National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2021

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# National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2021

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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, 2021 |
| METEOR identifier: | 748047 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 09/09/2022 |
| 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, 2021](https://meteor.aihw.gov.au/content/742377)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 09/09/2022 |

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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 permissible value for general anaesthetic, and multiplied by 100.  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.  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—anaesthesia administered indicator, yes/no/not stated/inadequately described code N](https://meteor.aihw.gov.au/content/695188)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—birth method, code N](https://meteor.aihw.gov.au/content/695372)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **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.aihw.gov.au/content/695530)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **Guide for use**    Data source type: Administrative by-product data |
| Denominator: | Number of females who gave birth by caesarean section and recorded a permissible value for general anaesthetic. |
| Denominator data elements: | **Data Element / Data Set**  [Birth event—anaesthesia administered indicator, yes/no/not stated/inadequately described code N](https://meteor.aihw.gov.au/content/695188)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **Data Element / Data Set**  [Birth event—birth method, code N](https://meteor.aihw.gov.au/content/695372)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **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 * Remoteness category (from mother's area of usual residence) * Indigenous status of mother * Disadvantage quintile (from mother's area of usual residence) * 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**  **Data Element**    Hospital annual number of births    **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  **Data Element**    Hospital sector    **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **Data Element / Data Set**  [Person—date of birth, DDMMYYYY](https://meteor.aihw.gov.au/content/287007)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor.aihw.gov.au/content/602543)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **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.aihw.gov.au/content/659725)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—labour onset type, code N](https://meteor.aihw.gov.au/content/695339)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—state/territory of birth, code N](https://meteor.aihw.gov.au/content/695424)  **Data Source**  [Perinatal National Minimum Data Set (NMDS)](https://meteor.aihw.gov.au/content/395005)  **NMDS / DSS**  [Perinatal NMDS 2019–20](https://meteor.aihw.gov.au/content/694988)  **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 permissible value have been included in 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.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.aihw.gov.au/content/392479)  **Frequency**  Calendar years ending 31 December each year  **Data custodian**    Australian Institute of Health and Welfare |
| Accountability attributes | |
| Reporting requirements: | N/A |
| Organisation responsible for providing data: | Australian Institute of Health and Welfare |
| Accountability: | 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) 2020. The Australasian Clinical Indicator Report: 2012-2019. 21st edn. Sydney: ACHS. Viewed 11 November 2021, https://www.achs.org.au/our-services/pos/previous-acir-publications.  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, 2020](https://meteor.aihw.gov.au/content/728730)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/12/2021  Has been superseded by [National Core Maternity Indicators: PI 09–General anaesthetic for females giving birth by caesarean section, 2022](https://meteor.aihw.gov.au/content/758198)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 14/07/2023 |