National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2019

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# National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2019

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Common name: | General anaesthetic for females giving birth by caesarean section |
| Short name: | PI 09–General anaesthetic for females giving birth by caesarean section, 2019 |
| METEOR identifier: | 717544 |
| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 16/09/2020 |
| Description: | The proportion of all females who gave birth by caesarean section and had a general anaesthetic. |
| Rationale: | This indicator is used to benchmark anaesthetic care in association with caesarean section. |
| Indicator set: | [National Core Maternity Indicators, 2019](https://meteor-uat.aihw.gov.au/content/717443)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 16/09/2020 |

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| Collection and usage attributes | |
| Computation description: | The number of females who gave birth by caesarean section and had a general anaesthetic, divided by the number of females who gave birth by caesarean section and recorded a non-missing value for general anaesthetic, and multiplied by 100.  A birth is defined as an 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 the female's abdomen and uterus.  Included are those females who gave birth by caesarean section.  Excluded are those females who gave birth through the vagina. |
| Computation: | 100 × (Numerator ÷ Denominator) |
| Numerator: | The number of females who gave birth by caesarean section and had a general anaesthetic. |
| Numerator data elements: | **Data Element / Data Set**  [Birth event—birth method, code N](https://meteor-uat.aihw.gov.au/content/295349)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—type of anaesthesia administered, code N[N]](https://meteor-uat.aihw.gov.au/content/422383)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—anaesthesia administered indicator, yes/no code N](https://meteor-uat.aihw.gov.au/content/495466)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data |
| Denominator: | Number of females who gave birth by caesarean section and recorded a non-missing value for general anaesthetic. |
| Denominator data elements: | **Data Element / Data Set**  [Birth event—birth method, code N](https://meteor-uat.aihw.gov.au/content/295349)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—type of anaesthesia administered, code N[N]](https://meteor-uat.aihw.gov.au/content/422383)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456) |
| Disaggregation: | * Year of birth * State or territory of birth * Mother's age at birth * Hospital annual number of births * Hospital sector * Remoteness category (from mother's area of usual residence) * Indigenous status of mother * Labour/non-labour * 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)](https://meteor-uat.aihw.gov.au/content/392479)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  Hospital sector  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor-uat.aihw.gov.au/content/392479)    **Data Element / Data Set**  [Birth event—state/territory of birth, code N](https://meteor-uat.aihw.gov.au/content/270151)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  [Person—date of birth, DDMMYYYY](https://meteor-uat.aihw.gov.au/content/287007)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—labour onset type, code N](https://meteor-uat.aihw.gov.au/content/495690)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **Guide for use**  Data source type: Administrative by-product data    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor-uat.aihw.gov.au/content/602543)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **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 2016) N(9)](https://meteor-uat.aihw.gov.au/content/659725)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor-uat.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2014-18](https://meteor-uat.aihw.gov.au/content/517456)  **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 not stated or not interpretable have been excluded from the denominator.  Source of definition: Australian Council on Healthcare Standards (ACHS) Indicator 4.1: General anaesthesia for caesarean section. This ACHS indicator is based on the definition by Women's Healthcare Australasia Core Maternity Indicators Project (WHA 2007). |
| 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)](https://meteor-uat.aihw.gov.au/content/395005)  **Frequency**  Annual  **Data custodian**  Australian Institute of Health and Welfare    **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor-uat.aihw.gov.au/content/392479)  **Frequency**  Calendar years ending 31 December each year  **Data custodian**  Australian Institute of Health and Welfare |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Reference documents: | ACHS (The Australian Council on Healthcare Standards, Health Services Research Group, University of Newcastle) 2014. The Australasian Clinical Indicator Report: 2006-2013. 15th edn. Sydney: ACHS. Viewed 9 April 2018, <https://www.achs.org.au/media/88679/clinical_indicator_report_2006_2013.pdf>.  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 09–General anaesthetic for females giving birth by caesarean section, 2018](https://meteor-uat.aihw.gov.au/content/690168)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 19/06/2019  Has been superseded by [National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2020](https://meteor-uat.aihw.gov.au/content/728730)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 17/12/2021 |