

National Core Maternity Indicators: PI 09—General anaesthetic for females giving birth by caesarean section, 2020

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National Core Maternity Indicators: PI 09—General anaesthetic for females giving birth by caesarean section, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Common name:	General anaesthetic for females giving birth by caesarean section
Short name:	PI 09—General anaesthetic for females giving birth by caesarean section, 2020
METEOR identifier:	728730
Registration status:	Health! , Superseded 17/12/2021
Description:	The proportion of all females who gave birth by caesarean section and had a general anaesthetic.
Rationale:	This indicator is used to benchmark anaesthetic care in association with caesarean section.
Indicator set:	National Core Maternity Indicators, 2020 Health! , Superseded 17/12/2021

Collection and usage attributes

Computation description:	<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>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	The number of females who gave birth by caesarean section and had a general anaesthetic.

Numerator 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

[Birth event—type of anaesthesia administered, code 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

Data Element / Data Set

[Birth event—anaesthesia administered indicator, yes/no 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

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—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

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

Data Source

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

NMDS / DSS

[Perinatal NMDS 2014-18](#)

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
- 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

[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

[Birth event—labour onset type, 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—Indigenous status, 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—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](#)

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, Health Services Research Group, University of Newcastle) 2014. The Australasian Clinical Indicator Report: 2006-2013. 15th edn. Sydney: ACHS. Viewed 9 April 2018, https://www.achs.org.au/media/88679/clinical_indicator_report_2006_2013.pdf.

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, 2019](#) Health!, Superseded 16/09/2020

Has been superseded by [National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2021](#) Health!, Standard 17/12/2021