



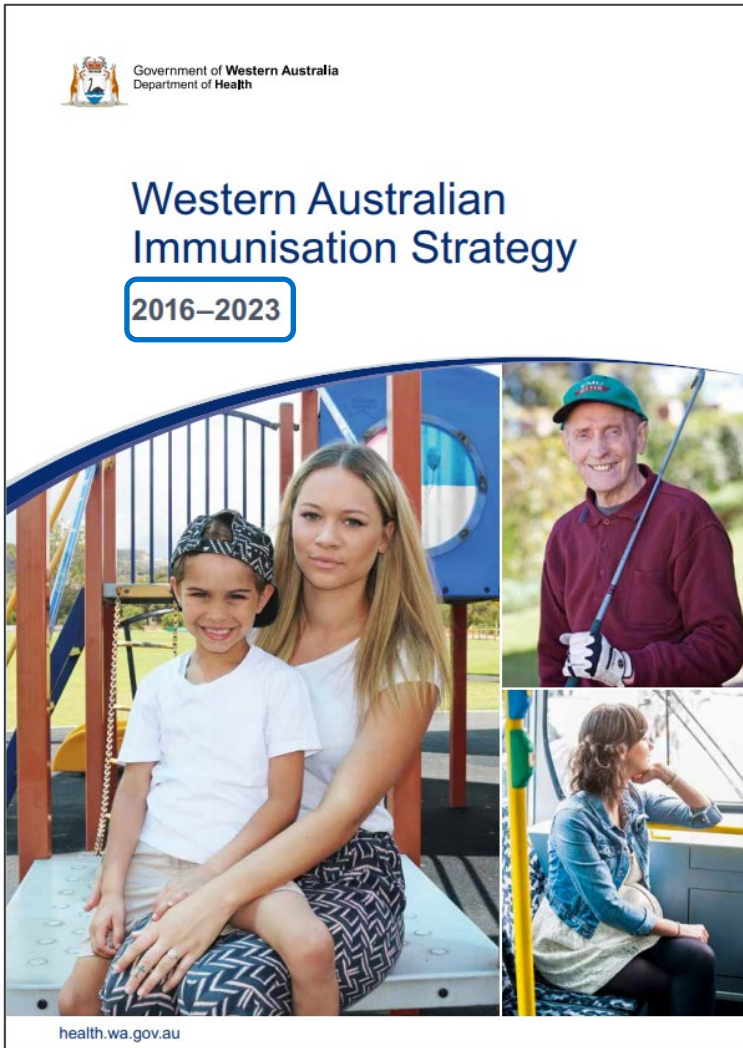
Evaluation of the WA Immunisation Strategy 2016-2023

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WA Immunisation Strategy 2016-2023



PURPOSE

Provide clear direction for immunisation stakeholders in WA on how to optimise immunisation service delivery across the State.

GOAL

To protect individuals and populations from vaccine-preventable diseases.

AIMS

1. High coverage with equitable access
2. Safe, high-quality services
3. Cost-effectiveness of vaccines and services
4. Safe and effective monitoring of VPD and vaccine safety

Objectives of the WA Immunisation Strategy 2016-2023

1. Increase vaccination coverage in young children
2. Increase vaccination coverage for Aboriginal people
3. Increase vaccination coverage for adolescents
4. Increase vaccination coverage in adults
5. Improve support for immunisation providers
6. Increase immunisation workforce capacity
7. Improve VPD surveillance and outbreak response
8. Improve vaccine safety monitoring
9. Improve communication with stakeholders and the community
10. Encourage and support applied immunisation research

Key Performance Indicators (KPIs)

1. Vaccination coverage rates in WA children 12-<15 months old consistently >90%
2. Vaccination coverage rates in WA children 24-<27 months old consistently >90%
3. Vaccination coverage rates in WA children 60-<63 months old consistently >90%
4. Influenza vaccination coverage in persons 65 years and older > 70%
5. Vaccination coverage rates among Aboriginal children equal to those of other children
6. Human papillomavirus (HPV) 3-dose vaccination coverage rates among adolescents >70%
7. Vaccination coverage rates among pregnant women >60%

Evaluation questions

1. How **effectively** was the Strategy implemented between 2016 and 2022?

- i. To what extent was each KPI achieved?
- ii. To what extent was each objective achieved?

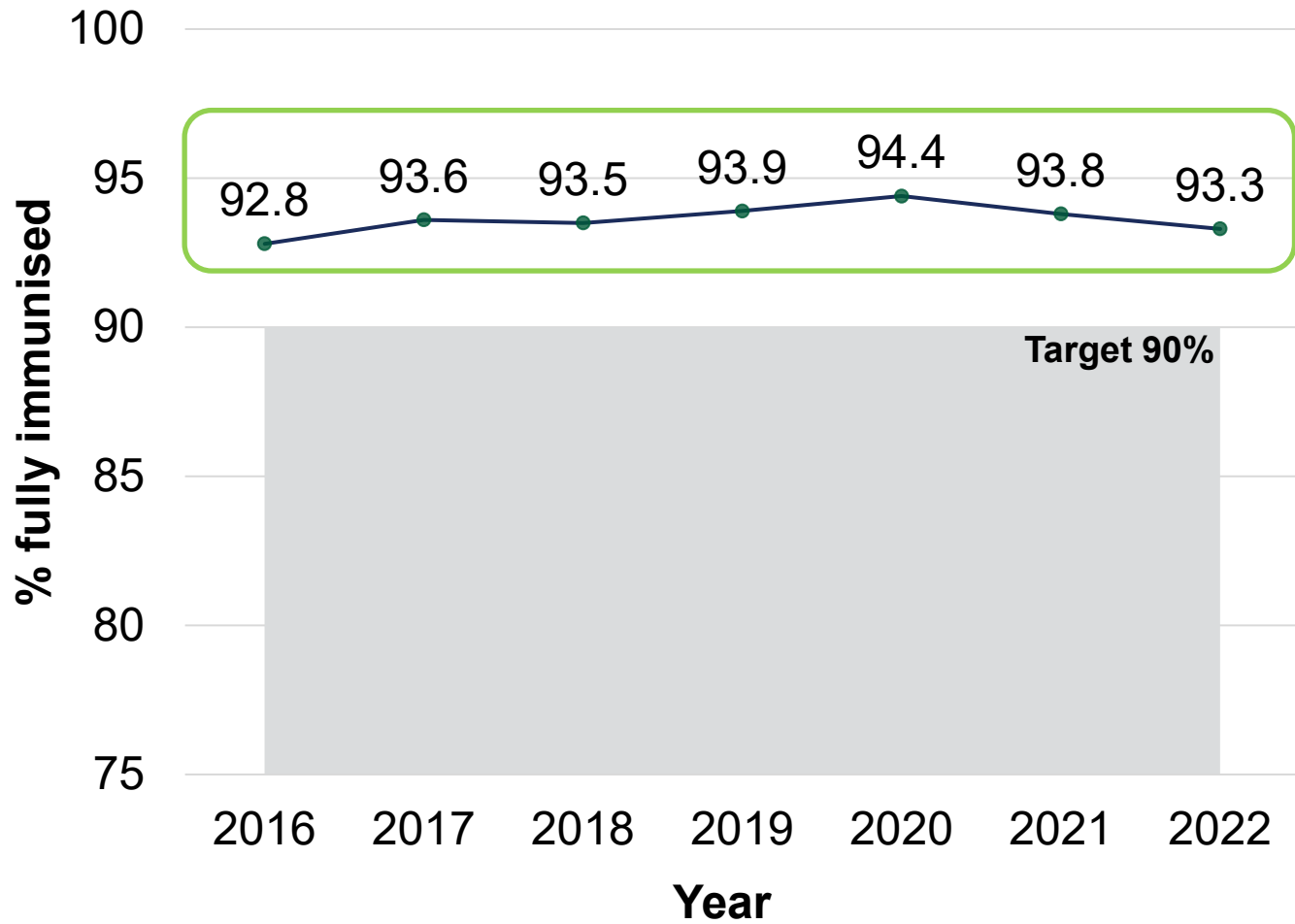
2. How **appropriate** was the Strategy in guiding the optimisation of immunisation service delivery across the State?

- i. To what extent did the Strategy provide clear direction on optimising immunisation service delivery in WA?

KPI 1: Vaccination coverage rates in 1 year olds consistently >90%

KPI 1
Achieved

1 year old children

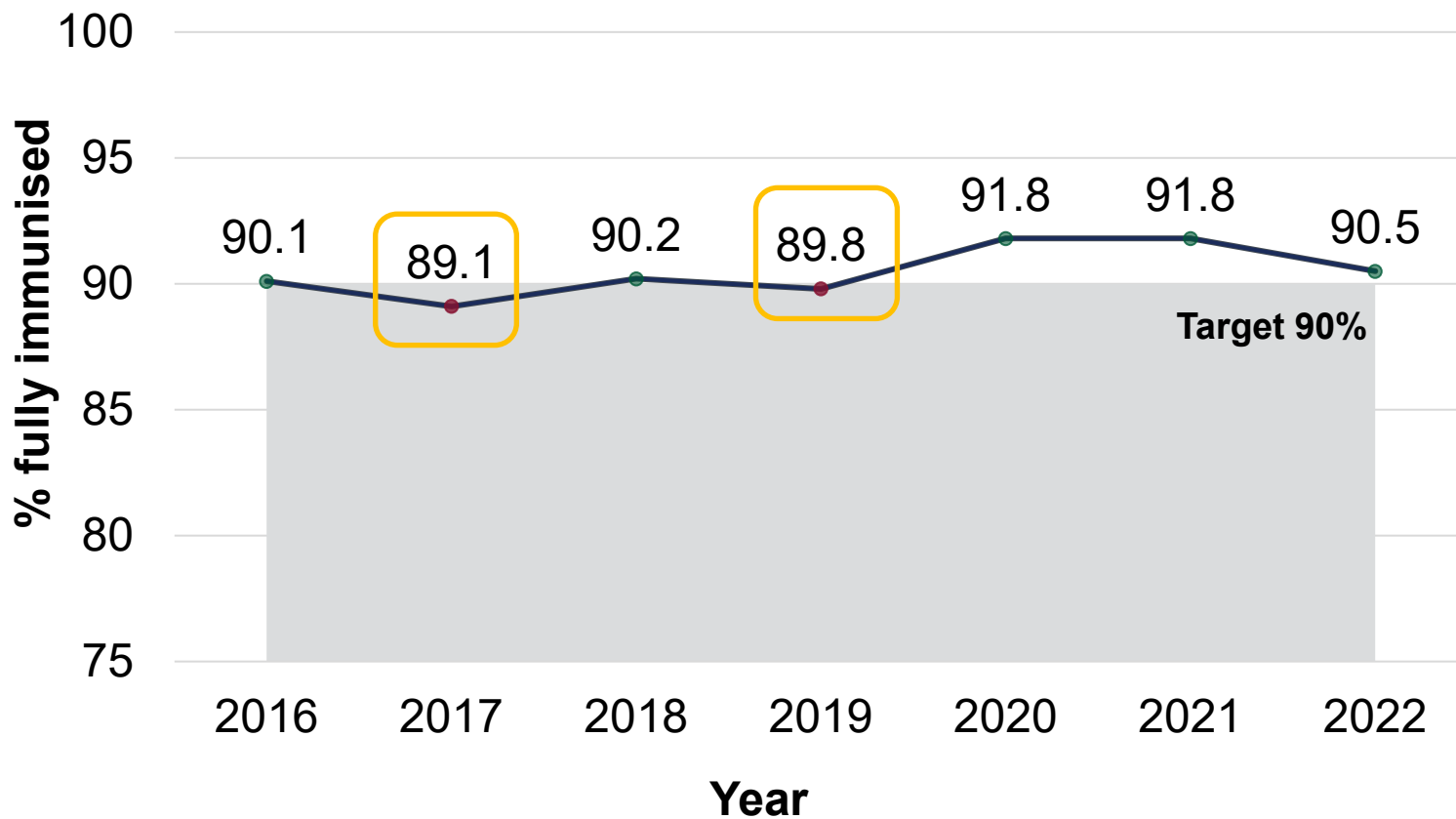


Source: AIR

KPI 2: Vaccination coverage rates in 2 year olds consistently >90%

KPI 2
Partially achieved

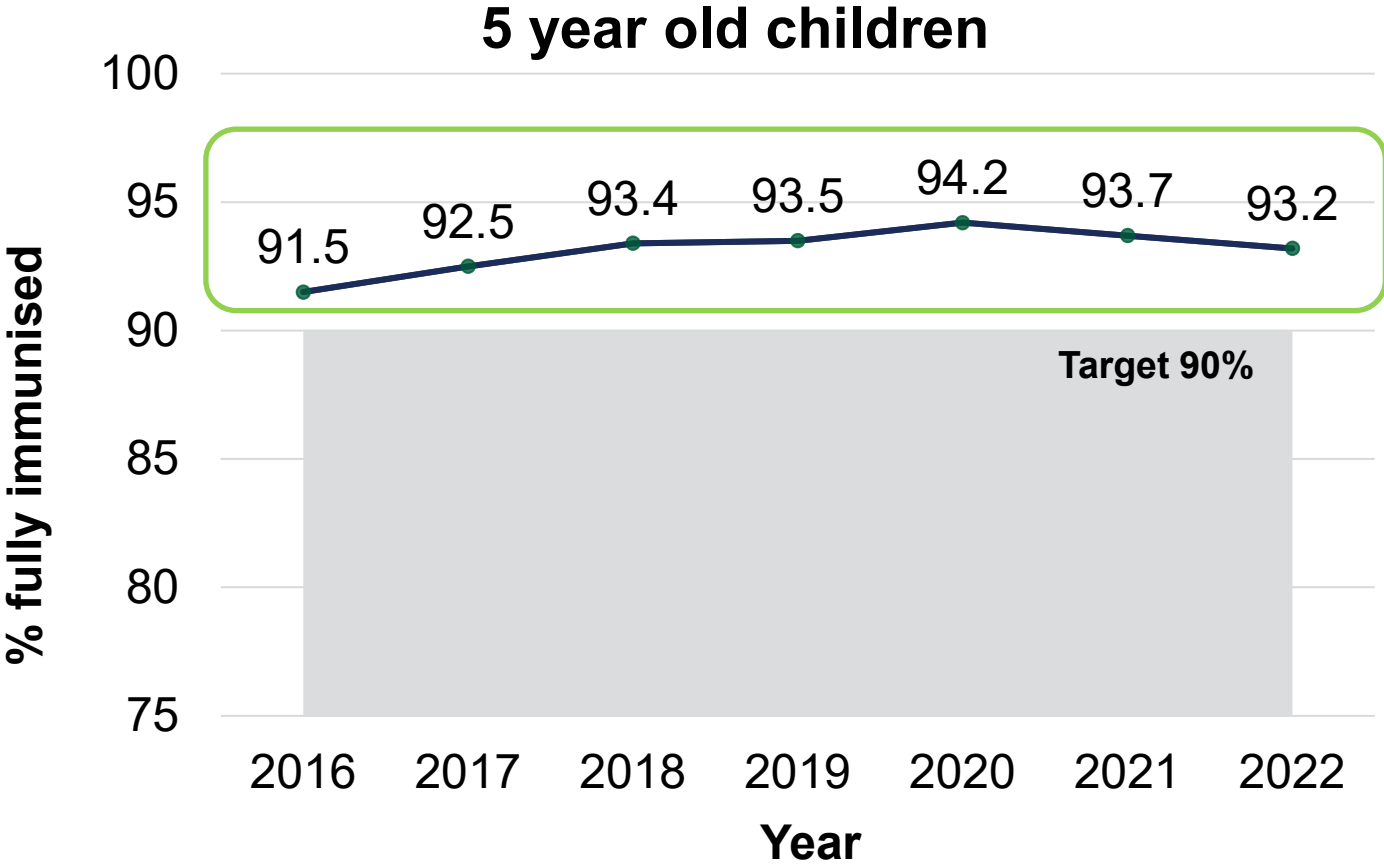
2 year old children



Source: AIR

KPI 3: Vaccination coverage rates in 5 year olds consistently >90%

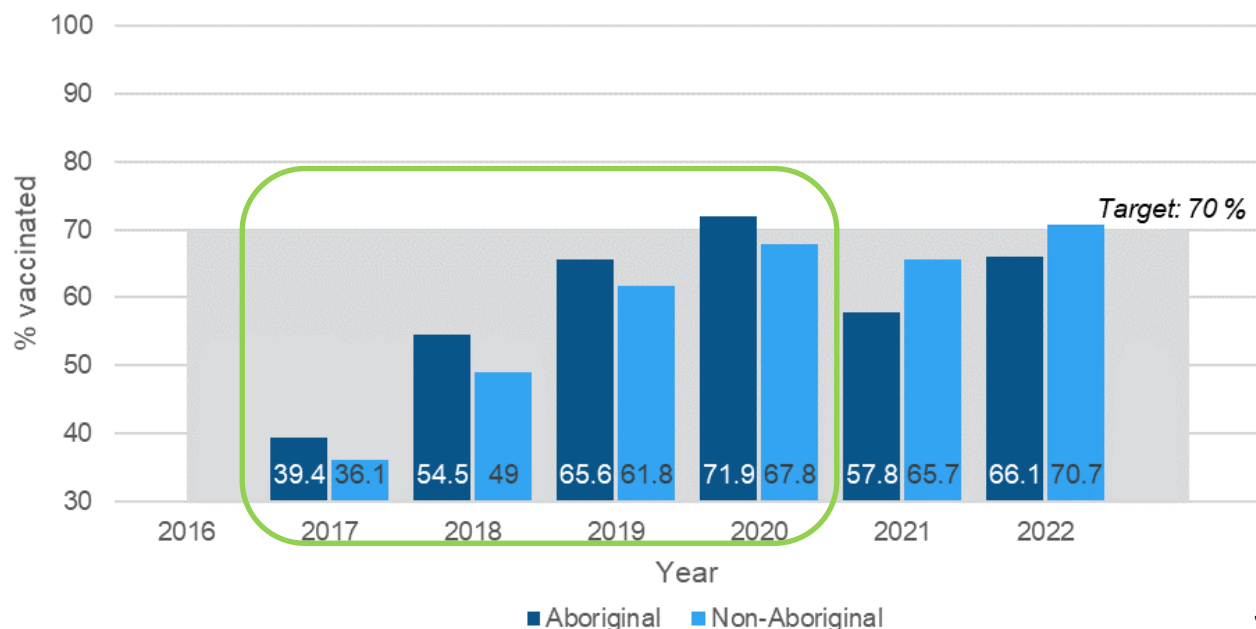
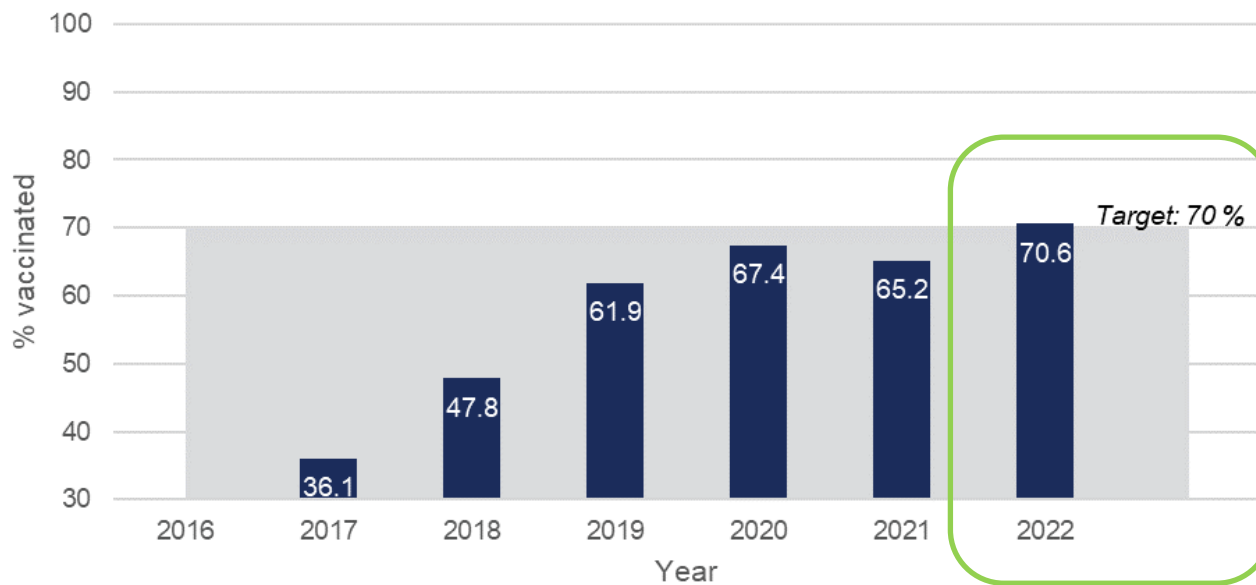
KPI 3
Achieved



Source: AIR

KPI 4: Influenza vaccination coverage in older adults >70%

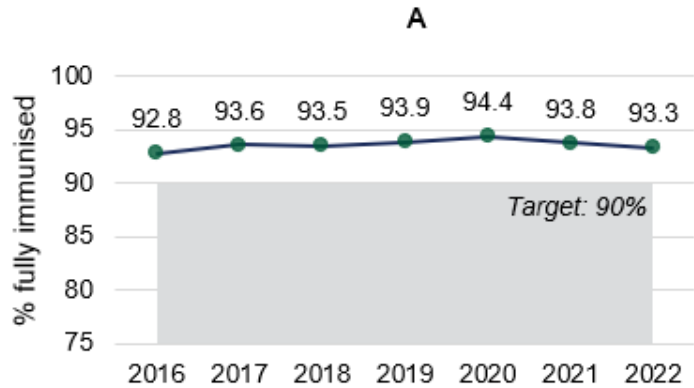
KPI 4
Achieved



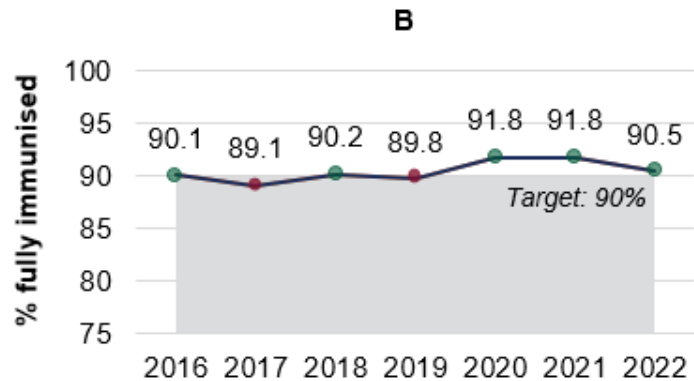
Source: AIR

KPI 5: Vaccination coverage in Aboriginal children equal to non-Aboriginal children

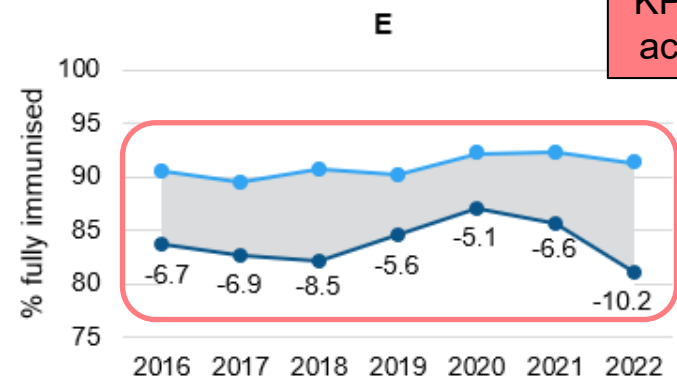
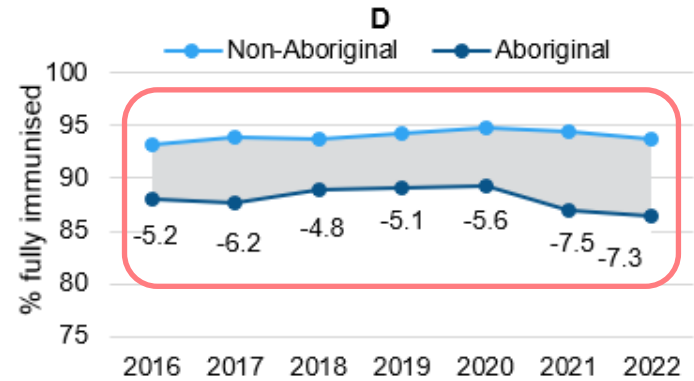
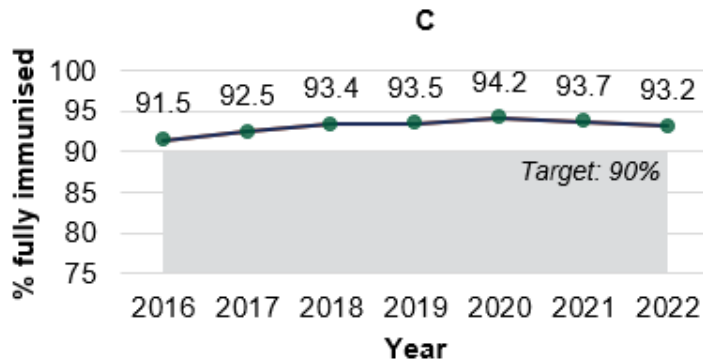
1 year old



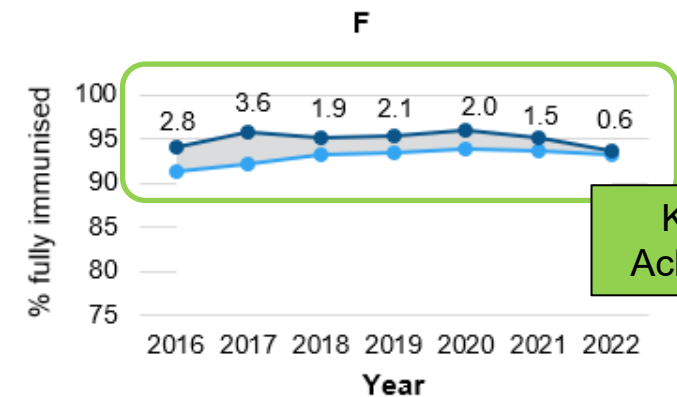
2 year old



5 year old



KPI 5 Not achieved

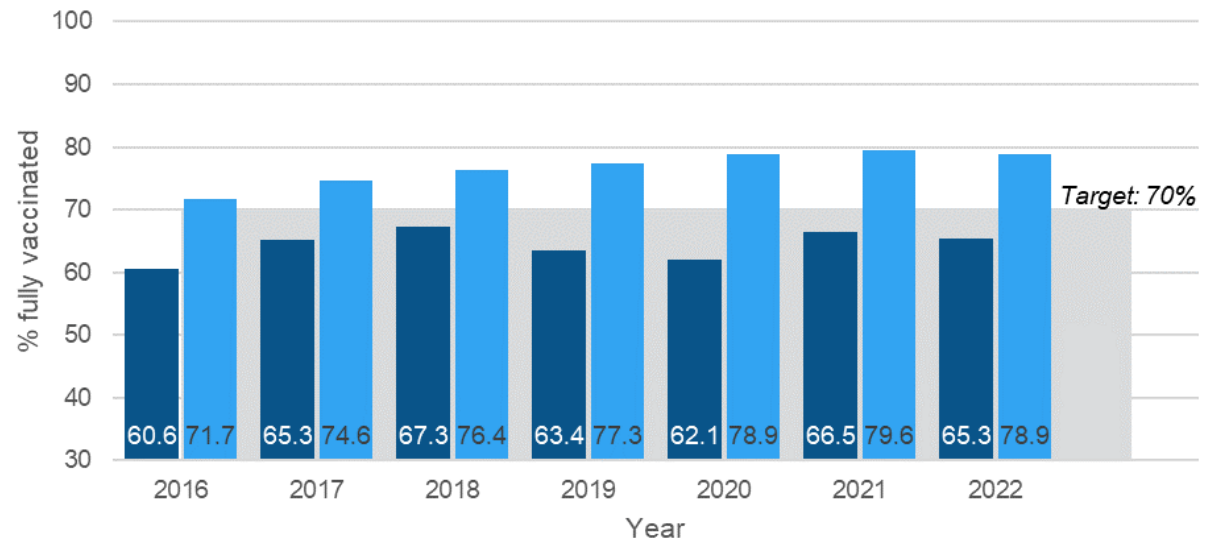
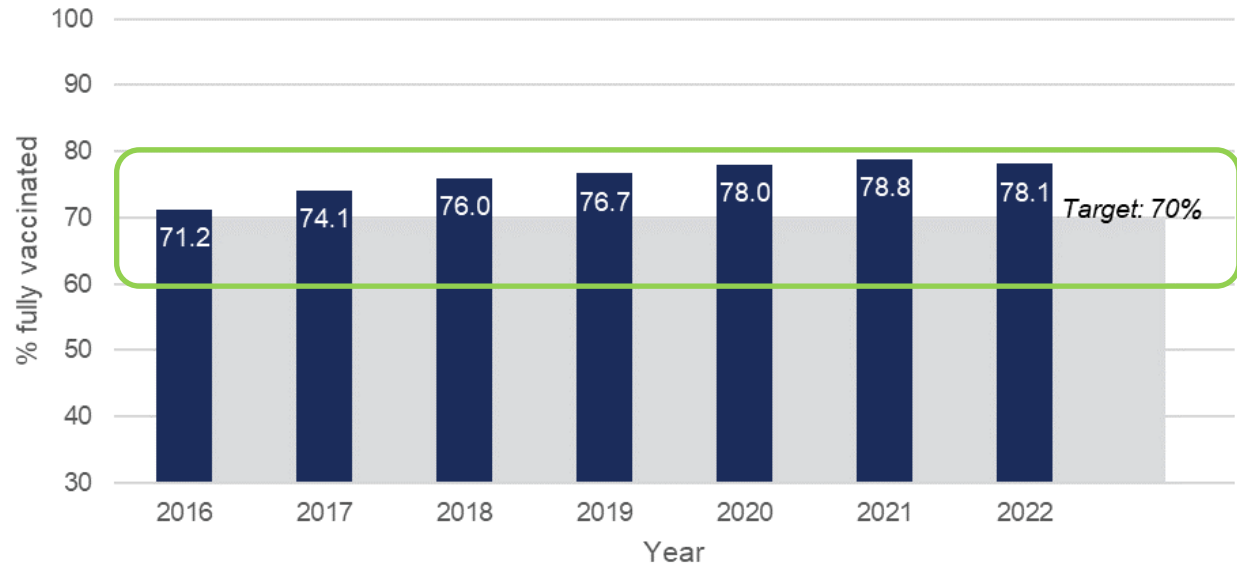


KPI 5 Achieved

Source: AIR

KPI 6: HPV vaccination coverage in Adolescents > 70%

KPI 6
Achieved



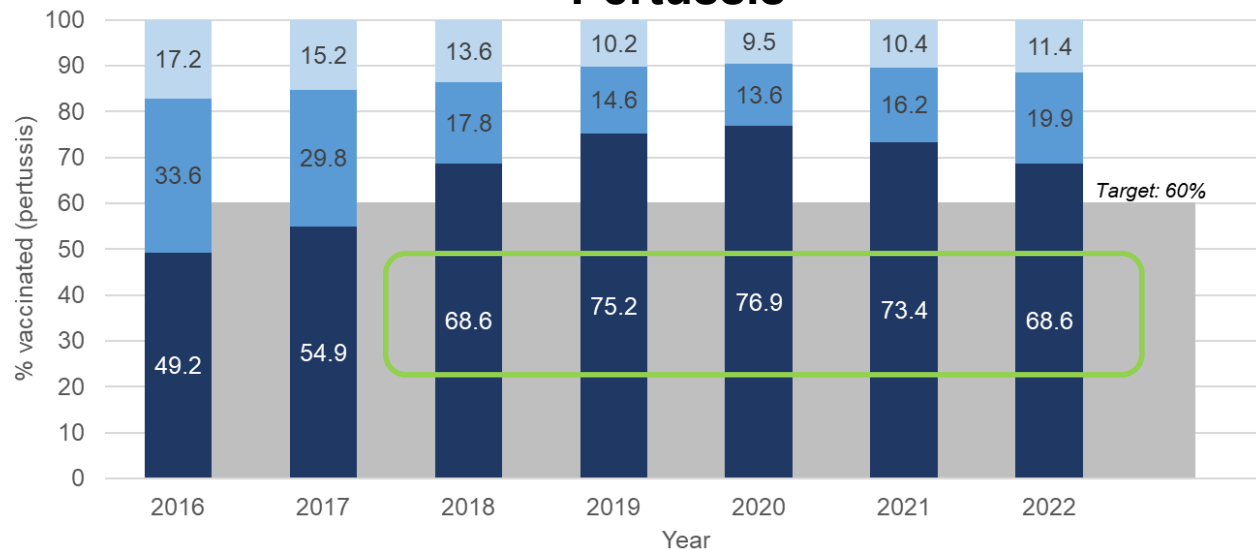
■ Aboriginal ■ Non-Aboriginal

Source: AIR

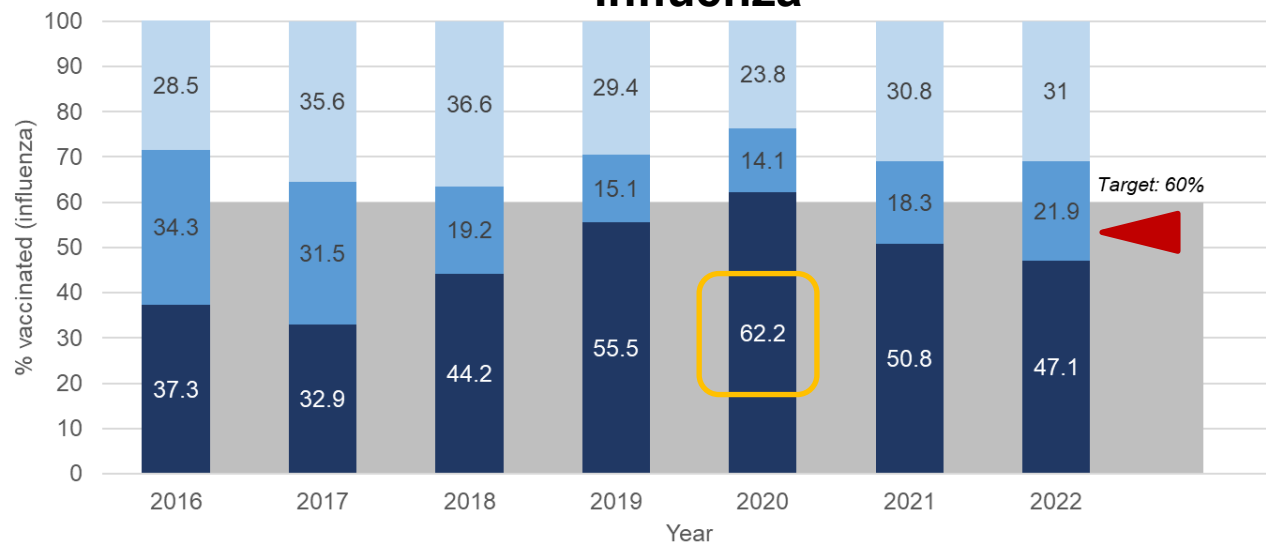
KPI 7: Antenatal vaccination coverage above 60%

**KPI 7
Partially
achieved**

Pertussis



Influenza



■ Vaccinated ■ Unknown if vaccinated ■ Not vaccinated

Source: MNS

THE KEY EVALUATION QUESTIONS WERE

1. How **effectively** was the Strategy implemented between 2016 and 2022?
 - i. To what extent was each KPI achieved?
 - ii. To what extent was each objective achieved?

2. How **appropriate** was the Strategy in guiding the optimisation of immunisation service delivery across the State?
 - i. To what extent did the Strategy provide clear direction on optimising immunisation service delivery in WA?

Which objectives were achieved?

Objectives	Fulfillment of strategies % (n/n)	Outcome
1. Increase vaccination coverage for young children	86% (6/7)	Achieved
2. Increase vaccination coverage for Aboriginal people	83% (5/6)	Achieved
3. Increase vaccination coverage for adolescents	100% (7/7)	Achieved
4. Increase vaccination coverage for adults	86% (6/7)	Achieved
5. Increased support provided to immunisation providers	100% (8/8)	Achieved
6. Increased immunisation workforce capacity	100% (5/5)	Achieved
7. Improve vaccine preventable disease surveillance and outbreak response	67% (4/6)	Partially achieved
8. Improve vaccine safety monitoring	100% (7/7)	Achieved
9. Improve communication with stakeholders and the community	50% (4/8)	Partially achieved
10. Encourage and support applied immunisation research	100% (3/3)	Achieved
<i>Progress calculated as the proportion (number of strategies achieved)/(number of strategies in the objective)</i>		

THE KEY EVALUATION QUESTIONS WERE

1. How **effectively** was the Strategy implemented between 2016 and 2022?
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- **Aims of the survey:**
 - clarity of the Strategy and the objectives
 - appropriateness of the Strategy
 - support provided by WA Department of Health to organisations
- **Survey completion:**
 - 15/29 (52%) of participants responded, from the following organisations:
 - Aboriginal Health Council of WA (AHCWA)
 - Child and Adolescent Health Service (CAHS)
 - Communicable Disease Control Directorate (CDCD)
 - Metropolitan Communicable Disease Control (MCDC)
 - North Metropolitan Health Service (NHMS)
 - Pharmaceutical Society of Australia, WA Branch (PSA)
 - Royal Australian College of General Practitioners (RACGP)
 - South Metropolitan Health Service (SMHS)
 - WA Country Health Service (WACHS)
 - WA Primary Health Alliance (WAPHA)

Clarity of the Strategy:

- Most respondents agreed that the overarching Strategy as well as the individual objectives clearly guided service delivery.

Usefulness of the Strategy:

- Respondents used the Strategy to guide:
 - organisation-specific immunisation strategies
 - operational objectives and activities
 - funding applications
 - communications to their workforce
 - reporting and surveillance
 - advocacy to government, and research engagement.

Survey results

What were successes, opportunities, internal and external barriers for each objective?



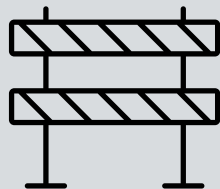
Successes and opportunities:

- training of immunisation providers
- funding of projects and staff
- partnerships/collaborations between organisations
- providing promotional materials and resources to GPs.



Internal challenges:

- insufficient resourcing
- staff recruitment and retention
- competing priorities



External challenges:

- geographical distance and remoteness
- vaccine hesitancy
- insufficient resourcing
- limitations on health professionals able to vaccinate

Progress made under the strategy

- Influenza vaccination coverage in older adults (Obj. 4 & KPI 4)
- Pertussis vaccination in pregnant women (Obj. 4 & KPI 7)
- Improved workforce capacity (Obj. 5)
- New vaccine safety systems (Obj. 8)
- Immunisation-related research (Obj. 10)



Areas for improvement

- Very low coverage in 2 year old children (less than 90%)
- Declining coverage in Aboriginal children
- Declining coverage in adolescents
- Declining coverage in antenatal vaccines since 2020
- Comparatively low uptake of influenza vaccination in pregnant women

Recommendations

- Improve immunisation coverage
- Improve community confidence in immunisation
- Maintain and enhance achievements realised under current Strategy
- Ensure the next Strategy is clear and appropriate for immunisation service providers
- Improve reporting and monitoring of progress being made under the next Strategy

Next steps

- Final evaluation report will be disseminated to key stakeholders by end 2023.
- Development of the WA Immunisation Strategy 2024-2028; expected to be published Q1 2024.

Any questions?



Thanks to:

- CDCD Immunisation Program
- Survey respondents
- WAISISC