

National Core Maternity Indicators: PI 03—Episiotomy for females giving birth for the first time and giving birth vaginally, 2024

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National Core Maternity Indicators: PI 03— Episiotomy for females giving birth for the first time and giving birth vaginally, 2024

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Common name:	Episiotomy for females giving birth for the first time and giving birth vaginally
Short name:	PI 03—Episiotomy for females giving birth for the first time and giving birth vaginally, 2024
METEOR identifier:	785328
Registration status:	Health , Recorded 21/02/2024
Description:	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.
Rationale:	This indicator is used to benchmark practice.
Indicator set:	National Core Maternity Indicators, 2024 Health , Recorded 21/02/2024

Collection and usage attributes

Computation description:	<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 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 had an instrumental vaginal birth, and multiplied by 100.</p> <p>A birth is defined as the complete expulsion or extraction from a female, of a product of conception of 20 or more completed weeks of gestation or of 400 grams or more birthweight.</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>
Computation:	$(\text{Numerator} \div \text{Denominator}) \times 100$
Numerator:	<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

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

Guide for use

This data item (code 5 & 6) was used for 2005 to 2013 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 2022–23](#)

Guide for use

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 2022–23](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

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

NMDS / DSS

[Perinatal NMDS 2022–23](#)

Guide for use

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

Data source type: Administrative by-product data

Denominator:

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

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

Denominator data elements:

Data Element / Data Set

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

Data Source

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

NMDS / DSS

[Perinatal NMDS 2022–23](#)

Guide for use

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 2022–23](#)

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

Derived directly from the NPDC variable *size of hospital in the state or territory*.

Data Element / Data Set

Data Element

Hospital sector

Data Source

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

Guide for use

Derived directly from the NPDC voluntary non-standard variable *establishment sector*.

Data Element / Data Set

[Person—date of birth, DDMMYYYY](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2022–23](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

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

NMDS / DSS

[Perinatal NMDS 2022–23](#)

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 \(ASGS Edition 3\) N\(9\)](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2022–23](#)

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 a permissible value have been included in the denominator.

In 2004–2013 analysis, total number of episiotomies were calculated using a voluntary perineal status item by combining code 5 (episiotomy) and 6 (combined laceration and episiotomy).

In 2014, a standardised item Female-postpartum perineal status, code N[N] was introduced into the Perinatal NMDS. 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 adjusted 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

Accountability attributes

Reporting requirements: No formal reporting requirements

Organisation responsible for providing data: Australian Institute of Health and Welfare

Accountability: Australian Institute of Health and Welfare

Release date: 14/06/2013

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 females giving birth for the first time and giving birth vaginally, 2023](#)
[Health](#), Standard 14/07/2023