National Core Maternity Indicators: PI 06-Caesarean section for selected women giving birth for the first time (2013)

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National Core Maternity Indicators: PI 06-Caesarean section for selected women giving birth for the first time (2013)

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Common name:	Caesarean section for selected women giving birth for the first time.
Short name:	PI 06-Caesarean section for selected women giving birth for the first time (2013)
METEOR identifier:	557089
Registration status:	Health, Superseded 02/02/2016
Description:	The proportion of all women who met the selection criteria* who gave birth by caesarean section.
Rationale:	This indicator is used to benchmark practice.
Indicator set:	National Core Maternity Indicators (2013) Health, Superseded 02/02/2016

Collection and usage attributes

Population group age from:	20 years
Population group age to:	34 years
Computation description:	Number of selected women giving birth for the first time who gave birth by caesarean section. * Selection criteria: Women included are those who gave birth for the first time and who met all of the following criteria for selected women, defined as: • aged between 20 and 34 years • gestational age at birth between 37 and 41 completed weeks • pregnancy has one baby only (singleton) • the presentation of the baby is vertex (baby's head was at the cervix) Excluded are those women who have given birth prior to the current birth or who did not meet the selection criteria.
Computation:	100 × (Numerator ÷ Denominator)
Numerator:	Number of selected women giving birth for the first time who gave birth by caesarean section.
Numerator data elements:	**Data Element / Data Set** Birth event—birth plurality, code N **Data Source** AIHW National Perinatal Data Collection (NPDC) **Guide for use** Data source type: Administrative by-product data **Data Element / Data Set** Person—date of birth, DDMMYYYY **Data Source**

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Birth event—birth method, code N

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Product of conception—gestational age, completed weeks N[N]

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Birth event—birth presentation, code N

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Female—parity, total N[N]

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Denominator: All selected women.

Denominator data elements:

Data Element / Data Set

Female (pregnant)—estimated gestational age, total weeks NN

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Birth event—birth plurality, code N

Data Source

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Data Element / Data Set

Person—date of birth, DDMMYYYY

Data Source

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Birth event—birth presentation, code N

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Female—parity, total N[N]

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Disaggregation:

- Year of birth
- State or territory of birth
- Hospital annual number of births
- Remoteness category (from mother's area of usual residence)
- Indigenous status of mother
- Hospital sector
- Patient elected accommodation status
- Labour/non-labour

Disaggregation data

Data Element / Data Set

elements:

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

Birth event—labour onset type, code N

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Establishment—organisation identifier (Australian), NNX[X]NNNNN

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Birth event—state/territory of birth, code N

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—date of birth, DDMMYYYY

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—Indigenous status, code N

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Episode of admitted patient care—patient election status, code N

Data Source

AIHW National Perinatal Data Collection (NPDC)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—area of usual residence, geographical location code (ASGC 2010) NNNNN

Data Source

AIHW National Perinatal Data Collection (NPDC)

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. Records with data that are missing, not stated or not interpretable have been included in the denominator.

A birth is defined as the 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.

Caesarean section is an operative procedure to remove the baby through an incision through a woman's abdomen and uterus.

Gestational age is a clinical measure of the duration of the pregnancy. For the National Perinatal Data Collection gestational age is reported as completed weeks.

Patient elected accommodation status is available from all jurisdictions from 2006.

Source of definition: Australian Council of Healthcare Standards (ACHS) indicator 1.4, Selected women giving birth for the first time undergoing caesarean section.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN.N]

Data source attributes

Data sources:

Data Source

AIHW National Perinatal Data Collection (NPDC)

Frequency

Calendar years ending 31 December each year

Data custodian

Australian Institute of Health and Welfare

Relational attributes

Related metadata references: Has been superseded by National Core Maternity Indicators: PI 06—Caesarean section for selected women giving birth for the first time (2016)
Health, Superseded 06/09/2018