

National Core Maternity Indicators: PI 01—Tobacco smoking in pregnancy for all women giving birth (2016)

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National Core Maternity Indicators: PI 01—Tobacco smoking in pregnancy for all women giving birth (2016)

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Common name:	Tobacco smoking in pregnancy
Short name:	PI 01—Tobacco smoking in pregnancy for all women giving birth (2016)
Synonymous names:	Smoking in pregnancy
METEOR identifier:	613173
Registration status:	Health , Superseded 06/09/2018
Description:	Among all women who gave birth, the proportion who reported smoking tobacco at any time during the pregnancy.
Rationale:	This outcome indicator is used to monitor public health.
Indicator set:	National Core Maternity Indicators (2016) Health , Superseded 06/09/2018

Collection and usage attributes

Computation description:	The proportion of women who reported smoking tobacco at any time during the pregnancy (proxy indicator).
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	The number of women who gave birth and reported smoking tobacco at any time during the pregnancy.
Numerator 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

Data Element / Data Set

[Female \(pregnant\)—tobacco smoking indicator \(first twenty weeks of pregnancy\), yes/no 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 \(pregnant\)—tobacco smoking indicator \(after twenty weeks of pregnancy\), yes/no 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 \(pregnant\)—number of cigarettes smoked \(per day first 20 weeks of pregnancy\), number N\[NN\]](#)

Data Source

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

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

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

Guide for use

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
- Hospital sector
- Remoteness category (from mother's area of usual residence)
- Indigenous status of mother
- State or territory of birth
- Hospital annual number of births
- Disadvantage quintile (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

[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—area of usual residence, geographical location code \(ASGC 2011\)
NNNNN](#)

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

Comments:

This indicator is a proxy. The numerator for the proxy indicator is the number of women who gave birth and reported smoking at any time in pregnancy. The denominator is the total number of women who gave birth. Records with data that are missing, not stated or not interpretable have been excluded from the denominator.

The aspirational indicator has two parts:

- (a) among all women who gave birth, the proportion who reported smoking tobacco in the first 20 weeks of pregnancy, and
- (b) among women who gave birth and reported smoking, the proportion who reported smoking after 20 weeks of pregnancy.

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.

Standardised data collection for smoking in pregnancy commenced for births from July 2010. This will enable reporting against parts (a) among all women who gave birth the proportion who reported smoking tobacco in the first 20 weeks of pregnancy and (b) among all women who gave birth the proportion who reported smoking after 20 weeks of pregnancy. For trend analysis purposes, this indicator will be using the proxy measure for 2004-2013 data.

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.

Smoking refers to the use of cigarettes or inhaled tobacco.

National Perinatal Data Collection (NPDC) data on smoking status and/or smoking quantity (number of cigarettes smoked) have been collected from NSW, Qld, SA and ACT since 2001, and progressively from all other jurisdictions. These data have been used to produce this proxy indicator.

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:

Supersedes [National Core Maternity Indicators: PI 01-Tobacco smoking in pregnancy for all women giving birth \(2013\)](#)

[Health](#), Superseded 02/02/2016

Has been superseded by [National Core Maternity Indicators: PI 01–Tobacco smoking in pregnancy for all females giving birth, 2018](#)

[Health](#), Superseded 19/06/2019