



National Perinatal Data Collection data availability resource

Web report | Last updated: 11 Oct 2023 | Topic: [Mothers & babies](#)

About

The AIHW's National Perinatal Data Collection (NPDC) is a national population-based cross-sectional collection of data on pregnancy and childbirth in Australia. The *NPDC data availability resource* is an interactive (data visualisation) information resource detailing all the data held in the NPDC. It includes timely information on data availability at the national and state/territory level, detailed information on the history of data elements (including data development), and practical information for users of the data.

Cat. no: PER 116

- [User guide](#)
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Introduction

About the NPDC data availability resource

The National Perinatal Data Collection (NPDC) is a national population-based cross-sectional collection of data on pregnancy and childbirth. It began in 1991 and is a collaborative effort by the AIHW and state and territory health departments. Perinatal data are collected for each birth in each state and territory. The data are collated by the relevant state or territory health department and a standard de-identified extract is provided annually to the AIHW to form the NPDC. Midwives and other birth attendants, using information obtained from mothers and from hospital or other records, complete notification forms for each birth.

The *NPDC data availability resource* is an interactive (data visualisation) information resource detailing data availability for data elements in the NPDC. Data availability is shown from 1991 to 2021 at the national and state/territory level. The resource also contains metadata information including accepted and alternate codes as well as tips to assist with analyses of the data.

Only those data elements with a high degree of reliability have been made publicly available through published reports. The *NPDC data availability resource* does not display the quality of the data it only displays the availability of the data. Published NPDC data can be found in the *Australia's mothers and babies* report.

Additional data can be requested from the NPDC through an official [data request](#).

Scope of the NPDC

The NPDC covers both live births and stillbirths, where gestational age is at least 20 weeks or birthweight is at least 400 grams (except in Victoria and Western Australia, where births are included if gestational age is at least 20 weeks or, if gestation is unknown, birthweight is at least 400 grams).

For more information please read the latest [NPDC data quality statement](#).

For a more detailed explanation of the collection of the NPDC please read [Data sources](#).

User guide

Navigating the NPDC data availability resource


The *NPDC data availability resource* is comprised of a large number of data elements which, for ease of use, have been organised into a number of categories and sub-categories.

There are 4 major categories:

1. Demographics
2. Antenatal period
3. Labour and birth
4. Baby outcomes.

These categories are then further divided into 29 subcategories. The categories and sub-categories can be navigated via drop down menus and buttons on the side of the page. For example, within the Antenatal period category there is a sub-category for smoking.

- ⌵ Demographics
- ⬆ Antenatal period
 - > Antenatal visits
 - > Maternal health conditions
 - > Physical measurements
 - > Smoking
 - > Alcohol
 - > Maternal vaccination
 - > Assisted reproduction technology flag
- ⌵ Labour and birth
- ⌵ Baby outcomes

Select data element: Smoking status DOWNLOAD PDF 

Smoking status

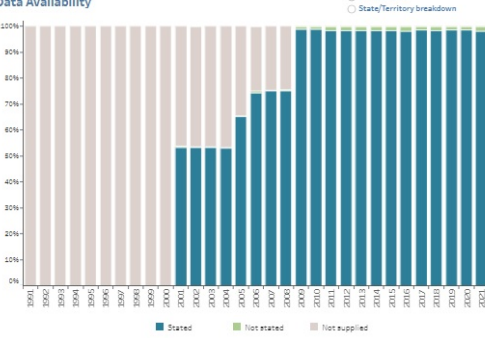
Variable: SMOKSTAT
 Status: Voluntary item
 Category: Antenatal period
 Format: Numeric 1
 Table: Mother file

Reporting of data item:
 Reporting on these data items can be found in Australia's mothers and babies [Smoking section](#).

Reporting in data tables:
 This data item is not reported by the AIHW but may be available by ad hoc data request. [Metadata information](#)
[Go to data information available](#)

Data Availability

National level
 State/Territory breakdown



Legend: ■ Stated ■ Not stated ■ Not supplied

Further Information

<p>Technical notes: This is a voluntary non-standard item in the NPDC, which can be derived from items implemented into the Perinatal NSBDS on 1 July 2020.</p>	<p>Data element and meanings: Smoking status during pregnancy: 1 = Smoked 2 = Did not smoke 9 = Not stated</p>	<p>Analysis tip: National time trends should only include data from 2009 onwards. Care should be taken when comparing data across time and jurisdictions due to differences in definitions and collection methods.</p>
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Each subcategory visualisation is comprised of a number of data elements. The data element displayed on the visualisation can be selected by clicking the box titled 'Select data element' and choosing the desired element.

Select data element:

Smoking status: first

Variable: SMOKSTAT1
 Status: NMDS
 Category: Antenatal period
 Format: Numeric 1
 Table: Mother file

- Smoking quantity
- Smoking quantity grouped
- Smoking quantity: after twenty weeks of pregnancy
- Smoking quantity: first twenty weeks of pregnancy
- Smoking status
- Smoking status: after twenty weeks of pregnancy
- Smoking status: first twenty weeks of pregnancy

Users can use the [Index of data elements](#) to search which category and subcategory visualisation a particular data element is listed under and navigate directly to the subcategory visualisation (the correct data element can then be selected by using the 'Select data element' box as detailed in the above step).

Each visualisation is comprised of 2 distinct views:

1. The first displays the national data by year as a stacked bar chart showing the rates of supplied, not stated and not supplied data.
2. The second view displays state and territory data availability by year as a data table (see 'Interpreting the data' for more information).

These 2 views can be navigated using the buttons below which appear at the top right of each visualisation. The first button directs the user to the first national view, the second to the state and territory breakdown table.

- National level
 State/Territory breakdown

Interpreting the data

The *NPDC data availability resource* presents the data for each element in the NPDC as:

Stated: proportion of records supplied with an appropriate value for the data element during the specified collection year (excluding the not stated value).

Not stated: proportion of records supplied as not stated, during the specified collection year.

Not supplied: proportion of records with missing data for that data element, during the specified collection year.

The State/Territory breakdown view of the visualisations is a data table that displays the rates of stated data. The higher the percent the higher the proportion of stated data. This is indicated in the data table through the use of a colour scheme. Grey meaning the data was not supplied/not stated, green meaning the data was partially stated and blue meaning the data was 100% stated for that state/territory for that year.

The National level view presents the data similarly. The grey shade refers to not supplied data, the green shade refers to not stated data and the dark blue shade refers to stated data.

Interpreting the metadata information

Each data element in the *NPDC data availability resource* has a metadata information box which provides specific metadata information about the data element. This can be found in the top left of the visualisations.

Variable: SMOKSTAT1
 Status: NMDS
 Category: Antenatal period
 Format: Numeric 1
 Table: Mother file

Variable: is the individual short name that is used in the NPDC to describe the element.

Status: defines how the item is collected by states and territories (see 'Types of data elements in the NPDC' for more details).

Category: is one of four major categories the data element falls into (see 'Navigating the NPDC data availability resource' for more details).

Format: is the way the data is collected. Numeric means that the data is collected as a number and Character means that the data is collected as numbers, letters and/or other characters. The number following either Numeric or Character refers to the number of characters allowed for the value.

Table: refers to whether this data element is collected in regards to the mother or their baby.

Reporting of the data item

The box in the top middle of the visualisation is designed to direct users to further information if required. The text box is linked to the relevant section in the Australia's mothers and babies report.

Reporting of data item:

Reporting on these data items can be found in Australia's mothers and babies

[Smoking section](#).

Reporting in data tables & Metadata information

The box in the top right of the visualisation lists the most relevant tables in the [Australia's mothers and babies data tables](#) (National Perinatal Data Collection annual update tables) under the 'Reporting in data tables' heading. Below the 'Metadata information' heading the relevant metadata identifier in the AIHW's meta data library (METEOR) is stated where applicable. It also links the to the relevant page when clicked.

Reporting in data tables:

This data item is not reported by the AIHW but may be available by ad hoc data request.

Metadata information:

[No metadata information available](#)

Download PDF

The 'Download PDF' button in the far top right allows users to download a static PDF file of the current view of the visualisation.



Types of data elements

National Minimum Data Set (NMDS): is a set of data elements agreed for mandatory collection and reporting at a national level. It may include data elements that are also included in other NMDSs. An NMDS is contingent upon a national agreement to collect uniform data and to supply it as part of the national collection, but does not preclude agencies and service providers from collecting additional data to meet their own specific needs (AIHW 2022).

National Best Endeavours Data Set (NBEDS): is a metadata set for which there is a commitment to provide data nationally on a best endeavours basis, but not formally mandated for national collection (AIHW 2022).

Voluntary item with a standard available: The AIHW has created a standard available via their online metadata registry METEOR and some jurisdictions provide this data either adhering to this standard or a standard that exists within the jurisdiction.

Voluntary item: Some states and territories provide this data using a standard that exists within their jurisdiction.

No longer collected: This item previously used to be collected, with either a standard or voluntarily, but is currently no longer collected by jurisdictions in this format. Often because a new data element has superseded this one.

Cross item filtering

Some data elements are recommended for use with a specific population. During analysis these data are filtered by another data element. Where this occurs in the *NPDC data availability resource*, data elements have been displayed conditionally, filtered by another data element. This has been done to present data availability as published or provided in data requests. For example, the availability for the Baby's length of stay in hospital (BABYSTAY) data item is presented based on Place of birth (PLACEBIR) having a value of 1 which corresponds to the baby being born at a hospital.

References

AIHW (Australian Institute of Health and Welfare). 2022. [National minimum data sets and data set specifications](#). Canberra: AIHW. Viewed 23 August 2022

Index of data elements

This index is designed to allow users to view all the data elements listed in the *NPDC Data Availability Resource*. This index also allows users to identify which category and subcategory a data element is listed under. Users can also search keywords in the 'Data item search' box below.

Users can click the subcategory to navigate directly to the subcategory visualisation that includes the chosen data element. The user will then need to manually select the desired data element from the 'Select data element' drop down menu.

More details on how to use the subcategory visualisations can be found in the [User guide](#)

The visualisation lists all the data elements contained in the product and lists which Category and Subcategory the element falls under. The visualisation includes a search function to search for specific elements and links to the Subcategory visualisation.

Data item search:

All

Search by short name:

All

NPDC Data Availability Resource Index

Data item	Short name	Category	
Active resuscitation method: CPAP	RESUSACT4	Baby outcomes	Baby resuscitation
Active resuscitation method: external cardiac compressions	RESUSACT6	Baby outcomes	Baby resuscitation
Active resuscitation method: intubation	RESUSACT5	Baby outcomes	Baby resuscitation
Active resuscitation method: IPPV	RESUSACT3	Baby outcomes	Baby resuscitation
Active resuscitation method: other	RESUSACT7	Baby outcomes	Baby resuscitation
Active resuscitation method: oxygen therapy	RESUSACT2	Baby outcomes	Baby resuscitation
Active resuscitation method: suction	RESUSACT1	Baby outcomes	Baby resuscitation
Active resuscitation status	RESUSACT	Baby outcomes	Baby resuscitation
Actual place of birth (baby file)	PLACEBIR	Labour and birth	Place of birth
Actual place of birth (mother file)	PLACEBIR	Labour and birth	Place of birth
Admission to special care nursery/neonatal intensive unit and length of stay	ADMITSN	Baby outcomes	Baby separation
Alcohol consumption frequency: after twenty weeks of pregnancy	ALCFREQ2	Antenatal period	Alcohol
Alcohol consumption frequency: first twenty weeks of pregnancy	ALCFREQ1	Antenatal period	Alcohol
Alcohol consumption quantity: after twenty weeks of pregnancy	ALCQUAN2	Antenatal period	Alcohol
Alcohol consumption quantity: first twenty weeks of pregnancy	ALCQUAN1	Antenatal period	Alcohol
Alcohol consumption status	ALCSTAT	Antenatal period	Alcohol
Alcohol consumption status during after twenty weeks of pregnancy	ALCSTAT2	Antenatal period	Alcohol
Alcohol consumption status during first twenty weeks of pregnancy	ALCSTAT1	Antenatal period	Alcohol
Anaesthesia	ANAESTH	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: combined spinal-epidural block	ANAESTH7	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: epidural or caudal	ANAESTH4	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: general	ANAESTH6	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: local to perineum	ANAESTH2	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: none	ANAESTH1	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: other anaesthesia	ANAESTH8	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: pudendal	ANAESTH3	Labour and birth	Anaesthesia
Anaesthesia for operative delivery: spinal	ANAESTH5	Labour and birth	Anaesthesia
Analgesia: Combined spinal-epidural block	ANALGES7	Labour and birth	Analgesia





Demographics





Demographics

Bar chart shows total percentage of Maternal demographics data supplied by states and territories between 1991 and 2021.

Visualisation not available for printing

Demographics

Bar chart shows total percentage of Baby demographics data supplied by states and territories between 1991 and 2021.

Select data element:
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Indigenous status of baby

Variable: BABY_IND
Status: NMDS item
Category: Demographics
Format: Numeric 1
Table: Baby file

Reporting of data item:
Reporting on this data item can be found in Australia's mothers and babies [First Nations mothers and babies section](#).

Reporting in data tables:
Reported in NPDC annual update table 3.4

Metadata information:
<https://meteor.aihw.gov.au/content/602543>

Data Availability

● National level
○ State/Territory breakdown

Year	Not supplied (%)	Not stated (%)	Stated (%)
1991-2008	100	0	0
2009	73	0	27
2010	0	12	88
2011	0	5	95
2012-2021	0	0	100

Further Information

Technical notes:
This data element was implemented into the Perinatal NMDS on 1 July 2012.

Data element and meanings:
Indigenous status of baby.
1 = Aboriginal but not Torres Strait Islander origin
2 = Torres Strait Islander but not Aboriginal origin
3 = Both Aboriginal and Torres Strait Islander origin
4 = Neither Aboriginal nor Torres Strait Islander origin
9 = Not stated

Analysis tips:
National time trends should only include data from 2013 onwards.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Demographics

Bar chart shows total percentage of geographical data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

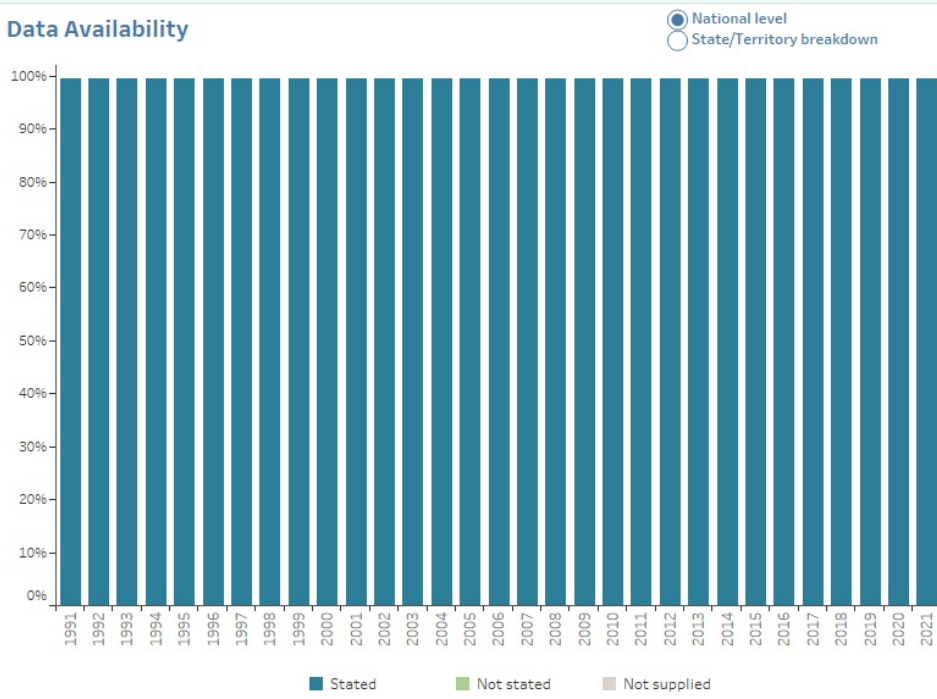
State/Territory

Variable: STATE
Status: NMDS item
Category: Demographics
Format: Numeric 1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Geography section](#).

Reporting in data tables:
Data for this data item available in NPDC annual update table 1.1
Metadata information:
<https://meteor.aihw.gov.au/content/718242>

Data Availability



Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	100	0	0
1992	100	0	0
1993	100	0	0
1994	100	0	0
1995	100	0	0
1996	100	0	0
1997	100	0	0
1998	100	0	0
1999	100	0	0
2000	100	0	0
2001	100	0	0
2002	100	0	0
2003	100	0	0
2004	100	0	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 1997.</p>	<p>Data element and meanings: Baby's state/territory of birth. 1 = New South Wales 2 = Victoria 3 = Queensland 4 = South Australia 5 = Western Australia 6 = Tasmania 7 = Northern Territory 8 = Australian Capital Territory</p>	<p>Analysis tips: Data are collected according to the ABS state order, which differs to the AIHW publication order.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Demographics

Bar chart shows total percentage of previous pregnancies data supplied by states and territories between 1991 and 2021.

Select data element: Previous pregnancies resulting in live births
DOWNLOAD PDF

Previous pregnancies resulting in live births

Variable: PRV_LIVE
Status: Voluntary item
Category: Demographics
Format: Numeric 1
Table: Mother file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
This data item is not reported by the AIHW but may be available by ad hoc data request.
Metadata information:
[No metadata information available](#)

Data Availability

● National level
○ State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	52	11	37
1992	97	0	3
1993	63	0	37
1994	63	0	37
1995	63	0	37
1996	66	0	34
1997	65	0	35
1998	65	0	35
1999	65	0	35
2000	58	0	42
2001	58	0	42
2002	58	0	42
2003	58	0	42
2004	58	0	42
2005	58	0	42
2006	58	0	42
2007	58	0	42
2008	58	0	42
2009	36	0	64
2010	56	5	39
2011	56	5	39
2012	58	3	39
2013	50	0	50
2014	50	0	50
2015	50	0	50
2016	56	0	44
2017	56	0	44
2018	56	0	44
2019	56	0	44
2020	56	0	44
2021	56	0	44

Further Information

Technical notes:
This is a voluntary item in the NPDC with a standard available to guide data collection and provision to the NPDC.
Counting rules for previous multiple births may differ between jurisdictions.

Data element and meanings:
Previous pregnancies resulting in live births.
0 = None
1 = One
2 = Two
8 = 8 or more
9 = Not stated

Analysis tips:
Values of greater than 9 should be included with 9 (Not stated).

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Demographics

Bar chart shows total percentage of birth plurality data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Birth plurality

Variable: PLURAL
Status: NMDS item
Category: Demographics
Format: Numeric 1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Plurality](#).

Reporting in data tables:
Data for this data item available in NPDC annual update table 2.25
Metadata information:
<https://meteor.aihw.gov.au/content/732874>

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	100	0	0
1992	100	0	0
1993	100	0	0
1994	100	0	0
1995	100	0	0
1996	100	0	0
1997	100	0	0
1998	100	0	0
1999	100	0	0
2000	100	0	0
2001	100	0	0
2002	100	0	0
2003	100	0	0
2004	100	0	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 1997.</p>	<p>Data element and meanings: Plurality. 1 = Singleton 2 = Twins 3 = Triplets 4 = Quadruplets 5 = Quintuplets 6 = Sextuplets 8 = Other 9 = Not stated</p>	<p>Analysis tips: PLURAL should not be used to join the mother and the baby files. See BABY_ORD for more information on joining.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>



Antenatal period



Antenatal period

Bar chart shows total percentage of alcohol data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Alcohol consumption status

Variable: ALCSTAT
Status: Voluntary item
Category: Antenatal period
Format: Numeric 1
Table: Mother file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
This data item is not reported by the AIHW but may be available by ad hoc data request.

Metadata information:
[No metadata information available](#)

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	0	0	100
2004	0	0	100
2005	0	0	100
2006	0	0	100
2007	0	0	100
2008	0	0	100
2009	5	0	95
2010	5	0	95
2011	5	0	95
2012	5	0	95
2013	5	0	95
2014	5	0	95
2015	5	0	95
2016	5	0	95
2017	5	0	95
2018	5	0	95
2019	15	5	80
2020	65	5	30
2021	65	5	30

Further Information

Technical notes:
This data element was implemented into the Perinatal NBEDS on 1 July 2019.

Data element and meanings:
Alcohol consumption status during pregnancy.
1 = Alcohol consumed
2 = Alcohol not consumed
9 = Not stated

Analysis tips:
The AIHW does not recommend using this data element for quality reasons. Care should be taken when comparing data across time and jurisdictions due to differences in definitions and collection methods.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Antenatal period

Bar chart shows total percentage of antenatal visits data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Gestation at first antenatal visit

Variable: FRSTGAGE
Status: NMDS item
Category: Antenatal period
Format: Numeric 2
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Antenatal care section](#).

Reporting in data tables:
Data for this data item available in NPDC annual update table 2.13
Metadata information:
<https://meteor.aihw.gov.au/content/732908>

Data Availability

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991-2006	0	0	100
2007	38	3	59
2008	40	2	58
2009	50	2	48
2010	93	5	2
2011-2021	100	0	0

Further Information

Technical notes:
This data element was implemented into the Perinatal NMDS on 1 July 2010. Prior to 2012, codes 77 and 98 were used by jurisdictions to identify Not applicable (no care). Code 98 (Not applicable(No care)) is an additional code requested by the AIHW in the NPDC data specifications, to standardise how data are provided where a woman did not have antenatal care.

Data element and meanings:
Gestational age in completed weeks at first antenatal visit. The valid range of completed weeks for pregnancy duration at the first visit for antenatal care is 3-46.
12 = 12 weeks
98 = Not applicable (no care)
99 = Not stated

Analysis tips:
For antenatal care in the first trimester, restrict analysis to between 3 to 13 weeks gestation (inclusive). Any value outside the range of 3 to 46 weeks gestation, and codes 77 and 98 in the relevant years, may also need to be included with 'Not stated' due to small numbers. Trend analyses including data prior to 2011 should exclude data from NSW due to a change in data collection practice introduced in that year.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Antenatal period

Bar chart shows percentage of Assisted reproduction technology data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Assisted reproduction technology flag

Variable: ARTFLAG
Status: Voluntary item
Category: Antenatal period
Format: Numeric 1
Table: Mother file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
Data for this data item available in NPDC annual update table 2.11
Metadata information:
[No metadata information available](#)

Data Availability

● National level
○ State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991-2006	0	0	100
2007	48	0	52
2008	55	0	45
2009	32	3	65
2010	55	5	40
2011	58	0	42
2012	58	0	42
2013	48	0	52
2014	48	0	52
2015	48	0	52
2016	48	0	52
2017	48	0	52
2018	48	0	52
2019	48	0	52
2020	48	0	52
2021	48	0	52

Further Information

Technical notes:
This is a voluntary non-standard item in the NPDC.

Data element and meanings:
Assisted reproduction technology flag. Whether pregnancy was the result of assisted reproduction technology.
0 = No
1 = Yes
9 = Not stated

Analysis tips:
AIHW recommends applying caution when using this data element as it has limited availability.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Antenatal period

Bar chart shows total percentage of maternal health conditions data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Diabetes during pregnancy

Variable: DIABSTAT
Status: NMDS item
Category: Antenatal period
Format: Numeric 1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Maternal health conditions section](#).

Reporting in data tables:
This data item reported in NPDC annual update table 2.46
Metadata information:
<https://meteor.aihw.gov.au/content/732748>

Data Availability

● National level
○ State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	0	0	100
2004	0	0	100
2005	0	0	100
2006	0	0	100
2007	0	0	100
2008	0	0	100
2009	0	0	100
2010	0	0	100
2011	0	0	100
2012	0	0	100
2013	0	0	100
2014	74	0	26
2015	64	10	26
2016	74	0	26
2017	74	0	26
2018	100	0	0
2019	88	12	0
2020	100	0	0
2021	100	0	0

Further Information

Technical notes:
This data element was implemented into the Perinatal NMDS on 1 July 2020. Note that it is acceptable for jurisdictions to only collect code 1='yes' or 9='not stated' as stated in the NMDS.

Data element and meanings:
Diabetes during pregnancy.
1 = Yes
2 = No
9 = Not stated

Analysis tips:
Analysis of DIABSTAT should be for 1=yes and combined codes 2=no and 9=not stated between 2014 and 2019. From 2020 onwards not stated rates should be reported separately. This should be labelled and footnoted appropriately. Care should be taken when comparing data across time and jurisdictions due to differences in definitions and collection methods.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>



Antenatal period

Bar chart shows percentage of mental health screening data supplied by states and territories between 1991 and 2021.

Visualisation not available for printing






Antenatal period

Bar chart shows percentage of models of care data supplied by states and territories between 1991 and 2021.

Visualisation not available for printing

Antenatal period

Bar chart shows total percentage of maternal vaccination data supplied by states and territories between 1991 and 2021.

Select data element: Influenza vaccination during pregnancy indicator
DOWNLOAD PDF 

Influenza vaccination during pregnancy indicator

Variable: INFL_STAT
Status: NBEDS item
Category: Antenatal period
Format:
Table: Mother file

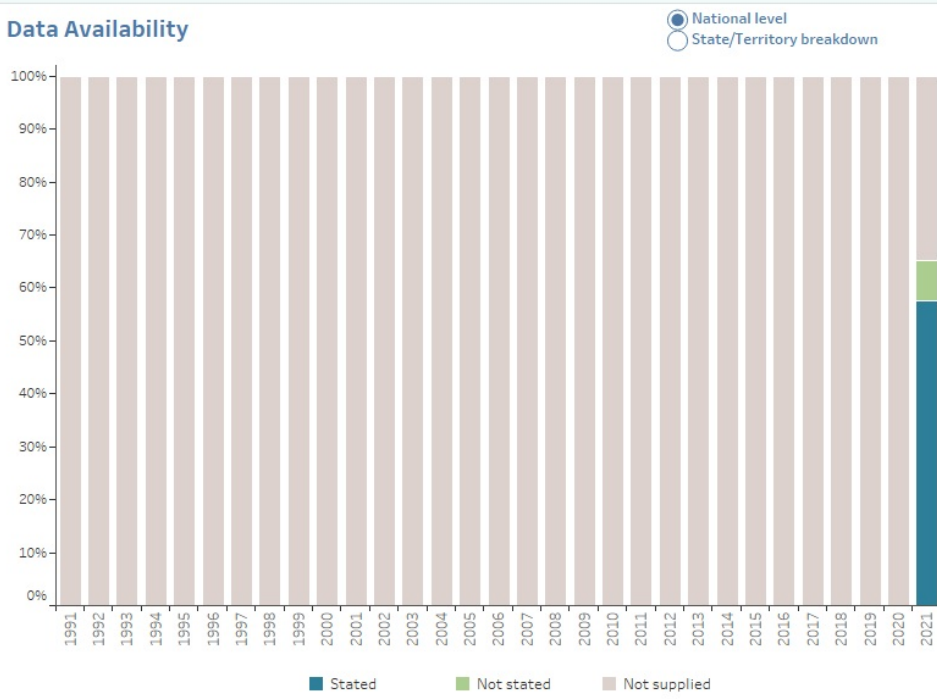
Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in Data tables:
This data item is not reported by the AIHW but may be available by ad hoc data request.

Metadata information:
<https://meteor.aihw.gov.au/content/721270>

Data Availability

National level
 State/Territory breakdown



Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	0	0	100
2004	0	0	100
2005	0	0	100
2006	0	0	100
2007	0	0	100
2008	0	0	100
2009	0	0	100
2010	0	0	100
2011	0	0	100
2012	0	0	100
2013	0	0	100
2014	0	0	100
2015	0	0	100
2016	0	0	100
2017	0	0	100
2018	0	0	100
2019	0	0	100
2020	0	0	100
2021	57	7	36

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NBEDS on 1 July 2021.</p>	<p>Data element and meanings: An indicator of whether a female was administered a influenza vaccination during pregnancy. 1= Yes 2= No 9= Not stated</p>	<p>Analysis tips: The AIHW does not recommend using this data element as the data quality has not been assessed for use. INFL_STAT data are not directly comparable with the data from VACC_INFL, collected prior to the implementation of INFL_STAT into the NMDS on 1 July 2021.</p>
---	---	---

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Antenatal period

Bar chart shows total percentage of physical measurements data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Pre-pregnancy Body Mass Index

Variable: BMI
Status: Voluntary item
Category: Antenatal period
Format: Numeric 2.1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Maternal BMI section](#).

Further info tables:
This data item reported in NPDC annual update table 2.19.
Metadata information:
[No metadata information available](#)

Data Availability

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991-2007	0	0	100
2008	25	5	70
2009	28	5	67
2010	48	10	42
2011	52	15	33
2012	60	10	30
2013	62	10	28
2014	65	10	25
2015	68	10	22
2016	95	5	0
2017	98	2	0
2018	98	2	0
2019	98	2	0
2020	98	2	0
2021	98	2	0

Further Information

Technical notes:
This is a voluntary non-standard item in the NPDC, which can be derived from items implemented into the Perinatal NBEDS on 1 July 2014.
From 2013 onwards, all records with BMI less than 14 or greater than 55 are checked and confirmed with jurisdictions during validation.

Data element and meanings:
Pre-pregnancy body mass index (BMI).
21.5 = BMI 21.5
99.9 = Not stated

Analysis tips:
Care should be taken when comparing data across time and jurisdictions due to differences in definitions and collection methods.
Code 99 should be included with 'Not stated' values (code 99.9).

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Antenatal period

Bar chart shows total percentage of smoking data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Smoking status

Variable: SMOKSTAT
 Status: Voluntary item
 Category: Antenatal period
 Format: Numeric 1
 Table: Mother file

Reporting of data item:
 Reporting on these data items can be found in Australia's mothers and babies [Smoking section](#).

Reporting in data tables:
 This data item reported in NPDC annual update table 2.14

Metadata information:
[No metadata information available](#)

Data Availability

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991-2000	0	0	100
2001	53	0	47
2002	53	0	47
2003	53	0	47
2004	53	0	47
2005	65	0	35
2006	74	0	26
2007	75	0	25
2008	75	0	25
2009-2021	98	0	2

Legend: ● National level, ○ State/Territory breakdown

Bar Legend: ■ Stated, ■ Not stated, ■ Not supplied

Further Information

Technical notes:
 This is a voluntary non-standard item in the NPDC, which can be derived from items implemented into the Perinatal NBEDS on 1 July 2010.

Data element and meanings:
 Smoking status during pregnancy.
 1 = Smoked
 2 = Did not smoke
 9 = Not stated

Analysis tips:
 National time trends should only include data from 2009 onwards.
 Care should be taken when comparing data across time and jurisdictions due to differences in definitions and collection methods.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>



Labour and birth



Labour and birth

Bar chart shows total percentage of anaesthesia data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Anaesthesia

Variable: ANAESTH
Status: No longer collected
Category: Labour and birth
Format: Numeric 1
Table: Mother file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
This data item is not reported by the AIHW but may be available by ad hoc data request.
Metadata information:
[No metadata information available](#)

Data Availability

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	78	22	0
1992	78	22	0
1993	78	22	0
1994	87	13	0
1995	95	5	0
1996	95	5	0
1997	95	5	0
1998	95	5	0
1999	82	18	0
2000	95	5	0
2001	85	15	0
2002	95	5	0
2003	95	5	0
2004	95	5	0
2005	67	33	0
2006	0	0	100
2007	0	0	100
2008	0	0	100
2009	0	0	100
2010	0	0	100
2011	0	0	100
2012	0	0	100
2013	0	0	100
2014	0	0	100
2015	0	0	100
2016	0	0	100
2017	0	0	100
2018	0	0	100
2019	0	0	100
2020	0	0	100
2021	0	0	100

Legend:

- National level
- State/Territory breakdown

Color Key:

- Stated
- Not stated
- Not supplied

Further Information

Technical notes:
This is a voluntary item in the NPDC with a standard available to guide data collection and provision to the NPDC.
This item was no longer collected from 1 January 2007 (replaced by ANAESTH1-7).
Collection of this data element is conditional on an operative delivery. Due to differences in the collection of DELIVERY over time, data availability presented here are based on DELIVERY not equal to = 1 (None), 8 (Other), 9 (Not stated) prior to 2002, and DELIVERY = 2 (Vaginal - forceps), 4 (Caesarean section), 5 (Vaginal - vacuum extraction) from 2002.
Prior to 2007, if more than 1 type of anaesthesia was used, the highest number is recorded (excluding 8 or 9).

Data element and meanings:
Type of anaesthesia administered to the mother during labour in which an operative delivery of the baby or placenta occurs (caesarean, forceps or vacuum extraction).
1 = None
2 = Local anaesthetic to perineum
3 = Pudendal
4 = Epidural or caudal
5 = Spinal
6 = General
8 = Other
9 = Not stated

Analysis tips:
ANAESTH data are not directly comparable with the data from type of anaesthesia (ANAESTH1-8), implemented into the NMDS on 1 July 2007.
Values of greater than 9 should be included with 9 (Not stated).
Data for some jurisdictions may contain code 0 for all records in certain years. These should be excluded from analysis.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of analgesia data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Analgesia: none

Variable: ANALGES1
Status: NMDS item
Category: Labour and birth
Format: Numeric 1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Analgesia section](#).

Reporting in data tables:
This data item reported in NPDC annual update table 2.30
Metadata information:
<https://meteor.aihw.gov.au/content/732672>

Data Availability

● National level
○ State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	0	0	100
2004	0	0	100
2005	0	0	100
2006	0	0	100
2007	100	0	0
2008	100	0	0
2009	75	0	25
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Further Information


Technical notes:
This data element was implemented into the Perinatal NMDS on 1 July 2013. Collection of this data element is conditional on ONSETLAB = 1 (Spontaneous) or 2 (Induced). Data availability presented here are based on ONSETLAB = 1 or 2. As some jurisdictions did not provide ONSETLAB the national availability cannot be calculated.

Data element and meanings:
Type of analgesia administered to the woman to relieve pain for labour:
none.
0 = None (No analgesia)
1 = Analgesia administered
9 = Not stated

Analysis tips:
ANALGES1 data are not directly comparable with the data from ANALGES, collected prior to the implementation of ANALGES1 into the NMDS on 1 July 2007.

Labour and birth

Bar chart shows total percentage of hospitals data supplied by states and territories between 1991 and 2021.

Select data element: Hospital of birth
DOWNLOAD PDF 

Hospital of birth

Variable: HOSPITAL
Status: NMDS item
Category: Labour and birth
Format: Character 9
Table: Mother file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
This data item is not reported but is used to derive variables that may be available by ad hoc request.
Metadata information:
<https://meteor.aihw.gov.au/content/269973>

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	100	0	0
1992	100	0	0
1993	100	0	0
1994	100	0	0
1995	100	0	0
1996	100	0	0
1997	100	0	0
1998	100	0	0
1999	100	0	0
2000	93	7	0
2001	93	7	0
2002	93	7	0
2003	93	7	0
2004	93	7	0
2005	93	7	0
2006	93	7	0
2007	93	7	0
2008	93	7	0
2009	93	7	0
2010	93	7	0
2011	93	7	0
2012	93	7	0
2013	93	7	0
2014	93	7	0
2015	93	7	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 2005</p>	<p>Data element and meanings: Hospital of birth. From 1991-2016: Organisation identifier (state/territory) 8888 Not applicable 9999 Not stated From 2017: Organisation identifier (Australia) 999999997 Not applicable 999999999 Not stated</p>	<p>Analysis tips: Analysis for this data element should be limited to PLACEBIR = 1 (Hospital). AIHW recommends applying caution when using this data element as different formats have been used over time. From 1991-2016 a 4 digit organisation identifier was requested, which did not align with the NMDS specifications. From 2017 onwards the 9 digit code specified in the NMDS was requested. SA did not provide HOSPITAL from 2009 until 2015 and from 2016 provided the 9 digit organisation identifier.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of induction and delivery data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Method of birth (Mother file)

Variable: DELIVERY
Status: Derived item
Category: Labour and birth
Format: Numeric 1
Table: Mother file

Reporting of data item:
 Reporting on these data items can be found in Australia's mothers and babies [Method of birth section](#).

Reporting in data tables:
 This data item reported in NPDC annual update table 2.35

Metadata information:
[No metadata information available](#)

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	100	0	0
1992	100	0	0
1993	100	0	0
1994	100	0	0
1995	100	0	0
1996	100	0	0
1997	100	0	0
1998	100	0	0
1999	100	0	0
2000	100	0	0
2001	100	0	0
2002	100	0	0
2003	100	0	0
2004	100	0	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	98	2	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 1997. This data element was collected as part of the mother file up to 2003. From 2004 onwards the item was collected as part of the baby file, and DELIVERY on the mother file was derived from the first born baby. From 2007, some jurisdictions continued to provide code 3 (vaginal breech birth).</p>	<p>Data element and meanings: Method of birth. Prior to 2001: 1 Spontaneous cephalic 2 Caesarean section (unspecified) 3 Elective caesarean section 4 Emergency caesarean section 5 Forceps 6 Vaginal breech 7 Vacuum extraction 8 Other 9 Not stated 2001 to 2002: 1 Spontaneous vaginal 2 Forceps 3 Vaginal breech 4 Caesarean section (unspecified) 5 Vacuum extraction 6 Elective caesarean section 7 Emergency caesarean section 8 Other 9 Not stated 2002 to 2006:</p>	<p>Analysis tips: Some jurisdictions have continued to use code 3 for 'Vaginal breech birth' after 2007. During analysis, code 3 should be included with code 1 (Vaginal - non-instrumental).</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of labour complications data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Antepartum haemorrhage

Variable: OBSCOMP1

Status: Voluntary item

Category: Labour and birth

Format: Numeric 1

Table: Mother file

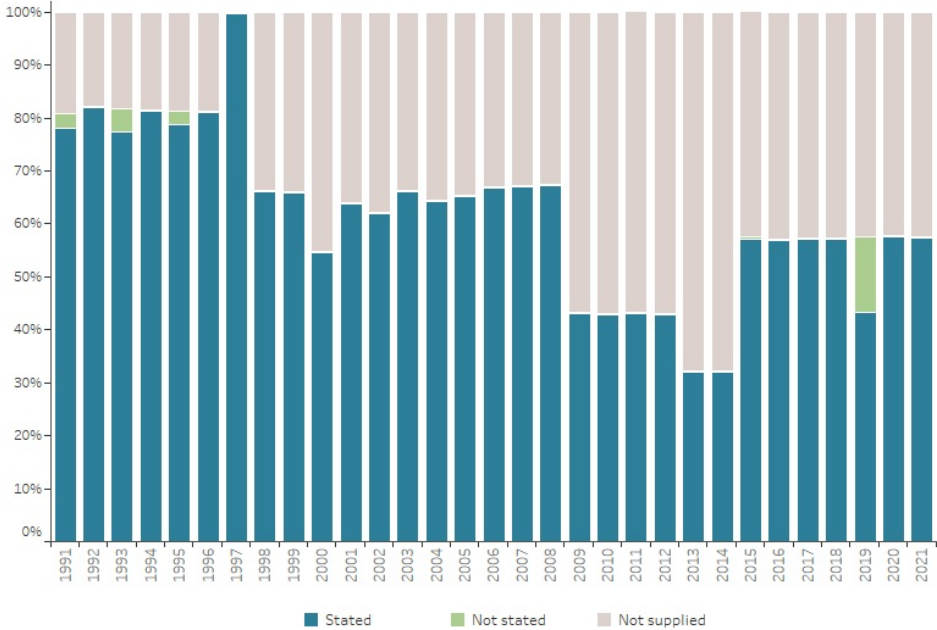
Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
This data item reported in NPDC annual update table 2.46

Metadata information:
[No metadata information available](#)

Data Availability

● National level
○ State/Territory breakdown



Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	78	2	20
1992	82	0	18
1993	78	3	19
1994	81	0	19
1995	79	1	20
1996	81	0	19
1997	100	0	0
1998	66	0	34
1999	66	0	34
2000	54	0	46
2001	64	0	36
2002	62	0	38
2003	66	0	34
2004	64	0	36
2005	65	0	35
2006	67	0	33
2007	67	0	33
2008	68	0	32
2009	43	0	57
2010	43	0	57
2011	43	0	57
2012	43	0	57
2013	32	0	68
2014	32	0	68
2015	57	0	43
2016	57	0	43
2017	57	0	43
2018	57	0	43
2019	43	14	43
2020	57	0	43
2021	57	0	43

Further Information

Technical notes:
This is a voluntary non-standard item in the NPDC.

Data element and meanings:
Obstetric complications: antepartum haemorrhage.
0 = None
1 = Placenta praevia
2 = Abruptio placentae
3 = Antepartum haemorrhage (unspecified)
4 = Placenta praevia & Abruptio placenta
9 = Not stated

Analysis tips:
Care should be taken when comparing data across time and jurisdictions due to differences in definitions and collection methods.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of mother separation data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Length of antenatal stay

Variable: ANTESTAY
Status: Voluntary item
Category: Labour and birth
Format: Numeric 3
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Maternal length of stay section](#).

Reporting in data tables:
This data item reported in NPDC annual update table 2.51
Metadata information:
[No metadata information available](#)

Data Availability

● National level
○ State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	55	0	45
1992	95	0	5
1993	55	0	45
1994	55	0	45
1995	55	0	45
1996	85	0	15
1997	95	0	5
1998	85	0	15
1999	85	0	15
2000	85	0	15
2001	95	5	0
2002	95	5	0
2003	95	5	0
2004	95	5	0
2005	95	5	0
2006	95	5	0
2007	95	5	0
2008	95	5	0
2009	75	0	25
2010	95	5	0
2011	95	5	0
2012	95	5	0
2013	95	5	0
2014	95	5	0
2015	95	5	0
2016	95	5	0
2017	95	5	0
2018	95	5	0
2019	95	5	0
2020	95	5	0
2021	95	5	0

Further Information

Technical notes:
This is a voluntary non-standard item in the NPDC, which can be derived from items implemented in the Perinatal NBEDS. From 2013 onwards, all records with ANTESTAY of less than 0 or greater than 100 are checked and confirmed with jurisdictions during validation. Negative values may be recorded, for example where birth took place prior to admission to hospital. Data availability presented here are based on PLACEBIR = 1.

Data element and meanings:
Length of antenatal stay (from the mother's date of admission to the baby's date of birth) in completed days.
005 = 5 days
999 = Not stated

Analysis tips:
Analysis for this data element should be limited to PLACEBIR = 1 (HOSPITAL). Values of less than 0 or greater than 365 should be included with 999 (Not stated) prior to 2013.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of perineal status data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Perineal status: Intact

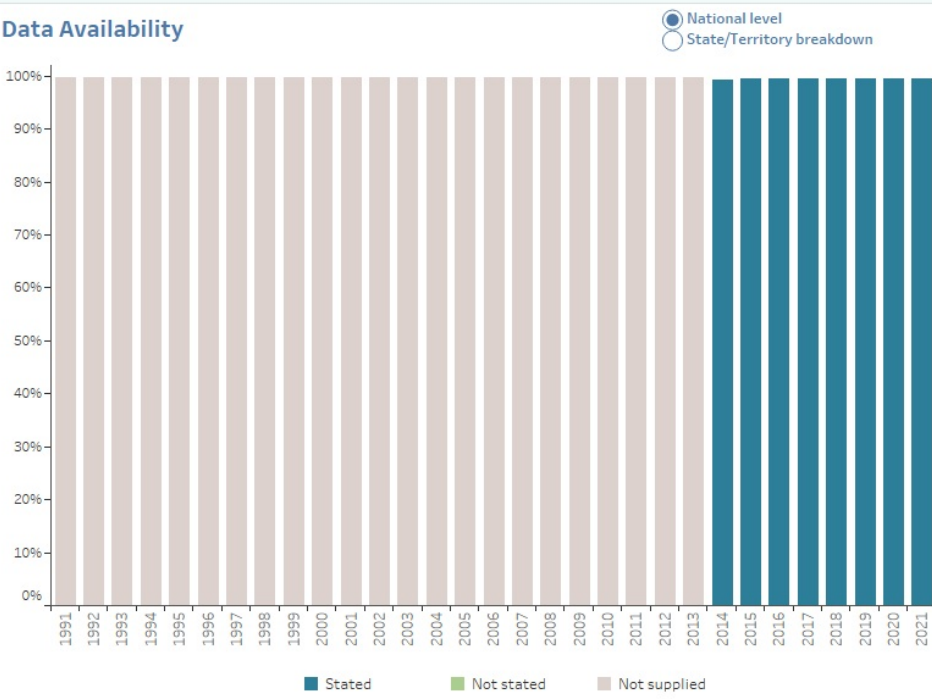
Variable: PERSTAT1
Status: NMDS item
Category: Labour and birth
Format: Numeric 1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Perineal status section](#).

Reporting in data tables:
This data item reported in NPDC annual update table 2.46
Metadata information:
<https://meteor.aihw.gov.au/content/732864>

Data Availability

● National level
○ State/Territory breakdown



Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	0	0	100
2004	0	0	100
2005	0	0	100
2006	0	0	100
2007	0	0	100
2008	0	0	100
2009	0	0	100
2010	0	0	100
2011	0	0	100
2012	0	0	100
2013	0	0	100
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: PERSTAT1 is one of seven data elements created to operationalise the 'Postpartum perineal status' data element, which was introduced into the Perinatal NBEDS on 1 July 2013, and operationalised on 1 January 2014. This is to allow the reporting of multiple values where applicable.</p>	<p>Data element and meanings: Perineal status: intact 0 = No (not intact) 1 = Intact 9 = Not stated</p>	<p>Analysis tips: PERSTAT1 data are not directly comparable with the data from perineal status data elements (PERISTAT) collected prior to the introduction of PERSTAT1 on 1 January 2014.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of place of birth data supplied by states and territories between 1991 and 2021.

Select data element: Actual place of birth (mother file)
DOWNLOAD PDF

Actual place of birth (mother file)

Variable: PLACEBIR
Status: Derived item
Category: Labour and birth
Format: Numeric 1
Table: Mother file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Place of birth section](#).

Reporting in Data Tables:
Data for this data item available in NPDC annual update table 2.21
Metadata information:
[No metadata information available](#)

Data Availability

● National level
○ State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	100	0	0
1992	100	0	0
1993	100	0	0
1994	100	0	0
1995	100	0	0
1996	100	0	0
1997	100	0	0
1998	100	0	0
1999	100	0	0
2000	100	0	0
2001	100	0	0
2002	100	0	0
2003	100	0	0
2004	100	0	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDs on 1 July 1997. This data element was collected as part of the mother file up to 2020. From 2021 onwards the item was collected as part of the baby file, and PLACEBIR on the mother file was derived from the first born baby.</p>	<p>Data element and meanings: Place of birth. Prior to 2000 for all states/territories and in 2000 for Vic and NT: 1 = Hospital 2 = Birth centre 3 = Home 4 = Born before arrival 8 = Other 9 = Not stated 2000 onwards: 1 = Hospital, excluding birth centre 2 = Birth centre, attached to hospital 3 = Birth centre, free-standing 4 = Home 8 = Other 9 = Not stated</p>	<p>Analysis tips: Care should be taken when comparing data across time and jurisdictions due to differences in collection methods, particularly in relation to code 8 'Other', prior to 2016.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Labour and birth

Bar chart shows total percentage of presentation at birth data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Presentation at birth (baby file)

Variable: PRESENT
Status: NMDS item
Category: Labour and birth
Format: Numeric 1
Table: Baby file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies [Presentation section](#).

Reporting in data tables
This data item reported in NPDC annual update table 3.13
Metadata information:
<https://meteor.aihw.gov.au/content/695418>

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	100	0	0
2004	100	0	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 2007. This data element was collected as part of the mother file up to 2003. From 2004 onwards the item was collected as part of the baby file.</p>	<p>Data element and meanings: Presentation at birth 1 = Vertex 2 = Breech 3 = Face 4 = Brow 8 = Other 9 = Not stated</p>	<p>Analysis tips:</p>
--	---	------------------------------

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>



Baby outcomes

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Baby outcomes

Bar chart shows total percentage of baby measurements data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Birthweight

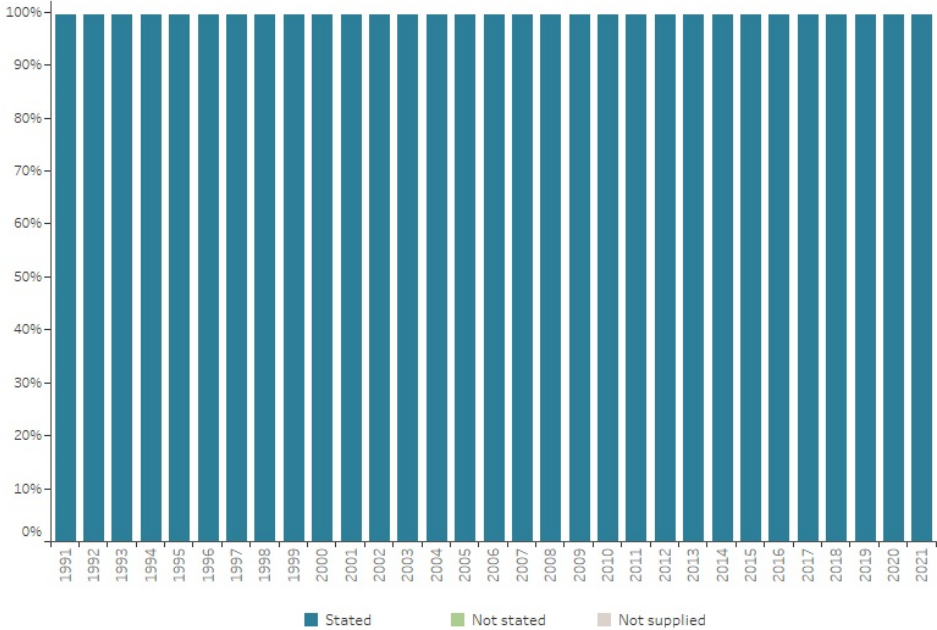
Variable: BIRTHWT
Status: NMDS item
Category: Baby outcomes
Format: Numeric 4
Table: Baby file

Reporting of data item:
Reporting on these data items can be found in Australia's mothers and babies: [Birthweight section](#).

Reporting in data tables:
Data for this data item available in NPDC annual update tables: 3.9, 3.10, 3.11
Metadata information:
<https://meteor.aihw.gov.au/content/733280>

Data Availability

National level
 State/Territory breakdown



Year	Stated	Not stated	Not supplied
1991	100%	0%	0%
1992	100%	0%	0%
1993	100%	0%	0%
1994	100%	0%	0%
1995	100%	0%	0%
1996	100%	0%	0%
1997	100%	0%	0%
1998	100%	0%	0%
1999	100%	0%	0%
2000	100%	0%	0%
2001	100%	0%	0%
2002	100%	0%	0%
2003	100%	0%	0%
2004	100%	0%	0%
2005	100%	0%	0%
2006	100%	0%	0%
2007	100%	0%	0%
2008	100%	0%	0%
2009	100%	0%	0%
2010	100%	0%	0%
2011	100%	0%	0%
2012	100%	0%	0%
2013	100%	0%	0%
2014	100%	0%	0%
2015	100%	0%	0%
2016	100%	0%	0%
2017	100%	0%	0%
2018	100%	0%	0%
2019	100%	0%	0%
2020	100%	0%	0%
2021	100%	0%	0%

Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 1997. From 2013 onwards, all records with BIRTHWT less than 200 or greater than 6,000 are checked and confirmed with jurisdictions during validation.</p>	<p>Data element and meanings: Birthweight in grams. 0000-9998 9999 = Not stated</p>	<p>Analysis tips: Analysis for this data element should be limited to BRTHSTAT = 1 (Livebirth) and PLURAL = 1 (Singleton). Values of less than 200 or greater than 6000 should be included with 9999 (Not stated) prior to 2013.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>



Baby outcomes

Bar chart shows total percentage of baby outcomes data supplied by states and territories between 1991 and 2021.

Visualisation not available for printing

Baby outcomes

Bar chart shows total percentage of baby resuscitation data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Active resuscitation status

Variable: RESUSACT
Status: NMDS item
Category: Baby outcomes
Format: Numeric 1
Table: Baby file

Reporting of data item:
This item is currently reported in Australia's mothers and babies [Resuscitation section](#).

Reporting in data tables:
This data item reported in NPDC annual update table 3.18
Metadata information:
<https://meteor.aihw.gov.au/content/732880>

Data Availability

National level
 State/Territory breakdown

Year	Stated	Not stated	Not supplied
1991	0%	0%	100%
1992	0%	0%	100%
1993	0%	0%	100%
1994	0%	0%	100%
1995	0%	0%	100%
1996	0%	0%	100%
1997	0%	0%	100%
1998	0%	0%	100%
1999	0%	0%	100%
2000	0%	0%	100%
2001	0%	0%	100%
2002	0%	0%	100%
2003	0%	0%	100%
2004	0%	0%	100%
2005	0%	0%	100%
2006	0%	0%	100%
2007	0%	0%	100%
2008	0%	0%	100%
2009	0%	0%	100%
2010	0%	0%	100%
2011	0%	0%	100%
2012	0%	0%	100%
2013	0%	0%	100%
2014	0%	0%	100%
2015	0%	0%	100%
2016	0%	0%	100%
2017	0%	0%	100%
2018	0%	0%	100%
2019	100%	0%	0%
2020	100%	0%	0%
2021	100%	0%	0%

Further Information

<p>Technical notes: This item was implemented into the Perinatal NMDS on 1 July 2019. Data availability presented here are based on BRTHSTAT=1 (Live birth).</p>	<p>Data element and meanings: Active resuscitation status: 1= Yes 2= No 9= Not stated/inadequately described</p>	<p>Analysis tips: Analysis for this data element should be limited to BRTHSTAT = 1 (Livebirth). RESUSACT data are not directly comparable with the data from resuscitation data element (RESUSC1) collected prior to the implementation of RESUSACT into the NMDS on 1 July 2019.</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Baby outcomes

Bar chart shows total percentage of baby separation data supplied by states and territories between 1991 and 2021.

Select data element:
DOWNLOAD PDF

Baby's date of discharge or death

Variable: BABY_DIS
Status: NMDS item
Category: Baby outcomes
Format: Character 8
Table: Baby file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting in data tables:
This data item is not reported by the AIHW but may be available by ad hoc data request.

Metadata information:
<https://meteor.aihw.gov.au/content/270025>

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	65	0	35
1992	65	0	35
1993	83	17	0
1994	100	0	0
1995	100	0	0
1996	100	0	0
1997	100	0	0
1998	100	0	0
1999	100	0	0
2000	93	7	0
2001	93	7	0
2002	93	7	0
2003	93	7	0
2004	93	7	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0


Further Information

<p>Technical notes: This data element was implemented into the Perinatal NMDS on 1 July 1997. For SA between 2005 and 2015 (inclusive), dates have been confidentialised. All babies have a birth date of the first of the month and all other dates are adjusted relatively. Data availability presented here are based on PLACEBIR=1 (Hospital).</p>	<p>Data element and meanings: Baby's date of discharge or death. Between 1991 and 2009: Format DD/MM/YYYY. e.g. 15/08/2013 = 15th day of August, 2013 99/99/9999 = Unknown for any of DD, MM or YYYY From 2010 onwards: Format DDMMYYYY. 15082013 = 15 August 2013 99999999 = Unknown for any of DD, MM or YYYY</p>	<p>Analysis tips: Analysis for this data element should be limited to PLACEBIR=1 (hospital) and BABY_SEP = 1 (Discharge to usual residence).</p>
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Baby outcomes

Bar chart shows total percentage of gestational age data supplied by states and territories between 1991 and 2021.

Select data element: Gestational age (baby file) DOWNLOAD PDF 

Gestational age (baby file)

Variable: GEST_AGE
Status: NMDS item
Category: Baby outcomes
Format: Numeric 2
Table: Baby file

Reporting of data item:
Reporting on this data item can be found in Australia's mothers and babies [Gestational age section](#).

Reporting in data tables:
This data item reported in NPDC annual update tables: 3.5, 3.7, 3.8
Metadata information:
<https://meteor.aihw.gov.au/content/695332>

Data Availability

National level
 State/Territory breakdown

Year	Stated (%)	Not stated (%)	Not supplied (%)
1991	0	0	100
1992	0	0	100
1993	0	0	100
1994	0	0	100
1995	0	0	100
1996	0	0	100
1997	0	0	100
1998	0	0	100
1999	0	0	100
2000	0	0	100
2001	0	0	100
2002	0	0	100
2003	0	0	100
2004	100	0	0
2005	100	0	0
2006	100	0	0
2007	100	0	0
2008	100	0	0
2009	100	0	0
2010	100	0	0
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0
2016	100	0	0
2017	100	0	0
2018	100	0	0
2019	100	0	0
2020	100	0	0
2021	100	0	0

Further Information

Technical notes:
This data element was implemented into the Perinatal NMDS on 1 July 1997. This data element was collected as part of the mother file up to 2003. From 2004 onwards the item was collected as part of the baby file.
From 2013 onwards, all records with GEST_AGE less than 20 weeks or greater than 45 weeks are checked and confirmed with jurisdictions during validation.

Data element and meanings:
State / Territory provided gestational age in completed weeks
28 = 28 weeks
99 = Not stated

Analysis tips:
Values of less than 13 or greater than 60 should be included with 99 (Not stated) prior to 2013.

Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Baby outcomes

Bar chart shows total percentage of mortality data supplied by states and territories between 1991 and 2021.

Select data element: [DOWNLOAD PDF](#) 

Baby's date of death

Variable: BABY_DOD
Status: Voluntary item
Category: Baby outcomes
Format: Character 8
Table: Perinatal death file

Reporting of data item:
This item is currently not reported in Australia's mothers and babies.

Reporting and data table:
This data item is not reported but is used to derive variables that may be available by ad hoc request.
Metadata information:
[No metadata information available](#)

Data Availability

National level
 State/Territory breakdown

A National level view cannot be displayed for this item – see technical notes for details

Further Information

Technical notes: This is a voluntary non-standard item in the NPDC. For SA between 2005 and 2015 (inclusive), dates have been confidentialised. All babies have a birth date of the first of the month and all other dates are adjusted relatively. Due to missing records on the perinatal death file for some jurisdictions national level data cannot be displayed.	Data element and meanings: Baby's date of death. Format DDMMYYYY. e.g. 15082013 = 15 August 2013 99999999 = Unknown for any of DD, MM or YYYY	Analysis tips: BABY_DOD data are not available for data requests, however can be used to derive other items that may be requested.
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Source: AIHW analysis of National Perinatal Data Collection
<https://www.aihw.gov.au/>

Abbreviations

..	National data not displayed. See Technical notes for further explanation.
ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
AIHW	Australian Institute of Health and Welfare
ASCCSS	Australian Standard Classification of Countries for Social Statistics
ASGC	Australian Standard Geographical Classification
ASGS	Australian Statistical Geography Standard
BMI	Body Mass Index
cm	centimetres
CPAP	Continuous positive airway pressure therapy
ICD-10-AM	International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Australian Modification
IPPV	Intermittent positive-pressure ventilation
IRSD	Index of Relative Socioeconomic Disadvantage
kg	kilograms
mls	millilitres
NPDC	National Perinatal Data Collection
NMDS	National Minimum Data Set
NBEDS	National Best Endeavours Data Set
NSW	New South Wales
NT	Northern Territory
PPH	Primary postpartum haemorrhage
PSANZ PDC	Perinatal Society of Australia and New Zealand Perinatal Death Classification
SA	South Australia
SA2	Statistical Area Level 2
SACC	Standard Australian Classification of Countries
SEIFA	Socio-Economic Indexes for Areas
SLA	Statistical Local Areas
Qld	Queensland
Tas	Tasmania
Vic	Victoria
WA	Western Australia



Notes

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A large number of stakeholders provided valuable advice and input to the National Perinatal Data Collection and to this report, including the [National Perinatal Data Development Committee](#) and the [National Maternity Data Development Project Advisory Group](#) and, in particular, staff from the [state and territory health departments](#) who provided data and reviewed this product.

For more information see [State and territory perinatal collections](#).

The AIHW also acknowledges the time, effort and expertise of all maternity staff in collecting and providing the data for the National Perinatal Data Collection.

Amendments

17 October 2023

- The link to the National Perinatal Data Collection Data Quality statement has been updated to the latest iteration.
- The links in the index visualisation have been fixed so they are no longer directing users to an internal site.



Related material

Resources

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