

Vaccine delivery

- National Immunisation Program
- Private Scripts
- Timing
- Co-administration opportunities

National Immunisation Program



AGE	Diseases	Vaccine Brand
50 years and over	Pneumococcal (Aboriginal and Torres Strait Islander adults)	Prevenar 13® / Pneumovax 23® (2-12 months later)
	Shingles (Aboriginal and Torres Strait Islander adults)	Shingrix®
60 years and over	Respiratory Syncytial Virus (RSV) (Aboriginal and Torres Strait Islander adults)	Arexvy®
65 years and over	Influenza	Fluad®
	Shingles	Shingrix®
70 years and over	Pneumococcal (non-Aboriginal and Torres Strait Islander adults)	Prevenar 13®
75 years and over	Respiratory Syncytial Virus (RSV) (non-Aboriginal and Torres Strait Islander adults)	Arexvy®

National Immunisation Program – specified medical risk conditions



IMMUNISATION
COALITION

- Influenza (all ages)
- Pneumococcal (all ages)
- Shingles (18 years and over)
- <https://immunisationhandbook.health.gov.au/#vaccination-for-special-risk-groups>

COVID-19 – 2020 to 2023

Notifications Received By Age Group

Diagnosis Year	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
2026	4,623	1,656	1,379	998	963	1,070	1,448	1,496	1,400	1,124	1,132	1,083	1,035	1,021	1,175	1,420	1,386	2,342
2025	18,929	5,977	6,120	6,292	6,384	7,810	9,545	11,021	10,496	8,900	8,964	8,711	9,199	9,513	10,601	12,881	12,415	22,396
2024	25,371	7,981	8,753	10,507	11,639	15,212	18,129	19,635	19,249	17,640	18,920	18,098	19,059	19,280	21,027	24,737	23,757	42,610
2023	31,951	24,248	32,622	32,426	41,790	54,149	61,387	67,494	65,058	59,965	61,475	56,449	55,653	48,104	44,474	39,637	32,358	54,543
2022	448,780	609,653	708,412	681,127	810,236	898,071	915,009	906,336	808,486	715,720	656,816	542,095	469,699	348,353	274,258	199,152	129,047	157,682
2021	22,528	32,455	30,602	43,752	75,281	70,933	55,574	42,761	3,859	30,118	27,881	22,348	17,067	11,960	8,431	5,734	3,762	3,946
2020	731	757	942	1,498	2,912	3,417	2,757	2,174	1,736	1,893	1,736	1,605	1,368	981	846	731	626	1,442

COVID-19 – 2024 +



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COVID-19 vaccine recommendations

- Healthy adults 18-64 years **can consider** a booster every year
- Healthy adults 65-74 years recommended to get a booster every year
- Adults with medical problems are recommended to get a booster every 6 months
- People aged 75 years + recommended to get a booster every 6 months
- *No recommended interval between COVID-19 vaccine dose and infection*

Recommending unfunded vaccines

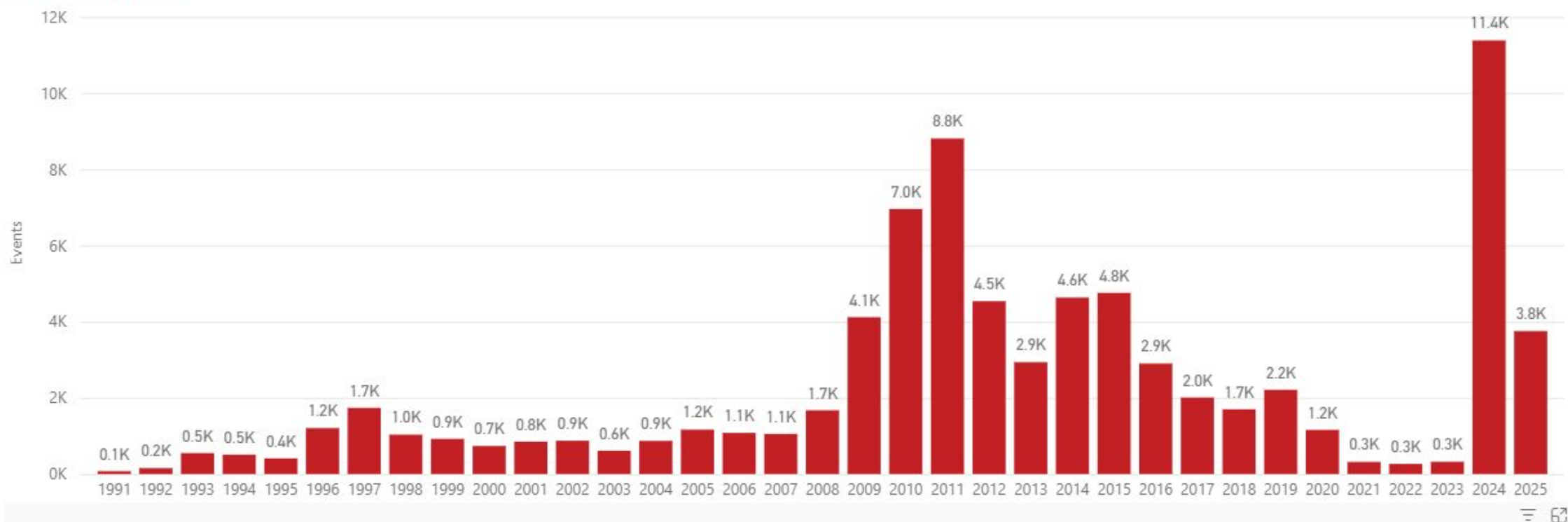
- 29% of family physicians reported rarely or never discussing non-funded vaccines at routine immunisation visit (cost foremost barrier) [Taylor KA, 2014]
- Recommending a vaccine without funding is likely to result in low coverage (Marshall H, 2009)

Private scripts

- **Influenza (adults without risk factors).** ¼ of Australians aged 50-64yrs are considered high risk for complications arising from influenza (Newall, 2008)
- **Shingles (from 50 years).** Risk increases sharply from age 50
- **RSV (esp. medical risk factors aged ≥ 60 years).** Increased risk of severe disease
- **Pertussis (all adults, particularly new fathers/grandparents)**

Pertussis

Events by year



Notifiable condition (click to [un]select)	Past 12M	YTD	YTD-1	YTD-2	YTD-3	Total 2024	Total 2023	Total 2022	Total 2021	Total 2020	Total 2019	Total 2018	Total 2017	Total 2016	Tot
Pertussis	12,438	3,751	2,693	129	190	11380	322	265	317	1159	2210	1699	2,008	2,900	

Timing

- RSV and influenza vaccines – before the season starts (April/May)
- Pertussis – before the next peak of illness, during pregnancy, 10 years since last dose
- COVID-19 circulates year round

Co-administration

- Influenza vaccines can be administered at the same time as, or at any interval before or after, other vaccines.
- This includes dTPa, respiratory syncytial virus (RSV), pneumococcal, and COVID-19 vaccines.
- <https://immunisationcoalition.org.au/healthcare-professionals/influenza-guide/>

Get the job done!



IMMUNISATION
COALITION



Sonja Elia Nurse
Practitioner Immunisation
- including BCG
Immunisation