

National Core Maternity Indicators: PI 07—Normal (non-instrumental) vaginal birth for selected women giving birth for the first time (2016)

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National Core Maternity Indicators: PI 07—Normal (non-instrumental) vaginal birth for selected women giving birth for the first time (2016)

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Common name:	Normal (non-instrumental) vaginal birth for selected women giving birth for the first time.
Short name:	PI 07—Normal (non-instrumental) vaginal birth for selected women giving birth for the first time (2016)
METEOR identifier:	613186
Registration status:	Health , Superseded 06/09/2018
Description:	The proportion of women who gave birth for the first time and who met the selection criteria*, who gave birth vaginally without instrumental assistance.
Rationale:	This indicator is used to benchmark practice.
Indicator set:	National Core Maternity Indicators (2016) Health , Superseded 06/09/2018

Collection and usage attributes

Population group age from:	20 years
Population group age to:	34 years
Computation description:	The proportion of women who gave birth for the first time and who met the selection criteria*, who gave birth vaginally without instrumental assistance.

* Selection criteria: Women included are those who gave birth for the first time and met all of the following criteria:

- aged between 20 and 34 years
- gestational age at birth between 37 and 41 completed weeks
- pregnancy has one baby only (singleton)
- the presentation of the baby is vertex (baby's head was at the cervix).

Excluded are those women who have given birth prior to the current birth or who did not meet the selection criteria.

Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	Number of selected women who had a non-instrumental vaginal birth.
Numerator data elements:	

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth event—birth method, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Product of conception—gestational age, completed weeks N\[N\]](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth event—birth presentation, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth event—birth plurality, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Female—parity, total pregnancies N\[N\]](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

All selected women.

Denominator data elements:

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

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Data source type: Administrative by-product data

Data Element / Data Set

[Product of conception—gestational age, completed weeks N\[N\]](#)

Data Source

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Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth event—birth presentation, code N](#)

Data Source

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[Birth event—birth plurality, code N](#)

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Data Element / Data Set

[Female—parity, total pregnancies N\[N\]](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Disaggregation:

- Year of birth
- State or territory of birth
- Hospital annual number of births
- Remoteness category (from mother's area of usual residence)
- Indigenous status of mother
- Hospital sector
- Patient elected accommodation status

Disaggregation data

Data Element / Data Set

elements:

Data Element

Hospital annual number of births

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

Hospital sector

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Data Element / Data Set

[Birth event—state/territory of birth, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—patient election status, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Data Element / Data Set

[Person—area of usual residence, geographical location code \(ASGC 2011\)
NNNNN](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Guide for use

Data source type: Administrative by-product data

Comments:

Data elements are from the Perinatal national minimum data set (NMDS) or have been provided as voluntary non-standardised items by the states and territories. Records with data that are missing, not stated or not interpretable have been excluded from the denominator.

A birth is defined as the event in which a baby comes out of the uterus after a pregnancy of at least 20 weeks gestational age or weighing 400 grams or more.

A non-instrumental vaginal birth is one in which the baby is born through the vagina without the assistance of instruments.

Patient elected accommodation status is available for all jurisdictions from 2006.

Source of definition: Australian Council of Healthcare Standards (ACHS) Indicator 1.1: Selected women giving birth for the first time who have a spontaneous vaginal birth. The ACHS defines a spontaneous vaginal birth as a vaginal birth, regardless of onset of labour, which is not assisted by forceps or vacuum and is not a vaginal breech delivery. This ACHS indicator is based on the definition by Women's Healthcare Australasia (WHA) Core Maternity Indicators Project (CMIP).

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN.N]

Data source attributes

Data sources:

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Frequency

Calendar years ending 31 December each year

Data custodian

Australian Institute of Health and Welfare

Relational attributes

Related metadata references:

Supersedes [National Core Maternity Indicators: PI 07-Normal \(non-instrumental\) vaginal birth for selected women giving birth for the first time \(2013\)](#)

[Health](#), Superseded 02/02/2016

Has been superseded by [National Core Maternity Indicators: PI 07-Non-instrumental vaginal birth for selected females giving birth for the first time, 2018](#)

[Health](#), Superseded 19/06/2019

