

National HPV Vaccination Program Register (NHVPR)

n = 1,826,943 women
n = 4,864,571 episodes

Victorian Cervical Cytology Registry (VCCR)

n = 1,317,200 women
n = 6,651,062 episodes

Analytic variables

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Australian Institute of Health and Welfare (AIHW) Data Linkage Unit

Used statistical fields to generate keys on de-identified demographic data

Key generated records through deterministic linkage

n = 177,662 women matched and in both the VCCR and NHVPR

AIHW Cancer & Screening Unit

Data set created of VCCR episodes with current vaccination status at time of tests
n = 1,317,200 women

Cohort selection for study

Select all women in linked VCCR dataset with a cervical cytology screening test in the study period (n = 904,015 women)

Limit to women aged ≤ 17 years in 2007
(n = 38,981 women)

Exclude who

- died or had a hysterectomy prior to entry to cohort
 - had a cervical cancer diagnosis prior to entry to cohort
 - had a histologically confirmed high-grade cervical abnormality in 24 months preceding entry to cohort
- (n = 38,981 women)

Limit to unvaccinated or vaccinated women
(n = 38,956 women)