

# **National Core Maternity Indicators: PI 03—Episiotomy for females giving birth for the first time and giving birth vaginally, 2018**

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# National Core Maternity Indicators: PI 03— Episiotomy for females giving birth for the first time and giving birth vaginally, 2018

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Common name:</b>	Episiotomy for females giving birth for the first time and giving birth vaginally
<b>Short name:</b>	PI 03—Episiotomy for females giving birth for the first time and giving birth vaginally, 2018
<b>METEOR identifier:</b>	690076
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 19/06/2019
<b>Description:</b>	Among all females who had their first baby (a) the proportion who received an episiotomy during a non-instrumental vaginal birth, and (b) the proportion who received an episiotomy during an instrumental vaginal birth.
<b>Rationale:</b>	This indicator is used to benchmark practice.
<b>Indicator set:</b>	<a href="#">National Core Maternity Indicators, 2018</a> <a href="#">Health</a> , Superseded 19/06/2019

## Collection and usage attributes

<b>Computation description:</b>	<p>(a) The number of females having their first baby who had an episiotomy during a non-instrumental vaginal birth, divided by the number of females having their first baby who gave birth vaginally and had a non-instrumental vaginal birth, and multiplied by 100.</p> <p>(b) The number of females having their first baby who had an episiotomy during an instrumental vaginal birth, divided by the number of females having their first baby who gave birth vaginally and had an instrumental vaginal birth, and multiplied by 100.</p> <p>A birth is defined as an event in which a baby comes out of the uterus after a pregnancy of at least 20 weeks gestation or weighing 400 grams or more.</p> <p>Included are those females who gave birth for the first time and had a vaginal birth, with or without instruments. Females who had a multiple birth are included if this was the first time they had given birth.</p> <p>Excluded are those females who did not give birth for the first time or gave birth by caesarean section.</p> <p>Instrumental vaginal birth means that the baby was delivered with the use of forceps or vacuum extraction.</p>
<b>Computation:</b>	$100 \times (\text{Numerator} \div \text{Denominator})$
<b>Numerator:</b>	<p>(a) The number of females having their first baby who had an episiotomy during a non-instrumental vaginal birth.</p> <p>(b) The number of females having their first baby who had an episiotomy during an instrumental vaginal birth.</p>

**Numerator data elements:**

**Data Element / Data Set**

[Female \(mother\)—postpartum perineal status, code N](#)

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2013-14](#)

**Guide for use**

This data item (code 5 & 6) was used for 2004 to 2013 analysis.

Data source type: Administrative by-product data

**Data Element / Data Set**

[Birth event—birth method, code N](#)

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Female \(mother\)—postpartum perineal status, code N\[N\]](#)

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**Guide for use**

This data item (code 5) was used for 2014 onwards analysis.

Data source type: Administrative by-product data

**Data Element / Data Set**

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

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

(a) The number of females having their first baby who gave birth vaginally and had a non-instrumental vaginal birth

(b) The number of females having their first baby who gave birth vaginally and had an instrumental vaginal birth.

**Denominator data elements:****Data Element / Data Set**

[Birth event—birth method, code N](#)

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

NMDS / DSS

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

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

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

NMDS / DSS

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Disaggregation:**

- Year of birth
- State or territory of birth
- Mother's age at birth
- Hospital annual number of births
- Hospital sector
- Primary Health Network (from mother's area of usual residence)
- Statistical local area 3 (from mother's area of usual residence)

**Disaggregation data elements:**

**Data Element / Data Set**

**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**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—date of birth, DDMMYYYY](#)

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—area of usual residence, statistical area level 2 \(SA2\) code \(ASGS 2016\) N\(9\)](#)

**Data Source**

[Perinatal National Minimum Data Set \(NMDS\)](#)

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**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.

In 2004-2013 analysis, total number of episiotomy was been calculated using the perineal status item in the Perinatal NMDS 2013-14, by combining code 5 (episiotomy) and 6 (combined laceration and episiotomy). However, there is no information on the degree of laceration on code 6. Therefore, there is an undercount in the degree of laceration.

In 2014, there was a revision of the perineal status data items in the Perineal NMDS 2014-2018 from 2014. This meant that the perineal status was split between seven perineal status data items, which captures the perineal status relevant to each delivery. As a result, the episiotomy can be calculated using one data item, *Perineal status: Episiotomy* (code 5). Note that a female can have both an episiotomy and recorded laceration, the new data item has been operationalised to allow this.

Source of definition: Core Maternity Indicator Project, Indicator 4 (WHA 2007).

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[NN.N]

## Data source attributes

**Data sources:**

### Data Source

[Perinatal National Minimum Data Set \(NMDS\)](#)

#### Frequency

Annual

#### Data custodian

Australian Institute of Health and Welfare

### Data Source

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

#### Frequency

Calendar years ending 31 December each year

#### Data custodian

Australian Institute of Health and Welfare

## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare.

**Reference documents:** WHA (Women's Healthcare Australasia) 2007. Supporting excellence in maternity care: the core maternity indicators project: findings from the core maternity indicators project. Canberra: WHA.

## Relational attributes

**Related metadata  
references:**

Supersedes [National Core Maternity Indicators: PI 03—Episiotomy for women giving birth for the first time and giving birth vaginally \(2016\)](#)  
[Health](#), Superseded 06/09/2018

Has been superseded by [National Core Maternity Indicators: PI 03—Episiotomy for females giving birth for the first time and giving birth vaginally, 2019](#)  
[Health](#), Superseded 16/09/2020