

# National Core Maternity Indicators: PI 09—General anaesthetic for females giving birth by caesarean section, 2021

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# National Core Maternity Indicators: PI 09—General anaesthetic for females giving birth by caesarean section, 2021

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Common name:</b>	General anaesthetic for females giving birth by caesarean section
<b>Short name:</b>	PI 09—General anaesthetic for females giving birth by caesarean section, 2021
<b>METEOR identifier:</b>	748047
<b>Registration status:</b>	<a href="#">Health!</a> , Standard 17/12/2021
<b>Description:</b>	The proportion of all females who gave birth by caesarean section and had a general anaesthetic.
<b>Rationale:</b>	This indicator is used to benchmark anaesthetic care in association with caesarean section.
<b>Indicator set:</b>	<a href="#">National Core Maternity Indicators, 2021</a> <a href="#">Health!</a> , Standard 17/12/2021

## Collection and usage attributes

<b>Computation description:</b>	<p>The number of females who gave birth by caesarean section and had a general anaesthetic, divided by the number of females who gave birth by caesarean section and recorded a permissible value for general anaesthetic, 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>Caesarean section is an operative procedure to remove the baby through an incision through the female's abdomen and uterus.</p> <p>Included are those females who gave birth by caesarean section.</p> <p>Excluded are those females who gave birth through the vagina.</p>
<b>Computation:</b>	$100 \times (\text{Numerator} \div \text{Denominator})$
<b>Numerator:</b>	The number of females who gave birth by caesarean section and had a general anaesthetic.

**Numerator data elements:**

**Data Element / Data Set**

[Birth event—anaesthesia administered indicator, yes/no/not stated/inadequately described code N](#)

**Data Source**

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

NMDS / DSS

[Perinatal NMDS 2019–20](#)

**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 2019–20](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Birth event—type of anaesthesia administered, code N\[N\]](#)

**Data Source**

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

NMDS / DSS

[Perinatal NMDS 2019–20](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

Number of females who gave birth by caesarean section and recorded a permissible value for general anaesthetic.

**Denominator data elements:**

**Data Element / Data Set**

[Birth event—anaesthesia administered indicator, yes/no/not stated/inadequately described code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2019–20](#)

**Data Element / Data Set**

[Birth event—birth method, code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2019–20](#)

**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
- Remoteness category (from mother's area of usual residence)
- Indigenous status of mother
- Disadvantage quintile (from mother's area of usual residence)
- Labour/non-labour
- 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**

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**

Hospital sector

**Data Source**

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

**Data Element / Data Set**

[Person—date of birth, DDMMYYYY](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2019–20](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2019–20](#)

**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 2019–20](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Birth event—labour onset type, code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2019–20](#)

**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 2019–20](#)

##### 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. Only records with a permissible value have been included in the denominator.

Source of definition: Australian Council on Healthcare Standards (ACHS) Indicator 4.1: General anaesthesia for caesarean section. This ACHS indicator is based on the definition by Women's Healthcare Australasia Core Maternity Indicators Project (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:** ACHS (The Australian Council on Healthcare Standards) 2020. The Australasian Clinical Indicator Report: 2012-2019. 21st edn. Sydney: ACHS. Viewed 11 November 2021, <https://www.achs.org.au/our-services/pos/previous-acir-publications>.

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 09—General anaesthetic for females giving birth by caesarean section, 2020 Health!](#), Superseded 17/12/2021