

|  |
| --- |
| Victorian Perinatal Data Collection (VPDC) manual 2021-22  Section 4 Business Rules |
| Version 9.0 |
|  |

|  |
| --- |
| To receive this document in another format email [HDSS Helpdesk](mailto:hdss.helpdesk@health.vic.gov.au) <HDSS.Helpdesk@health.vic.gov.au>.  Authorised and published by the Victorian Government, 1 Treasury Place, Melbourne.  © State of Victoria, Australia, Department of Health, June 2021.  **ISBN** 978-1-76096-467-2 **(pdf/online/MS word)**  Available at [VPDC website](https://www2.health.vic.gov.au/hospitals-and-health-services/quality-safety-service/consultative-councils/council-obstetric-paediatric-mortality/perinatal-data-collection) <https://www2.health.vic.gov.au/hospitals-and-health-services/quality-safety-service/consultative-councils/council-obstetric-paediatric-mortality/perinatal-data-collection> |
|  |

Contents

[Introduction 6](#_Toc77103087)

[Business rules 7](#_Toc77103088)

[Admission to high dependency unit (HDU) / intensive care unit (ICU) – mother conditionally mandatory data items 7](#_Toc77103089)

[Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby conditionally mandatory data items 7](#_Toc77103090)

[Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby, Setting of birth – actual and Hospital code (agency identifier) valid combinations 8](#_Toc77103091)

[Anaesthesia for operative delivery – indicator and Anaesthesia for operative delivery – type valid combinations 9](#_Toc77103092)

[Anaesthesia for operative delivery – indicator and Method of birth valid combinations 10](#_Toc77103093)

[Analgesia for labour – indicator and Analgesia for labour – type valid combinations 10](#_Toc77103094)

[Analgesia for labour – indicator and Labour type valid combinations 11](#_Toc77103095)

[Artificial reproductive technology – indicator conditionally mandatory data items 12](#_Toc77103096)

[Birth plurality and Birth order valid combinations 13](#_Toc77103097)

[Birth plurality and Chorionicity of multiples valid combinations 14](#_Toc77103098)

[Birth presentation conditionally mandatory data items 14](#_Toc77103099)

[Birth status, Breastfeeding attempted and Last feed before discharge taken exclusively from the breast valid combinations 15](#_Toc77103100)

[Birth status ‘Live born’ and associated conditionally mandatory data items 15](#_Toc77103101)

[Birth status ‘Stillborn’ and associated data items valid combinations 16](#_Toc77103102)

[Blood loss assessment – indicator, Episiotomy – indicator, Indications for operative delivery – free text, Indications for operative delivery – ICD-10-AM code, Method of birth, Perineal/ genital laceration – degree/type, Perineal laceration – indicator conditional reporting 17](#_Toc77103103)

[Blood loss (ml), Blood loss assessment – indicator and Main reason for excessive blood loss valid combinations 18](#_Toc77103104)

[Category of unplanned caesarean section urgency, Date of decision for unplanned caesarean section and Time of decision for unplanned caesarean section 18](#_Toc77103105)

[Congenital anomalies – indicator and Congenital anomalies – ICD‑10‑AM code conditionally mandatory data item 19](#_Toc77103106)

[Cord complications valid combinations 19](#_Toc77103107)

[Country of birth and Year of arrival in Australia conditionally mandatory data items 20](#_Toc77103108)

[COVID19 vaccination status, COVID19 vaccination during this pregnancy, Gestation at first COVID19 vaccination during this pregnancy, Gestation at second COVID19 vaccination during this pregnancy valid combinations 21](#_Toc77103109)

[Date and time data item relationships 22](#_Toc77103110)

[Date of admission – mother and Date of birth – baby conditionally mandatory data items 23](#_Toc77103111)

[Date of birth – baby, Date of admission – mother and Setting of birth – actual valid combinations 23](#_Toc77103112)

[Date of birth – baby and Separation date – baby conditionally mandatory data items 24](#_Toc77103113)

[Diabetes mellitus during pregnancy – type, Diabetes mellitus – gestational – diagnosis timing, Diabetes mellitus – pre-existing – diagnosis timing and Diabetes mellitus therapy during pregnancy valid combinations 24](#_Toc77103114)

[Diabetes mellitus during pregnancy – type, Events of labour and birth – ICD-10-AM code, Indication for induction (main reason) – ICD‑10‑AM code, Indications for operative delivery – ICD-10-AM code, Maternal medical conditions – ICD-10-AM code, Obstetric complications – ICD-10-AM code and Postpartum complications – ICD‑10‑AM code valid combinations 27](#_Toc77103115)

[Diabetes mellitus therapy during pregnancy valid combinations 31](#_Toc77103116)

[Discipline of antenatal care provider and Number of antenatal care visits valid combinations 31](#_Toc77103117)

[Episiotomy – indicator and Method of birth valid combinations 31](#_Toc77103118)

[Episiotomy – indicator, Perineal laceration – indicator and Perineal laceration – repair valid combinations 32](#_Toc77103119)

[Estimated gestational age conditionally mandatory data items for Birth status code 1 Liveborn 32](#_Toc77103120)

[Estimated gestational age and Gestational age at first antenatal visit valid combinations 32](#_Toc77103121)

[Estimated gestational age, Gestation at first COVID19 vaccination during this pregnancy and Gestation at second COVID19 vaccination during this pregnancy valid combinations 33](#_Toc77103122)

[Fetal monitoring in labour and Labour type valid combinations 33](#_Toc77103123)

[Fetal monitoring prior to birth – not in labour and Labour type valid combinations 34](#_Toc77103124)

[Gestational age at first antenatal visit and Number of antenatal care visits valid combinations 34](#_Toc77103125)

[Gravidity ‘Multigravida’ conditionally mandatory data items 34](#_Toc77103126)

[Gravidity ‘Primigravida’ and associated data items valid combinations 35](#_Toc77103127)

[Gravidity and Parity valid combinations 35](#_Toc77103128)

[Gravidity and related data items 35](#_Toc77103129)

[Indication for induction (main reason) – ICD-10-AM code and Indications for induction (other) – free text valid combinations 36](#_Toc77103130)

[Labour induction/augmentation agent and Labour induction/ augmentation agent – other specified description conditionally mandatory data item 36](#_Toc77103131)

[Labour type and Analgesia for labour – indicator conditionally mandatory data item 36](#_Toc77103132)

[Labour type and Labour induction/augmentation agent valid combinations 36](#_Toc77103133)

[Labour type ‘Failed induction’ conditionally mandatory data items 37](#_Toc77103134)

[Labour type, Indication for induction (main reason) – ICD-10-AM code and Indications for induction (other) – free text valid combinations 37](#_Toc77103135)

[Labour type ‘Woman in labour’ and associated data items valid combinations 38](#_Toc77103136)

[Labour type ‘Woman not in labour’ and associated data items valid combinations 39](#_Toc77103137)

[Mandatory to report data items 40](#_Toc77103138)

[Manual removal of placenta and Method of birth conditionally mandatory data items 42](#_Toc77103139)

[Maternal alcohol use at less than 20 weeks, Maternal alcohol use at 20 or more weeks, Maternal alcohol volume intake at less than 20 weeks, Maternal alcohol volume intake at 20 weeks or more valid combinations 43](#_Toc77103140)

[Method of birth and Anaesthesia for operative delivery – indicator conditionally mandatory data item 43](#_Toc77103141)

[Method of birth and Labour type valid combinations 44](#_Toc77103142)

[Method of birth and Manual removal of placenta conditionally mandatory data item 44](#_Toc77103143)

[Method of birth, Indications for operative delivery – free text and Indications for operative delivery – ICD-10-AM code valid combinations 44](#_Toc77103144)

[Method of birth and Setting of birth – actual valid combinations 45](#_Toc77103145)

[Outcome of last pregnancy and associated data item valid combinations 45](#_Toc77103146)

[Outcome of last pregnancy and Last birth – caesarean section indicator conditionally mandatory data items 45](#_Toc77103147)

[Parity and associated data items valid combinations 46](#_Toc77103148)

[Parity and related data items 46](#_Toc77103149)

[Perineal laceration – indicator and Method of birth valid combinations 46](#_Toc77103150)

[Perineal laceration – indicator and Perineal/genital laceration – degree/type valid combinations 47](#_Toc77103151)

[Perineal laceration – indicator and Perineal laceration – repair conditionally mandatory data items 48](#_Toc77103152)

[Residential locality and Residential postcode valid combinations 48](#_Toc77103153)

[Scope ‘Stillborn’ 49](#_Toc77103154)

[Separation status – baby, Reason for transfer out – baby and Transfer destination – baby conditionally mandatory data item 49](#_Toc77103155)

[Separation status – mother, Reason for transfer out – mother and Transfer destination – mother – conditionally mandatory data item 49](#_Toc77103156)

[Setting of birth – actual and Admitted patient election status – mother valid combinations 50](#_Toc77103157)

[Setting of birth – actual and Setting of birth – actual – other specified description conditionally mandatory data item 50](#_Toc77103158)

[Setting of birth – actual, Setting of birth – intended, Setting of birth – change of intent and Setting of birth – change of intent – reason conditionally mandatory data items 50](#_Toc77103159)

[Setting of birth – intended and Setting of birth – intended – other specified description conditionally mandatory data item 50](#_Toc77103160)

[Sex – baby and Congenital anomalies – indicator conditionally mandatory data item 50](#_Toc77103161)

[Time to established respiration and Resuscitation method – mechanical valid combinations 51](#_Toc77103162)

[Total number of previous caesareans and Plan for VBAC conditionally mandatory data item 51](#_Toc77103163)

[Transaction Type Flag processing against prior data held, not held or deactivated 52](#_Toc77103164)

# Introduction

This section provides information about business rules that involve two or more data items.

Data item attributes, as defined in Section 3: Data definitions, are used to validate all data.

If a data item is defined as mandatory, the data must be reported.

# Business rules

## Admission to high dependency unit (HDU) / intensive care unit (ICU) – mother conditionally mandatory data items

|  |  |
| --- | --- |
| **If admission to high dependency unit (HDU) / intensive care unit (ICU) – mother is:** | **Values must be reported in at least one of the following data items:** |
| 1 Admitted to high dependency unit / intensive care unit | Events of labour and birth – free text  Events of labour and birth – ICD-10-AM code  Maternal medical conditions – free text  Maternal medical conditions – ICD-10-AM code Obstetric complications – free text  Obstetric complications – ICD-10-AM code  Postpartum complications – free text  Postpartum complications – ICD-10-AM code |

## Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby conditionally mandatory data items

|  |  |
| --- | --- |
| **If admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby is:** | **Values must be reported in at least one of the following data items:** |
| 1 Admitted to special care nursery  **or**  2 Admitted to neonatal intensive care unit | Congenital anomalies – ICD-10-AM code  Neonatal morbidity – free text  Neonatal morbidity – ICD-10-AM code |

## Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby, Setting of birth – actual and Hospital code (agency identifier) valid combinations

|  |  |
| --- | --- |
| **If admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby is:** | |
| 1 Admitted to SCN **or** | |
| 2 Admitted to NICU | |
| **Setting of birth – actual must be:** | **and Hospital code (agency identifier) must be**: |
| A health service from the list of Campuses with SCN and/or NICU (to follow) | Equal to Setting of birth – actual |
| 0003 Home (other) **or**  0005 In transit **or**  0006 Home – Private midwife care **or**  0007 Home – Public home birth program **or**  0008 Other - Specify | A health service from the list below with SCN and/or NICU services |

Campuses with a SCN and/or NICU

|  |  |  |  |
| --- | --- | --- | --- |
| **Campus Code** | **Campus Name** | **SCN** | **NICU** |
| 1660 | Albury Wodonga Health - Wodonga | Yes | No |
| 1590 | Angliss Hospital | Yes | No |
| 2010 | Ballarat Health Services [Base Campus] | Yes | No |
| 6291 | Bays Hospital, The [Mornington] | Yes | No |
| 1021 | Bendigo Hospital, The | Yes | No |
| 1050 | Box Hill Hospital | Yes | No |
| 6511 | Cabrini Malvern | Yes | No |
| 3660 | Casey Hospital | Yes | No |
| 2060 | Central Gippsland Health Service [Sale] | Yes | No |
| 2111 | Dandenong Campus | Yes | No |
| 6470 | Epworth Freemasons | Yes | No |
| 6480 | Epworth Geelong | Yes | No |
| 2220 | Frankston Hospital | Yes | No |
| 1121 | Goulburn Valley Health [Shepparton] | Yes | No |
| 8890 | Jessie McPherson Private Hospital [Clayton] | Yes | No |
| 2440 | Latrobe Regional Hospital [Traralgon] | Yes | No |
| 1160 | Mercy Hospital for Women | Yes | Yes |
| 1320 | Mercy Public Hospitals Inc [Werribee] | Yes | No |
| 8440 | Mitcham Private Hospital | Yes | No |
| 1170 | Monash Medical Centre [Clayton] | Yes | Yes |
| 2320 | New Mildura Base Hospital | Yes | No |
| 1150 | Northeast Health Wangaratta | Yes | No |
| 1280 | Northern Hospital, The [Epping] | Yes | No |
| 7390 | Northpark Private Hospital [Bundoora] | Yes | No |
| 6790 | Peninsula Private Hospital [Frankston] | Yes | No |
| 1230 | Royal Women’s Hospital [Carlton] | Yes | Yes |
| 1360 | Sandringham & District Memorial Hospital | Yes | No |
| 2160 | South West Healthcare [Warrnambool] | Yes | No |
| 6520 | St John of God Ballarat Hospital | Yes | No |
| 6030 | St John of God Bendigo Hospital | Yes | No |
| 6080 | St John of God Berwick Hospital | Yes | No |
| 6550 | St John of God Geelong Hospital | Yes | No |
| 6620 | St Vincent’s Private Hospital Fitzroy | Yes | No |
| 1390 | Sunshine Hospital | Yes | Yes |
| 2050 | University Hospital, Geelong | Yes | No |
| 6600 | Waverley Private Hospital [Mt Waverley] | Yes | No |
| 1580 | West Gippsland Healthcare Group [Warragul] | Yes | No |
| 2170 | Wimmera Base Hospital [Horsham] | Yes | No |

## Anaesthesia for operative delivery – indicator and Anaesthesia for operative delivery – type valid combinations

|  |  |
| --- | --- |
| **When anaesthesia for operative delivery – indicator is:** | **Anaesthesia for operative delivery – type must be:** |
| Blank | Blank |
| 1 Anaesthesia administered | 2 Local anaesthetic to perineum **or**  3 Pudendal block **or**  4 Epidural or caudal block **or**  5 Spinal block **or**  6 General anaesthetic **or**  7 Combined spinal-epidural block **or**  8 Other anaesthesia |
| 2 Anaesthesia not administered | Blank |

## Anaesthesia for operative delivery – indicator and Method of birth valid combinations

|  |  |
| --- | --- |
| **When anaesthesia for operative delivery – indicator is:** | **Method of birth must be:** |
| Blank | 3 Vaginal birth – non-instrumental |
| 1 Anaesthesia administered | 1 Forceps **or**  4 Planned caesarean – no labour **or**  5 Unplanned caesarean – labour **or**  6 Planned caesarean – labour **or**  7 Unplanned caesarean – no labour **or**  8 Vacuum extraction **or**  10 Other operative birth |
| 2 Anaesthesia not administered | 1 Forceps **or**  8 Vacuum extraction |

## Analgesia for labour – indicator and Analgesia for labour – type valid combinations

|  |  |
| --- | --- |
| **If Analgesia for labour – indicator is:** | **Analgesia for labour – type must be:** |
| Blank | Blank |
| 1 Analgesia administered | 2 Nitrous oxide **or**  3 Systemic opioids **or**  4 Epidural or caudal block **or**  5 Spinal block **or**  7 Combined spinal-epidural block **or**  8 Other analgesia |
| 2 Analgesia not administered | Blank |

## Analgesia for labour – indicator and Labour type valid combinations

|  |  |
| --- | --- |
| **If Analgesia for labour – indicator is:** | **Labour type must be:** |
| Blank | 5 No labour **or**  5 No labour **and** 2 Induced medical **or**  5 No labour **and** 3 Induced surgical **or**  5 No labour **and** 2 Induced medical **and**   3 Induced surgical |
| 1 Analgesia administered | 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  1 Spontaneous **and** 4 Augmented **or**  2 Induced medical **and** 3 Induced surgical |
| 2 Analgesia not administered | 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  1 Spontaneous **and** 4 Augmented **or**  2 Induced medical **and** 3 Induced surgical |

## Artificial reproductive technology – indicator conditionally mandatory data items

|  |  |
| --- | --- |
| **If Artificial reproductive technology – indicator is:** | **an artificial reproductive technology procedure must be reported in at least one of the following data items:** |
| 1 Artificial reproductive technology was used to assist this pregnancy | Procedure – ACHI code **or** Procedure – free text |

Valid 11th edition ACHI codes and descriptors for reporting an artificial reproductive technology in the data item Procedure – ACHI code or Procedure – free text include:

|  |  |
| --- | --- |
| **11th edition ACHI code** | **Descriptor** |
| 1320000 | Assisted reproductive technologies to induce superovulation |
| 1320300 | Ovulation monitoring services for artificial insemination |
| 1320600 | Assisted reproductive technologies to induce oocyte growth and development |
| 1320900 | Planning and management for assisted reproductive technologies |
| 1321200 | Transvaginal oocyte retrieval |
| 1321201 | Transabdominal oocyte retrieval |
| 1321500 | Gamete intra-fallopian transfer (GIFT) |
| 1321501 | Embryo transfer to uterus |
| 1321502 | Embryo transfer to fallopian tube |
| 1321503 | Other reproductive medicine procedure |
| 1325100 | Intracytoplasmic sperm injection (ICSI) |
| 1321505 | Donor insemination [VPDC-created ACHI code] |

## 

## Birth plurality and Birth order valid combinations

|  |  |
| --- | --- |
| **If Birth plurality is:** | **Birth order must be:** |
| 1 Singleton | 1 Singleton or first of a multiple birth |
| 2 Twins | 1 Singleton or first of a multiple birth **or**  2 Second of a multiple birth |
| 3 Triplets | 1 Singleton or first of a multiple birth **or**  2 Second of a multiple birth **or**  3 Third of a multiple birth |
| 4 Quadruplets | 1 Singleton or first of a multiple birth **or**  2 Second of a multiple birth **or**  3 Third of a multiple birth **or**  4 Fourth of a multiple birth |
| 5 Quintuplets | 1 Singleton or first of a multiple birth **or**  2 Second of a multiple birth **or**  3 Third of a multiple birth **or**  4 Fourth of a multiple birth **or**  5 Fifth of a multiple birth |
| 6 Sextuplets | 1 Singleton or first of a multiple birth **or**  2 Second of a multiple birth **or**  3 Third of a multiple birth **or**  4 Fourth of a multiple birth **or**  5 Fifth of a multiple birth **or**  6 Sixth of a multiple birth |
| 8 Other | 1 Singleton or first of a multiple birth **or**  2 Second of a multiple birth **or**  3 Third of a multiple birth **or**  4 Fourth of a multiple birth **or**  5 Fifth of a multiple birth **or**  6 Sixth of a multiple birth **or**  8 Other |

## Birth plurality and Chorionicity of multiples valid combinations

|  |  |
| --- | --- |
| **If Birth plurality is:** | **Chorionicity of multiples must be:** |
| 1 Singleton | Blank |
| 2 Twins | 1 Monochorionic **or**  2 Dichorionic |
| 3 Triplets | 1 Monochorionic **or**  2 Dichorionic **or**  3 Trichorionic |
| 4 Quadruplets **or**  5 Quintuplets **or**  6 Sextuplets **or**  8 Other | Blank |

## Birth presentation conditionally mandatory data items

|  |  |
| --- | --- |
| **If Birth presentation is:** | **the Birth presentation must be reported in at least one of the following data items:** |
| 8 Other – specify | Events of labour and birth – free text **or**  Events of labour and birth – ICD-10-AM code |

Valid 11th edition ICD-10-AM codes and descriptors for reporting a birth presentation in the Events of labour and birth – ICD-10-AM code data element include:

|  |  |
| --- | --- |
| **11th edition ICD-10-AM code** | **Descriptor** |
| O322 | Maternal care for transverse and oblique lie |
| O640 | Labour and delivery affected by incomplete rotation of fetal head |
| O648 | Labour and delivery affected by other malposition and malpresentation |

## Birth status, Breastfeeding attempted and Last feed before discharge taken exclusively from the breast valid combinations

This business rule only applies when birth status is reported as **code 1 – Live born**.

|  |  |
| --- | --- |
| **If Breastfeeding attempted is:** | **Last feed before discharge taken exclusively from the breast must be:** |
| 1 Attempted to breastfeed / express breast milk | 1 Last feed before discharge taken exclusively from breast **or**  2 Last feed before discharge not taken exclusively from breast |
| 2 Did not attempt to breastfeed / express breast milk | 2 Last feed before discharge not taken exclusively from breast |

## Birth status ‘Live born’ and associated conditionally mandatory data items

|  |  |
| --- | --- |
| **If Birth status is:** | **then the following items cannot be blank:** |
| 1 Live born | Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – Baby  Antenatal corticosteroid exposure  Breastfeeding attempted  Formula given in hospital  Head circumference - baby  Hepatitis B vaccine received  Last feed before discharge taken exclusively from the breast  Separation date – baby  Separation status – baby |

## Birth status ‘Stillborn’ and associated data items valid combinations

|  |  |
| --- | --- |
| **If the birth status is:** | |
| 2 Stillborn (occurring before labour) **or**  3 Stillborn (occurring during labour) **or**  4 Stillborn (timing of occurrence unknown) | |
| **the data items listed below must be:** | |
| **Data item:**  Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby  Apgar score at one minute  Apgar score at five minutes  Breastfeeding attempted  Formula given in hospital  Hepatitis B vaccine received  Last feed before discharge taken exclusively from the breast  Separation date – baby  Separation status – baby  Time to established respiration (TER) | **Value:**  Blank  00  00  Blank  Blank  Blank  Blank  Blank  Blank  00 |

## Blood loss assessment – indicator, Episiotomy – indicator, Indications for operative delivery – free text, Indications for operative delivery – ICD-10-AM code, Method of birth, Perineal/ genital laceration – degree/type, Perineal laceration – indicator conditional reporting

**Blood loss assessment – indicator may not be reported as code 9 with**:

|  |  |
| --- | --- |
| **the following codes** | **in the following data elements** |
| 1 Incision of the perineum and vagina made | Episiotomy – indicator |
| Any entry | Indications for operative delivery – free text **or**  Indications for operative delivery – ICD-10-AM code |
| 4 Planned caesarean – no labour **or**  5 Unplanned caesarean – labour **or**  6 Planned caesarean – labour **or**  7 Unplanned caesarean – no labour **or**  10 Other operative birth | Method of birth |
| 2 Second degree laceration/tear **or**  3 Third degree laceration/tear **or**  4 Fourth degree laceration/tear **or**  5 Labial/clitoral laceration/tear **or**  6 Vaginal wall laceration/tear **or**  7 Cervical laceration/tear **or**  8 Other laceration, rupture or tear | Perineal/genital laceration – degree/type |
| 1 Laceration/tear of the perineum following  birth | Perineal laceration – indicator |

## Blood loss (ml), Blood loss assessment – indicator and Main reason for excessive blood loss valid combinations

|  |  |  |
| --- | --- | --- |
| **Where Blood loss (ml) is reported as:** | **Blood loss assessment – indicator must be:** | **And Main reason for excessive blood loss must be:** |
| 0 (zero) | Blank | Blank |
| Between 1 and 499 | 1 Measured **or**  2 Estimated **or**  3 Combination of measured and  estimated | Blank |
| Between 500 and 40000 (both inclusive) | 1 Measured **or**  2 Estimated **or**  3 Combination of measured and  estimated | 1 Uterine atony **or**  2 Trauma **or**  3 Placental insertion abnormality   **or**  4 Coagulopathy or   haematological disorder **or**  5 Other |
| 99999 | 9 Not stated / inadequately  described | 9 Not stated / inadequately  described |

## Category of unplanned caesarean section urgency, Date of decision for unplanned caesarean section and Time of decision for unplanned caesarean section

|  |  |  |
| --- | --- | --- |
| **If Category of unplanned caesarean section urgency is:** | **Date of decision for unplanned caesarean section must be:** | **Time of decision for unplanned caesarean section must be:** |
| 1 Category 1 **or**  2 Category 2 **or**  3 Category 3 **or**  4 Category 4 **or**  9 Not stated / inadequately described | DDMMCCYY | HHMM |
| blank | blank | blank |

## Congenital anomalies – indicator and Congenital anomalies – ICD‑10‑AM code conditionally mandatory data item

|  |  |
| --- | --- |
| **If Congenital anomalies – indicator is:** | **then the following item cannot be blank:** |
| 3 Reportable congenital anomalies identified  antenatally **or**  4 Reportable congenital anomalies identified  postnatally **or**  5 Reportable congenital anomalies identified  both antenatally and postnatally | Congenital anomalies – ICD-10-AM code |

## Cord complications valid combinations

|  |  |
| --- | --- |
| **Cord complications code** | **Must not be reported with Cord complications code** |
| 1 No abnormalities or complications relating to umbilical cord | O691 Nuchal cord (cord tightly around baby’s neck) **or**  O692 True knot **or**  O690 Umbilical cord prolapse **or**  O693 Short umbilical cord **or**  O694 Vasa previa **or**  Q2701 Two vessels in cord **or**  O698 Other **or**  9 Not stated / inadequately described |
| 9 Not stated / inadequately described | 1 No abnormalities or complications relating to umbilical cord **or**  O691 Nuchal cord (cord tightly around baby’s neck) **or**  O692 True knot **or**  O690 Umbilical cord prolapse **or**  O693 Short umbilical cord **or**  O694 Vasa previa **or**  Q2701 Two vessels in cord **or**  O698 Other |

## Country of birth and Year of arrival in Australia conditionally mandatory data items

|  |  |
| --- | --- |
| **Where Country of birth is not reported as one of the following codes:** | **A valid value must be reported in Year of arrival in Australia** |
| 1100 Australia (includes External Territories, nfd) **or**  1101 Australia **or**  1102 Norfolk Island **or**  1199 Australian External Territories, nec | In format NNNN  and in the range 1960 to current year  **or**  9998 Not intending to stay in Australia for  one year or more |
| **Where Country of birth is reported as one of the following codes:** | **Year of arrival in Australia must be:** |
| 1100 Australia (includes External Territories, nfd) **or**  1101 Australia **or**  1102 Norfolk Island **or**  1199 Australian External Territories, nec | Blank |

## COVID19 vaccination status, COVID19 vaccination during this pregnancy, Gestation at first COVID19 vaccination during this pregnancy, Gestation at second COVID19 vaccination during this pregnancy valid combinations

|  |  |  |  |
| --- | --- | --- | --- |
| **If COVID19 vaccination status is:** | **and COVID19 vaccination during this pregnancy is:** | **then Gestation at first COVID19 vaccination during this pregnancy must be:** | **and Gestation at second COVID19 vaccination during this pregnancy must be:** |
| 1 Yes | 1 Yes | 01 to 45 inclusive | 01 to 45 inclusive **or**  77 Only one dose received during this pregnancy |
| 1 Yes | 2 No | Blank | Blank |
| 1 Yes | 7 Declined to answer | Blank | Blank |
| 1 Yes | 9 Not stated / inadequately described | 99 Not stated / inadequately described | 99 Not stated / inadequately described |
| 2 No | Blank | Blank | Blank |
| 7 Declined to answer | Blank | Blank | Blank |
| 9 Not stated / inadequately described | 9 Not stated / inadequately described | 99 Not stated / inadequately described | 99 Not stated / inadequately described |

## Date and time data item relationships

Where a valid date and/or time is reported in the data elements listed in columns 1 and 3 below, validations check the data reflect logical sequence as indicated in the Relationship column:

|  |  |  |
| --- | --- | --- |
| **Data item 1:** | **Relation-ship:** | **Data item 2:** |
| Date and time of birth – baby | ≥ | Date and time of onset of Labour |
| Date and time of birth – baby | ≥ | Date and time of onset of second stage of labour |
| Date and time of birth – baby | ≥ | Date and time of rupture of membranes |
| Date and time of birth – baby | ≥ | Date and time of decision for unplanned caesarean section |
| Date and time of onset of labour | < | Date and time of onset of second stage of labour |
| Date of admission – mother | > | Date of birth – mother |
| Date of birth – mother | < | Date and time of onset of labour |
| Date of birth – mother | < | Date and time of onset of second stage of labour |
| Date of birth – mother | < | Date and time of rupture of membranes |
| Date of birth – mother | < | Date of birth – baby |
| Date of birth – mother | < | Date and time of decision for unplanned caesarean section |
| Date of completion of last pregnancy | < | Date and time of onset of labour |
| Date of completion of last pregnancy | < | Date and time of onset of second stage of labour |
| Date of completion of last pregnancy | < | Date and time of rupture of membranes |
| Date of completion of last pregnancy | < | Date of admission – mother |
| Date of completion of last pregnancy | < | Date of birth – baby |
| Date of completion of last pregnancy | > | Date of birth – mother |
| Date of completion of last pregnancy | < | Date and time of decision for unplanned caesarean section |
| Estimated date of confinement | > | Date of birth – mother |
| Estimated date of confinement | > | Date of completion of last pregnancy |
| Separation date – baby | > | Date of birth – mother |
| Separation date – baby | > | Date of completion of last pregnancy |
| Separation date – baby | ≥ | Date and time of onset of labour |
| Separation date – baby | ≥ | Date and time of onset of second stage of labour |
| Separation date – baby | ≥ | Date and time of rupture of membranes |
| Separation date – baby | ≥ | Date of admission – mother |
| Separation date – baby | ≥ | Date of Birth – baby |
| Separation date – baby | ≥ | Date and time of decision for unplanned caesarean section |
| Separation date – mother | > | Date of Birth – mother |
| Separation date – mother | > | Date of completion of last pregnancy |
| Separation date – mother | ≥ | Date and time of onset of labour |
| Separation date – mother | ≥ | Date and time of onset of second stage of labour |
| Separation date – mother | ≥ | Date and time of rupture of membranes |
| Separation date – mother | ≥ | Date of admission – mother |
| Separation date – mother | ≥ | Date of birth – baby |
| Separation date – mother | ≥ | Date and time of decision for unplanned caesarean section |

## Date of admission – mother and Date of birth – baby conditionally mandatory data items

|  |  |  |
| --- | --- | --- |
| **Where:** | **is:** | **Data item:** |
| Date of admission – mother | greater than four days prior | Date of birth – baby |

**Then data must be reported in at least one of the following fields**:

* Maternal medical conditions – free text
* Maternal medical conditions – ICD-10-AM code
* Obstetric complications – free text
* Obstetric complications – ICD-10-AM code

## Date of birth – baby, Date of admission – mother and Setting of birth – actual valid combinations

|  |  |  |
| --- | --- | --- |
| **Data of birth – baby must be:** | **Date of admission – mother:** | **Where Setting of birth – actual is:** |
| Equal to or after |  | The same Hospital code as the Hospital code (agency identifier) reported in this birth record |

## Date of birth – baby and Separation date – baby conditionally mandatory data items

|  |  |  |
| --- | --- | --- |
| **Data item:** | **Rule:** | **Data item:** |
| Separation date – baby | greater than 28 days after | Date of birth – baby |

**Then Admission to special care nursery (SCN) / neonatal intensive care unit (NICU) – baby must be:**

* code 1 Admitted to special care nursery **or**
* code 2 Admitted to neonatal intensive care unit

**and data must be reported in at least one of:**

* Neonatal morbidity – free text
* Neonatal morbidity – ICD-10-AM code
* Congenital anomalies – ICD-10-AM code

## Diabetes mellitus during pregnancy – type, Diabetes mellitus – gestational – diagnosis timing, Diabetes mellitus – pre-existing – diagnosis timing and Diabetes mellitus therapy during pregnancy valid combinations

|  |  |  |  |
| --- | --- | --- | --- |
| **Diabetes mellitus during pregnancy – type** | **Diabetes mellitus – gestational -diagnosis timing** | **Diabetes mellitus – pre-existing – diagnosis timing** | **Diabetes mellitus therapy during pregnancy** |
| Code 1 | Blank | Blank | Blank |
| Code 4 | Value in range 1 to 43 inclusive **or** 99 | Blank | At least one code in range 2, 3 or 4 **or** Code 9 only |
| Code 2 | Blank | Value in range 1960 to current year **or** 9999 | Blank |
| Code 3 or 8 | Blank | Value in range 1960 to current year **or** 9999 | At least one code in range 2, 3 or 4 **or** Code 9 only |
| Code 9 | Blank | Value in range 1960 to current year **or** 9999 | At least one code in range 2, 3 or 4 **or** Code 9 only |

(Business rule table continues over page)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Diabetes mellitus – gestational -diagnosis timing** | **Diabetes mellitus during pregnancy – type** | | **Diabetes mellitus – pre-existing – diagnosis timing** | | **Diabetes mellitus therapy during pregnancy** | |
| Value in range 1 to 43 inclusive **or** 99 | Code 4 | | Blank | | At least one code in range 2, 3 or 4 **or** Code 9 only | |
| Blank | Code 3 or 8 | | Value in range 1960 to current year **or** 9999 | | At least one code in range 2, 3 or 4 **or** Code 9 only | |
| Blank | Code 2 | | Value in range 1960 to current year **or** 9999 | | Blank | |
| Blank | Code 1 | | Blank | | Blank | |
| Blank | Code 9 | | Value in range 1960 to current year **or** 9999 | | At least one code in range 2, 3 or 4 **or** Code 9 only | |
| **Diabetes mellitus – pre-existing – diagnosis timing** | | **Diabetes mellitus – gestational -diagnosis timing** | | **Diabetes mellitus during pregnancy – type** | **Diabetes mellitus therapy during pregnancy** |
| Value in range 1960 to current year **or** 9999 | | Blank | | Code 3 or 8 | At least one code in range 2, 3 or 4 **or** Code 9 only |
| Value in range 1960 to current year **or** 9999 | | Blank | | Code 2 | Blank |
| Blank | | Blank | | Code 1 | Blank |
| Blank | | Value in range 1 to 43 inclusive **or** 99 | | Code 4 | At least one code in range 2, 3 or 4 **or** Code 9 only |
| Value in range 1960 to current year **or** 9999 | | Blank | | Code 9 | At least one code in range 2, 3 or 4 **or** Code 9 only |

(Business rule table continues over page)

|  |  |  |  |
| --- | --- | --- | --- |
| **Diabetes mellitus therapy during pregnancy** | **Diabetes mellitus – gestational -diagnosis timing** | **Diabetes mellitus – pre-existing – diagnosis timing** | **Diabetes mellitus during pregnancy - type** |
| Blank | Blank | Blank | Code 1 |
| Blank | Blank | Value in range 1960 to current year **or** 9999 | Code 2 |
| Code 2 and/or 3 and/or 4 **or** Code 9 only | Value in range 1 to 43 inclusive **or** 99 | Blank | Code 4 |
| Code 2 and/or 3 and/or 4 **or** Code 9 only | Blank | Value in range 1960 to current year **or** 9999 | Code 3 or 8 |
| Code 2 and/or 3 and/or 4 **or** Code 9 only | Blank | Value in range 1960 to current year **or** 9999 | Code 9 |

## 

## Diabetes mellitus during pregnancy – type, Events of labour and birth – ICD-10-AM code, Indication for induction (main reason) – ICD‑10‑AM code, Indications for operative delivery – ICD-10-AM code, Maternal medical conditions – ICD-10-AM code, Obstetric complications – ICD-10-AM code and Postpartum complications – ICD‑10‑AM code valid combinations

|  |  |  |
| --- | --- | --- |
| **Diabetes mellitus during pregnancy – type** | **May not report any code below:** | **In any of the following data elements:** |
| Code 1 No diabetes mellitus during this pregnancy | O240  O2412  O2413  O2414  O2419  O2422  O2423  O2424  O2429  O2432  O2433  O2434  O2439  O2442  O2443  O2444  O2449  O2492  O2493  O2494  O2499 | Events of labour and birth  – ICD-10-AM code **or**  Indication for induction (main reason)  – ICD-10-AM code **or**  Indications for operative delivery  – ICD-10-AM code **or**  Maternal medical conditions  – ICD-10-AM code **or**  Obstetric complications  – ICD‑10‑AM code **or**  Postpartum complications  – ICD‑10‑AM code |

(Business rule table continues over page)

|  |  |  |
| --- | --- | --- |
| **Diabetes mellitus during pregnancy – type** | **May not report any code below:** | **In any of the following data elements:** |
| Code 2 Pre-existing  Type 1 diabetes mellitus | O2412  O2413  O2414  O2419  O2422  O2423  O2424  O2429  O2432  O2433  O2434  O2439  O2442  O2443  O2444  O2449  O2452  O2453  O2454  O2459  O2492  O2493  O2494  O2499 | Events of labour and birth  – ICD-10-AM code **or**  Indication for induction (main reason)  – ICD-10-AM code **or**  Indications for operative delivery  – ICD-10-AM code **or**  Maternal medical conditions  – ICD-10-AM code **or**  Obstetric complications  – ICD‑10‑AM code **or**  Postpartum complications  – ICD‑10‑AM code |

(Business rule table continues over page)

|  |  |  |  |
| --- | --- | --- | --- |
| **Diabetes mellitus during pregnancy – type** | | **May not report any code below:** | **In any of the following data elements:** |
| Code 3 Pre-existing  Type 2 diabetes mellitus | | O240  O2422  O2423  O2424  O2429  O2432  O2433  O2434  O2439  O2442  O2443  O2444  O2449  O2452  O2453  O2454  O2459  O2492  O2493  O2494  O2499 | Events of labour and birth  – ICD-10-AM code **or**  Indication for induction (main reason)  – ICD-10-AM code **or**  Indications for operative delivery  – ICD-10-AM code **or**  Maternal medical conditions  – ICD-10-AM code **or**  Obstetric complications  – ICD‑10‑AM code **or**  Postpartum complications  – ICD‑10‑AM code |
| **Diabetes mellitus during pregnancy – type** | **May not report any code below:** | | **In any of the following data elements:** |
| Code 4 Gestational diabetes mellitus (GDM) | O240  O2412  O2413  O2414  O2419  O2422  O2423  O2424  O2429  O2432  O2433  O2434  O2439  O2452  O2453  O2454  O2459  O2492  O2493  O2494  O2499 | | Events of labour and birth  – ICD-10-AM code **or**  Indication for induction (main reason)  – ICD-10-AM code **or**  Indications for operative delivery  – ICD-10-AM code **or**  Maternal medical conditions  – ICD-10-AM code **or**  Obstetric complications  – ICD‑10‑AM code **or**  Postpartum complications  – ICD‑10‑AM code |

(Business rule table continues over page)

|  |  |  |
| --- | --- | --- |
| **Diabetes mellitus during pregnancy – type** | **May not report any code below:** | **In any of the following data elements:** |
| Code 8 Other type of diabetes mellitus | O240  O2412  O2413  O2414  O2419  O2442  O2443  O2444  O2449  O2452  O2453  O2454  O2459  O2492  O2493  O2494  O2499 | Events of labour and birth  – ICD-10-AM code **or**  Indication for induction (main reason)  – ICD-10-AM code **or**  Indications for operative delivery  – ICD-10-AM code **or**  Maternal medical conditions  – ICD-10-AM code **or**  Obstetric complications  – ICD‑10‑AM code **or**  Postpartum complications  – ICD‑10‑AM code |
| **Diabetes mellitus during pregnancy – type** | **May not report any code below:** | **In any of the following data elements:** |
| Code 9 Not stated / inadequately described | O240  O2412  O2413  O2414  O2419  O2422  O2423  O2424  O2429  O2432  O2433  O2434  O2439  O2442  O2443  O2444  O2449  O2452  O2453  O2454  O2459 | Events of labour and birth  – ICD-10-AM code **or**  Indication for induction (main reason)  – ICD-10-AM code **or**  Indications for operative delivery  – ICD-10-AM code **or**  Maternal medical conditions  – ICD-10-AM code **or**  Obstetric complications  – ICD‑10‑AM code **or**  Postpartum complications  – ICD‑10‑AM code |

## Diabetes mellitus therapy during pregnancy valid combinations

|  |  |  |
| --- | --- | --- |
| **Diabetes mellitus therapy during pregnancy** | **May not report any code below:** | **In any of the following data elements:** |
| 9 Not stated / inadequately described | 2 Insulin **or**  3 Oral hypoglycaemics **or**  4 Diet and exercise | Diabetes mellitus therapy during pregnancy |
| 2 Insulin **or**  3 Oral hypoglycaemics **or**  4 Diet and exercise | 9 Not stated / inadequately described | Diabetes mellitus therapy during pregnancy |

## Discipline of antenatal care provider and Number of antenatal care visits valid combinations

|  |  |
| --- | --- |
| **If Discipline of antenatal care provider is:** | **Number of antenatal care visits must be:** |
| 1 Obstetrician **or**  2 Midwife **or**  3 General practitioner **or**  8 Other | Equal to or greater than 01 |
| 4 No antenatal care provider | 00 |

## Episiotomy – indicator and Method of birth valid combinations

|  |  |
| --- | --- |
| **If Episiotomy – indicator is:** | **Method of birth must be:** |
| 1 Incision of the perineum and vagina made | 1 Forceps **or**  3 Vaginal birth – non-instrumental **or**  5 Unplanned caesarean – labour **or**  8 Vacuum extraction **or**  10 Other operative birth |

## Episiotomy – indicator, Perineal laceration – indicator and Perineal laceration – repair valid combinations

|  |  |
| --- | --- |
| **If Episiotomy – indicator is:** | **Perineal laceration – repair must be:** |
| 1 Incision of the perineum and vagina made | 1 Repair of perineum undertaken |
| **and**  **Perineal laceration – indicator** **is**: |
| 1 Laceration/tear of the perineum following birth |

## Estimated gestational age conditionally mandatory data items for Birth status code 1 Liveborn

**When Birth status reported as code 1 Liveborn:**

|  |  |
| --- | --- |
| **and Estimated gestational age is:** | **values must be reported in at least one of the following data items:** |
| Between 16 and 36 | Neonatal morbidity – free text  Neonatal morbidity – ICD-10-AM code |

## Estimated gestational age and Gestational age at first antenatal visit valid combinations

|  |  |
| --- | --- |
| **If Gestational age at first antenatal visit is:** | **Estimated gestational age must be:** |
| Between 02 and 45 | Greater than (or equal to) gestational age at first antenatal visit |

## Estimated gestational age, Gestation at first COVID19 vaccination during this pregnancy and Gestation at second COVID19 vaccination during this pregnancy valid combinations

|  |  |  |
| --- | --- | --- |
| **Where Gestation at first COVID19 vaccination during this pregnancy is:** | **Then Gestation at second COVID19 vaccination during this pregnancy must be:** | **And Estimated gestational age must be:** |
| In the range 01 to 45 inclusive | **a number greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy** | **a number greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy** |
| In the range 01 to 45 inclusive | **77 Only one dose received during this pregnancy** | **a number greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy** |

## Fetal monitoring in labour and Labour type valid combinations

|  |  |
| --- | --- |
| **If Labour Type is:** | **Fetal monitoring in labour must report:** |
| 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  4 Augmented  **without**  5 No labour | **Either**:  01 None **or**  99 Not stated/inadequately described **or**  **At least one, and up to seven**, of the following codes, **with no code reported more than once**:  02 Intermittent auscultation  03 Admission cardiotocography  04 Intermittent cardiotocography  05 Continuous external cardiotocography  06 Internal cardiotocography (scalp electrode)  07 Fetal blood sampling  88 Other |
| Any value **including**  5 No labour | Blank |
| 9 Not stated/inadequately described | Any value **or**  Blank |

## Fetal monitoring prior to birth – not in labour and Labour type valid combinations

|  |  |
| --- | --- |
| **If Labour Type is:** | **Fetal monitoring prior to birth – not in labour must be:** |
| 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  4 Augmented  **without**  5 No labour | Blank |
| Any value **including**  5 No labour | **Either**:  01 None **or**  99 Not stated/inadequately described **or**  **At least one, and up to five**, of the following codes, **with no code reported more than once**:  02 Intermittent auscultation  03 Admission cardiotocography  04 Intermittent cardiotocography  05 Continuous external cardiotocography  88 Other |
| 9 Not stated/inadequately described | Any value **or**  Blank |

## Gestational age at first antenatal visit and Number of antenatal care visits valid combinations

|  |  |
| --- | --- |
| **If Gestational age at first antenatal visit is:** | **Number of antenatal care visits must be:** |
| Between 02 and 45 (inclusive) | Equal to or greater than 01 |
| 88 No antenatal care | 00 |

## Gravidity ‘Multigravida’ conditionally mandatory data items

|  |  |
| --- | --- |
| **If Gravidity is:** | **the following items cannot be blank:** |
| Greater than one | Date of completion of last pregnancy  Last birth – caesarean section indicator  Outcome of last pregnancy  Total number of previous caesareans |

## Gravidity ‘Primigravida’ and associated data items valid combinations

|  |  |
| --- | --- |
| **If Gravidity is** 01**:** | |
| **the following data items:** | **must be reported as:** |
| Parity  Total number of previous abortions – induced  Total number of previous abortions – spontaneous  Total number of previous caesareans  Total number of previous ectopic pregnancies  Total number of previous live births  Total number of previous neonatal deaths  Total number of previous stillbirths (fetal deaths)  Total number of previous unknown outcomes of pregnancy  Date of completion of last pregnancy  Outcome of last pregnancy | 00  00  00  00  00  00  00  00  00  Blank  Blank |

## Gravidity and Parity valid combinations

|  |  |  |
| --- | --- | --- |
| **Data item:** | **rule:** | **Gravidity:** |
| Parity | must be less than | Gravidity |

## Gravidity and related data items

|  |
| --- |
| **Gravidity must be less than or equal to the sum of:** |
| Total number of previous abortions – induced  Total number of previous abortions – spontaneous  Total number of previous ectopic pregnancies  Total number of previous live births  Total number of previous neonatal deaths  Total number of previous stillbirths (fetal deaths)  Total number of previous unknown outcomes of pregnancy  Plus one (for example, the current pregnancy) |

## Indication for induction (main reason) – ICD-10-AM code and Indications for induction (other) – free text valid combinations

|  |  |
| --- | --- |
| **Where an entry is reported for Indications for induction (other) – free text** | **then there must be a valid code reported in Indication for induction (main reason) – ICD‑10‑AM code** |
| **If there is no Indication for induction (main reason) – ICD-10-AM code reported** | **then there may be no entry reported for Indications for induction (other) – free text** |

## Labour induction/augmentation agent and Labour induction/ augmentation agent – other specified description conditionally mandatory data item

|  |  |
| --- | --- |
| **If Labour induction/augmentation agent is:** | **the following item cannot be blank:** |
| 8 Other – specify | Labour induction/augmentation agent – other specified description |

## Labour type and Analgesia for labour – indicator conditionally mandatory data item

|  |  |
| --- | --- |
| **If one or more Labour type is:** | **the following item cannot be blank:** |
| 1 Spontaneous **or**  2 Induced – medical **or**  3 Induced – surgical **or**  4 Augmented | Analgesia for labour – indicator |

## Labour type and Labour induction/augmentation agent valid combinations

|  |  |
| --- | --- |
| **When Labour type is:** | **Labour induction/augmentation agent:** |
| 2 Induced – medical **or**  3 Induced – surgical **or**  4 Augmented | Cannot be blank |

## Labour type ‘Failed induction’ conditionally mandatory data items

|  |  |
| --- | --- |
| **If Labour type is:** | **Failed induction must be reported by submitting the following ICD-10-AM code/s in at least one of the following data items:** |
| 2 Induced medical **and** 5 No labour | Code O610 Failed medical induction of labour – in Indications for operative delivery – free text **or**  Indications for operative delivery – ICD-10-AM code |
| 3 Induced surgical **and** 5 No labour | Code O611 Failed surgical induction of labour - in  Indications for operative delivery – free text **or**  Indications for operative delivery – ICD-10-AM code |
| 2 Induced medical **and** 3 Induced surgical **and** 5 No labour | Code O610 Failed medical induction of labour and Code O611 Failed surgical induction of labour – in Indications for operative delivery – free text **or**  Indications for operative delivery – ICD-10-AM code |

## Labour type, Indication for induction (main reason) – ICD-10-AM code and Indications for induction (other) – free text valid combinations

|  |  |
| --- | --- |
| **If Labour type is:** |  |
| 2 Induced medical **or**  3 Induced surgical **or**  2 Induced medical **and** 3 Induced surgical | A valid code must be reported in Indication for induction (main reason) – ICD-10-AM code.  An entry may also be reported for Indications for induction (other) – free text, if appropriate. |

## Labour type ‘Woman in labour’ and associated data items valid combinations

|  |  |
| --- | --- |
| **If Labour type is:** | **and Method of birth is:** |
| 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  1 Spontaneous **and** 4 Augmented **or**  2 Induced medical **and** 3 Induced surgical | 1 Forceps **or**  3 Vaginal birth – non-instrumental **or**  8 Vacuum extraction |
| **the following data items:** | **must report:** |
| Category of unplanned caesarean section urgency  Date of decision for unplanned caesarean section  Date of onset of labour  Date of onset of second stage of labour  Date of rupture of membranes  Fetal monitoring prior to birth – not in labour  Time of decision for unplanned caesarean section  Time of onset of labour  Time of onset of second stage of labour  Time of rupture of membranes | Blank  Blank  DDMMCCYY  DDMMCCYY  DDMMCCYY **or** 77777777  Blank  Blank  HHMM or 7777  HHMM  HHMM **or** 7777 |

|  |  |
| --- | --- |
| **If labour type is:** | **and Method of birth is:** |
| 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  1 Spontaneous **and** 4 Augmented **or**  2 Induced medical **and** 3 Induced surgical | 6 Planned caesarean – labour |
| **the following data items:** | **must report:** |
| Category of unplanned caesarean section urgency  Date of decision for unplanned caesarean section  Date of onset of labour  Date of onset of second stage of labour  Date of rupture of membranes  Fetal monitoring prior to birth – not in labour  Time of decision for unplanned caesarean section  Time of onset of labour  Time of onset of second stage of labour  Time of rupture of membranes | Blank  Blank  DDMMCCYY  DDMMCCYY **or** 88888888  DDMMCCYY **or** 77777777 **or** 88888888  Blank  Blank  HHMM or 7777  HHMM **or** 8888  HHMM **or** 7777 or 8888 |

|  |  |
| --- | --- |
| **If labour type is:** | **and Method of birth is:** |
| 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  1 Spontaneous **and** 4 Augmented **or**  2 Induced medical **and** 3 Induced surgical | 5 Unplanned caesarean – labour |
| **the following data items:** | **must report:** |
| Category of unplanned caesarean section urgency  Date of decision for unplanned caesarean section  Date of onset of labour  Date of onset of second stage of labour  Date of rupture of membranes  Fetal monitoring prior to birth – not in labour  Time of decision for unplanned caesarean section  Time of onset of labour  Time of onset of second stage of labour  Time of rupture of membranes | 1 **or** 2 **or** 3 **or** 9  DDMMCCYY  DDMMCCYY  DDMMCCYY **or** 88888888  DDMMCCYY **or** 77777777 **or** 88888888  Blank  HHMM  HHMM or 7777  HHMM **or** 8888  HHMM **or** 7777 or 8888 |

## Labour type ‘Woman not in labour’ and associated data items valid combinations

|  |  |
| --- | --- |
| **If Labour type is:** | **and Method of birth is:** |
| 5 No labour **or**  2 Induced medical **and** 5 No labour **or**  3 Induced surgical **and** 5 No labour **or**  2 Induced medical **and** 3 Induced surgical **and** 5 No labour | 4 Planned caesarean – no labour **or**  10 Other operative birth |
| **the following data items:** | **must report:** |
| Category of unplanned caesarean section urgency  Date of decision for unplanned caesarean section  Date of onset of labour  Date of onset of second stage of labour  Date of rupture of membranes  Fetal monitoring in labour  Time of decision for unplanned caesarean section  Time of onset of labour  Time of onset of second stage of labour  Time of rupture of membranes | Blank  Blank  88888888  88888888  DDMMYYYY **or** 77777777 **or** 88888888  Blank  Blank  8888  8888  HHMM **or** 7777 **or** 8888 |

|  |  |
| --- | --- |
| **If Labour type is:** | **and Method of birth is:** |
| 5 No labour **or**  2 Induced medical **and** 5 No labour **or**  3 Induced surgical **and** 5 No labour **or**  2 Induced medical **and** 3 Induced surgical **and** 5 No labour | 7 Unplanned caesarean – no labour |
| **the following data items:** | **must report:** |
| Category of unplanned caesarean section urgency  Date of decision for unplanned caesarean section  Date of onset of labour  Date of onset of second stage of labour  Date of rupture of membranes  Fetal monitoring in labour  Time of decision for unplanned caesarean section  Time of onset of labour  Time of onset of second stage of labour  Time of rupture of membranes | 1 **or** 2 **or** 3 **or** 9  DDMMCCYY  88888888  88888888  DDMMYYYY **or** 77777777 **or** 88888888  Blank  HHMM  8888  8888  HHMM **or** 7777 **or** 8888 |

## Mandatory to report data items

A valid value must be reported for the following data items. The value must not be a code for the descriptor ‘Not stated/Inadequately described’, as available for some of these items.

* Admission to high dependency unit (HDU) / intensive care unit (ICU) – mother
* Admitted patient election status – mother
* Antenatal corticosteroid exposure
* Apgar score at one minute
* Apgar score at five minutes
* Artificial reproductive technology – indicator
* Birth order
* Birth plurality
* Birth presentation
* Birth status
* Birth weight
* Blood loss (ml)
* Blood product transfusion – mother
* Collection identifier
* Congenital anomalies – indicator
* Cord complications
* Country of birth
* COVID vaccination status
* Date of admission – mother
* Date of birth – baby
* Date of birth – mother
* Date of onset of labour
* Date of onset of second stage of labour
* Date of rupture of membranes
* Diabetes mellitus during pregnancy – type
* Discipline of antenatal care provider
* Discipline of lead intra-partum care provider
* Episiotomy – indicator
* Episode identifier
* Estimated date of confinement
* Estimated gestational age
* First given name – mother
* Gestational age at first antenatal visit
* Gravidity
* Height – self-reported – mother
* Hospital code (agency identifier)
* Indigenous status – baby
* Indigenous status – mother
* Influenza vaccination status
* Labour type
* Marital status
* Maternal alcohol use at less than 20 weeks
* Maternal alcohol use at 20 or more weeks
* Maternal smoking < 20 weeks
* Maternal smoking ≥ 20 weeks
* Method of birth
* Number of antenatal care visits
* Parity
* Patient identifier – mother
* Perineal laceration – indicator
* Pertussis (whooping cough) vaccination status
* Prophylactic oxytocin in third stage
* Residential locality
* Residential postcode
* Residential road name – mother
* Residential road number – mother
* Residential road suffix code – mother
* Residential road type – mother
* Resuscitation method – drugs
* Resuscitation method – mechanical
* Separation date – mother
* Separation status – mother
* Setting of birth – actual
* Setting of birth - intended
* Sex – baby
* Surname / family name – mother
* Time of birth
* Time of onset of labour
* Time of onset of second stage of labour
* Time of rupture of membranes
* Time to established respiration (TER)
* Total number of previous abortions – induced
* Total number of previous abortions – spontaneous
* Total number of previous caesareans
* Total number of previous ectopic pregnancies
* Total number of previous live births
* Total number of previous neonatal deaths
* Total number of previous stillbirths (fetal deaths)
* Total number of previous unknown outcomes of pregnancy
* Transaction type flag
* Version identifier
* Weight – self-reported – mother

## Manual removal of placenta and Method of birth conditionally mandatory data items

|  |  |
| --- | --- |
| **If Manual removal of placenta is:** | **then Method of birth must be:** |
| Blank | 4 Planned caesarean – no labour **or**  5 Unplanned caesarean – labour **or**  6 Planned caesarean – labour **or**  7 Unplanned caesarean – no labour |
| 1 Placental manually removed **or**  2 Placenta not manually removed **or**  9 Not stated / inadequately described | 1 Forceps **or**  3 Vaginal birth – non-instrumental **or**  8 Vacuum extraction **or**  9 Not stated / inadequately described **or**  10 Other operative birth |

## Maternal alcohol use at less than 20 weeks, Maternal alcohol use at 20 or more weeks, Maternal alcohol volume intake at less than 20 weeks, Maternal alcohol volume intake at 20 weeks or more valid combinations

|  |  |
| --- | --- |
| **Where Maternal alcohol use at less than 20 weeks is:** | **Maternal alcohol volume intake at less than 20 weeks must be:** |
| 1 Never | Blank |
| 2 Monthly or less **or**  3 2-4 times a month **or**  4 2-3 times a week **or**  5 4 or more times a week | A code from:  1 1 or 2 standard drinks  2 3 or 4 standard drinks  3 5 or 6 standard drinks  4 7 to 9 standard drinks  5 10 or more standard drinks  9 Not stated / inadequately described |
| **Where Maternal alcohol use at 20 weeks or more is:** | **Maternal alcohol volume intake at 20 weeks or more must be:** |
| 1 Never | Blank |
| 2 Monthly or less **or**  3 2-4 times a month **or**  4 2-3 times a week **or**  5 4 or more times a week | A code from:  1 1 or 2 standard drinks  2 3 or 4 standard drinks  3 5 or 6 standard drinks  4 7 to 9 standard drinks  5 10 or more standard drinks  9 Not stated / inadequately described |

## Method of birth and Anaesthesia for operative delivery – indicator conditionally mandatory data item

|  |  |
| --- | --- |
| **If Method of birth is:** | **then the following item cannot be blank:** |
| 1 Forceps **or**  4 Planned caesarean – no labour **or**  5 Unplanned caesarean – labour **or**  6 Planned caesarean – labour **or**  7 Unplanned caesarean – no labour **or**  8 Vacuum extraction **or**  10 Other operative birth | Anaesthesia for operative delivery – indicator |

## Method of birth and Labour type valid combinations

|  |  |
| --- | --- |
| **If Method of birth is:** | **Labour type must be:** |
| 1 Forceps or  3 Vaginal birth – non-instrumental or  5 Unplanned caesarean – labour or  6 Planned caesarean – labour or  8 Vacuum extraction **or**  10 Other operative birth | 1 Spontaneous **or**  2 Induced medical **or**  3 Induced surgical **or**  1 Spontaneous **and** 4 Augmented **or**  2 Induced medical **and** 3 Induced surgical |
| 4 Planned caesarean – no labour | 5 No labour |
| 7 Unplanned caesarean – no labour **or**  10 Other operative birth | 5 No labour **or** 2 Induced medical **and** 5 No labour **or**  3 Induced surgical **and** 5 No labour **or**  2 Induced medical **and** 3 Induced surgical **and**   5 No labour |

## Method of birth and Manual removal of placenta conditionally mandatory data item

|  |  |
| --- | --- |
| **If Method of birth is:** | **then the following item cannot be blank:** |
| 1 Forceps **or**  3 Vaginal birth – non-instrumental **or**  8 Vacuum extraction | Manual removal of placenta |

## Method of birth, Indications for operative delivery – free text and Indications for operative delivery – ICD-10-AM code valid combinations

|  |  |
| --- | --- |
| **If Method of birth is:** | **the Indication for operative delivery must be reported in at least one of the following data items:** |
| 1 Forceps **or**  4 Planned caesarean – no labour **or**  5 Unplanned caesarean – labour **or**  6 Planned caesarean – labour **or**  7 Unplanned caesarean – no labour **or**  8 Vacuum extraction **or**  10 Other operative birth | Indications for operative delivery – free text  Indications for operative delivery – ICD-10-AM code |

## Method of birth and Setting of birth – actual valid combinations

|  |  |
| --- | --- |
| **If Method of birth is:** | **then Setting of birth – actual must not be:** |
| 4 Planned caesarean – no labour **or**  5 Unplanned caesarean – labour **or**  6 Planned caesarean – labour **or**  7 Unplanned caesarean – no labour **or**  10 Other operative birth | 0003 Home (other) **or**  0005 In transit **or**  0006 Home – Private midwife care **or**  0007 Home – Public homebirth program **or**  0008 Other – specify **or**  0009 Not stated / inadequately described |

## Outcome of last pregnancy and associated data item valid combinations

|  |  |
| --- | --- |
| **If Outcome of last pregnancy is:** | **then the value for the following data items must be greater than 00:** |
| 1 Live birth | Total number of previous live births |
| 2 Spontaneous abortion | Total number of previous abortions – spontaneous |
| 3 Not stated / inadequately described | Total number of previous unknown outcomes of pregnancy |
| 4 Stillbirth | Total number of previous stillbirths (fetal deaths) |
| 5 Induced abortion | Total number of previous abortions – induced |
| 6 Neonatal death | Total number of previous neonatal deaths |
| 7 Ectopic pregnancy | Total number of previous ectopic pregnancies |

## Outcome of last pregnancy and Last birth – caesarean section indicator conditionally mandatory data items

|  |  |
| --- | --- |
| **If Outcome of last pregnancy is:** | **then the following item cannot be blank:** |
| 1 Live birth **or**  4 Stillbirth **or**  6 Neonatal death | Last birth – caesarean section indicator |

## Parity and associated data items valid combinations

|  |  |
| --- | --- |
| **If Parity is:** | **then the following item cannot be blank:** |
| Greater than 00 | Date of completion of last pregnancy |
| **and Outcome of last pregnancy must be:** |
| 1 Live birth **or**  4 Stillbirth **or**  6 Neonatal death |

## Parity and related data items

|  |
| --- |
| **Parity must be less than or equal to the sum of:** |
| Total number of previous live births  Total number of previous neonatal deaths  Total number of previous stillbirths (fetal deaths) |

## Perineal laceration – indicator and Method of birth valid combinations

|  |  |
| --- | --- |
| **If Perineal laceration – indicator is:** | **Method of birth must be:** |
| 1 Laceration/tear of the perineum following birth | 1 Forceps **or**  3 Vaginal birth – non-instrumental **or**  5 Unplanned caesarean – labour **or**  8 Vacuum extraction **or**  10 Other operative birth |

## Perineal laceration – indicator and Perineal/genital laceration – degree/type valid combinations

When Perineal laceration indicator is **code 1 – Laceration/tear of the perineum following birth**, valid **Perineal/genital Laceration – degree/type codes** are:

|  |
| --- |
| **Single codes:** |
| 1 first degree laceration/tear |
| 2 second degree laceration/tear |
| 3 third degree laceration/tear |
| 4 fourth degree laceration/tear |

|  |  |
| --- | --- |
| **Two-code combinations:** | |
| 1 First degree laceration/tear | * 5 Labial/clitoral laceration/tear |
| 1 First degree laceration/tear | * 6 Vaginal wall laceration/tear |
| 1 First degree laceration/tear | * 7 Cervical laceration/tear |
| 1 First degree laceration/tear | * 8 Other |
| 2 Second degree laceration/tear | * 5 Labial/clitoral laceration/tear |
| 2 Second degree laceration/tear | * 6 Vaginal wall laceration/tear |
| 2 Second degree laceration/tear | * 7 Cervical laceration/tear |
| 2 Second degree laceration/tear | * 8 Other |
| 3 Third degree laceration/tear | * 5 Labial/clitoral laceration/tear |
| 3 Third degree laceration/tear | * 6 Vaginal wall laceration/tear |
| 3 Third degree laceration/tear | * 7 Cervical laceration/tear |
| 3 Third degree laceration/tear | * 8 Other |
| 4 Fourth degree laceration/tear | * 5 Labial/clitoral laceration/tear |
| 4 Fourth degree laceration/tear | * 6 Vaginal wall laceration/tear |
| 4 Fourth degree laceration/tear | * 7 Cervical laceration/tear |
| 4 Fourth degree laceration/tear | * 8 Other |
| 5 Labial/clitoral laceration/tear | * 6 Vaginal wall laceration/tear |
| 5 Labial/clitoral laceration/tear | * 7 Cervical laceration/tear |
| 5 Labial/clitoral laceration/tear | * 8 Other |
| 6 Vaginal wall laceration/tear | * 7 Cervical laceration/tear |
| 6 Vaginal wall laceration/tear | * 8 Other |
| 7 Cervical laceration/tear | * 8 Other |

When Perineal laceration indicator is **code 2 No laceration/tear of the perineum following birth,** valid **Perineal/genital laceration – degree/type** **codes** are:

|  |  |
| --- | --- |
| **Single codes:** | |
| blank | |
| 5 Labial/clitoral laceration/tear | |
| 6 Vaginal wall laceration/tear | |
| 7 Cervical laceration/tear | |
| 8 Other | |
| **Two-code combinations:** | |
| 5 Labial/clitoral laceration/tear | * 6 Vaginal wall laceration/tear |
| 5 Labial/clitoral laceration/tear | * 7 Cervical laceration/tear |
| 6 Vaginal wall laceration/tear | * 7 Cervical laceration/tear |

## Perineal laceration – indicator and Perineal laceration – repair conditionally mandatory data items

|  |  |
| --- | --- |
| **If Perineal laceration – indicator is:** | **then the following item cannot be blank:** |
| 1 Laceration/tear of the perineum following birth | Perineal laceration – repair |

## Residential locality and Residential postcode valid combinations

The reported postcode and locality combination is checked against the reference file to ensure they are a valid combination.

**Example:** ‘Melbourne’ is a valid Residential locality and ‘3050’ is a valid Residential postcode, but together they are an invalid Residential postcode and Residential locality combination. Valid postcode combinations for the locality ‘Melbourne’ are: ‘3000’, ‘3002’, ‘3003’, ‘3004’, ‘3051’, ‘3205’ and ‘3207’.

Valid locality combinations for the postcode ‘3002’ are: ‘E Melbourne’, ‘E. Melbourne’, ‘East Melbourne’, ‘Jolimont’, ‘Melbourne’, ‘Melbourne East’, ‘Parliament House, Melbourne’ and ‘Sinclair’.

## Scope ‘Stillborn’

|  |  |
| --- | --- |
| **If Birth status is:** | **then Estimated gestational age must be:** |
| 2 Stillborn (occurring before labour) **or**  3 Stillborn (occurring during labour) **or**  4 Stillborn (timing of occurrence unknown) | Equal to or greater than 20 weeks |

|  |  |
| --- | --- |
| **If Birth status is:** | **then Birth weight must be:** |
| 2 Stillborn (occurring before labour) **or**  3 Stillborn (occurring during labour) **or**  4 Stillborn (timing of occurrence unknown) | Equal to or greater than 400 grams |
| **And Estimated gestational age is:** |
| 99 Not stated / inadequately described |

## Separation status – baby, Reason for transfer out – baby and Transfer destination – baby conditionally mandatory data item

|  |  |
| --- | --- |
| **If Separation status – baby is:** | **then the following item cannot be blank:** |
| 3 Transferred | Transfer destination – baby |
| **And Reason for transfer out – baby is not:** |
| 4 HITH |

## Separation status – mother, Reason for transfer out – mother and Transfer destination – mother – conditionally mandatory data item

|  |  |
| --- | --- |
| **If Separation status – mother is:** | **then the following item cannot be blank:** |
| 3 Transferred | Transfer destination – mother |
| **And Reason for transfer out – mother is not:** |
| 4 HITH |

## Setting of birth – actual and Admitted patient election status – mother valid combinations

|  |  |
| --- | --- |
| **If Setting of birth – actual is:** | **Admitted patient election status – mother must be:** |
| 0007 Home – public homebirth program | 1 Public |
| 0006 Home – private midwife care | 2 Private |

## Setting of birth – actual and Setting of birth – actual – other specified description conditionally mandatory data item

|  |  |
| --- | --- |
| **If Setting of birth – actual is:** | **then the following item cannot be blank:** |
| 0008 Other – specify | Setting of birth – actual – other specified description |

## Setting of birth – actual, Setting of birth – intended, Setting of birth – change of intent and Setting of birth – change of intent – reason conditionally mandatory data items

|  |  |
| --- | --- |
| **If Setting of birth – intended is:** | **then the following items cannot be blank:** |
| not equal to Setting of birth – actual | Setting of birth – change of intent  Setting of birth – change of intent – reason |

## Setting of birth – intended and Setting of birth – intended – other specified description conditionally mandatory data item

|  |  |
| --- | --- |
| **If Setting of birth – intended is:** | **then the following item cannot be blank:** |
| 0008 Other – specify | Setting of birth – intended – other specified description |

## Sex – baby and Congenital anomalies – indicator conditionally mandatory data item

|  |  |
| --- | --- |
| **If Sex – baby is:** | **Congenital anomalies – indicator must be:** |
| 3 Indeterminate | 3 Congenital anomalies identified antenatally **or**  4 Congenital anomalies identified postnatally **or**  5 Congenital anomalies identified both antenatally and postnatally |

## Time to established respiration and Resuscitation method – mechanical valid combinations

|  |  |
| --- | --- |
| **If Time to established respiration is:** | **then the Resuscitation method – mechanical must include at least one of the following:** |
| Greater than or equal to five minutes and less than or equal to 30 minutes | 02 Suction **or**  03 Oxygen therapy **or**  04 Intermittent positive pressure respiration (IPPR) bag and mask with air **or**  14 IPPR bag and mask with oxygen **or**  05 Endotracheal intubation and IPPR with air **or**  15 Endotracheal intubation and IPPR with oxygen **or**  06 External cardiac massage and ventilation **or**  07 Continuous positive airway pressure with air **or**  17 Continuous positive airway pressure with oxygen |

## Total number of previous caesareans and Plan for VBAC conditionally mandatory data item

|  |  |
| --- | --- |
| **If Total number of previous caesareans is:** | **then the following item cannot be blank:** |
| Greater than 00 | Plan for VBAC |

## Transaction Type Flag processing against prior data held, not held or deactivated

|  |  |  |  |
| --- | --- | --- | --- |
| **TTF in this record** | **Prior record in VPDC?** | **Prior record’s TTF & (current Status)** | **Will this record be rejected?** |
| C | No | Not applicable | No |
| C | Yes | C or N or U or R (Active) | No |
| C | Yes | X (Deactivated) | Yes |
| N | No | Not applicable | No |
| N | Yes | C or N or U or R (Active) | No |
| N | Yes | X (Deactivated) | Yes |
| U | No | Not applicable | No |
| U | Yes | C or N or U or R (Active) | No |
| U | Yes | X (Deactivated) | Yes |
| X | No | Not applicable | Yes |
| X | Yes | C or N or U or R (Active) | No |
| X | Yes | X (Deactivated) | No |
| R | No | Not applicable | Yes |
| R | Yes | C or N or U or R (Active) | No |
| R | Yes | X (Deactivated) | No |