

Women enrolled in a PHO aged 25 to 69 years who have had a cervical sample taken in the past three years

Outcome

A reduction in the number of avoidable deaths and improved coverage for priority groups of women who are under-screened.

Measure

Women aged 25 to 69 years enrolled in a Primary Health Organisation (PHO) who have had a cervical sample taken for cytology in the past three years.

Type

Contributory measure

Relationship(s) to other frameworks

This measure is aligned with the current cervical screening coverage target.

Rationale

Early detection and treatment of pre-cancerous lesions will lower the incidence of cervical cancer and premature deaths from cervical cancer.

While the recommended screening interval is from age 20 to 69 years, coverage counts women aged 25 to 69 years who have had a cervical sample taken in the past three years. This allows time for women to have their first cervical sample taken and be counted in the numerator.

Eligible population

All women aged 25 to 69 years old who are enrolled with a PHO

Measure status

Active

Numerator

Count of women aged 25 to 69 years old at the end of the quarter who are enrolled with a PHO and have had a cervical sample taken for cytology in the past three years.

Denominator

Count of women aged 25 to 69 years old who are enrolled with a PHO, and adjusted for the expected number of women who have had a hysterectomy.

National target

80% for Maori, 80% for Pacific, 80% for Asian, 80% for European/Other and 80% overall

Local target

Milestones to be decided by Alliance

Data Sources

- PHO Enrolment Register
- NCSP Register (via data from the NCSP Data mart)

Data extracted from data sources

PHO Enrolment Register

- Enrolment Quarter
- Lead DHB Name
- PHO ID (PerOrg)
- PHO Name
- PHO Practice
- PHO Practice ID
- NHI
- Date of Birth
- Gender
- Ethnicity
- Deprivation Level

Conditions:

- Where gender is female
- Where age is between 25 and 69 as at end of the PHO enrolment quarter
- Where the PHO enrolment quarter is the one closest to the last month where complete cervical screening data is available

NCSP Data

- NHI
- Date of Screening
- Date of Birth

Condition:

- Where the date of screening occurred in the three years prior to the end of the PHO enrolment quarter

Data availability

PHO cervical screening data is available on a monthly basis from the National Cervical Screening Programme via the PHO Cervical Screening Data Match Report.

Measure calculation process

1. Calculate the numerator as per the measure definition
2. Calculate the denominator from the PHO Enrolment Register as per the measure definition
3. Adjust the denominator for hysterectomy
4. Divide the results of step 1 by the results of step 3.

Relationship(s) to other measures

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Measure development notes

Hysterectomy algorithms applied to this measure can be sourced from the National Screening Unit at the Ministry of Health.