

# National Core Maternity Indicators: PI 01–Tobacco smoking in pregnancy for all females giving birth, 2024

Exported from METEOR (AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at <https://creativecommons.org/licenses/by/4.0/>.

Enquiries relating to copyright should be addressed to [info@aihw.gov.au](mailto:info@aihw.gov.au).

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at [meteor@aihw.gov.au](mailto:meteor@aihw.gov.au).

# National Core Maternity Indicators: PI 01–Tobacco smoking in pregnancy for all females giving birth, 2024

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Common name:</b>	Tobacco smoking in pregnancy
<b>Short name:</b>	PI 01–Tobacco smoking in pregnancy for all females giving birth, 2024
<b>METEOR identifier:</b>	784924
<b>Registration status:</b>	<a href="#">Health</a> , Standard 29/05/2024
<b>Description:</b>	Among all females who gave birth, the proportion who (a) reported smoking tobacco in the first 20 weeks of pregnancy, and (b) reported smoking tobacco both in the first 20 weeks and after the first 20 weeks of pregnancy among females who reported smoking in the first 20 weeks of pregnancy.
<b>Rationale:</b>	This outcome indicator is used to monitor public health.
<b>Indicator set:</b>	<a href="#">National Core Maternity Indicators, 2024</a> <a href="#">Health</a> , Standard 29/05/2024

## Collection and usage attributes

<b>Computation description:</b>	<p>(a) The number of females who gave birth and reported smoking in the first 20 weeks of pregnancy, divided by the total number of females who gave birth with a known smoking status in the first 20 weeks of pregnancy, and multiplied by 100.</p> <p>(b) The number of females who gave birth and reported smoking in the first 20 weeks of pregnancy and after the first 20 weeks of pregnancy, divided by the total number of females who gave birth and reported smoking in the first 20 weeks of pregnancy, 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>Smoking refers to the use of cigarettes or inhaled tobacco.</p>
<b>Computation:</b>	$(\text{Numerator} \div \text{Denominator}) \times 100$
<b>Numerator:</b>	<p>(a) The number of females who gave birth and reported smoking tobacco in the first 20 weeks of pregnancy.</p> <p>(b) The number of females who gave birth and reported smoking tobacco in the first 20 weeks of pregnancy and after the first 20 weeks of pregnancy.</p>

**Numerator data elements:**

**Data Element / Data Set**

[Female—number of tobacco cigarettes smoked per day after 20 weeks of pregnancy, total N\[NN\]](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2022–23](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Female—tobacco smoking in the first 20 weeks of pregnancy indicator, yes/no/not stated/inadequately described code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2022–23](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

(a) The total number of females who gave birth with a stated smoking status in the first 20 weeks of pregnancy.

(b) The total number of females who gave birth and reported smoking in the first 20 weeks of pregnancy.

**Denominator data elements:**

**Data Element / Data Set**

[Female—tobacco smoking in the first 20 weeks of pregnancy indicator, yes/no/not stated/inadequately described code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2022–23](#)

**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
- Indigenous status of mother
- Remoteness category (from mother's area of usual residence)
- Socioeconomic area (Index of Relative Socio-economic Disadvantage from mother's area of usual residence)
- 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

Derived directly from the NPDC variable *size of hospital in the state or territory*.

**Data Element / Data Set**

Hospital sector

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2022–23](#)

**Guide for use**

Derived directly from the NPDC voluntary non-standard variable *establishment sector*.

**Data Element / Data Set**

[Person—date of birth, DDMMYYYY](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2022–23](#)

**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 2022–23](#)

**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 2022–23](#)

**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 \(ASGS Edition 3\) N\(9\)](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2022–23](#)

**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 a permissible value have been included in the denominator.

Standardised data collection for smoking in pregnancy commenced for births from July 2010. This will enable reporting against parts (a) among all females who gave birth the proportion who reported smoking tobacco in the first 20 weeks of pregnancy, and (b) among all females who gave birth and reported smoking in the first 20 weeks of pregnancy, the proportion who reported smoking after 20 weeks of pregnancy.

National Perinatal Data Collection (NPDC) data on smoking status and/or smoking quantity (number of cigarettes smoked) have been collected from New South Wales, Queensland, South Australia, and the Australian Capital Territory since 2001, and progressively from all other jurisdictions.

## 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  
**Release date:** 06/06/2013

## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare  
**Reference documents:** 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 01–Tobacco smoking in pregnancy for all females giving birth, 2023](#)  
[Health](#), Superseded 29/05/2024