

Acknowledgement



The Forgotten People: Adults aged <65 years

Never Stand Still

Faculty of Medicine

School of Public Health and Community Medicine

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I would like to acknowledge that the land we meet on today is the traditional lands for the **Kaurna** people and that I respect their spiritual relationship with their Country. I also acknowledge the Kaurna people as the traditional custodians of the Adelaide region and that their cultural and heritage beliefs are still as important to the living Kaurna people today.



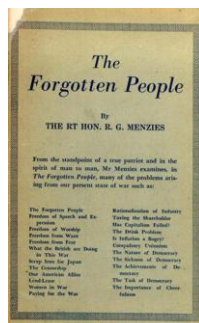
WARNING!

**This presentation may include
untruths...**

The Forgotten People.....



<https://commons.wikimedia.org/wiki/File:RobertMenzies.jpg>



<https://menziesvirtualmuseum.org.au>



Back row left to right: Ken Menzies holding Elizabeth Henderson, Heather and Peter Henderson, Margie and son Alec Menzies, Ian Menzies.
Front row left to right: Diana Menzies, Catharina Henderson, Donald Menzies, Dame Pattie, Edwina Henderson, Sir Robert holding Geoff Menzies, Robert and Lindsay Menzies, Penelope Henderson.

<https://menziesvirtualmuseum.org.au>

The Lodge, Canberra, Christmas 1965

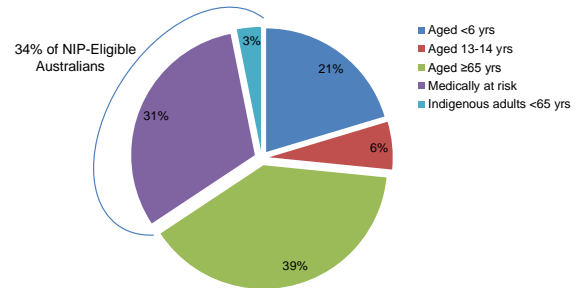


The forgotten people - who are they?

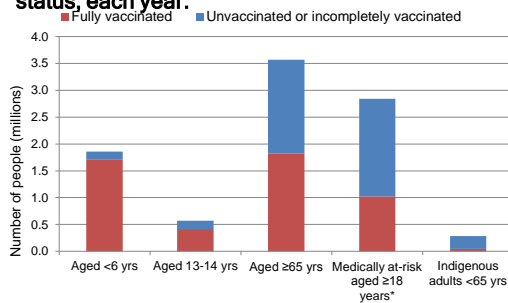
- NIP - eligible people aged 15-64 years
- Medically at-risk of serious complications from influenza infection
 - Chronic lung, kidney, cardiac, neurological or metabolic disease, immunosuppression,
 - Annual influenza vaccination
- Pregnant women
 - Influenza vaccine
 - Pertussis vaccine (states and territories)
- Aboriginal and Torres Strait Islander people
 - Annual influenza vaccination
 - 23vPPV vaccine
 - 50-64 years
 - 15-49 with medical risk factors



6.7 million Australians eligible for National Immunisation Program Schedule vaccines



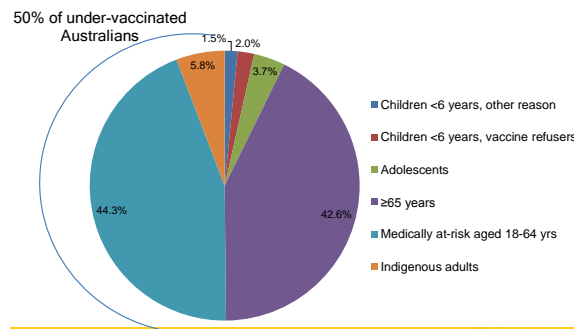
Numbers of Australians eligible for vaccine under the National Immunisation Program, by vaccination status, each year.



Eligibility under the National Immunisation Program



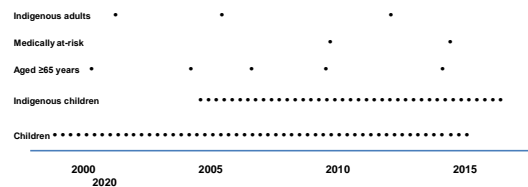
4.1 million NIP-eligible but under-vaccinated Australians



Why are they 'Forgotten'?

- Compared to simple age groups:
 - More difficult to find and vaccinate
 - More difficult to monitor
 - Infrequent data
 - No KPIs

Time points of available coverage data



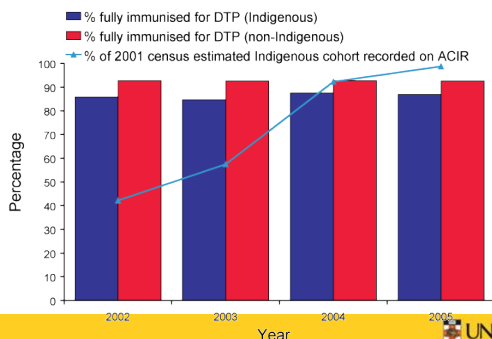


This May, the Government announced it will provide more than \$26 million over four years to fund a range of initiatives that will boost immunisation.

AIR state of play

- All ages included
- Indigenous status from Medicare
 - ~50% of Indigenous adults are registered
- Currently focussing on improved reporting
 - GPs
 - Pharmacies
- Future plans:
 - 2-way transmission of vaccine notifications
 - Accept data other than vaccine notifications

Registers require good quality denominator data

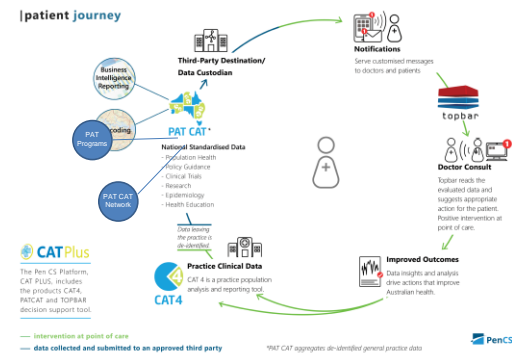


Anticipated support from AIR

- Age-based NIP programs
 - ≥65 years influenza, pneumococcal
 - 70-79 years shingles
- Targeted programs
 - Influenza medically at-risk <65 years
 - Indigenous adults <65 years



Continuous Quality Improvement networks using electronic primary care data



Source: Edweana Wenkart, Pen CS

High rate of computerisation of GP clinics

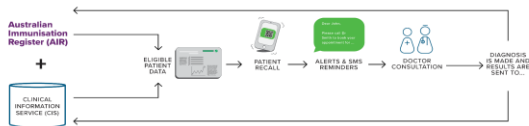
- ~70% of GP practices had paperless records in 2014 (BEACH)

Existing Primary Care Continuous Quality Improvement Networks

- MedicineInsight
 - 3,500 GPs, comprehensive data extraction,
- CAT Plus
 - 7,500 GPs in 28 of 31 PHNs, data flows to PHNs
- Australian Primary Care Collaboration
 - National
- POLAR
 - Victoria-based



Potential interaction between clinic audit tools



Prevalence of medical risk conditions

Age group (yrs)	NHS† 2011-12 % (95% CI)	AVS‡ 2009 % (95% CI)	MedicineInsight 2014 % (95% CI)
18-34	4.2 (3.5-4.9)	N/A	19.5 (18.7-20.4)
35-49	8.8 (7.8-9.9)	N/A	26.4 (25.5-27.3)
50-64	19.8 (18.1-21.6)	N/A	39.5 (38.5-40.6)
65-74	35.2 (32.2-38.2)	N/A	56.0 (54.8-57.1)
≥75	42.0 (38.4-45.6)	N/A	66.5 (65.1-67.8)
≥18	15.0	25.0	33.2†

* heart disease, lung disease, another chronic illness including diabetes and renal failure, chronic neurological condition including multiple sclerosis and seizure disorders, immune compromising condition including HIV infection, or pregnancy.

† National Health Survey 2011-2012 [3]

‡ Adult Vaccination Survey[10]

† Age standardised to 2009 Australian population



Conclusions

High risk adults are:

- 34% of 6.7 million NIP-eligible Australians
- 50% of under-vaccinated NIP-eligible Australians

The reasons are:

- Different benchmarks for acceptable coverage in adults vs children
- ~75% vs >90%
- More difficult to target
- Infrequent data
- No KPIs, incentives, etc.

Its time to harness available technologies to end inequalities



Back-up slides

The benefits of immunisation registers

- Regular coverage data
 - Performance monitoring and accountability
 - Carrots and sticks
- Check individual vaccination status
 - Identify and follow up unvaccinated

A national immunisation register is a powerful thing

NATIONAL PARTNERSHIP AGREEMENT ON ESSENTIAL VACCINES

Land on Commonwealth

An agreement between:

- the Commonwealth of Australia and
- the States and Territories, being:
 - The State of New South Wales
 - The State of Victoria
 - The State of Queensland
 - The State of Western Australia
 - The State of South Australia
 - The State of Tasmania
 - The Australian Capital Territory
 - The Northern Territory of Australia

Parent/provider incentives
No jab, no pay
Reminders
Immunisation status checking

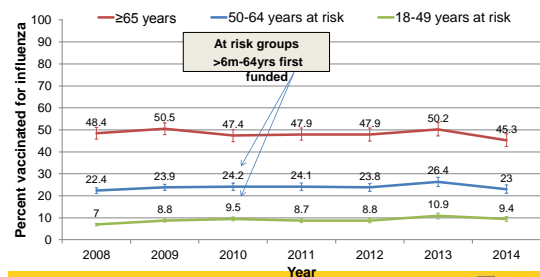
Reward payment for cost effective service delivery

37. A reward payment will be paid to each State that achieves the following performance benchmarks:

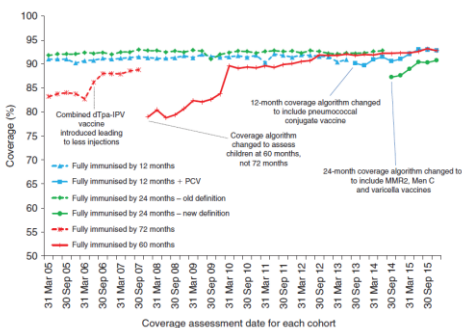
- (a) maintaining or increasing vaccine coverage for Indigenous Australians;
- (b) maintaining or increasing coverage in agreed areas of low immunisation coverage;
- (c) maintaining or decreasing wastage and leakage; and
- (d) maintaining or increasing vaccination coverage for four year olds.

An agreement between the Commonwealth and the States and Territories to improve the health and well-being of Australians through the establishment of a National Immunisation Register.

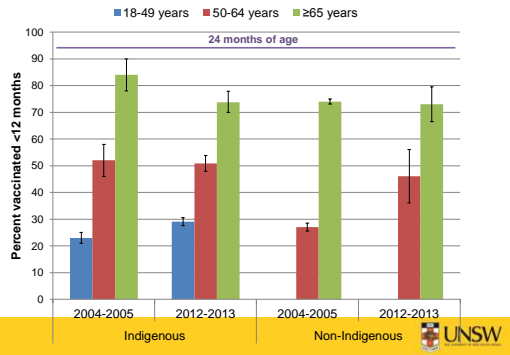
Influenza vaccination coverage in 'active' patients, MedicineInsight, unadjusted.



Annual Immunisation Coverage Report, 2015



Influenza vaccination coverage



Influenza vaccination coverage (Non-NIP groups in checks)

