# National Core Maternity Indicators: PI 02-Antenatal care in the first trimester for all women giving birth (2013)

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# National Core Maternity Indicators: PI 02-Antenatal care in the first trimester for all women giving birth (2013)

## Identifying and definitional attributes

| | |
|---|---|
| **Metadata item type:** | Indicator |
| **Indicator type:** | Indicator |
| **Common name:** | Antenatal care in the first trimester. |
| **Short name:** | PI 02-Antenatal care in the first trimester for all women giving birth (2013) |
| **METEOR identifier:** | 557080 |
| **Registration status:** | Health, Superseded 02/02/2016 |
| **Description:** | Among all women who gave birth, the proportion who commenced antenatal care in the first trimester (before 14 completed weeks gestational age). |
| **Rationale:** | This indicator is used to assess the accessibility of antenatal services. |
| **Indicator set:** | National Core Maternity Indicators (2013)<br>Health, Superseded 02/02/2016 |

## Collection and usage attributes

| | |
|---|---|
| **Computation description:** | The proportion of all women who gave birth and who commenced antenatal care in the first trimester (before 14 completed weeks gestational age). |
| **Computation:** | 100 × (Numerator ÷ Denominator) |
| **Numerator:** | The number of women who gave birth and who had their first antenatal visit before 14 weeks gestation. |
| **Numerator data elements:** | **Data Element / Data Set**<br>Birth event—birth method, code N<br>**Data Source**<br>AIHW National Perinatal Data Collection (NPDC)<br>**Guide for use**<br>Data source type: Administrative by-product data<br><br>**Data Element / Data Set**<br>Pregnancy—estimated duration (at the first visit for antenatal care), completed weeks N[N]<br>**Data Source**<br>AIHW National Perinatal Data Collection (NPDC)<br>**Guide for use**<br>Data source type: Administrative by-product data |
| **Denominator:** | The total number of women who gave birth. |

**Denominator data elements:**

**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

**Disaggregation:**

- Year of birth
- State or territory of 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)

**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**

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**

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. Only records with a non-missing value have been included in the denominator.

Data for gestational age at first antenatal visit for the National Perinatal Data Collection have been collected since 2007, but were not provided for births in all states and territories, nor were data collection practices uniform. This indicator therefore uses data provided by NSW, SA and the NT from 2007. The ACT also provided data but has not agreed these are suitable quality for publication. Qld provided data for births from July 2009. Many hospitals in SA did not provide data in 2007, though over time the number of hospitals contributing data has increased. The indicator therefore uses only records with a non-missing value for the denominator. Standardised collection of data for gestation at first antenatal visit using the national standard data element Pregnancy—estimated duration (at the first visit for antenatal care), completed weeks N[N] commenced for births from July 2010.

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.

Gestational age is a clinical measure of the duration of the pregnancy. Gestational age at the time of the first antenatal visit is assessed from the best estimate of gestational age available.

An antenatal visit is an intentional encounter between a pregnant woman and a midwife or doctor prior to labour to assess and improve maternal and fetal wellbeing.

All women who gave birth are included for the calculation of this indicator.

This indicator has been developed for use by the Council of Australian Governments for monitoring the National Healthcare Agreement and the National Indigenous Reform Agreement.

## 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 02—Antenatal care in the first trimester for all women giving birth (2016)
Health, Superseded 06/09/2018