National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2023

Exported from METEOR (AIHW's Metadata Online Registry)

National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2023

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, 2023
METEOR identifier:	772619
Registration status:	Health, Standard 14/07/2023
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, 2023 Health, Standard 14/07/2023

Collection and usage attributes

Computation description:	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. 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. Caesarean section is an operative procedure to remove the baby through an incision through the female's abdomen and uterus. Included are those females who gave birth by caesarean section. Excluded are those females who gave birth through the vagina.
Computation:	100 × (Numerator ÷ 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—anaesthesia administered indicator, yes/no/not stated/inadequately described code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2021–22](#)

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 2021–22](#)

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 2021–22](#)

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 2021–22](#)

---Data Element / Data Set---

[Birth event—birth method, code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2021–22](#)

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
- Socioeconomic area (Index of Relative Socio-economic Disadvantage 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---

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---

[Person—date of birth, DDMMYYYY](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2021–22](#)

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 2021–22](#)

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 2021–22](#)

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 2021–22](#)

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 2021–22](#)

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

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

Source and reference attributes

Submitting organisation:	Australian Institute of Health and Welfare
Reference documents:	ACHS (The Australian Council on Healthcare Standards) 2021. The Australasian Clinical Indicator Report: 2013-2020. 22nd edn. Sydney: ACHS. Viewed 08 April 2022, 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, 2022](#)
[Health](#), Superseded 14/07/2023

Has been superseded by [National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2024](#)
[Health](#), Recorded 21/02/2024