

Girls Fully Immunised with HPV Vaccine

Outcome

Youth are healthy, safe and supported.

Measure

Percentage of eligible girls fully immunised with HPV vaccine

Type

Contributory measure

Relationship(s) to other frameworks

This measure is part of the DHB non-financial monitoring framework and performance measures (Measure reference: PP21) which is available at: <https://nsfl.health.govt.nz/accountability/performance-and-monitoring/performance-measures/final-draft-performance-measures>

Delivery of this measure supports the overarching outcomes for the health and disability system of 'New Zealanders living longer, healthier and more independent lives', and 'The health system is cost effective and supports a productive economy' and the overarching goal that 'All New Zealanders live well, stay well, get well'.

Rationale

Cancers caused by HPV affect both men and women. HPV can cause cancer in various parts of the body, particularly the genital area, throat or mouth. The most common is cervical cancer. Each year in New Zealand, around 160 women are diagnosed with cervical cancer and around 50 women die from it.

Improved immunisation coverage leads directly to reduced rates of vaccine-preventable disease, and consequently better health and independence for children and adults (which ultimately equates to longer and healthier lives). This measure encourages collaboration between multiple agencies/organisations (DHBs, primary care and schools) so that appropriate local processes, including catch-up clinics, can be implemented to improve coverage.

Note: The HPV immunisation programme has been expanded to include boys from 1 January 2017. This measure focuses on HPV immunisation coverage for girls only. Immunisation coverage for boys may be included in the future once the programme is well embedded.

Eligible population

For 2017/18 measurement period: Girls born in 2004.

Measure status

Active

Measure definition

Numerator

Number of girls born in the relevant birth cohort who have completed their HPV immunisation course as per the National Immunisation Schedule and recorded on the NIR.

Denominator

The eligible population is estimated from the Census population projection denominator for the relevant birth cohort.

Because the population is estimated, the actual number of girls may be higher than estimated, resulting in HPV coverage rates of more than 100% in some instances.

National target

75% for the 2017/18 year

Local target

Milestones to be decided by Alliance

Data Sources

- National Immunisation Register (NIR) Data Mart
- DHB Quarterly Reporting Website

Data extracted from data sources

Current performance reports can be accessed directly from the relevant NIR Data Mart report (contact your DHB NIR coordinator for further information). The report will also be provided in the DHB quarterly reporting database at the end of quarter four.

Data availability

Data will be released by the Ministry of Health annually after 30 June.

Measure calculation process

- Immunisation events are recorded in the NIR transactional database.
- Data from the NIR transaction database are extracted to NIR Data Mart on a weekly basis.
- An individual is included in a DHB-level report based on their DHB of domicile that is assigned to their current address by an internal Geo Coding process.
- The report includes HPV immunisation events for all girls enrolled on the NIR who were born in the relevant year of birth (birth cohort) regardless of when they were vaccinated, up to the date of the analysis.
- A person is counted as fully immunised if, at the date of the analysis, the HPV immunisation course has been completed as per the National Immunisation Schedule (this may require

completion of two or three doses depending on the Schedule used) and recorded on the NIR.

- For 2017/18, the analysis will be run for immunisation events up to 30 June 2018 for girls born in 2004.

Relationship(s) to other measures

This measure supports the five SLM's that have been developed for youth health.

Measure development notes

Measure testing/piloting: Not applicable – this measure is active.

Implementation timeline: Not applicable – this measure is active.

Reporting frequency: The Ministry will be responsible for gathering data and releasing information to Alliances annually in quarter four via the DHB reporting database.

Measure implementation group: Immunisation Team.