

Infants who have received all WCTO core contacts due in their first year

HQMNZ ID: HQM16.6.29.944

Outcome

All children and their families and whānau achieve their health and wellbeing potential.

Measure

Infants who have received all Well Child Tamariki Ora (WCTO) core contacts due in their first year

Type

Contributory measure

Relationship(s) to other frameworks

This measure is drawn from the Well Child Tamariki Ora (WCTO) Quality Improvement Framework (Quality Indicator 3): Ministry of Health. 2015. Indicators for the Well Child/Tamariki Ora Quality Improvement Framework – March 2015. Wellington: Ministry of Health Framework available at: www.health.govt.nz

Rationale

The early years of life set the foundation for lifelong health and wellbeing. The WCTO programme is a package of universal health services offered free to all New Zealand families/whānau for children from birth to 5 years. The programme includes 12 Core Contacts.

WCTO supports NZ families/whānau to protect and improve their child's health so they can grow and develop to their full potential.

Eligible population

Infants reaching the age band for Core 6 (14m or 425 days) during the reporting period who have previously received a Core Contact by 6 weeks or 42 days
Infants reaching the age band for Core 6 (14m or 425 days) during the reporting period who have previously received a Core Contact by 6 weeks or 42 days

Measure status

Active

Numerator

Number of infants where contact was able to be made by six weeks and who received all five Core Contacts by 424 days (13m4w1d)

Denominator

Number of infants where contact was able to be made by six weeks who reached the age band for Core Contact 6 (424 days or 13m4w1d)

National target

90%

Local Target

Milestones to be decided by Alliance

Data Sources

Well Child Tamariki Ora (WCTO) National Dataset

Data extracted from data sources

- Age_at_contact
- Is_it_a_Core_Contact
- NHI
- Ethnicity_NHI
- Deprivation_NHI
- DHB_from_DOM

Data availability

This measure is reported twice a year (normally in March and September) on the Ministry of Health website: www.moh.govt.nz (Search: Well Child Tamariki Ora)

Measure calculation process

Filters applied to the overall data

- Age_at_contact = 0 to 424 days
- Is_it_a_Core_Contact? = Yes

Filters applied for demography

- Ethnicity_NHI = Maori, Pacific, Asian, European, Other
- Deprivation_NHI = NZDep06 1-10
- DHB_from_DOM = DHB of domicile for NHI number

1. Denominator is extracted from the overall WCTO National Dataset using filters above with age at contact <42 days and is it a Core Contact – Yes.

2. Numerator is extracted from the overall WCTO National Dataset using filters above with age at first contact <42 days, is it a Core Contact Yes and age at contact <424 days. Pivot table then performed to determine the total count of Core Contacts by NHI number to select those NHIs who received 5 or more Core Contacts.

3. Numerator is divided by denominator and calculated as a percentage.

Demography filters are used to arrive at rates for “Total”, “Maori”, “Pacific” and “NZDep9-10”

Measure development notes