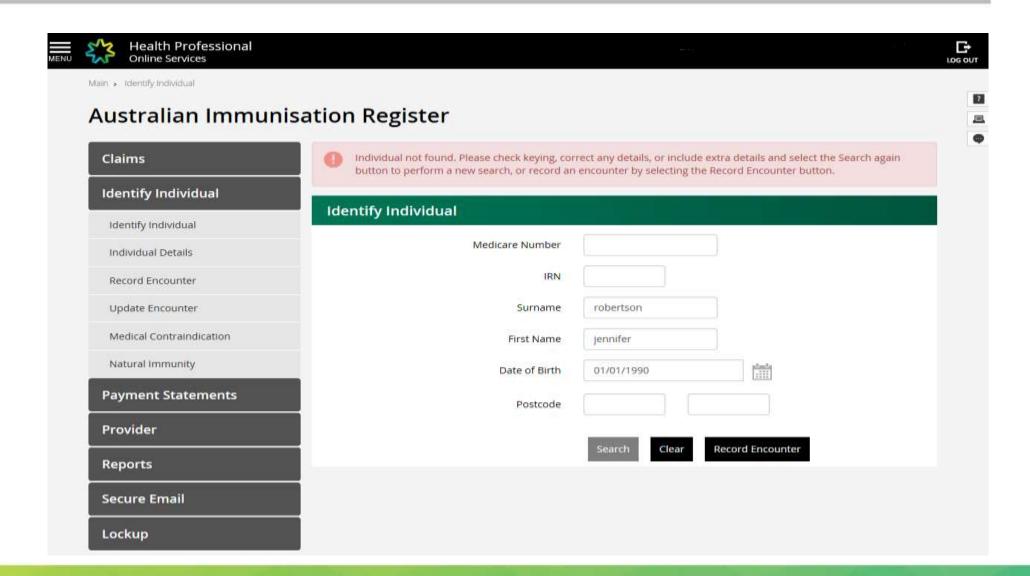
- Before a vaccine is given, check:
 - the individual is on the AIR
 - you have searched with the correct information to avoid creating duplicate records
 - the individual's immunisation history

10% of pended transmissions relate to vaccination providers not correctly identifying individuals

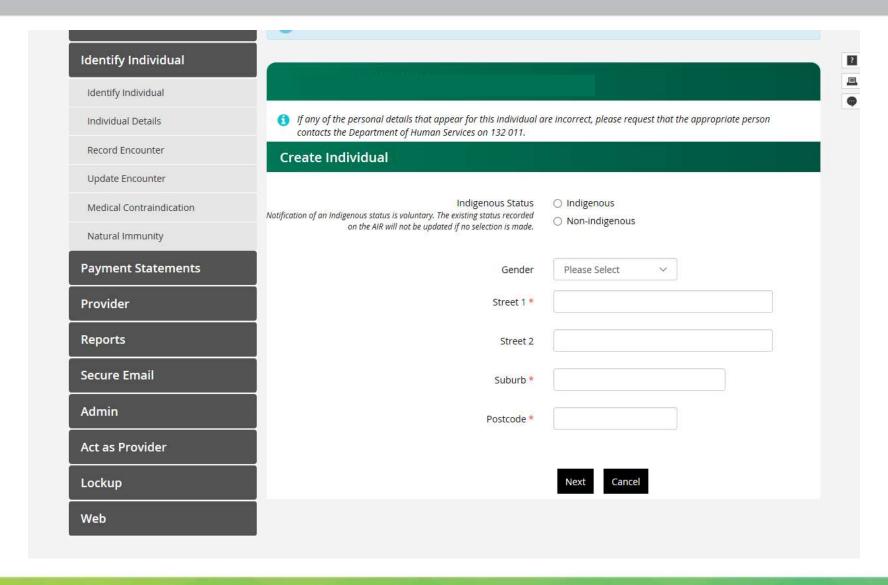
Identify individual



Individual not identified



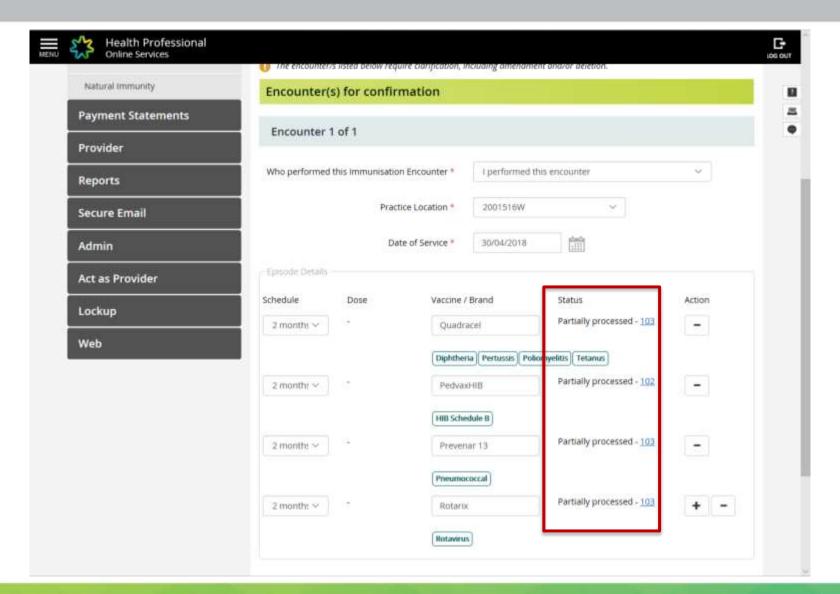
Individual not identified



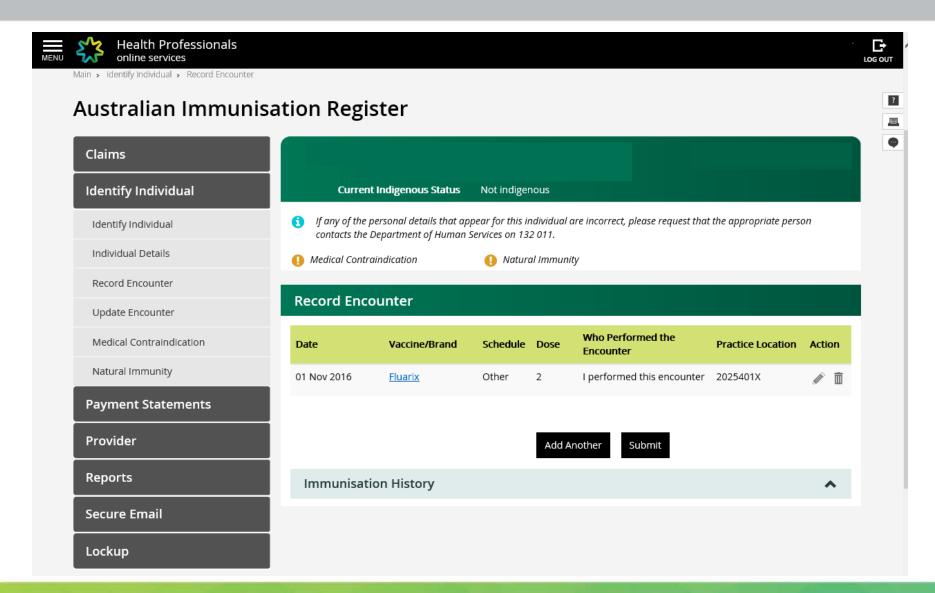
Record encounter – status

- The 'Record encounter' page shows a status message for each vaccine
- Vaccination providers can check information is correct before submitting to the AIR:
 - is the data ready to be submitted to the AIR
 - does it require confirmation for a particular reason
 - has the entry been rejected and requires amendment or deletion

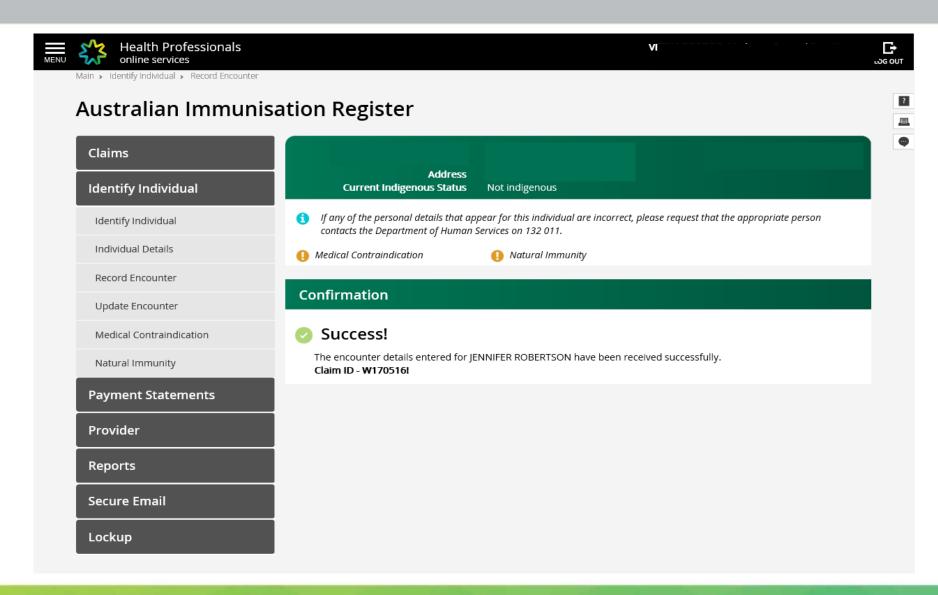
Record encounter – status



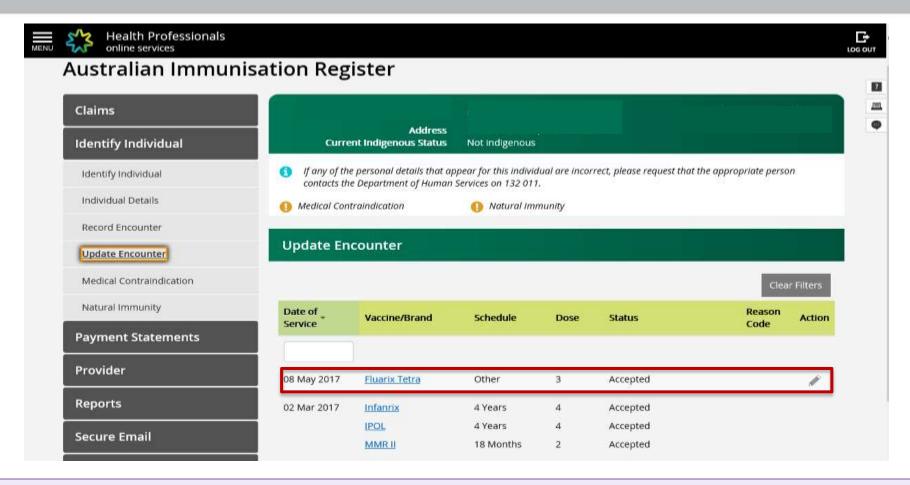
Record encounter – confirm



Record encounter – success

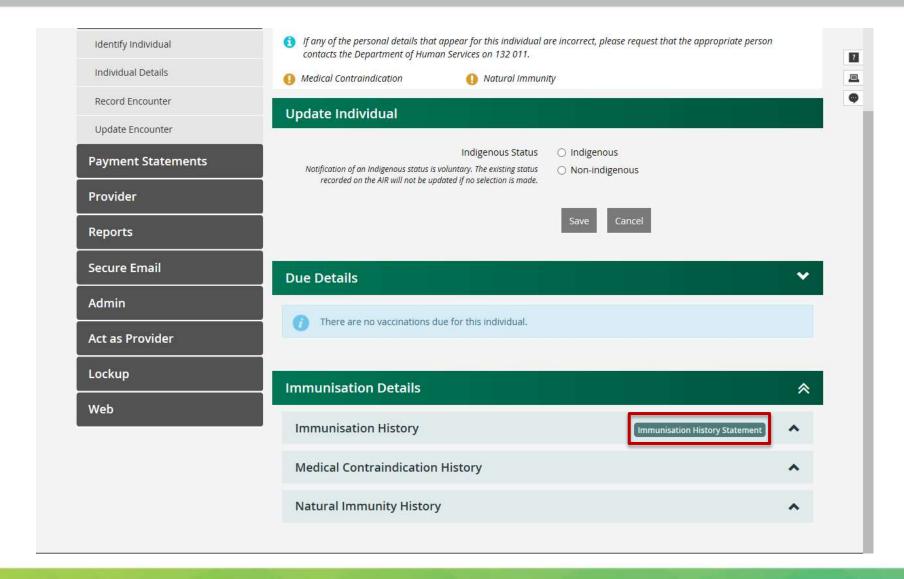


Update encounter



44% of phone calls from providers are to request an amendment to data already submitted to the AIR

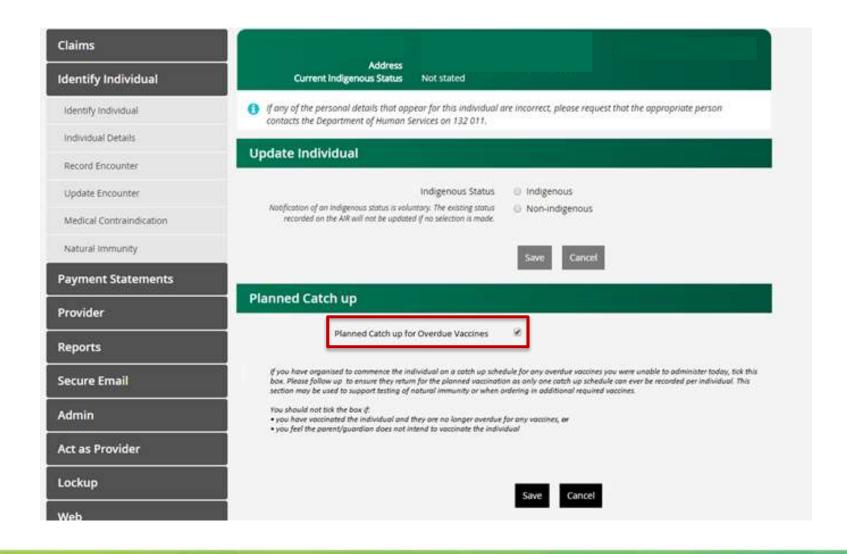
Print Immunisation History Statement



Planned catch up schedule

- Vaccination providers can now record planned catch up schedules using the AIR site
- Vaccination providers should not put the individual on a planned catch up schedule if:
 - they have vaccinated the individual and the individual is no longer overdue for any vaccines
 - they feel the parent/guardian of the individual does not intend to vaccinate their child

Planned catch up schedule



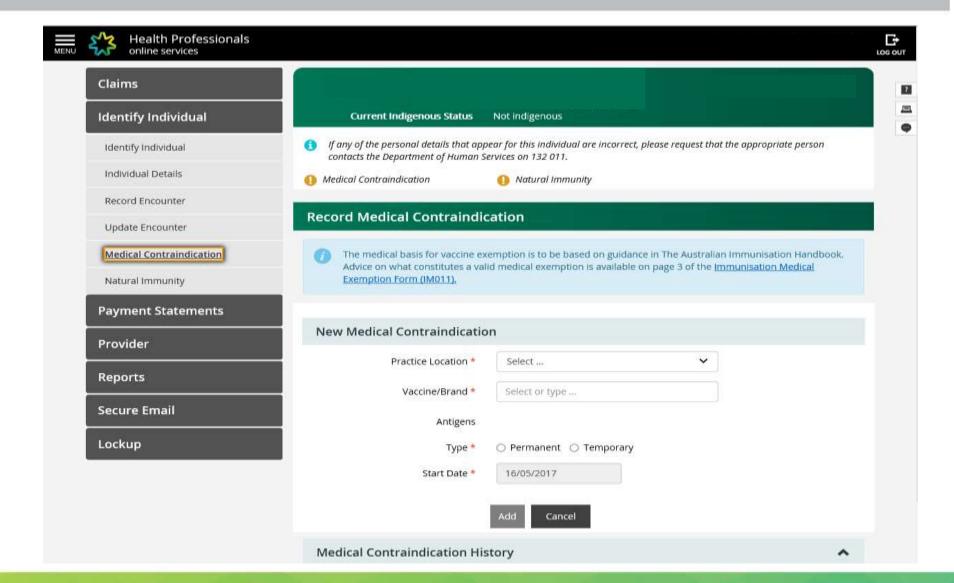
Immunisation medical exemptions

- The following groups are eligible to provide immunisation medical exemptions:
 - general practitioners defined by the Health Insurance Act 1973:
 - fellows of the Royal Australian College of General Practitioners (RACGP)
 - fellows of the Australian College of Rural and Remote Medicine (ACRRM)
 - on Medicare's Vocational Register of General Practitioners
 - general practice registrars on an approved 3GA training placement
 - paediatricians
 - public health physicians
 - infectious diseases physicians
 - clinical immunologists

Medical contraindication

- The contraindications for a permanent vaccine exemption are:
 - previous anaphylaxis to vaccine or vaccine component
 - significant immunocompromise (live vaccines only)
- The contraindications for a temporary vaccine exemption are:
 - acute major medical illness
 - significant immunocompromise of short duration (live vaccines only)
 - pregnancy (live vaccines only)

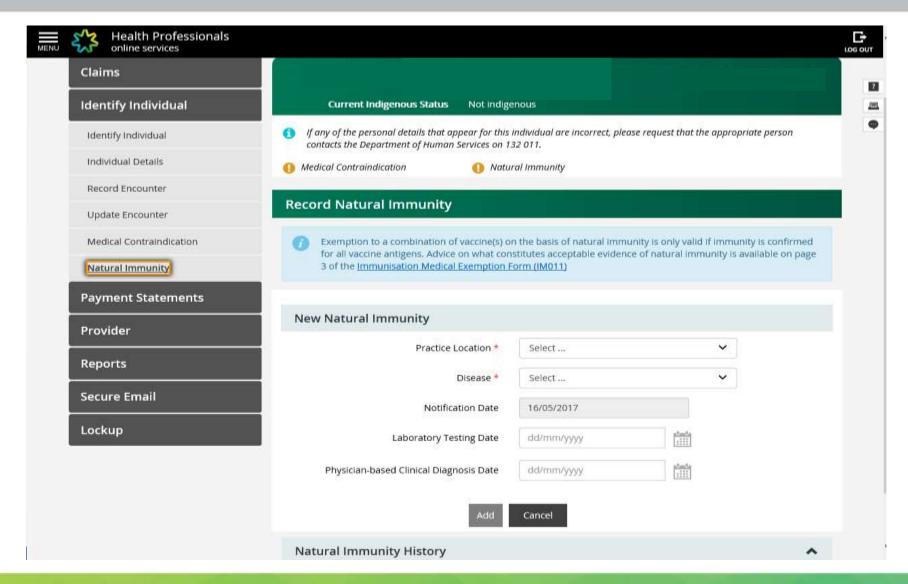
Medical contraindication



Natural immunity

- A natural immunity confirmed by laboratory testing or clinical diagnosis can be recorded for these diseases:
 - hepatitis B
 - measles
 - mumps
 - rubella
 - varicella (chickenpox)

Natural immunity



Access to AIR site reports

- Based on provider type, vaccination providers can:
 - request reports
 - modify reports you have previously requested
 - view/download reports you have requested
- AIR10A, AIR11A, AIR11B, AIR12A, AIR15A and AIR21A reports can be requested in single-file or multi-file format

AIR site reports

- Additional consumer data available in AIR site reports:
 - Contact Number
 - Mobile Number
 - Email address
 - Multiple Birth
 - Country of origin/birth (relevant to track overseas recipients)
 - Aboriginal/Torres Strait Islander/South Sea Islander indicator in AIR
 - Vaccine trial participation

AIR010A – Due/Overdue Practice

 Identifies individuals who have attended the medical practice for a Medicare service and are due/overdue for a vaccination

Rules:

- a medical practitioner must request the report using their Medicare provider number
- the practice must have a Practice Incentive Program (PIP) number
- GPs at the practice must be registered with PIP and have accepted the AIR terms and conditions
- not available for AIR ancillary providers

AIR010A – Due/Overdue by Practice



- Options for output:
 - CSV single, CSV multiple or text
 - PIP number
 - MBS service period
 - immunisation status
 - age breakdown
 - immunisation medical exemption
 - single visit to practice
 - returned mail

AIR010A – Due/Overdue by Practice

Requ	iest Ne	w Report	
AIR010A	A - Due/Ov	erdue Immunisation Prac	ctice Report
individua gender a	al's persona	al details will automatically e status. A unique referenc	on identified below. A file will only be produced when options have been selected from that file. Ar be included in each file. An individual's details will include surname, first name, initial, date of birth se number will be used to match an individual in each file. Please select the details you wish to
Report	Details F	orm	
INC	DIVIDUAL'	S DETAIL FILE	Individual's Medicare Number Address Details Returned Mail Contact Number Mobile Number Email Address Country of Birth Multiple Birth Indicator
ov	OVERDUE DETAILS FILE		☐ Due/Overdue Details
VA	VACCINE DETAILS FILE		☐ Vaccine Details
NATURAL IMMUNITY/MEDICAL CONTRAINDICATION DETAILS FILE			☐ Natural Immunity ☐ Medical Contraindication
	Clear	Send Report Request	

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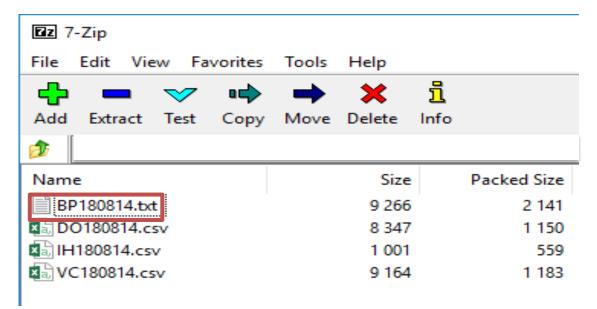
Any messages relating to the Request Report process will appear below

Your request for the report has been successful. This report will be displayed on the View Reports page once it has been produced.

Click here to reset your userid and default user profile

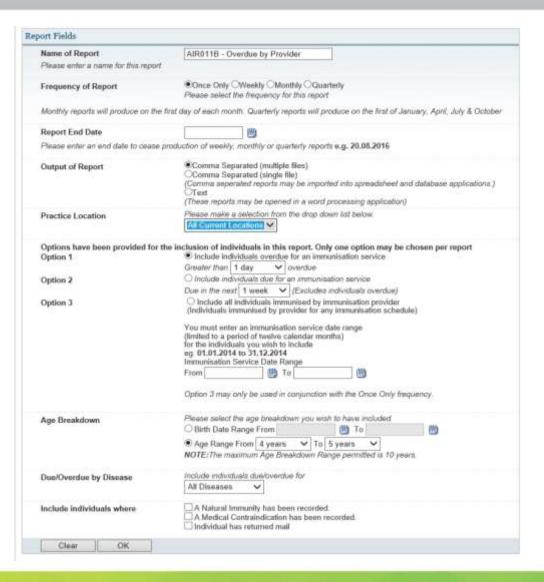
- Nominate the information to be included in the report using the report details file:
 - IH Individual details file
 - DO Overdue details file
 - VC Vaccine details file
 - NM Natural Immunity/
 Medical Contraindication details file

AIR010A – Due/Overdue by Practice



- The .csv files make up the report
- The BP date.txt file:
 - provides information about the report
 - provides explanations of AIR codes included in the report
 - identifies the medical practitioners whose patient information has been included in the AIRO10A report

AIR011B – Due/Overdue by Provider



 Used by practices to identify individuals previously immunised by the provider who are now due/overdue for vaccination

Rules:

- individual report requests are required for each GP
- providers using an AIR provider number don't need to nominate a practice location

AIR011B – Due/Overdue by Provider

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Request New Report

AIR011B - Due/Overdue Report - by Vaccination Provider

A separate file will be produced for each section identified below. A file will only be produced when options automatically be included in each file. An individual's details will include surname, first name, initial, date of used to match an individual in each file. Please select the details you wish to appear in the report.

Report Details Form				
INDIVIDUAL'S DETAIL FILE	☐ Individual's Medicare Number ☐ Address Details ☐ Returned Mail ☐ Contact Number ☐ Mobile Number ☐ Email Address ☐ Country of Birth ☐ Multiple Birth Indicator			
OVERDUE DETAILS FILE	☐ Due/Overdue Details			
VACCINE DETAILS FILE	☐ Vaccine Details			
NATURAL IMMUNITY/MEDICAL CONTRAINDICATION DETAILS FILE	☐ Natural Immunity ☐ Medical Contraindication			
Clear Send Report Request				

i

Any messages relating to the Request Report process will appear below

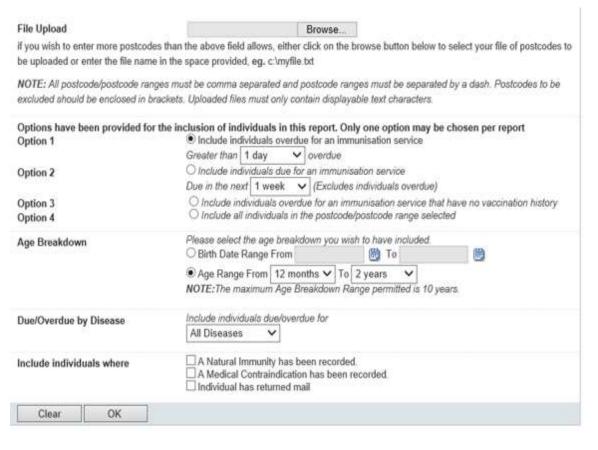
- Nominate the information to be included in the report using the report details file:
 - IH Individual details file
 - DO Overdue details file
 - VC Vaccine details file
 - NM Natural Immunity/
 Medical Contraindication details file

AIR011A - Due/Overdue by locality

eport Fields				
Name of Report	AIR011A - Overdue 12 mths-2 years			
Please enter a name for this repo	d			
Frequency of Report	Once Only OWeekly OMonthly Oquarterly			
	Please select the frequency for this report			
Monthly reports will produce on th	e first day of each month. Quarterly reports will produce on the first of January, April, July & October			
Report End Date				
Please enter an end date to cease	e production of weekly, monthly or quarterly reports e.g. 20.08.2016			
Output of Report				
	 Comma Separated (single file) (Comma seperated reports may be imported into spreadsheet and database applications.) 			
	OText			
	(These reports may be opened in a word processing application)			
Primary Health Network				
State/Region	Please select the State(s) and/or Region(s) you wish to include. SA			
Postcode Range				
Please enter the postcode range(s) you wish to include or exclude			

- Identifies individuals who are due or overdue for vaccination
- Can be used to:
 - identify individuals at risk due to low vaccination rates
 - identify providers incorrectly reporting vaccine information to AIR e.g. incorrect brand names

AIR011A – Due/Overdue by locality



Individuals

- overdue for immunisation
- due for an immunisation
- overdue with no vaccination history
- postcode or postcode range
- Age breakdowns
- Due/overdue by disease
- Immunisation medical exemption
- Returned mail

AIR011A – Due/Overdue by locality

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Request New Report

AIR011A - Due/Overdue Report - by Locality

A separate file will be produced for each section identified below. A file will only be produced when options have been selected from that file. An individual's personal details will automatically be included in each file. An individual's details will include surname, first name, initial, date of birth, gender and overdue status. A unique reference number will be used to match an individual in each file. Please select the details you wish to appear in the report.

Report Details Form					
INDIVIDUAL'S DETAIL FILE	□ Individual's Medicare Number □ Info Prov Individual Id □ Addressee Name □ Address Details □ Aboriginality □ Returned Mail □ Contact Number □ Mobile Number □ Email Address □ Country of Birth □ Multiple Birth Indicator				
OVERDUE DETAILS FILE	☐ Due/Overdue Details				
VACCINE DETAILS FILE	☐ Vaccine Details ☐ Vaccination Provider Number ☐ Information Provider Number				
PROVIDER DETAILS FILE	☐ Vaccination Provider Details ☐ Information Provider Details				
NATURAL IMMUNITY/MEDICAL CONTRAINDICATION DETAILS FILE	☐ Natural Immunity ☐ Medical Contraindication				
Clear Send Report Request					

- Report generates with the information selected from the:
 - individual's details file
 - overdue details file
 - vaccine details file
 - provider details file
 - natural immunity / medical contraindication details file

AIR012A — Database exchange report

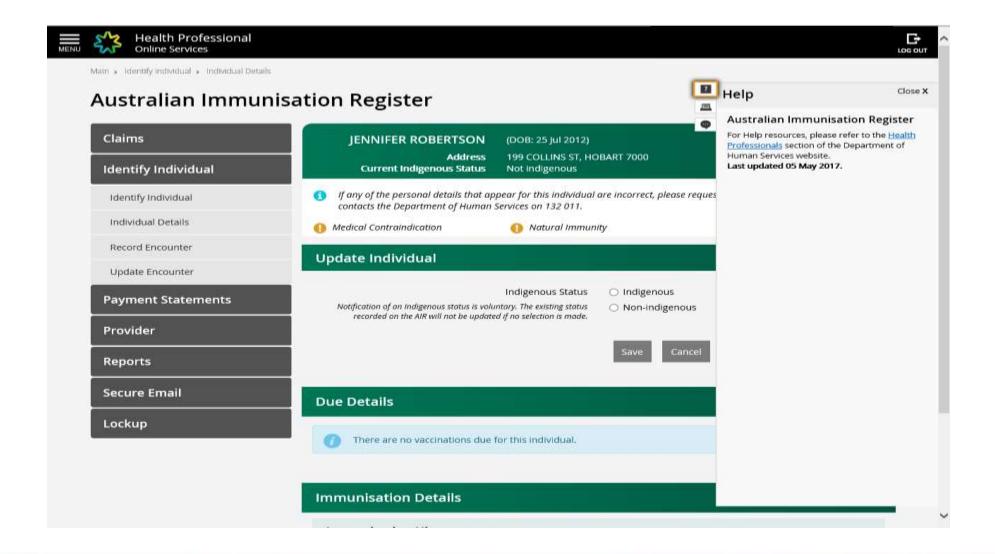
- Verify the AIR immunisation history for multiple individuals you have identified by uploading a CSV file to the AIR
- Along with the provider number, the file must include the following information about each individual:
 - Medicare card number
 - individual reference number gender (m/f) (IRN)
 - surname
 - first name

- DOB (dd.mm.yyyy)
- postcode

Help functions on the AIR site

- Providers can access help functions on the AIR site by expanding the icon on the right hand side
- A menu will expand to show:
 - information
 - actions
 - links and redirections to other pages

Help functions on the AIR site



AIR contacts

- General enquiries <u>AIR@humanservices.gov.au</u>
- Complex enquiries 1800 653 809