Australian and New Zealand Assisted Reproduction Database (ANZARD)

ANZARD 3.0
DATA DICTIONARY
VERSION 5.0

National Perinatal Epidemiology and Statistics Unit
The University of New South Wales

November 2020
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Level 2, AGSM Building (G27)  
UNSW Sydney  
NSW 2052  
Australia
## PATIENT AND INTENDING PARENT(S) DETAILS

<table>
<thead>
<tr>
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<tr>
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</tr>
<tr>
<td>First two letters of the female patient’s surname Δ</td>
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<tr>
<td>Female patient’s date of birth ▲</td>
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<td>Female patient’s weight ▲</td>
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<td>First two letters of the male intending parent’s first name ▲</td>
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<td>First two letters of the male intending parent’s surname ▲</td>
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<td>Postcode</td>
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</table>

## CYCLE DETAILS

<table>
<thead>
<tr>
<th>Data Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Cycle ID</td>
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<tr>
<td>Cycle date △</td>
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</tr>
<tr>
<td>Cycle type ▲</td>
<td>22</td>
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<td>26</td>
</tr>
<tr>
<td>Reason for fertility preservation ▲</td>
<td>27</td>
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<tr>
<td>Date trying to conceive ▲</td>
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<tr>
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</tr>
<tr>
<td>Reason for assisted reproductive technology (ART) ▲</td>
<td>31</td>
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<tr>
<td>Cause of infertility: tubal disease</td>
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</tr>
<tr>
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</tr>
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</tr>
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INTRODUCTION

The Australian and New Zealand Assisted Reproduction Database (ANZARD) collects information on assisted reproductive technology (ART) and donor sperm insemination (DI) treatments undertaken in Australian and New Zealand fertility clinics and the resulting pregnancy and birth outcomes.

ANZARD is a collaborative effort between the National Perinatal Epidemiology and Statistics Unit (NPESU) and fertility centres in Australia and New Zealand and is financially supported by the Fertility Society of Australia (FSA). The NPESU is a unit within the Centre for Big Data Research in Health and the School of Women’s and Children’s Health of the University of New South Wales (UNSW Sydney).

The data collected in ANZARD are used for a variety of purposes, including in the production of the *Assisted Reproductive Technology in Australia and New Zealand annual report series*, to monitor ART treatment practices, success rates and perinatal outcomes, to inform standards for accreditation of fertility clinics, and to provide feedback to clinics on their data compared to national standards.

The purpose of the data dictionary is to create consistent reporting and coding of assisted reproductive technology (ART) cycles and donor insemination (DI) cycles across fertility clinics in Australia and New Zealand. All fields in ANZARD 3.0 must be coded and submitted to the National Perinatal Epidemiology and Statistics Unit (NPESU) according to the data dictionary.

The ANZARD 3.0 Data Dictionary was compiled following extensive consultation with fertility clinics across Australia and New Zealand and was endorsed by the Fertility Society of Australia (FSA) and the ANZARD Management Committee in 2018.

The ANZARD 3.0 Data Dictionary supersedes the ANZARD 2.0 Data Dictionary which was active for treatments undertaken between January 2009 and December 2019. The ANZARD 3.0 Data Dictionary must be used for all cycles commenced from January 1, 2020. The ANZARD Data Portal will only accept submissions from ART Units that comply with the ANZARD 3.0 Data Dictionary. The timeline below outlines the transition and data submission process from ANZARD 2.0 and ANZARD 3.0.
ASSOCIATED DOCUMENTS and TRAINING

- ANZARD 3.0 Cycle-specific Reporting Manual
- Clinic staff and data portal users can access training material via the ANZARD data portal https://anzard.med.unsw.edu.au/

DEFINITION OF ANZARD 3.0 CYCLE

An ANZARD 3.0 ‘cycle’ is defined when a medical procedure is attempted or takes place, or when certain laboratory procedures are undertaken. This is further broken down to specific terms ‘treatment cycles’ and ‘laboratory only cycles.’ Definitions of these terms for reporting purposes are described below.

An ANZARD 3.0 treatment cycle involves an attempted/actual medical procedure being carried out on a female patient and includes the following scenarios:
- Ovarian stimulation with the intention of oocyte collection in autologous or donation cycle.
- Attempted/actual oocyte collection, whether in a stimulated or unstimulated, autologous or donation cycle.
- Attempted/actual oocyte thaw with intention of fertilisation and embryo transfer.
- Attempted/actual embryo thaw with the intention of embryo transfer.
- Insemination of donated sperm as part of an IUI cycle.

An ANZARD 3.0 laboratory cycle involves a laboratory procedure with no planned patient involvement and includes the following scenarios:
- Receipt of donor oocytes with the intention of fertilisation and freezing of all resulting embryos.
- Attempted/actual oocyte thaw with intention of fertilisation and freezing of all resulting embryos.
- PGT cycles where embryos are thawed and refrozen with no intention of embryo transfer in the reported cycle.

Please note, that the following cycles will not be recorded in ANZARD 3.0:

1. Commissioning cycles involving intending parents for surrogacy arrangements where no medical treatment or procedure takes place.
2. Embryo disposal cycles.
3. Import/export of oocytes or embryos to another ART Unit regardless of whether the ART Units are part of the same company or not.
4. IUI cycles using partner sperm.
5. Cycles involving ‘transfer of ownership’ of gametes or embryos where no medical or laboratory procedures occur, including:
   - i. Receipt of donor oocytes with no intention of attempted fertilisation.
   - ii. Receipt of donor embryos with no intention of transfer.
   - iii. Intending parent surrogacy cycles where no medical treatment is initiated.
   - iv. Oocyte/embryo thaw with the intention of or actual donation.
SUMMARY OF DATA ITEM CHANGES FROM ANZARD 2.0

The following table lists new, revised/modified and deleted data items that have been endorsed for ANZARD 3.0:

- 26 new data items were added where ▲ indicates a new data item
- 6 data items have been modified where Δ indicates a modified data item
- 12 items have been replaced
- 6 items have been removed

Note: a list of data items that have been superseded (modified or replaced) and removed can be found in Appendix 1 and Appendix 2, respectively. Additionally, refer to the ANZARD 3.0 Summary of Changes for a list of changes between data dictionary versions.

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<th>Modified Δ</th>
<th>Replaced</th>
<th>Removed</th>
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<td>PDOB (replaced with MDOB_1)</td>
<td>N_EGGEXP</td>
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<td>SP_PERSN (replaced with SP_SOURCE)</td>
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**DATA DICTIONARY FORMAT**

To ensure high data quality and consistency, please adhere to the definitions and guidelines in this data dictionary. Each data item has the following attributes:

<table>
<thead>
<tr>
<th>ATTRIBUTE</th>
<th>MEANING</th>
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<tbody>
<tr>
<td><strong>ANZARD label:</strong></td>
<td>The data item name as specified in the data dictionary.</td>
</tr>
<tr>
<td><strong>Admin status:</strong></td>
<td>Indicates the date from when the data item is collected. For superseded and discontinued data items, an end date is also provided.</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>Specifies the version number of the data item.</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Specifies the metadata type of the data item to be collected.</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>Short description of the data item.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>Describes the context in which the data item should be reported.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Specifies the data type in which the data item should be submitted (e.g. character, numeric, text, date)</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Specifies the minimum and maximum size of the data item</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>Defines the format in which the data item should be submitted.</td>
</tr>
<tr>
<td></td>
<td>‘N’ represents numbers</td>
</tr>
<tr>
<td></td>
<td>‘C’ represents characters (alphanumeric)</td>
</tr>
<tr>
<td></td>
<td>‘T’ represents text (alphanumeric)</td>
</tr>
<tr>
<td></td>
<td>‘DD/MM/YYYY’ represents a date</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>Lists the permissible values for multiple choice data items.</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Indicates whether completion of the data item is mandatory (i.e. must be completed), conditional (i.e. must be completed if it meets certain conditions – see related metadata) or optional (i.e. is not mandatory).</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>Guidelines for interpretation, detailed explanation for use and examples.</td>
</tr>
<tr>
<td><strong>Related metadata:</strong></td>
<td>Lists related data items.</td>
</tr>
<tr>
<td><strong>Validation rules</strong>:</td>
<td>Defines the rules used by ANZARD to validate the correctness of the data item.</td>
</tr>
<tr>
<td><strong>Comments:</strong></td>
<td>Describes any additional information related to the data item.</td>
</tr>
</tbody>
</table>

*Validation Rules Key:*

“Equal to” is represented by “=”

“Not equal to” is represented by “!”=

“Greater than” is represented by “>”

“Less than” is represented by “<”

“Blank” for numeric variables is represented by “.”

“Blank” for character and text variables (including dates) is represented by “”
CLINIC DETAILS

ANZARD Unit Number

**ANZARD label:** ANZARD_UNIT  
**Admin status:** Collection from 01/01/2020  
**Version:** 2  
**Metadata type:** Data element  
**Definition:** A unit’s ID number assigned by the NPESU. An ANZARD Unit may consist of one or more ART Units as defined in the RTAC Code of Practice.  
**Context:** Required to accurately identify ANZARD units.  
**Data type:** Numeric  
**Field size:** Min. 3 Max. 3  
**Format:** N  
**Data domain:** N/A  
**Obligation:** Mandatory  
**Guide for use:** The ANZARD unit number must be entered for all cycles reported to ANZARD.  
**Related metadata:** ART_UNIT  
**Validation rules:** Must be equal to ANZARD Unit number assigned by the NPESU.  
**Comments:** This data item supersedes UNIT data item in ANZARD 2.0.
Reproductive Technology Accredited Committee (RTAC) Accredited Unit Number

**ANZARD label:** ART_UNIT  
**Admin status:** Collection from 01/01/2016  
**Version:** 2  
**Metadata type:** Data element  
**Definition:** RTAC Accredited Unit number supplied by RTAC. An ART Unit is a facility with a laboratory collecting or preparing human gametes and/or embryos for therapeutic service, possibly across a range of sites of clinical activity. Where the collection of gametes/embryos takes place at a different site to the preparation, the two sites are considered to be a single ART Unit.

**Context:** Required to accurately identify ART units.

**Data type:** Numeric  
**Field size:** Min. 3 Max. 3  
**Format:** N  
**Data domain:** N/A  
**Obligation:** Mandatory  

**Guide for use:** The ART Unit number must be entered for all cycles reported to ANZARD.

- For stimulated or unstimulated ART cycles, the ART_UNIT must correspond to where the oocytes were cryopreserved or fertilised.
- If the cycle is cancelled before OPU, the ART_UNIT is the one where embryology was intended to take place.
- For thaw cycles or lab-only cycles, the ART_UNIT is where the oocytes or embryos were thawed/warmed.
- For IUI cycles, the ART_UNIT is the one where sperm preparation took place.

**Related metadata:** None.

**Validation rules:** Must be equal to the ART Unit number associated with the user’s profile in the ANZARD data portal.

**Comments:** This data item supersedes the SITE data item in ANZARD 2.0
PATIENT AND INTENDING PARENT(S) DETAILS

Sex of the intending parents ▲

ANZARD label: PARENT_SEX
Admin status: Collection from 01/01/2020
Version: 1
Metadata type: Data element
Definition: The sex of the intending parents involved in the cycle.
Context: Required to accurately record patient relationships (between patient and oocyte and sperm donors), the sex (at birth) of the intending parents and surrogacy arrangements.

Data type: Numeric
Field size: Min. 1 Max. 1
Format: N
Data domain: 1 = A female-male couple
2 = A single female
3 = A female-female couple
4 = A single male
5 = A male-male couple
6 = Unknown – only for use in oocyte donation cycles to unknown intending parents

Obligation: Mandatory
Guide for use: Record the sex at birth, not the gender identification, of the intending parents. For fertility preservation cycles where the female patient is not in a relationship, record this data item as PARENT_SEX = 2. For surrogacy arrangements, record the sex (at birth) of the intending parents, not the patient undergoing treatment. For donation cycles where more than one set of intending parents is allocated to receive oocytes/embryos, record the sex of the intending parents who were allocated first. Use the COMMENT data item in the donor cycle to record the cycle IDs where the donor oocytes/embryos were used and the sex of all recipient intending parents.

Related metadata: CYCLE_TYPE
Validation rules: PARENT_SEX must be >=1 or <=6
If CYCLE_TYPE = Autologous: female-male couple, single female, female-female couple, then PARENT_SEX = 1, 2 or 3
If CYCLE_TYPE = Non-autologous: female-female couple, then PARENT_SEX = 3

Comments:
## Patient ID

**ANZARD label:** PAT_ID  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Patient's Medical Record Number.  
**Context:** ART Unit-issued unique patient identifier used by RTAC and the NPESU for data verification and auditing purposes.  
**Data type:** Character  
**Field size:** Min. 1 Max. 20  
**Format:** C  
**Data domain:** N/A  
**Obligation:** Mandatory  
**Guide for use:** The patient ID should be generated by the ART Unit where the patient is receiving treatment. Each patient’s ID should be unique. If both females in a female-female couple are receiving treatment, each should have their own unique patient ID. For surrogacy arrangements, each female patient (oocyte provider and gestational carrier) receiving treatment should have a unique patient ID. For lab-only cycles, the patient ID should correspond to the intending parents.  
**Related metadata:** CYCLE_TYPE, ART_UNIT  
**Validation rules:** PAT_ID!= ""  
**Comments:**
First two letters of the female patient's first name

**ANZARD label:** FNAM_FST2  
**Admin status:** Collection from 01/01/2020  
**Version:** 2  
**Metadata type:** Data element  
**Definition:** The first two letters of the female patient’s first name.  
**Context:** Facilitates creation of the statistical linkage key used by ANZARD to track cycles undertaken by the same woman.  
**Data type:** Character  
**Field size:** Min. 2 Max. 2  
**Format:** C  
**Data domain:** Letters A-Z (including underscores)  
**Obligation:** Mandatory  
**Guide for use:** Record the first two letters only of the female patient’s first name.  
  - **Do not** count characters such as apostrophes or hyphens, as letters. For example, if a patient’s first name is “J’adore” enter the first two letters as “JA.”  
  - If the female patient does not have a first name, record “__” (two underscores).  
  - For lab-only cycles, record the first two letters of the female intending parent’s first name.  
**Related metadata:** FNAM_SUR2, CYCLE_TYPE  
**Validation rules:** FNAM_FST2!=""  
**Comments:**
First two letters of the female patient’s surname

<table>
<thead>
<tr>
<th>ANZARD label:</th>
<th>FNAM_SUR2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin status:</td>
<td>Collection from 01/01/2020</td>
</tr>
<tr>
<td>Version:</td>
<td>2</td>
</tr>
<tr>
<td>Metadata type:</td>
<td>Data element</td>
</tr>
<tr>
<td>Definition:</td>
<td>The first two letters of the female patient’s surname.</td>
</tr>
<tr>
<td>Context:</td>
<td>Facilitates creation of the statistical linkage key used by ANZARD to track cycles undertaken by the same woman.</td>
</tr>
<tr>
<td>Data type:</td>
<td>Character</td>
</tr>
<tr>
<td>Field size:</td>
<td>Min. 2 Max. 2</td>
</tr>
<tr>
<td>Format:</td>
<td>C</td>
</tr>
<tr>
<td>Data domain:</td>
<td>Letters A-Z (including underscores)</td>
</tr>
<tr>
<td>Obligation:</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Guide for use:</td>
<td>Record the first two letters only of the female patient’s surname.</td>
</tr>
<tr>
<td></td>
<td>• Do not count characters such as apostrophes, as letters. For example, if a patient’s surname is “O’Riley” enter the first two letters as “OR.”</td>
</tr>
<tr>
<td></td>
<td>• If the female patient does not have a surname, record “__” (two underscores).</td>
</tr>
<tr>
<td></td>
<td>• For lab-only cycles, record the first two letters of the female intending parent’s surname.</td>
</tr>
</tbody>
</table>

Related metadata: FNAM_FST2
Validation rules: FNAM_FST2!= ""
Female patient’s date of birth ▲

**ANZARD label:** FDOB_PAT

**Admin status:** Collection from 01/01/2020

**Version:** 3

**Metadata type:** Data element

**Definition:** The primary female patient’s date of birth (DOB).

**Context:** Required to define age of the patient at the time of treatment.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional.

**Guide for use:** The female patient’s DOB is the DOB of the woman who is intending to or receiving treatment.

**Lab-only cycle** – where PARENT_SEX is a single male or a male-male couple, this field should be left blank.

**Lab-only cycle** – where PARENT_SEX is a female-male couple, single female or female-female couple, record the DOB of the female intending parent.

**Examples:**

- Oocyte collection cycle – the female patient is the woman who is undergoing the oocyte collection.
- Embryo transfer cycle – the female patient is the woman who will have the embryo transferred to her uterus.
- IUI cycle – the female patient is the woman who will receive the sperm.

**Related metadata:** PARENT_SEX

**Validation rules:** If (PARENT_SEX=male-male or single male) AND CYCLE_TYPE=lab-only, then FDOB_PAT= “”

FDOB_PAT<Current year

**Comments:** This data item replaces FDOB in ANZARD 2.0.
Female patient’s height ▲

**ANZARD label:** HEIGHT_F  

**Admin status:** Collection from 01/01/2020  

**Version:** 1  

**Metadata type:** Data element  

**Definition:** The female patient’s height (in centimetres).  

**Context:** Height of the female patient at the time of treatment, used to calculate body mass index.  

**Data type:** Number  

**Field size:** Min. 3 Max. 3  

**Format:** N  

**Data domain:** 999 = Height Unknown  

**Obligation:** Conditional  

**Guide for use:** The female patient’s height can be self-reported (by the female patient) or measured by the ART Unit. The height entered must correspond to the female patient whose date of birth is recorded in FDOB_PAT in the cycle. For lab-only cycles, leave this data item blank.  

**Related metadata:** FDOB_PAT  

**Validation rules:** If CYCLE_TYPE!= lab-only then HEIGHT_F!=.  

**Comments:**
Female patient’s weight ▲

**ANZARD label:** WEIGHT_F

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** The female patient’s weight (in kilograms) at the time of the current cycle.

**Context:** The weight of the female patient, at the time of treatment, used to calculate body mass index.

**Data type:** Number

**Field size:** Min. 2 Max. 3

**Format:** N

**Data domain:** 999 = Weight unknown

**Obligation:** Conditional

**Guide for use:** The female patient’s weight can be self-reported (by the female patient) or measured by the ART Unit. The weight entered must correspond to the female patient whose date of birth is recorded in FDOB_PAT in the cycle.

For lab-only cycles, leave this data item blank.

**Related metadata:** FDOB_PAT

**Validation rules:** If CYCLE_TYPE!= lab-only then WEIGHT_F!=.

**Comments:**
First two letters of the male intending parent's first name ▲

**ANZARD label:** MNAM_FST2

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** The first two letters of the male intending parent's first name.

**Context:** Facilitates creation of the statistical linkage key used by ANZARD.

**Data type:** Character

**Field size:** Min. 2 Max. 2

**Format:** C

**Data domain:** Letters A-Z (including underscores)

**Obligation:** Conditional

**Guide for use:** Record the first two letters only of the male intending parent's first name.

- **Do not** count characters such as apostrophes or hyphens, as letters. For example, if the first name is “J'adore” enter the first two letters as “JA.”
- For male-male couples, record the letters of the male intending parent’s first name, whose sperm is being used.
- If the male intending parent does not have a first name, record “__” (two underscores).

**Related metadata:** MNAM_SUR2

**Validation rules:** If PARENT_SEX = female-male couple, single male or male-male couple then MNAM_FST2!=""

**Comments:**
# First two letters of the male intending parent's surname ▲

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>MNAM_SUR2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Collection from 01/01/2020</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>The first two letters in the male intending parent's surname.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>Facilitates creation of statistical linkage key used by ANZARD.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Character</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 2 Max. 2</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>C</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>Letters A-Z (including underscores)</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Conditional</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>Record the first two letters only of the male intending parent's surname.</td>
</tr>
<tr>
<td></td>
<td>- <strong>Do not</strong> count characters such as apostrophes, as letters. For example, if a patient's surname is “O'Riley&quot; enter the first two letters as “OR.&quot;</td>
</tr>
<tr>
<td></td>
<td>- For male-male couples, record the letters of the male intending parent's surname, whose sperm is being used.</td>
</tr>
<tr>
<td></td>
<td>- If the male intending parent does not have a surname, record “__&quot; (two underscores).</td>
</tr>
<tr>
<td><strong>Related metadata:</strong></td>
<td>MNAM_FST2</td>
</tr>
<tr>
<td><strong>Validation rules:</strong></td>
<td>If PARENT_SEX = female-male couple, single male or male-male couple, then MNAM_SUR2!=&quot;&quot;</td>
</tr>
<tr>
<td><strong>Comments:</strong></td>
<td></td>
</tr>
</tbody>
</table>
### First male intending parent's date of birth ▲

**ANZARD label:** MDOB_1  
**Admin status:** Collection from 01/01/2020  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** The first male intending parent’s date of birth.  
**Context:** Captures the first male intending parent’s date of birth.  
**Data type:** Date  
**Field size:** Min. 10 Max. 10  
**Format:** DD/MM/YYYY  
**Data domain:** A valid date.  
**Obligation:** Conditional  
**Guide for use:** This field must be completed if the intending parents are:  
- female-male couple  
- a single male  
- a male-male couple (if one of the intending parents is also the sperm donor, record the DOB for that parent here).  
Otherwise, leave blank.  

**Related metadata:** PARENT_SEX  
**Validation rules:** If PARENT_SEX = female-male couple, a single male or a male-male couple then MDOB_1 ≠ .  
MDOB_1 <Current year  
**Comments:** This data item replaces PDOB.
### Non-patient female intending parent date of birth ▲

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>FDOB_NON_PAT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Collection from 01/01/2020</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>Non-patient female intending parent’s date of birth.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>Captures the female intending parent’s date of birth who is not receiving treatment in the cycle.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Date</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 10 Max. 10</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>DD/MM/YYYY</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>A valid date.</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Conditional</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>FDOB_NON_PAT will be the DOB of the female intending parent who is not the patient in the cycle. Complete this field if this is an embryo transfer for a surrogacy cycle (SURR=y) where the intending parents are female-male couple or single female.</td>
</tr>
</tbody>
</table>

**Note:** In a female-female couple, if one female partner is intending to carry the pregnancy and the other female partner is providing oocytes, this will be recorded as two separate cycles where CYCLE_TYPE=2:

- Cycle 1 Female 1 (patient) provides oocytes: Female 1’s DOB is FDOB and Female 2 DOB is FDOB_NON_PAT
- Cycle 2 Female 2 (patient) intends to carry pregnancy: Female 2’s DOB is FDOB and Female 1’s DOB is FDOB_NON_PAT

<table>
<thead>
<tr>
<th><strong>Related metadata:</strong></th>
<th>PARENT_SEX, FDOB_PAT, SURR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Validation rules:</strong></td>
<td>If PARENT_SEX=female-female couple, then FDOB_NON_PAT must be complete. FDOB_NON_PAT&lt;Current year</td>
</tr>
<tr>
<td><strong>Comments:</strong></td>
<td></td>
</tr>
</tbody>
</table>
Second male intending parent date of birth ▲

ANZARD label: MDOB_2
Admin status: Collection from 01/01/2020
Version: 1
Metadata type: Data element
Definition: The second male intending parent’s date of birth.
Context: Captures the second male intending parent’s date of birth in a male-male couple.
Data type: Date
Field size: Min. 10 Max. 10
Format: DD/MM/YYYY
Data domain: A valid date.
Obligation: Conditional
Guide for use: This field should only be completed if the intending parents are a male-male couple. If one of the intending parents is also the sperm donor, record the DOB for that parent in MDOB_1.
Related metadata: PARENT SEX, MDOB_1
Validation rules: MDOB_2!=. if PARENT SEX=male-male couple
MDOB_2 <Current year
Comments:
Postcode

**ANZARD label:** POSTCODE

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** The female patient’s residential postcode (applicable to Australia only) or country of residence.

**Context:** To distinguish female patients' geographic location within Australia and New Zealand.

**Data type:** Text

**Field size:** Min. 2 Max. 50

**Format:** C

**Data domain:** N/A

**Obligation:** Conditional

**Guide for use:**
- If the patient resides in Australia, record their residential postcode.
- If the patient resides in New Zealand, record “NZ”
- If the patient resides in neither Australia nor New Zealand, record the name of their usual country of residence.
- For lab-only cycles where PARENT_SEX is a female-male couple, single female or female-female couple, record the postcode of the female intending parent.

**Related metadata:** PAT_ID

**Validation rules:** POSTCODE!= ""

**Comments:**
## CYCLE DETAILS

### Cycle ID

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>CYCLE_ID</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Collection from 01/01/2006</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>The cycle identification number, allocated by the ART Unit.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>Uniquely identifies each cycle (record).</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Character</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 1 Max. 20</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>C</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>The cycle ID must be unique.</td>
</tr>
<tr>
<td><strong>Related metadata:</strong></td>
<td>CYC_DATE</td>
</tr>
<tr>
<td><strong>Validation rules:</strong></td>
<td>CYCLE_ID!=&quot;&quot;</td>
</tr>
<tr>
<td><strong>Comments:</strong></td>
<td></td>
</tr>
</tbody>
</table>
Cycle date \( \Delta \)

**ANZARD label:** CYC_DATE

**Admin status:** Collection from 01/01/2020

**Version:** 3

**Metadata type:** Data element

**Definition:** Indicates the date when a cycle started.

**Context:** Determining durations from the start of the cycle.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Mandatory

**Guide for use:** Record the date that the treatment cycle or lab-only cycle began using the following rules:

1. The first date where FSH/stimulation drug was administered  
   or  
2. The date of Last Menstrual Period (LMP) for unstimulated cycles (including natural fresh cycles, thaw cycles and donor insemination)  
   or  
3. The date of oocyte/embryo thawing for lab-only cycles

**Related metadata:** CYCLE_ID

**Validation rules:** CYC_DATE!=""

**Comments:** This supersedes version 2.0 of the CYC_DATE data item
Cycle type ▲

**ANZARD label:** CYCLE_TYPE

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** The type of cycle that took place – treatment cycle or laboratory-only cycle.

**Context:** Considers the origin of the oocytes (autologous, non-autologous) and their intended use (donation, recipient, surrogacy), or whether the cycle took place for lab procedure purposes only.

**Data type:** Number

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**

1 = **Autologous: Female-male couple, single female, female-female couple**

Oocytes involved in this cycle were intended to be or were, provided by a female intending parent for use in the same female.

2 = **Non-autologous: Female-female couple**

Oocytes involved in this cycle were intended to be or were, provided by a female intending parent for use by the other female intending parent.

3 = **Non-autologous: Oocyte/embryo donation**

Oocytes involved in this cycle were intended to be or were, collected from an oocyte donor who is not an intending parent, for the purpose of donation.

4 = **Non-autologous: Oocyte recipient**

Oocytes involved in this cycle were provided by an oocyte donor (outside of the intending parents) and intend to be transferred as embryos in this cycle.

5 = **Non-autologous: Embryo recipient**

Embryo/s involved in this cycle have been donated from someone other than the intending parents and intend to be transferred in this cycle and are not part of a surrogacy arrangement.

6 = **Surrogacy – intending parent(s): Oocyte/embryo provision**

Oocytes/embryos involved in this cycle were provided by a female intending parent for use in a gestational carrier.

7 = **Surrogacy – gestational carrier: Transfer (or thawing with the intention of transfer) of embryos to a gestational carrier**

Embryo/s involved in this cycle have been provided by someone other than the gestational carrier (surrogate).

8 = **Laboratory-only cycle**

Oocytes/embryos involved in this cycle underwent a laboratory procedure only (e.g. thaw, fertilisation or PGT with no intention of transfer in the same cycle). The cycle did not involve a female patient.
**ANZARD label:** CYCLE_TYPE

**Obligation:** Mandatory

**Guide for use:**
- **For female-female couples,** the cycle type may be autologous (CYCLE_TYPE 1) or non-autologous (CYCLE_TYPE 2). The difference is that a non-autologous treatment cycle undertaken by a female-female couple indicates that the oocytes used in treatment were provided by one female intending parent for use by the other female intending parent (recorded as a separate cycle).
- **CYCLE_TYPE 1** includes IUI cycles using donor sperm
- **CYCLE_TYPE 4** includes oocyte recipient cycles with the intention of transferring an embryo in the same cycle. This includes frozen embryo transfer (FET) cycles involving embryos created using donor oocytes. Cycles involving the receipt and immediate storage of donor oocytes do not need to be reported to ANZARD.
- **CYCLE_TYPE 5** includes embryo recipient cycles that are not part of a surrogacy arrangement, where embryos are received with the intention to transfer an embryo in the same cycle. Cycles involving the recipient and immediate storage of donor embryos do not need to be reported to ANZARD.
- **CYCLE_TYPE 6** should only be selected for cycles where a female intending parent provides oocytes or embryos for use in a gestational carrier. Commissioning cycles by intending parents where no treatment takes place do not need to be reported to ANZARD.
- **CYCLE_TYPE 7** should only be selected for cycles where embryo transfer to a gestational carrier (surrogate) occurs.
- **CYCLE_TYPE 8** includes but is not limited to cycles where:
  i) embryos were thawed solely for the purpose of PGT, with no intention of an embryo transfer in the same cycle.
  ii) oocytes were thawed or received from a donor (record age in DON_AGE) and attempted fertilisation was carried out with the intention of freezing any resulting embryos.
Where CYCLE_TYPE 8 involves the thawing of donor oocyte/embryos, record the donor’s age in DON_AGE.

**Related metadata:** DON_AGE, PARENT_SEX, SURR
**ANZARD label:** CYCLE_TYPE  

**Validation rules:**

If CYCLE_TYPE = Autologous: Female-male couple, single female, female-female couple **then** PARENT_SEX = ‘female-male couple’, ‘single female’, ‘female-female couple’ or ‘unknown – only for use in oocyte donation cycles to unknown intending parents.’

If CYCLE_TYPE = Non-autologous: Female-female couple, then PARENT_SEX = female-female couple

If CYCLE_TYPE = Non-autologous: Oocyte/embryo donation then DON_AGE!=".

If CYCLE_TYPE = Non-autologous: Oocyte recipient, then DON_AGE!=".

If CYCLE_TYPE = Non-autologous: Embryo recipient, then DON_AGE!=" and one of (N_EMBREC_FRESH, N_S_CLTH, N_V_CLTH, N_S_BLTH, N_V_BLTH>0)

If CYCLE_TYPE = Surrogacy – intending parent(s): Oocyte/embryo provision, then SURR = y and DON_AGE!=".

If CYCLE_TYPE = Surrogacy – gestational carrier: Transfer (or thawing with the intention of transfer) of embryos to a gestational carrier, then SURR = y and DON_AGE!=".

If CYCLE_TYPE = lab-only then OPU_DATE = ""

**Comments:** Subsumes THAW_DON from ANZARD 2.0.
Surrogacy arrangements

**ANZARD label:** Surr

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Surrogacy arrangement.

**Context:** This data item captures whether the cycle was a planned part of a surrogacy arrangement.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes

**Obligation:** Conditional

**Guide for use:** This field should be completed for all cycles involved in a planned surrogacy arrangement.

- This field should only be “y” if a procedure has been performed on a patient (intending parents, donor oocytes, gestational carrier). That is, do not record commissioning cycles where no medical procedure took place.
- For lab-only cycles that are clearly part of a surrogacy arrangement, SURR must be “y.” For example, a lab-only cycle involving a male-male couple using donor oocytes to fertilise and freeze-all resulting embryos, SURR=y.

**Related metadata:** CYCLE_TYPE

**Validation rules:**
- If CYCLE_TYPE=Surrogacy – intending parents, then SURR=y
- If CYCLE_TYPE=Surrogacy – gestational carrier, then SURR=y

**Comments:**
Fertility preservation ▲

**ANZARD label:** FERT_PRES

**Admin status:** Collection from 01/01/2021

**Version:** 2

**Metadata type:** Data element

**Definition:** Fertility preservation.

**Context:** To determine whether the treatment cycle took place for fertility preservation purposes.

**Data type:** Number

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:** 1 = No

2 = Yes

**Obligation:** Conditional

**Guide for use:** A cycle is considered to take place for fertility preservation purposes for medical and non-medical reasons (see FP_TYPE data item):

- Record FERT_PRES=y if there is a medical reason (e.g. cancer diagnosis, pre-mature ovarian failure), regardless of when the patient plans to/or returns to use her oocytes/embryos.

- Record FERT_PRES=y if there is a non-medical reason and the female patient does not intend to use her oocytes or resulting embryos within the next 12 months.

- Record FERT_PRES=n if there is a non-medical reason and the female patient does intend to use her oocytes or resulting embryos within the next 12 months.

This field should be completed for the initial cycle being undertaken for fertility preservation purposes AND any subsequent cycles using thawed oocytes collected or embryos created in the initial preservation cycle.

Male fertility preservation is not recorded in ANZARD.

**Related metadata:** FP_TYPE, CYCLE_TYPE

**Validation rules:** If FERT_PRES = 2 (yes) then FP_TYPE!=.

If CYCLE_TYPE!=lab-only then FP_TYPE!=.

**Comments:** Supersedes version 1.0 of the FERT_PRES data item
Reason for fertility preservation ▲

**ANZARD label:** FP_TYPE

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** The reason for female fertility preservation.

**Context:** To determine whether the reason for fertility preservation was medical or non-medical.

**Data type:** Number

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**
- 1 = Medical reason – Cancer diagnosis
- 2 = Medical reason – other
- 3 = Non-medical reason

**Obligation:** Conditional

**Guide for use:**
- Medical reasons include undertaking fertility preservation prior to some other medical treatment (e.g. cancer treatment, or for premature ovarian failure) regardless of when the female patient returns to use oocytes/embryos.
- Non-medical reasons include ‘social freezing’ or ‘elective freezing’ where the intention is to store oocytes or embryos with no intention of using them within the next 12 months.
- This field should be completed for the initial cycle being undertaken for fertility preservation purposes AND any subsequent cycles using thawed oocytes collected or embryos created in the initial preservation cycle.

**Related metadata:** FP_TYPE

**Validation rules:** If FERT_PRES = 2 (yes) then FP_TYPE !=.

**Comments:**
**Date trying to conceive ▲**

**ANZARD label:** DATE_TTC

**Admin status:** Collection from 01/01/2021

**Version:** 2

**Metadata type:** Data element

**Definition:** The month and year that the female intending parent started trying to conceive.

**Context:** To determine the period of infertility experienced by the female intending parent in her first ever FSH stimulated cycle for intended or actual oocyte pick up (OPU).

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** 01/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:**
- The ‘day’ element of the date is fixed and must be recorded as “01” for all entries.
- This field applies to:
  - female-male intending parents only regardless of cause of infertility (PARENT_SEX=1)
  - Autologous cycles only (CYCLE_TYPE=1)
  - First ever stimulated cycles for intended or actual OPU (STIM_1ST=y)

i.e. should only be completed where PARENT_SEX=1 and CYCLE_TYPE=1 and ART_REASON=n and STIM_1ST=y

- For female-male couples doing ART not to treat clinical infertility (e.g. for PGT only), this data item is not applicable and must be left blank.
- For female-male couples where the male intending parent has had a vasectomy, the DATE_TTC is the date they first engaged ART services.
- If the month is unknown (only the year is known), then record DATE_TTC=01/01/YYYY (i.e. default month January)
- If the month and year are both unknown, then record DATE_TTC=01/01/1900
- Include any occurrence of miscarriage as contributing to the period of infertility. When calculating the date, include periods of previous non-ART treatment.

**Examples**

1. If the female intending parent has been trying to conceive since January 2010 during which time, she had 3 miscarriages, received acupuncture and one attempt at IUI, but had no live births, then the date of first attempt to conceive is recorded as 01/01/2010.
2. If the female intending parent has had previous stimulated cycles at other clinics but is commencing her first stimulated cycle at your clinic, you do not need to record this date because it is not her first ever stimulation.

**Related metadata:** PARENT_SEX, ART_REASON, STIM_1ST, CYCLE_TYPE

**Validation rules:**
- DD must be “01”
- MM must be between 01 and 12
- If PARENT_SEX = female-male couple and CYCLE_TYPE = Autologous and ART_REASON = n and STIM_1ST = y then DATE_TTC != “”
- If PARENT_SEX = female-male couple and ART_REASON = y then DATE_TTC = “”

**Comments:** Supersedes version 1.0 of DATE_TTC data item. This data item was updated for 2021 data collection. For a comprehensive list of changes, see Appendix 1 or the ANZARD 3.0 Summary of Changes.
Pregnancies of 20 weeks or more

**ANZARD label:** PREG_20W

**Admin status:** Collection from 01/01/2009

**Version:** 2

**Metadata type:** Data element

**Definition:** Pregnancies of twenty weeks or more gestation.

**Context:** Determine if the female patient has previously had any pregnancies of 20 weeks or more gestation regardless if by fertility treatment or with a different partner.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes
- u = Unknown

**Obligation:** Conditional

**Guide for use:** Include all known pregnancies of 20 weeks or more regardless of whether they were achieved by fertility treatment or a different partner. Every effort should be made to obtain this information from the female patient; select ‘u = unknown’ only when prior notification has been given to the NPESU that this information will be unavailable.

For lab-only cycles, leave this data item blank.

**Related metadata:** CYCLE_TYPE

**Validation rules:** If CYCLE_TYPE!="lab-only then PREG_20W!=""

**Comments:**
Reason for assisted reproductive technology (ART)

<table>
<thead>
<tr>
<th>ANZARD label:</th>
<th>ART_REASON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin status:</td>
<td>Collection from 01/01/2020</td>
</tr>
<tr>
<td>Version:</td>
<td>1</td>
</tr>
<tr>
<td>Metadata type:</td>
<td>Data element</td>
</tr>
<tr>
<td>Definition:</td>
<td>To determine if the ART treatment is being undertaken for reasons other than to treat clinical infertility.</td>
</tr>
<tr>
<td>Context:</td>
<td>E.g. chromosomal testing, HLA matching and fertility preservation (medical or non-social).</td>
</tr>
<tr>
<td>Data type:</td>
<td>Character</td>
</tr>
<tr>
<td>Field size:</td>
<td>Min. 1 Max. 1</td>
</tr>
<tr>
<td>Format:</td>
<td>C</td>
</tr>
<tr>
<td>Data domain:</td>
<td>n = No, y = Yes</td>
</tr>
<tr>
<td>Obligation:</td>
<td>Conditional</td>
</tr>
<tr>
<td>Guide for use:</td>
<td>This data item applies to heterosexual couples only (PARENT_SEX=female-male). Do not complete this data item for same-sex couples or single people who are having ART to overcome infertility. Answering &quot;y&quot; indicates that ART is being undertaken for reasons other than to treat clinical infertility, including chromosomal testing, HLA matching and fertility preservation (medical or non-social). Therefore, all cause of infertility data items (CI_TUBE, CI_ENDO, CI_OTH, CI_MALE, CI_UNEX) should be 'n.'</td>
</tr>
<tr>
<td>Related metadata:</td>
<td>PARENT_SEX, CYCLE_TYPE, CI_TUBE, CI_ENDO, CI_OTH, CI_MALE, CI_UNEX</td>
</tr>
<tr>
<td>Validation rules:</td>
<td>If PARENT_SEX = female-male couple, then ART_REASON!=&quot;&quot; If PARENT_SEX! = female-male couple, then ART_REASON = &quot;&quot; If ART_REASON=y then CI_TUBE, CI_ENDO, CI_OTH, CI_MALE, CI_UNEX=n If ART_REASON=n then at least one of CI_TUBE, CI_ENDO, CI_OTH, CI_MALE, CI_UNEX=y</td>
</tr>
<tr>
<td>Comments:</td>
<td></td>
</tr>
</tbody>
</table>


Cause of infertility: tubal disease

**ANZARD label:** CI_TUBE

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Cause of infertility due to tubal disease.

**Context:** For female intending parent (where PARENT_SEX=female-male couple) only; captures whether cause of infertility is due to tubal disease.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes
- u = Unknown

**Obligation:** Conditional

**Guide for use:** This data item applies to the female intending parent only (where PARENT_SEX=female-male) and should be completed based on the opinion of the treating clinician or ART Unit.

For lab-only cycles, leave this data item blank.

**Related metadata:** PARENT_SEX, CYCLE_TYPE, ART_REASON

**Validation rules:** If PARENT_SEX = female-male couple and CYCLE_TYPE!= lab-only then CI_TUBE!= “”
If ART_REASON = y, then CI_TUBE = n

**Comments:**

---

ANZARD 3.0 Data Dictionary v5.0 Nov 2020
Cause of infertility: endometriosis

ANZARD label: CI_ENDO
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Cause of infertility due to endometriosis.
Context: For female intending parent only (where PARENT_SEX = female-male couple); captures whether cause of infertility is due to endometriosis.
Data type: Character
Field size: Min. 1 Max. 1
Format: C
Data domain: n = No
y = Yes
u = Unknown
Obligation: Conditional
Guide for use: This data item applies to the female intending parent only (where PARENT_SEX=female-male couple) and should be completed based on the opinion of the treating clinician or ART Unit.
For lab-only cycles, leave this data item blank.
Related metadata: PARENT_SEX, CYCLE_TYPE, ART_REASON
Validation rules: If PARENT_SEX =female-male couple and CYCLE_TYPE!= lab-only then CI_ENDO!= “”
If ART_REASON = y, then CI_ENDO = n
Comments:
Cause of infertility: other female factors

ANZARD label: CI_OTH
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Cause of infertility due to other female factors.
Context: For female intending parent (where PARENT_SEX = female-male couple); captures whether cause of infertility is due to other female factors apart from endometriosis and tubal disease. Infertility due to other female factors may include fibroids, ovulation disorders, premature ovarian failure, etc.

Data type: Character
Field size: Min. 1 Max. 1
Format: C
Data domain: n = No
y = Yes
u = Unknown
Obligation: Conditional
Guide for use: This data item applies to the female intending parent only (where PARENT SEX=female-male couple) and should be completed based on the opinion of the treating clinician or ART Unit. For lab-only cycles, leave this data item blank.

In cases where a female patient has a normal antral follicle count (AFC) and normal anti Mullerian hormone (AMH) for her age but is considered to be of advanced maternal age (i.e. older than 37 years), then cause of infertility due to other female factors should be reported as ‘yes’ (i.e. CI_OTH=y). That is, the female patient is considered to have infertility due to advanced maternal age.

Related metadata: CI_ENDO, CI_TUBE, PARENT_SEX, CYCLE_TYPE, ART_REASON
Validation rules: If PARENT_SEX = female-male couple and CYCLE_TYPE!=lab-only then CI_OTH!= “”
If ART_REASON = y, then CI_OTH = n

Comments:
Presence of polycystic ovarian syndrome (PCOS) ▲

**ANZARD label:** PCOS

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** Whether the female intending parent (where PARENT_SEX is female-male couple) has polycystic ovarian syndrome (PCOS), regardless of whether it is contributing to infertility or not.

**Context:** In the opinion of the treating clinician or ART Unit, whether the female intending parent has PCOS.

**Data type:** Number

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**
1 = No
2 = Yes
3 = Unknown

**Obligation:** Conditional

**Guide for use:** This data item applies to the female intending parent only (where PARENT_SEX=female-male couple).

Recording ‘1’ (No) = the treating clinician or ART Unit does not consider that the female intending parent has PCOS.

Recording ‘2’ (Yes) = the treating clinician considers that the female intending parent has PCOS regardless of whether it is contributing to infertility.

Recording ‘3’ (Unknown) = the treating clinician or ART Unit has not assessed the female intending parent for PCOS.

For lab-only cycles, leave this data item blank.

**Related metadata:** PARENT_SEX, CI_ENDO, CI_TUBE, CI_OTH, CYCLE_TYPE

**Validation rules:** If PARENT_SEX =female-male couple and CYCLE_TYPE!=lab-only then PCOS>0 and PCOS<4

**Comments:** PCOS was previously recorded in the data item CI_OTH in ANZARD 2.0.
Cause of infertility: male factor(s)

**ANZARD label:** CI_MALE

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Cause of infertility due to male factors.

**Context:** For male intending parents only (where PARENT_SEX = female-male couple); captures whether cause of infertility is due to male factors.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:** n = No

y = Yes

u = Unknown

**Obligation:** Conditional

**Guide for use:** This data item applies to the male intending parent only (where PARENT_SEX = female-male couple) and should be completed based on the opinion of the treating clinician or ART Unit, whether infertility is due to male factors.

For lab-only cycles, leave this data item blank.

**Related metadata:** MALE_DIAG, PARENT_SEX, CYCLE_TYPE, ART_REASON

**Validation rules:** If PARENT_SEX = female-male and CYCLE_TYPE!=lab-only then CI_MALE!="

If ART_REASON = y, then CI_MALE = n

**Comments:**
Male factor infertility diagnosis ▲

**ANZARD label:** MALE_DIAG

**Admin status:** Collection from 01/01/2021

**Version:** 2

**Metadata type:** Data element

**Definition:** Primary cause of male factor infertility diagnosis.

**Context:** In the opinion of the treating clinician or ART Unit, the principal cause of male factor infertility. To be completed if male factor infertility is present.

**Data type:** Number

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:**

<table>
<thead>
<tr>
<th>SPERMATOGENIC FAILURE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = Idiopathic (unexplained) incl. past/present cryptorchidism</td>
</tr>
<tr>
<td>2 = Genetic – Klinefelter</td>
</tr>
<tr>
<td>3 = Genetic – Y deletion</td>
</tr>
<tr>
<td>4 = Genetic – other aneuploidies, single gene.</td>
</tr>
<tr>
<td>5 = Testis damage - cancer treatment</td>
</tr>
<tr>
<td>6 = Testis damage - other (incl. vascular, infective, trauma)</td>
</tr>
<tr>
<td>7 = Gonadotrophin deficiency</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OBSTRUCTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 = Vasectomy</td>
</tr>
<tr>
<td>9 = Congenital absence of the vas deferens/cystic fibrosis</td>
</tr>
<tr>
<td>10 = Obstructive disorder (other)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ERECTILE &amp; EJACULATORY:</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 = Erectile dysfunction (incl. psychosexual)</td>
</tr>
<tr>
<td>12 = Ejaculatory disorders (incl. spinal injury, retrograde and anejaculation)</td>
</tr>
</tbody>
</table>

**Obligation:** Conditional

**Guide for use:** This data item applies to the male intending parent only (where PARENT_SEX is female-male couple) in autologous, donation/provision and recipient cycles where CI_MALE=y.

Idiopathic (unexplained) diagnosis includes with or without past/present cryptorchidism

**Related metadata:** PARENT_SEX, CI_MALE, SP_SOURCE, SP_SITE

**Validation rules:** If (CI_MALE = y and PARENT_SEX = female-male couple and CYCLE_TYPE=1, 3, 4, 5, 6 or 7) then MALE_DIAG>0 and MALE_DIAG<13
ANZARD label: MALE_DIAG

Comments: This data item was updated for 2021 data collection. The major change was the removal of past/present cryptorchidism from #6 to #1. Please refer to Appendix 1 for details.
This data item may be updated for 2022 data collection.

Cause of infertility: unexplained

ANZARD label: CI_UNEX
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Cause of infertility is unexplained in the intending parents.
Context: In the opinion of the treating clinician, the cause of infertility is unexplained in the intending parents.

Data type: Character
Field size: Min. 1 Max. 1
Format: C
Data domain: n = No
y = Yes
Obligation: Conditional
Guide for use: This data item should only be completed where PARENT_SEX = female-male couple and should be done so based on the opinion of the treating clinician or ART Unit.
For lab-only cycles, leave this data item blank.
In cases where a female patient has no other causes of infertility, a normal antral follicle count (AFC) and normal anti Mullerian hormone (AMH) for her age and is not considered to be of advanced maternal age (i.e. 37 years or younger), then “Cause of Infertility unexplained” should be reported as ‘yes’ (i.e. CI_UNEX=y)

Related metadata: CI_TUBE, CI_ENDO, CI_OTH, CI_MALE, PARENT_SEX, ART_REASON

Validation rules: If PARENT_SEX=female-male couple and CYCLE_TYPE!=lab-only then CI_UNEX!= “”
If CI_TUBE = y or CI_ENDO = y or CI_OTH = y or CI_MALE = y, then CI_UNEX = n
If ART_REASON = y, then CI_UNEX = n

Comments:
**Ovarian stimulation**

**ANZARD label:** OV_STIM

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Ovarian stimulation via follicle stimulating hormone (FSH).

**Context:** To indicate whether this is an FSH stimulated cycle or not, with the intention of OPU.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**

n = No

y = Yes

**Obligation:** Conditional

**Guide for use:** Do not answer ‘y’ if clomiphene or hCG alone was given unless FSH was also administered.

OV_STIM should be completed only for fresh cycles with the intention of OPU

**Related metadata:** CYCLE_TYPE, STIM_1ST

**Validation rules:**

- If CYCLE_TYPE = Autologous: female-male couple, single female, female-female couple then OV_STIM!= ""
- If CYCLE_TYPE = Non-autologous: female-female couple, then OV_STIM!= ""
- If CYCLE_TYPE = Non-autologous: oocyte/embryo donation, then OV_STIM!= ""
- If CYCLE_TYPE = Surrogacy – intending parents: oocyte/embryo provision, then OV_STIM!= ""
- If STIM_1ST=y then OV_STIM=y

**Comments:**
First ever FSH stimulated cycle

**ANZARD label:** STIM_1ST

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** First ever FSH stimulated cycle for intended or actual oocyte pick up (OPU).

**Context:** To determine if this is the female patient’s first ever FSH stim cycle for OPU.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:** n = No

y = Yes

u = Unknown

**Obligation:** Conditional

**Guide for use:** Determine whether this is the female patient’s first ever FSH stimulated cycle with the intention of OPU (consider all treatments the female patient has had at other ART Units or in other countries).

Complete this data item for all OPU cycles and cancelled cycles (with the intention of OPU) where ovarian stimulation via FSH took place.

Do not consider any previous FSH stimulated artificial insemination cycles.

**Related metadata:** OV_STIM, CYCLE_TYPE, CAN_DATE, OPU_DATE

**Validation rules:**

If OV_STIM = y and OPU_DATE!= “” then STIM_1ST!= “”

If OV_STIM = y and CAN_DATE!= “” then STIM_1ST!= “”

If OV_STIM = y and IUI_DATE!= “” then STIM_1ST= “”

**Comments:**
Date of cycle cancellation before oocyte pickup (OPU)

**ANZARD label:** CAN_DATE

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** The date the cycle was cancelled before OPU.

**Context:** To determine if a cycle was cancelled before OPU.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** If the cycle was cancelled before OPU, enter the last date that FSH was administered. Otherwise, leave the field blank.

Applicable for stimulated cycles started with the intention of OPU (i.e. if CAN_DATE is complete then FSH stimulation must have occurred (OV_STIM=y)

**Related metadata:** OPU_DATE

**Validation rules:**

- If CAN_DATE! = “”, then OV_STIM=y
- If (OPU_DATE = “” and OV_STIM = y) then CAN_DATE!= “”

**Comments:**
Oocyte pickup (OPU) date

**ANZARD label:** OPU_DATE

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** The date when oocyte pickup (OPU) occurred.

**Context:** To determine when OPU occurred.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** Record the date when oocyte pickup occurred in the current cycle.

**Related metadata:** CAN_DATE, OV_STIM, CYCLE_TYPE

**Validation rules:** If (CAN_DATE = "" and OV_STIM = y) then (OPU_DATE!= "" or CAN_DATE!= "")
(OPU_DATE–CYC_DATE)<=35 days

**Comments:**
Number of eggs retrieved at oocyte pickup (OPU)

**ANZARD label:** N_EGGS

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** The number of oocytes retrieved at OPU.

**Context:** To determine the number of oocytes retrieved at OPU.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-50

**Obligation:** Mandatory

**Guide for use:** If no oocytes were retrieved in the cycle, then record “0” (zero) for this field. Do not leave this field blank.

**Related metadata:** OPU_DATE

**Validation rules:**
- If OPU_DATE!="" then N_EGGS>0
- If CAN_DATE!="" then N_EGGS = 0

**Comments:**
In vitro maturation (IVM) ▲

**ANZARD label:** IVM

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** In-vitro maturation.

**Context:** To determine whether IVM took place during the treatment cycle.

**Data type:** Number

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**
- 1 = No
- 2 = Yes

**Obligation:** Conditional

**Guide for use:** A cycle is considered an IVM cycle if the female patient was prepared specifically for an IVM cycle or if an alternate treatment cycle was converted prior to OPU into an IVM treatment cycle, and the immature oocytes were then matured in vitro.

**Note:** IVM pertains only to those cycles conducted with the intent of obtaining immature oocytes, not those cycles intended to obtain mature oocytes from which immature oocytes were also obtained.

**Related metadata:** CYCLE_TYPE, OPU_DATE, CAN_DATE

**Validation rules:**
- If OPU_DATE!="" and CAN_DATE= "" then IVM!=.
- If OPU_DATE= "" and CAN_DATE!= "" then IVM!=.

**Comments:**
Source of sperm ▲

**ANZARD label:** SP_SOURCE  
**Admin status:** Collection from 01/01/2020  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Source of sperm in cycles where fertilisation is attempted, or an embryo is thawed.  
**Context:** Captures whether sperm was provided in the cycle and if so, whether the sperm provider was an intending parent or sperm donor.  
**Data type:** Number  
**Field size:** Min. 1 Max. 1  
**Format:** N  
**Data domain:** 1 = A male intending parent  
2 = A sperm donor outside of the intending parents  
**Obligation:** Conditional  
**Guide for use:**  
- Determine whether sperm was used in the cycle and if so, the sperm provider.  
- Record the source of sperm if fertilisation was attempted or if an embryo was thawed.  
- In the case where multiple embryos with different sperm sources are being thawed for PGT and re-freeze, please record all the different sperm sources using the COMMENT data item and notify the NPESU via email at anzard@unsw.edu.au  
**Related metadata:** N_IVF, N_ICSI, N_S_BLTH, N_S_CLTH, N_V_CLTH, N_V_BLTH, N_EMBDON_FRESH, N_EMBREC_FRESH  
**Validation rules:** If N_IVF, N_ICSI, N_S_BLTH, N_S_CLTH, N_V_CLTH, N_V_BLTH, N_EMBREC_FRESH or N_EMBDON_FRESH >0 then SP_SOURCE!=.  
If SP_SOURCE = a male intending parent, then MDOB_1!= “”  
**Comments:** This item replaces SP_PERSN in the ANZARD 2.0 database.
Site of sperm used

**ANZARD label:** SP_SITE

**Admin status:** Collection from 01/01/2009

**Version:** 2

**Metadata type:** Data element

**Definition:** Site of sperm used.

**Context:** Indicates the anatomical site of the sperm.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- e = Ejaculate
- t = Testicular
- p = Epidydimal
- o = Other
- u = Unknown

**Obligation:** Conditional

**Guide for use:** Determine the site from which the sperm was extracted. If the site is not listed, record ‘o.’ If the site of sperm extraction is unknown, record ‘u.’

In the case where multiple embryos with different sites of sperm are being thawed for PGT and re-freeze, please record all the different sites of sperm using the COMMENT data item and notify the NPESU via email at anzard@unsw.edu.au

**Related metadata:** SP_SOURCE

**Validation rules:** If SP_SOURCE!=. then SP_SITE!=.

**Comments:**
Semen quality ▲

**ANZARD label:** SP_QUAL  
**Admin status:** Collection from 01/01/2020  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Semen quality.  
**Context:** The concentration of sperm in either ejaculated sample (before being processed for the ART cycle) used for fertilisation or the most recent NATA analysis, measured in millions per millilitre (x10⁶/ml).

**Data type:** Number  
**Field size:** Min. 1 Max. 4  
**Format:** N  
**Data domain:** A valid number between 0.0 – 400.0  
888 = No semen available  
999 = Not tested  

**Obligation:** Conditional  

**Guide for use:**  
**Example:** A value of 250.5 indicates 250.5x10⁶ sperm per millilitre ejaculate.

- Please record the sperm concentration in the raw semen sample provided (i.e. before being processed for the ART cycle). The most recent National Association of Testing Authorities (NATA) sperm analysis is acceptable.
- This field must be completed for all fresh cycles where fertilisation is attempted and site of sperm used is ejaculate, regardless of male infertility diagnosis. This field should not be completed for embryo thaw cycles, embryo donation and recipient cycles or cycles involving donated sperm (where SP_SOURCE = 2).
- Please complete this field for embryo provision cycles (i.e. CYCLE_TYPE=6) where SP_SOURCE=1 and SP_SITE=e.

**Related metadata:** SP_SOURCE, SP_SITE, N_IVF, N_ICSI  

**Validation rules:**  
If SP_SITE=e and SP_SOURCE=1 then SP_QUAL=1.  
If SP_SOURCE = a sperm donor outside of the intending parents, then SP_QUAL = .

**Comments:**
DONATION/PROVISION AND RECIPIENT DETAILS

Donor age Δ

ANZARD label: DON_AGE
Admin status: Collection from 01/01/2020
Version: 2
Metadata type: Data element
Definition: Age (in years) of the oocyte or embryo donor/provider (female only).
Context: To determine the age of the female patient donating/providing the oocyte(s) or embryo(s) to another patient.

Data type: Numeric
Field size: Min. 1 Max. 2
Format: N
Data domain: 18 – 55
99 = Unknown
Obligation: Conditional
Guide for use:
- In the case of oocyte or embryo donation/provision, enter the female provider’s age at the time their applicable OPU occurred.
- If the female donor/provider’s age is not known, record “99 = unknown.”
- This field must be completed in all oocyte donation/provision, oocyte recipient, embryo donation/provision, embryo recipient and gestational carrier cycles.
- For oocyte recipient cycles where oocytes thawed were originally collected at more than one OPU procedure, record the donor’s age at the time of their earliest OPU procedure.

Related metadata: CYCLE_TYPE, N_EGGDON_FRESH, N_EGGREC_FRESH, N_EMBDON_FRESH, N_EMBREC_FRESH

Validation rules:
If CYCLE_TYPE = Non-autologous: oocyte/embryo donation then DON_AGE!=".
If CYCLE_TYPE = Non-autologous: oocyte recipient, then DON_AGE!=".
If CYCLE_TYPE = Embryo recipient, then DON_AGE!=".
If CYCLE_TYPE = Surrogacy – intending parent(s), then DON_AGE!=".
If CYCLE_TYPE = Surrogacy – gestational carrier, then DON_AGE!=".
If N_EGGDON_FRESH>0 then DON_AGE!=".
If N_EGGREC_FRESH>0 then DON_AGE!=".
If N_EMBDON_FRESH>0 then DON_AGE!=".
If N_EMBREC_FRESH>0 then DON_AGE!=".

Comments:
**Number of fresh oocytes donated/provided Δ**

**ANZARD label:** N_EGGDON_FRESH  
**Admin status:** Collection from 01/01/2020  
**Version:** 2  
**Metadata type:** Data element  
**Definition:** Number of fresh oocytes donated/provided  
**Context:** The number of fresh oocytes provided/donated to another patient for immediate or later use.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-50  
**Obligation:** Mandatory  
**Guide for use:** If no fresh oocytes were provided/donated, then record “0” (zero). **This field must not be left blank.** To record the donation/provision of cryopreserved oocytes, use one of N_EGFZ_S or N_EGFZ_V data items instead. Examples of treatment cycles where this field must have a value greater than zero include:  
a) oocyte donation cycles (CYCLE_TYPE=3)  
b) oocyte provision cycles (CYCLE_TYPE=6)  
c) non-Autologous: Female-female couples undergoing cycles where one female intending parent *provides* the oocytes with the intention that the other female intending parent undergoes the embryo transfer (CYCLE_TYPE=2)  
**Related metadata:** CYCLE_TYPE, DON_AGE  
**Validation rules:** If CYCLE_TYPE = Non-autologous: female-female couple, then
N_EGGDON_FRESH>0 or N_EGFZ_S>0 or N_EGFZ_V>0  
If CYCLE_TYPE = Non-autologous: oocyte donation then
N_EGGDON_FRESH>0 or N_EGFZ_S>0 or N_EGFZ_V>0  
If CYCLE_TYPE = Surrogacy – intending parents: oocyte provision, then
N_EGGDON_FRESH>0 or N_EGFZ_S>0 or N_EGFZ_V>0  
N_EGGDON_FRESH >=0  
**Comments:** Supersedes version 1 of the data item (N_DONATE).
Number of fresh oocytes received Δ

**ANZARD label:** N_EGGREC_FRESH

**Admin status:** Collection from 01/01/2020

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of fresh oocytes received

**Context:** Receiving oocytes from another patient.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-50

**Obligation:** Mandatory

**Guide for use:**

This data item applies to the receipt of fresh oocytes only – not cryopreserved (frozen) oocytes. If a patient is receiving cryopreserved oocytes, use N_S_EGTH or N_V_EGTH data items to record the number of thawed/warmed oocytes received.

If no oocytes were received, then record “0” (zero). **This field must not be left blank.**

Examples of treatment cycles where this field must have a value greater than zero include:

a) oocyte recipient cycles (CYCLE_TYPE=4)

b) non-autologous: Female-female couples undergoing cycles where one female intending parent provides fresh oocytes to the other female intending parent with the intention of fertilisation and embryo transfer (CYCLE_TYPE=2)

**Related metadata:** CYCLE_TYPE, DON_AGE

**Validation rules:**

If CYCLE_TYPE = Non-autologous: female-female couple, then

N_EGGREC_FRESH>0 or N_S_EGTH>0 or N_V_EGTH>0

If CYCLE_TYPE = Non-autologous: oocyte recipient, then

N_EGGREC_FRESH>0 or N_S_EGTH>0 or N_V_EGTH>0

N_EGGREC_FRESH>=0

**Comments:** Supersedes version 1 of the data item (N_RECVD).
Number of fresh embryos provided/donated Δ

**ANZARD label:** N_EMBDON_FRESH  
**Admin status:** Collection from 01/01/2020  
**Version:** 3  
**Metadata type:** Data element  
**Definition:** Number of fresh embryos provided/donated to another patient.  
**Context:** Embryos provided by one patient to another patient whether known or unknown to each other.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0 – 30  
**Obligation:** Mandatory  

**Guide for use:** This data item should be completed in the cycle of the individual who provided/donated fresh embryos. To record the number of cryopreserved embryos provided/donated, use one of N_CLFZ_S, N_CLFZ_V, N_BLFZ_S, N_BLFZ_V data items. If embryos are donated/provided to another patient, please remember to record the female provider’s age in the DON_AGE field.

Examples of cycles where this field should be completed include:

a) Embryo donation cycles (CYCLE_TYPE=3)  
b) Surrogacy – intending parent(s): Embryo provision (CYCLE_TYPE=6) where the intending parents provide a fresh embryo to a gestational carrier.

If no embryos are provided to another patient, enter “0” (zero). **This data item must not be blank.**

**Related metadata:** N_EMBREC_FRESH, N_EGGDON_FRESH, DON_AGE, CYCLE_TYPE

**Validation rules:** N_EMBDON_FRESH>=0  
If N_EMBDON_FRESH>0 then CYCLE_TYPE= Non-autologous: oocyte/embryo donation or CYCLE_TYPE= Surrogacy – intending parent(s): Oocyte/embryo provision or CYCLE_TYPE=lab-only  

**Comments:** Supersedes version 2 of the data item (N_EMBDON).
Number of fresh embryos received Δ

**ANZARD label:** N_EMBREC_FRESH  
**Admin status:** Collection from 01/01/2020  
**Version:** 3  
**Metadata type:** Data element  
**Definition:** Number of fresh embryos received from another patient.  
**Context:** Embryos received by one patient from another patient whether known or unknown to each other.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0 – 20  
**Obligation:** Mandatory  
**Guide for use:** This data item should be completed in the cycle for the female patient who received the fresh embryos.  
If cryopreserved (frozen) embryos are received, please use N_S_CLTH, N_S_BLTH, N_V_CLTH, N_V_BLTH data items instead to record the number of embryos received.  
If embryos are received from another patient, please remember to record the embryo provider’s age in the DON_AGE field.  
Examples of cycles where this field should be completed include:  
   a) embryo recipient cycles (CYCLE_TYPE=5)  
   b) gestational carrier cycles (where the gestational carrier receives a fresh embryo from the intending parents) (CYCLE_TYPE=7).  
If no embryos are received by the patient in the cycle, enter “0” (zero). **This data item must not be blank.**  
**Related metadata:** N_EMBDON_FRESH, DON_AGE, CYCLE_TYPE, N_EGGREC_FRESH  
**Validation rules:**  
\[
N_{\text{EMBREC}}_{\text{FRESH}} \geq 0
\]  
If CYCLE_TYPE= Embryo recipient, then \(N_{\text{EMBREC}}_{\text{FRESH}} \geq 0\) or one of \(N_{\text{S}}_{\text{CLTH}}, N_{\text{S}}_{\text{BLTH}}, N_{\text{V}}_{\text{CLTH}}, N_{\text{V}}_{\text{BLTH}} > 0\)  
If CYCLE_TYPE = Surrogacy – gestational carrier: Transfer (or thawing with the intention of transfer) of embryos to a gestational carrier, then \(N_{\text{EMBREC}}_{\text{FRESH}} > 0\) or one of \(N_{\text{S}}_{\text{CLTH}}, N_{\text{S}}_{\text{BLTH}}, N_{\text{V}}_{\text{CLTH}}, N_{\text{V}}_{\text{BLTH}} > 0\)  

**Comments:** Supersedes version 2 of the data item (N_EMBREC).
OOCYTE CRYOPRESERVATION DETAILS

Number of oocytes slow frozen

**ANZARD label:** N_EGFZ_S

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of oocytes slow frozen.

**Context:** To determine the method of cryopreservation.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-40

**Obligation:** Mandatory

**Guide for use:**
- If oocytes are cryopreserved in the cycle, determine the number of oocytes frozen by the slow freezing method.
- For oocyte donation/provision cycles, use this data item to record the number of slow frozen oocytes donated/provided. If fresh oocytes are donated/provided, use the N_EGGDON_FRESH data item instead.
- If no oocytes are slow frozen in the cycle, record “0” (zero). This data item must not be blank.

**Related metadata:** N_EGFZ_V

**Validation rules:** N_EGFZ_S>=0

**Comments:**
Number of oocytes vitrified

**ANZARD label:** N_EGFZ_V

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of oocytes vitrified

**Context:** To determine the method of cryopreservation.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-40

**Obligation:** Mandatory

**Guide for use:**
- If oocytes are cryopreserved in the cycle, determine the number of oocytes vitrified.
- For oocyte donation/provision cycles, use this data item to record the number of vitrified oocytes donated/provided. If fresh oocytes are donated/provided, use the N_EGGDON_FRESH data item instead.
- If no oocytes are vitrified in the cycle, record “0” (zero). **This data item must not be blank.**

**Related metadata:** N_EGFZ_S

**Validation rules:** N_EGFZ_V>=0

**Comments:**
Number of slow frozen oocytes thawed

**ANZARD label:** N_S_EGTH

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of slow frozen oocytes thawed.

**Context:** For oocytes that are being thawed but were originally cryopreserved via slow freezing method.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-40

**Obligation:** Mandatory

**Guide for use:**
- Record, if any, the number of oocytes that are being thawed in the cycle, that were originally cryopreserved via slow freezing method.
- For oocyte recipient cycles, use this data item to record the number of received cryopreserved oocytes being thawed in this cycle. If fresh oocytes are received, use the N_EGGREC_FRESH data item instead.
- If there are no oocytes being thawed that were originally slow frozen, record “0” (zero). This data item must not be blank.

**Related metadata:** FDAT_EGG

**Validation rules:** N_S_EGTH>=0

**Comments:**
Number of vitrified oocytes thawed

**ANZARD label:** N_V_EGTH  
**Admin status:** Collection from 01/01/2009  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of vitrified oocytes warmed.  
**Context:** For oocytes that are being warmed but were originally cryopreserved via vitrification.

**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-40  
**Obligation:** Mandatory

**Guide for use:**
- Record, if any, the number of oocytes that are being warmed in the cycle, that were originally cryopreserved via vitrification.  
- For oocyte recipient cycles, use this data item to record the number of received cryopreserved oocytes being warmed in this cycle. If fresh oocytes are received, use the N_EGGREC_FRESH data item instead.  
- If there are no oocytes being warmed that were originally vitrified, record “0” (zero). **This data item must not be blank.**

**Related metadata:** FDAT_EGG  
**Validation rules:** N_V_EGTH>=0  
**Comments:**
Initial freezing date of thawed/warmed oocytes

ANZARD label:  FDAT_EGG
Admin status:  Collection from 01/10/2009
Version:  1
Metadata type:  Data element
Definition:  Initial cryopreservation date of thawed/warmed oocytes
Context:  For oocytes that are being thawed/warmed in the cycle.
Data type:  Date
Field size:  Min. 10 Max. 10
Format:  DD/MM/YYYY
Data domain:  A valid date.
Obligation:  Conditional
Guide for use:  If there is more than one batch of thawed/warmed oocytes being used in the cycle, with different cryopreservation dates, record the earliest cryopreservation date.
Related metadata:  N_S_EGTH, N_V_EGTH
Validation rules:  If (N_S_EGTH>0 or N_V_EGTH>0) then FDAT_EGG!=""
Comments:
FERTILISATION DETAILS

Number of oocytes replaced in a gamete intrafallopian transfer (GIFT)

*ANZARD label:* N_GIFT  
*Admin status:* Collection from 01/01/2006  
*Version:* 1  
*Metadata type:* Data element  
*Definition:* Number of oocytes replaced in a GIFT procedure.  
*Context:* Cycle where oocytes are collected at OPU and then placed with sperm into the fallopian tube for fertilisation in the body.  
*Data type:* Numeric  
*Field size:* Min. 1 Max. 1  
*Format:* N  
*Data domain:* 0-3  
*Obligation:* Mandatory  
*Guide for use:* Record the number of oocytes that are placed in the fallopian tube for GIFT.  
If there is no GIFT procedure performed in the cycle, record “0” (zero). **This data item must not be blank.**  
*Related metadata:* N_IVF, N_ICSI, IUI_DATE  
*Validation rules:* If N_GIFT>0 then (CYCLE_TYPE = Autologous: female-male, single female, female-female or CYCLE_TYPE = Non-autologous: female-female couple) and N_IVF = 0 and N_ICSI =0 and IUI_DATE = “”  
N_GIFT>=0  

*Comments:*
Number of oocytes treated with in-vitro fertilisation (IVF)

**ANZARD label:** N_IVF

**Admin status:** Collection from 01/01/2009

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of oocytes attempted to be fertilised using IVF.

**Context:** Cycles where oocytes are collected at OPU and then placed with sperm outside of the body to achieve fertilisation.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-50

**Obligation:** Mandatory

**Guide for use:** Record, the number of oocytes that are treated with IVF. If there is no IVF performed in the cycle, record “0” (zero). **This data item must not be blank.**

**Related metadata:** N_GIFT, N_ICSI, IUI_DATE

**Validation rules:** If N_IVF>0 then (CYCLE_TYPE = Autologous: female-male, single female, female-female or CYCLE_TYPE = Non-autologous: female-female couple or CYCLE_TYPE = Non-autologous: oocyte recipient or CYCLE_TYPE=Surrogacy – intending parent(s): Oocyte/embryo provision or CYCLE_TYPE=lab-only) and N_GIFT = 0 and IUI_DATE = “” N_IVF>=0

**Comments:**
Number of oocytes treated with intracytoplasmic sperm injection (ICSI)

**ANZARD label:** N_ICSI  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of oocytes treated with ICSI.  
**Context:** Cycles where oocytes are collected at OPU and then a single sperm is injected into the oocyte outside of the body to achieve fertilisation.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-50  
**Obligation:** Mandatory  

**Guide for use:** Record, the number of oocytes that are treated with ICSI. If there is no ICSI performed in the cycle, record “0” (zero). **This data item must not be blank.**  

**Related metadata:** N_GIFT, N_IVF, IUI_DATE  
**Validation rules:** If N_ICSI>0 then (CYCLE_TYPE = Autologous: female-male, single female, female-female or CYCLE_TYPE = Non-autologous: female-female couple or CYCLE_TYPE = Non-autologous: oocyte recipient or CYCLE_TYPE=Surrogacy – intending parent(s): Oocyte/embryo provision or CYCLE_TYPE=lab-only) and N_GIFT = 0 and IUI_DATE = “”  

**Comments:**
Number of oocytes fertilised

**ANZARD label:** N_FERT

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of oocytes fertilised.

**Context:** Number of oocytes fertilised normally, according to the opinion of the treating embryologist.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-40

**Obligation:** Mandatory

**Guide for use:** To be recorded in the opinion of the treating embryologist. For example, in their opinion, although two pronuclei are not seen but cleavage has occurred, normal fertilisation has occurred.

If no fertilisation occurs, record “0” (zero). **This data item must not be blank.**

**Related metadata:** N_ICSI, N_IVF

**Validation rules:**
- If N_ICSI>0 then N_FERT<= N_ICSI
- If N_IVF>0 then N_FERT<= N_IVF
- If N_IVF and N_ICSI>0 then N_FERT<=(N_IVF+N_ICSI)
- N_FERT>=0

**Comments:**
Date of intrauterine insemination (IUI)

**ANZARD label:** IUI_DATE

**Admin status:** Collection from 01/01/2009

**Version:** 2

**Metadata type:** Data element

**Definition:** Date of intrauterine insemination (using donated sperm only) procedure.

**Context:** Donated sperm is injected through the cervix into the uterus, close to the time of ovulation in order to achieve fertilisation. Intra-vaginal insemination using donated sperm is not considered as IUI in this context.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** This data item applies only to treatment cycles where IUI is performed using donated sperm.

Intra-vaginal insemination using donated sperm is not considered in this context and should not be recorded in ANZARD.

**Related metadata:** SP_SOURCE, N_GIFT, N_IVF, N_ICSI

**Validation rules:** If SP_SOURCE = a sperm donor outside of the intending parents AND IUI_DATE!="", then CYCLE_TYPE = Autologous: female-male, single female, female-female couple AND N_IVF = 0 and N_GIFT = 0 and N_ICSI = 0

**Comments:**
**Assisted hatching**

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>ASS_HATC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Collection from 01/01/2006</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>Assisted hatching.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>To identify whether the embryos' zona pellucida were thinned to facilitate embryo hatching.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Character</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 1 Max. 1</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>C</td>
</tr>
</tbody>
</table>
| **Data domain:**  | n = No  
y = Yes |
| **Obligation:**   | Conditional |
| **Guide for use:**| Determine whether assisted hatching in any form was performed on any embryos in this cycle, regardless of whether they were transferred or not. This data items must be recorded for PGT and non-PGT cycles. |

**Related metadata:** CYCLE_TYPE

**Validation rules:** ASS_HATC! = ""

**Comments:**
PRE-IMPLANTATION GENETIC TESTING

Number of embryos biopsied for pre-implantation genetic testing (PGT) ▲

**ANZARD label:** N_PGT_ASSAY

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of embryos biopsied for the purpose of performing any form of invasive PGT in this cycle.

**Context:** To record whether any form of invasive PGT assay has been carried out in this cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-50

**Obligation:** Mandatory

**Guide for use:** Record the number of embryos that underwent any form of invasive PGT (including pre-implantation genetic screening (PGT-A) or pre-implantation genetic diagnosis (PGT-D)) and met any of the following criteria:

1. Embryos fertilised in the cycle and biopsied
2. Embryos thawed in the cycle and biopsied

Include an embryo in N_PGT_ASSAY if a biopsy was performed, even if testing did not follow.

**Related metadata:** N_PGT_TH, N_PGT_ET, PGT_REASON

**Validation rules:** N_PGT_ASSAY>=0

**Comments:** Pre-implantation genetic testing is a test performed to analyse the DNA from embryos (cleavage stage or blastocyst). These include: PGT for aneuploidies (PGT-A); PGT for monogenic/single gene defects (PGT-M); and PGT for chromosomal structural rearrangements (PGT-SR).

Invasive PGT involves embryos being biopsied for the purposes of performing PGT.

Non-invasive PGT involves sampling embryos' culture media for the purposes of performing PGT.
**Number of embryos’ media sampled for non-invasive pre-implantation genetic testing (NI-PGT) ▲**

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>NI_PGT_ASSAY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Collection from 01/01/2020</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>Number of embryos’ culture media sampled for the purpose of performing non-invasive PGT in this cycle.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>To record whether any form of non-invasive PGT (NI-PGT) has been carried out in this cycle; the analysis of cell-free DNA from embryo culture media.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Numeric</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 1 Max. 2</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>N</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>0-50</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>Record the number of embryos’ culture media sampled for non-invasive PGT meeting any of the following criteria:</td>
</tr>
<tr>
<td></td>
<td>1. Embryos fertilised in the cycle and culture media sampled for NI-PGT</td>
</tr>
<tr>
<td></td>
<td>2. Embryos thawed in the cycle and culture media sampled for NI-PGT</td>
</tr>
<tr>
<td><strong>Related metadata:</strong></td>
<td>NI_PGT_TH, NI_PGT_ET, PGT_REASON</td>
</tr>
<tr>
<td><strong>Validation rules:</strong></td>
<td>NI_PGT_ASSAY&gt;=0</td>
</tr>
<tr>
<td><strong>Comments:</strong></td>
<td>Pre-implantation genetic testing is a test performed to analyse the DNA from embryos (cleavage stage or blastocyst). These include: PGT for aneuploidies (PGT-A); PGT for monogenic/single gene defects (PGT-M); and PGT for chromosomal structural rearrangements (PGT-SR). Invasive PGT involves embryos being biopsied for the purposes of performing PGT. Non-invasive PGT involves sampling embryos’ culture media for the purposes of performing PGT.</td>
</tr>
</tbody>
</table>
Number of pre-implantation genetic tested (PGT) embryos transferred ▲

**ANZARD label:** N_PGT_ET  
**Admin status:** Collection from 01/01/2020  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of invasive PGT embryos transferred in this cycle.  
**Context:** To record whether any embryo transferred in this cycle, underwent any form of invasive pre-implantation genetic testing.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-3  
**Obligation:** Mandatory  
**Guide for use:** Determine whether any form of invasive PGT was done on any embryo transferred in the cycle. This field must be completed for all fresh and frozen cycles.  
**Related metadata:** N_PGT_ASSAY, PGT_REASON, N_PGT_TH  
**Validation rules:** N_PGT_ET>=0  
**Comments:**
Number of non-invasive pre-implantation genetic tested (NI-PGT) embryos transferred ▲

**ANZARD label:** NI_PGT_ET

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of NI-PGT embryos transferred in this cycle.

**Context:** To record whether any embryo transferred in this cycle, underwent any form of non-invasive pre-implantation genetic testing.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-3

**Obligation:** Mandatory

**Guide for use:** Determine whether any form of NI-PGT was performed on any embryo transferred in the cycle.

This field must be completed for all fresh and frozen cycles.

**Related metadata:** NI_PGT_ASSAY, PGT_REASON, NI_PGT_TH

**Validation rules:**

NI_PGT_ET>=0

If NI_PGT_ET>0 then NI_PGT_ASSAY>0 or NI_PGT_TH>0

**Comments:**
Number of pre-implantation genetic tested (PGT) embryos thawed ▲

**ANZARD label:** N_PGT_TH

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of embryos thawed that had invasive PGT performed in a previous cycle.

**Context:** To record whether any embryo thawed with the intention of transfer in this cycle, previously underwent any form of invasive PGT.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-20

**Obligation:** Mandatory

**Guide for use:** Record the number of embryos thawed in this cycle that underwent any form of invasive PGT in a previous cycle. In addition, record the number of embryos thawed/warmed using one of the N_S_CLTH, N_S_BLTH, N_V_CLTH or N_V_BLTH data item.

For example, where 1 slow frozen blastocyst is being thawed that had invasive PGT performed in a previous cycle, N_S_BLTH=1 and N_PGT_TH=1.

This field must be completed for all frozen cycles.

**Related metadata:** N_PGT_ASSAY, PGT_REASON, N_PGT_ET

**Validation rules:** N_PGT_TH>=0

**Comments:**
Number of non-invasive pre-implantation genetic tested (NI-PGT) embryos thawed ▲

**ANZARD label:** NI_PGT_TH

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of embryos thawed that had NI-PGT performed in a previous cycle.

**Context:** To record whether any embryo thawed with the intention of transfer in this cycle, previously underwent any form of NI-PGT.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-20

**Obligation:** Mandatory

**Guide for use:** Record the number of embryos thawed in this cycle that underwent any form of NI-PGT in a previous cycle. In addition, record the number of embryos thawed/warmed using one of the N_S_CLTH, N_S_BLTH, N_V_CLTH or N_V_BLTH data item.

For example, where 1 slow frozen blastocyst is being thawed that had NI-PGT performed in a previous cycle, N_S_BLTH=1 and NI_PGT_TH=1.

This field must be completed for all frozen cycles.

**Related metadata:** NI_PGT_ASSAY, PGT_REASON, NI_PGT_ET

**Validation rules:** NI_PGT_TH>=0

**Comments:**
Primary reason for PGT ▲

**ANZARD label:** PGT_REASON

**Admin status:** Collection from 01/01/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** To record the primary reason why PGT was performed (includes NI-PGT).

**Context:** Applies to fresh and thaw cycles that involve a PGT or NI-PGT embryo.

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**
- 1 = Aneuploidy screening
- 2 = Single gene variation
- 3 = Chromosomal structural rearrangements (e.g. translocations)
- 4 = Other

**Obligation:** Conditional

**Guide for use:** If PGT or NI-PGT was performed, specify the primary reason for performing invasive PGT or NI-PGT. If both invasive and non-invasive PGT were performed on the same embryo, please specify the primary reason for performing invasive PGT.

**Related metadata:** N_PGT_ASSAY, N_PGT_ET, N_PGT_TH, NI_PGT_ASSAY, NI_PGT_ET, NI_PGT_TH

**Validation rules:**
- If N_PGT_ASSAY > 0, then PGT_REASON!=.
- If N_PGT_TH>0, then PGT_REASON!=.
- If NI_PGT_ASSAY>0, then PGT_REASON!=.
- If NI_PGT_TH>0, then PGT_REASON!=.

**Comments:**
EMBRYO CRYOPRESERVATION DETAILS

Number of cleavage-stage embryos slow frozen

**ANZARD label:** N_CLFZ_S  
**Admin status:** Collection from 01/01/2009  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of cleavage-stage embryos slow frozen.  
**Context:** To determine the number of embryos slow frozen in a cleavage state.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-30  
**Obligation:** Mandatory  
**Guide for use:** ANZARD defines a cleavage-stage embryo as an embryo that is one to four days old, after fertilisation. For embryo donation/provision cycles, use this data item to record the number of slow frozen cleavage-stage embryos donated/provided. If fresh embryos are being donated/provided, use the N_EMBDON_FRESH data item instead. If no cleavage embryos are slow frozen in the cycle, enter “0” (zero). **This data item must not be blank.**

**Related metadata:** N_CLFZ_V  
**Validation rules:** N_CLFZ_S>=0  
**Comments:**
Number of cleavage-stage embryos vitrified

**ANZARD label:** N_CLFZ_V

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of cleavage embryos vitrified.

**Context:** To determine the number of embryos vitrified in a cleavage state.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-30

**Obligation:** Mandatory

**Guide for use:** ANZARD defines a cleavage embryo as an embryo that is one to four days old, after fertilisation.

For embryo donation/provision cycles, use this data item to record the number of vitrified cleavage-stage embryos donated/provided. If fresh embryos are being donated/provided, use the N_EMBDON_FRESH data item instead.

If no cleavage embryos are vitrified in the cycle, enter “0” (zero). **This data item must not be blank.**

**Related metadata:** N_CLFZ_S

**Validation rules:** N_CLFZ_V>=0

**Comments:**
Number of blastocysts slow frozen

**ANZARD label:** N_BLFZ_S  
**Admin status:** Collection from 01/01/2009  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of blastocysts slow frozen.  
**Context:** To determine the number of blastocysts slow frozen.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-30  
**Obligation:** Mandatory  
**Guide for use:** ANZARD defines a blastocyst as an embryo that is five to six days old, after fertilisation.  
For embryo donation/provision cycles, use this data item to record the number of slow frozen blastocysts donated/provided. If fresh embryos are being donated/provided, use the N_EMBDON_FRESH data item instead.  
If no blastocysts are slow frozen in the cycle, enter “0” (zero). This data item must not be blank.  

**Related metadata:** N_BLFZ_V  
**Validation rules:** N_BLFZ_S>=0  
**Comments:**
Number of blastocysts vitrified

**ANZARD label:** N_BLFZ_V

**Admin status:** Collection from 01/01/2009

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of blastocysts vitrified.

**Context:** Determine the number of blastocysts vitrified.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-30

**Obligation:** Mandatory

**Guide for use:** ANZARD defines a blastocyst as an embryo that is five to six days old, after fertilisation.

For embryo donation/provision cycles, use this data item to record the number of vitrified blastocysts donated/provided. If fresh embryos are being donated/provided, use the N_EMBDON_FRESH data item instead.

If no blastocysts are vitrified in the cycle, enter “0” (zero). **This data item must not be blank.**

**Related metadata:** N_BLFZ_S

**Validation rules:** N_BLFZ_V>=0

**Comments:**
Number of slow frozen cleavage-stage embryos thawed Δ

**ANZARD label:** N_S_CLTH

**Admin status:** Collection from 01/01/2020

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of slow frozen cleavage embryos thawed.

**Context:** Slow frozen cleavage embryos that are thawed for use in the cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-30

**Obligation:** Mandatory

**Guide for use:** ANZARD defines a cleavage embryo as an embryo that is one to four days old, after fertilisation.

Determine the number of cleavage embryos in the cycle that were previously slow frozen but are now being thawed for use in the cycle.

For embryo recipient cycles, use this data item to record the number of received, slow frozen cleavage-stage embryos being thawed in the cycle. If fresh embryos were received, use N_EMBREC_FRESH data item instead.

If there are no slow frozen cleavage embryos being thawed in the cycle, enter “0” (zero).

**This data item must not be blank.**

**Related metadata:** FDAT_EMB

**Validation rules:** N_S_CLTH>=0

**Comments:**
Number of vitrified cleavage-stage embryos warmed Δ

**ANZARD label**: N_V_CLTH

**Admin status**: Collection from 01/01/2020

**Version**: 2

**Metadata type**: Data element

**Definition**: Number of vitrified cleavage-stage embryos warmed.

**Context**: Vitrified cleavage-stage embryos that are warmed for use in the cycle.

**Data type**: Numeric

**Field size**: Min. 1 Max. 2

**Format**: N

**Data domain**: 0-30

**Obligation**: Mandatory

**Guide for use**: ANZARD defines a cleavage embryo as an embryo that is one to four days old, after fertilisation.

Determine the number of cleavage embryos in the cycle that were previously vitrified but are now being warmed for use in the cycle.

For embryo recipient cycles, use this data item to record the number of received, vitrified cleavage-stage embryos being warmed in the cycle. If fresh embryos were received, use N_EMBREC_FRESH data item instead.

If there are no vitrified cleavage embryos being warmed in the cycle, enter “0” (zero).

This data item must not be blank.

**Related metadata**: FDAT_EMB

**Validation rules**: N_V_CLTH>=0

**Comments**: 
Number of slow frozen blastocysts thawed \( \Delta \)

**ANZARD label:** N\_S\_BLTH  
**Admin status:** Collection from 01/01/2020  
**Version:** 2  
**Metadata type:** Data element  
**Definition:** Number of slow frozen blastocysts thawed.  
**Context:** Slow frozen blastocysts that are thawed for use in the cycle.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-30  
**Obligation:** Mandatory  
**Guide for use:** ANZARD defines a blastocyst as an embryo that is five to six days old, after fertilisation. Determine the number of blastocysts in the cycle that were previously slow frozen but are now being thawed for use in the cycle. For embryo recipient cycles, use this data item to record the number of received, slow frozen blastocysts being thawed in the cycle. If fresh embryos were received, use N\_EMBREC\_FRESH data item instead. If there are no slow frozen blastocysts being thawed in the cycle, enter “0” (zero). **This data item must not be blank.**

**Related metadata:** FDAT\_EMB  
**Validation rules:** N\_S\_BLTH>=0  
**Comments:**
Number of vitrified blastocysts warmed Δ

**ANZARD label:** N_V_BLTH

**Admin status:** Collection from 01/01/2020

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of vitrified blastocysts warmed.

**Context:** Vitrified blastocysts that are warmed for use in the cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-30

**Obligation:** Mandatory

**Guide for use:** ANZARD defines a blastocyst as an embryo that is five to six days old, after fertilisation.

Determine the number of blastocysts in the cycle that were previously vitrified but are now being warmed for use in the cycle.

For embryo recipient cycles, use this data item to record the number of received, vitrified blastocysts being warmed in the cycle. If fresh embryos were received, use N_EMBREC_FRESH data item instead.

If there are no vitrified blastocysts being warmed in the cycle, enter “0” (zero).

**This data item must not be blank.**

**Related metadata:** FDAT_EMB

**Validation rules:** N_V_BLTH>=0

**Comments:**
Initial freezing date of thawed/warmed embryos

**ANZARD label:** FDAT_EMB  
**Admin status:** Collection from 01/01/2009  
**Version:** 1

**Metadata type:** Data element  
**Definition:** Initial cryopreservation date of thawed/warmed embryos.  
**Context:** To determine the initial cryopreservation date.  
**Data type:** Date  
**Field size:** Min. 10 Max. 10  
**Format:** DD/MM/YYYY  
**Data domain:** A valid date.  
**Obligation:** Conditional  

**Guide for use:** Determine the number of embryos in the cycle being thawed/warmed and the initial cryopreservation date.

If there is more than one embryo being thawed/warmed and the embryos have different cryopreservation dates (from different batches), then record the earliest cryopreservation date.

If there are no embryos being thawed/warmed in the cycle, leave this data item blank.

**Related metadata:** N_S_CLTH, N_S_BLTH, N_V_CLTH, N_V_BLTH

**Validation rules:** If (N_S_CLTH>0 or N_V_CLTH>0 or N_S_BLTH>0 or N_V_BLTH>0) then FDAT_EMB!=""  
FDAT_EMB<CYC_DATE

**Comments:**
EMBRYO TRANSFER DETAILS

Embryo transfer date

**ANZARD label:** ET_DATE

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Embryo transfer date.

**Context:** To determine the date that embryo transfer took place.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** Determine the date when embryo transfer to the female patient was performed. If no embryos were transferred, leave this data item blank. For thaw cycles, embryo transfer date is expected within 43 days of the cycle date. For fresh cycles, embryo transfer date is expected within 8 days of the OPU date.

**Related metadata:** N_CL_ET, N_BL_ET

**Validation rules:**

- If (N_CL_ET>0 or N_BL_ET >0) then ET_DATE\ne ""
- ET_DATE>CYC_DATE
- ET_DATE-CYC-DATE<=43
- ET_DATE-OPU_DATE<=8

**Comments:**
Number of cleavage-stage embryos transferred

**ANZARD label:** N_CL_ET

**Admin status:** Collection from 01/01/2009

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of cleavage-stage embryos transferred.

**Context:** Cleavage-stage embryos transferred to the female patient’s uterus for implantation and intended pregnancy.

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:** 0-3

**Obligation:** Mandatory

**Guide for use:** ANZARD defines a cleavage-stage embryo as an embryo that is one to four days old, after fertilisation.

Determine the number of cleavage-stage embryos in the cycle that were transferred.

If no cleavage-stage embryos were transferred in the cycle, enter “0” (zero).

**This data item must not be blank.**

**Related metadata:** ET_DATE, N_BL_ET

**Validation rules:** If N_CL_ET>0 then ET_DATE!=.

N_CL_ET>=0

**Comments:**
Number of blastocysts transferred

**ANZARD label:** N_BL_ET

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of blastocysts transferred.

**Context:** Blastocysts transferred to the female patient’s uterus for implantation and intended pregnancy.

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:** 0-3

**Obligation:** Mandatory

**Guide for use:** ANZARD defines a blastocyst as an embryo that is five to six days old, after fertilisation.

Determine the number of blastocysts that were transferred in the cycle.

If no blastocysts were transferred in the cycle, enter “0” (zero).

**This data item must not be blank.**

**Related metadata:** N_CL_ET, ET_DATE

**Validation rules:** If N_BL_ET>0 then ET_DATE=.

N_BL_ET>=0

**Comments:**
Whether any transferred embryos were fertilised by ICSI

**ANZARD label:** EMB_ICSI

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Transferred embryos fertilised by ICSI.

**Context:** Identifying whether any of the transferred embryos were fertilised using ICSI.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes

**Obligation:** Conditional

**Guide for use:** Determine if any of the embryos transferred were a result of an oocyte being fertilised using ICSI.
If no embryo transfer occurred, leave this data item blank.

**Related metadata:** ET_DATE, N_ICSI

**Validation rules:**
- If (N_ICSI>0 and ET_DATE!= "") then EMB_ICSI!= ""
- If CYCLE_TYPE=8 then EMB_ICSI= ""

**Comments:**
PREGNANCY DETAILS

Clinical pregnancy

**ANZARD label:** PR_CLIN

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Clinical pregnancy.

**Context:**
A clinical pregnancy must fulfil at least one of the following criteria:

1. Pregnancy known to be ongoing at 20 weeks
2. Evidence by ultrasound of an intrauterine sac and/or fetal heart.
3. Examination of products of conception reveal chorionic villi
4. A definite ectopic pregnancy that has been diagnosed laparoscopically or by ultrasound

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>n</td>
<td>No</td>
</tr>
<tr>
<td>y</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Obligation:** Conditional

**Guide for use:** Determine if a clinical pregnancy has occurred using the criteria above.

*This data item must not be blank if an embryo transfer or insemination has occurred.*

If ET_DATE is complete, PR_CLIN must be complete.
If N_BL_ET or N_CL_ET >0 then PR_CLIN must be complete.
If IUI_DATE is complete, PR_CLIN must be complete.

**Related metadata:** N_BL_ET, N_CL_ET, IUI_DATE, ET_DATE

**Validation rules:**

- If ET_DATE!= "" then PR_CLIN!= ""
- If IUI_DATE!= "" then PR_CLIN!= ""
- If PR_CLIN = y then (N_BL_ET>0 or N_CL_ET>0 or IUI_DATE!= "")
- If ET_DATE= "" and IUI_DATE= "" then PR_CLIN=n

**Comments:**
Pregnancy end date

**ANZARD label:** PR_END_DT

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Date that pregnancy ended.

**Context:** The end of a pregnancy includes delivery, miscarriage or termination.

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** If it is known that the pregnancy ended, but the exact pregnancy end date is unknown, please enter an approximate date in PR_END_DT and note “PR_END_DT approximated” in the COMMENT field along with any other information.

Where multiple births occur over more than one date, record the date of the first born baby.

If there was no clinical pregnancy, leave this data item blank.

**Related metadata:** PR_CLIN

**Validation rules:** If PR_CLIN = y then PR_END_DT!= “”

**Comments:**
Number of fetal hearts

**ANZARD label:** N_FH

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of fetal hearts.

**Context:** To determine the number of fetal hearts seen on first ultrasound

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**

0-3

99 = unknown

**Obligation:** Conditional

**Guide for use:** Determine the number of fetal hearts identified on first ultrasound (intrauterine only).

If there was no clinical pregnancy and therefore no fetal hearts, enter “0” (zero).

If the number of fetal hearts is unknown, enter “9.”

**Related metadata:** PR_CLIN

**Validation rules:** If PR_CLIN = y, then N_FH!=".

**Comments:**
Ectopic pregnancy

**ANZARD label:** PR_ECTOP  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Ectopic pregnancy.  
**Context:** An ectopic pregnancy occurs when the embryo attaches outside of the uterus. A heterotopic pregnancy is a combined ectopic and uterine pregnancy.  
**Data type:** Character  
**Field size:** Min. 1 Max. 1  
**Format:** C  
**Data domain:**  
- n = Neither ectopic nor heterotopic  
- e = Ectopic  
- h = Heterotopic  
**Obligation:** Conditional  
**Guide for use:** Determine whether the pregnancy is an ectopic pregnancy or a heterotopic pregnancy.  
If the pregnancy is neither ectopic nor heterotopic, record 'n = neither ectopic nor heterotopic.'  
**Related metadata:** PR_CLIN  
**Validation rules:** If PR_CLIN = y then PR_ECTOP!= ""  
**Comments:**
Elective termination of pregnancy

**ANZARD label:** PR_TOP

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Elective termination of pregnancy by the female patient.

**Context:** To determine whether there was elective termination of pregnancy.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes

**Obligation:** Conditional

**Guide for use:**
Determine whether the female patient elected to terminate the pregnancy for any reason.

Provide details about reason for elective termination in the ABN_LESS data item.

**Do not** consider a planned fetal reduction in a multiple pregnancy subsequently resulting in an unintended miscarriage, as an elective termination of pregnancy.

**Do not** consider a pregnancy where there has been an intrauterine fetal death (IUFD) which required induced delivery, as an elective termination of pregnancy.

**Related metadata:** PR_CLIN, ABN_LESS

**Validation rules:** If PR_CLIN = y then PR_TOP!= ""

**Comments:**
Selective reduction performed in pregnancy

**ANZARD label:** PR_REDUC

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Selective reduction performed.

**Context:** To determine whether selective reduction was performed.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**

- n = No
- y = Yes

**Obligation:** Conditional

**Guide for use:** Determine whether selective reduction was performed.

If selective reduction was performed, provide details about reasons in the ABN_LESS data item.

**Related metadata:** PR_CLIN, ABN_LESS

**Validation rules:** If PR_CLIN = y then PR_REDUC!="n"

**Comments:**
Fetal abnormality in the pregnancy

**ANZARD label:** ABN_LESS

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Fetal abnormality in a pregnancy ending less than 20 weeks or by selective reduction.

**Context:** Applicable to elective terminations of pregnancy and fetal reductions due to fetal abnormality.

**Data type:** Text

**Field size:** Min. 1 Max. 255

**Format:** T

**Data domain:** N/A

**Obligation:** Conditional

**Guide for use:** Record details about the reasons for termination of pregnancy and/or selective reduction.

Where there is no information to enter in this field, leave it blank. **DO NOT** enter “nil” or “none.”

**Related metadata:** PR_TOP, PR_REDUCE

**Validation rules:**

- If PR_TOP = y then ABN_LESS != “”
- ABN_LESS != “nil” and ABN_LESS != “none”

**Comments:**
Maternal complications of pregnancy

**ANZARD label:** MAT_COMP

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Maternal complications of pregnancy.

**Context:** To record any maternal complications of pregnancy.

**Data type:** Text

**Field size:** Min. 1 Max. 255

**Format:** T

**Data domain:** N/A

**Obligation:** Optional

**Guide for use:** Record details about the complications of pregnancy experienced by the female patient.

Where there is no information to enter for this data item, leave it blank. **DO NOT** enter “nil” or “none.”

**Related metadata:** PR_CLIN

**Validation rules:** MAT_COMP!= “nil” and MAT_COMP!= “none”

**Comments:**
BIRTH DETAILS

Number of babies born

ANZARD label: N_DELIV
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Number of babies born.
Context: The number of babies born meeting at least one of the following criteria:
   1. Born at 20 weeks or more gestation
   2. Birthweight is >= 400 grams

Data type: Numeric
Field size: Min. 1 Max. 1
Format: N
Data domain: 0-4
Obligation: Conditional
Guide for use: Record the number of babies born, including all live born and stillborn babies
after 20 weeks or more gestation or with a birthweight of 400 grams or more.
Recording “1” indicates one baby born
Recording “2” indicates two babies born

Related metadata: PR_CLIN
Validation rules: If PR_CLIN = y then N_DELIV>=0
Comments:
Caesarean section

**ANZARD label:** CS

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Caesarean birth.

**Context:** It doesn’t matter whether the CS was planned or emergency.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes
- u = Unknown

**Obligation:** Conditional

**Guide for use:** Regardless whether caesarean section was planned or not, indicate whether at least one baby was born by caesarean section.

If any baby of a multiple birth is a caesarean section delivery, enter ‘y’.

Every attempt must be made to obtain this information. If it is unknown whether a baby was born by CS, then record “u” (unknown).

**Related metadata:** N_DELIV

**Validation rules:** If N_DELIV>0 then CS!= “”

**Comments:**
Outcome of first-born baby

**ANZARD label:** BAB1_OUT

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Outcome of first-born baby.

**Context:** To determine the outcome of the baby.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- s = Stillbirth
- l = Livebirth/survived
- n = Livebirth/died within 28 days (neonatal death)
- u = Baby born but outcome unknown

**Obligation:** Conditional

**Guide for use:** Every attempt must be made to obtain this information.

- A livebirth is a birth that meets the WHO definition and is 20 weeks or more gestation or 400 grams or more in birthweight.
- A stillbirth is the birth of an infant after 20 weeks or more gestation or 400 grams or more birthweight that shows no signs of life.
- A neonatal death is the death of a liveborn infant within 28 days of birth
- If the outcome of the first-born baby is unknown, record “u” (baby born but outcome unknown).

**Related metadata:** N_DELIV

**Validation rules:** If N_DELIV>0 then BAB1_OUT!=""

**Comments:**
Sex of first-born baby

**ANZARD label:** BAB1_SEX

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Sex of first-born baby.

**Context:** To determine the sex of the baby.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- m = Male
- f = Female
- u = Sex unknown

**Obligation:** Conditional

**Guide for use:** Every attempt must be made to obtain this information. If the sex of the first-born baby is unknown, record “u” (sex unknown).

**Related metadata:** N_DELIV

**Validation rules:** If N_DELIV>0 then BAB1_SEX!= “”

**Comments:**
Weight of first-born baby

ANZARD label: BAB1_WT
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Birthweight of first-born baby.
Context: To determine the birthweight of the baby.
Data type: Numeric
Field size: Min. 1 Max. 4
Format: N
Data domain: 200 – 5500
Obligation: Conditional
Guide for use: Every attempt must be made to obtain this information.
If the weight of the first-born baby is unknown, record “9999.”
Related metadata: N_DELIV
Validation rules: If N_DELIV>0 then BAB1_WT!=.
Comments:
Abnormalities in first-born baby

ANZARD label: BAB1_ABN
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Abnormalities in first-born baby.
Context: To record any abnormalities in the baby.
Data type: Text
Field size: Min. 1 Max. 255
Format: T
Data domain: N/A
Obligation: Optional
Guide for use: If present, record any information about the congenital malformation of the first-born baby.
If there is no abnormality present, leave this data item blank. DO NOT enter "nil" or "none."
Related metadata: N_DELIV
Validation rules: BAB1_ABN!= "nil" and BAB1_ABN!= "none"
Comments:
Date of neonatal death of first-born baby

**ANZARD label:** BAB1_NND

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Date of neonatal death of first-born baby.

**Context:** To record the date of neonatal death (if baby died within 28 days of birth).

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** If the first-born baby died within 28 days of birth, record the date of neonatal death. If no neonatal death occurred, leave this data item blank.

**Related metadata:** BAB1_OUT

**Validation rules:** If BAB1_OUT = n then BAB1_NND!=""

**Comments:**
Outcome of second-born baby

**ANZARD label:** BAB2_OUT

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Outcome of second-born baby.

**Context:** To determine the outcome of the baby.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**

- s = Stillbirth
- l = Livebirth/survived
- n = Livebirth/died within 28 days (neonatal death)
- u = Baby born but outcome unknown

**Obligation:** Conditional

**Guide for use:** Every attempt must be made to obtain this information.

- A livebirth is a birth that meets the WHO definition and is 20 weeks or more gestation or 400 grams or more in birthweight.
- A stillbirth is the birth of an infant after 20 weeks or more gestation or 400 grams or more birthweight that shows no signs of life.
- A neonatal death is the death of a liveborn infant within 28 days of birth.
- If the outcome of the first-born baby is unknown, record “u” (baby born but outcome unknown).

**Related metadata:** N_DELIV

**Validation rules:** If N_DELIV>1 then BAB2_OUT!= “”

**Comments:**
Sex of second-born baby

**ANZARD label:** BAB2_SEX

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Sex of second-born baby.

**Context:** To determine the sex of the baby.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- m = Male
- f = Female
- u = Sex unknown

**Obligation:** Conditional

**Guide for use:** Every attempt must be made to obtain this information. If the sex of the second-born baby is unknown, record “u” (sex unknown).

**Related metadata:** N_DELIV

**Validation rules:** If N_DELIV>1 then BAB2_SEX!= “”

**Comments:**
Weight of second-born baby

**ANZARD label:** BAB2_WT  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Weight of second-born baby.  
**Context:** To determine the weight of the baby.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 4  
**Format:** N  
**Data domain:** 200 – 5500  
**Obligation:** Conditional  
**Guide for use:** Every attempt must be made to obtain this information.  
If the weight of the second-born baby is unknown, record “9999.”

**Related metadata:** N_DELIV  
**Validation rules:** If N_DELIV>1 then BAB2_WT!= ""  
**Comments:**
Abnormalities in second-born baby

**ANZARD label:** BAB2_ABN

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Abnormalities in second-born baby.

**Context:** To record any abnormalities in the baby.

**Data type:** Text

**Field size:** Min. 1 Max. 255

**Format:** T

**Data domain:** N/A

**Obligation:** Optional

**Guide for use:** If present, record any information about the congenital malformation of the second-born baby.

If there is no abnormality present, leave this data item blank. **DO NOT** enter "nil" or "none."

**Related metadata:** N_DELIV

**Validation rules:** BAB2_ABN! = "nil" and BAB2_ABN! = "none"

**Comments:**
Date of neonatal death of second-born baby

**ANZARD label:** BAB2_NND

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Date of neonatal death of second-born baby.

**Context:** To record the date of neonatal death (if baby died within 28 days of birth).

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** If the second-born baby died within 28 days of birth, record the date of neonatal death.

If no neonatal death occurred, leave this data item blank.

**Related metadata:** BAB2_OUT

**Validation rules:** If BAB2_OUT = n then BAB2_NND!= ""

**Comments:**
Outcome of third-born baby

ANZARD label: BAB3_OUT
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Outcome of third-born baby.
Context: To determine the outcome of the baby.
Data type: Character
Field size: Min. 1 Max. 1
Format: C
Data domain: s = Stillbirth
            l = Livebirth/survived
            n = Livebirth/died within 28 days (neonatal death)
            u = Baby born but outcome unknown
Obligation: Conditional
Guide for use: Every attempt must be made to obtain this information.
  • A livebirth is a birth that meets the WHO definition and is 20 weeks or more
    gestation or 400 grams or more in birthweight.
  • A stillbirth is the birth of an infant after 20 weeks or more gestation or 400
    grams or more birthweight that shows no signs of life.
  • A neonatal death is the death of a liveborn infant within 28 days of birth
  • If the outcome of the first-born baby is unknown, record “u” (baby born but
    outcome unknown).
Related metadata: N_DELIV
Validation rules: If N_DELIV>2 then BAB3_OUT!= “”
Comments:
**Sex of third born baby**

**ANZARD label:** BAB3_SEX  

**Admin status:** Collection from 01/01/2006  

**Version:** 1  

**Metadata type:** Data element  

**Definition:** Sex of third-born baby.  

**Context:** To determine the sex of the baby.  

**Data type:** Character  

**Field size:** Min. 1 Max. 1  

**Format:** C  

**Data domain:**  
m = Male  
f = Female  
u = Sex unknown  

**Obligation:** Conditional  

**Guide for use:** Every attempt must be made to obtain this information. If the sex of the third-born baby is unknown, record “u” (sex unknown).  

**Related metadata:** N_DELIV  

**Validation rules:** If N_DELIV>2 then BAB3_SEX!=.  

**Comments:**
Weight of third-born baby

**ANZARD label:** BAB3_WT

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Weight of third-born baby.

**Context:** To determine the weight of the baby.

**Data type:** Numeric

**Field size:** Min. 1 Max. 4

**Format:** N

**Data domain:** 200 – 3000

**Obligation:** Conditional

**Guide for use:** Every attempt must be made to obtain this information.

If the weight of the third-born baby is unknown, record “9999.”

**Related metadata:** N_DELIV

**Validation rules:** If N_DELIV>2 then BAB3_WT!=. 

**Comments:**
Abnormalities in third-born baby

**ANZARD label:** BAB3_AB

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Abnormalities in third-born baby.

**Context:** To record any abnormalities in the baby.

**Data type:** Text

**Field size:** Min. 1 Max. 255

**Format:** T

**Data domain:** N/A

**Obligation:** Optional

**Guide for use:** If present, record any information about the congenital malformation of the third-born baby.

If there is no abnormality present, leave this data item blank. **DO NOT** enter “nil” or “none.”

**Related metadata:** N_DELIV

**Validation rules:** BAB3_AB!= "nil" and BAB3_AB!= “none”

**Comments:**

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Date of neonatal death of third-born baby

**ANZARD label:** BAB3_NND

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Date of neonatal death of third-born baby.

**Context:** To record the date of neonatal death (if baby died within 28 days of birth).

**Data type:** Date

**Field size:** Min. 10 Max. 10

**Format:** DD/MM/YYYY

**Data domain:** A valid date.

**Obligation:** Conditional

**Guide for use:** If the third-born baby died within 28 days of birth, record the date of neonatal death. If no neonatal death occurred, leave this data item blank.

**Related metadata:** BAB3_OUT

**Validation rules:** If BAB3_OUT = n then BAB3_NND!=. 

**Comments:**
Outcome of fourth-born baby

ANZARD label: BAB4_OUT
Admin status: Collection from 01/01/2006
Version: 1
Metadata type: Data element
Definition: Outcome of fourth-born baby.
Context: To determine the outcome of the baby.
Data type: Character
Field size: Min. 1 Max. 1
Format: C
Data domain: s = Stillbirth
I = Livebirth/survived
n = Livebirth/died within 28 days (neonatal death)
u = Baby born but outcome unknown

Obligation: Conditional

Guide for use: Every attempt must be made to obtain this information.

- A livebirth is a birth that meets the WHO definition and is 20 weeks or more gestation or 400 grams or more in birthweight.
- A stillbirth is the birth of an infant after 20 weeks or more gestation or 400 grams or more birthweight that shows no signs of life.
- A neonatal death is the death of a liveborn infant within 28 days of birth if the outcome of the first-born baby is unknown, record “u” (baby born but outcome unknown).

Related metadata: N_DELIV

Validation rules: If N_DELIV>3 then BAB4_OUT!=""

Comments:
Sex of fourth-born baby

**ANZARD label:** BAB4_SEX  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Sex of fourth-born baby.  
**Context:** To determine the sex of the baby.  
**Data type:** Character  
**Field size:** Min. 1 Max. 1  
**Format:** C  
**Data domain:**  
- m = Male  
- f = Female  
- u = Sex unknown  
**Obligation:** Conditional  
**Guide for use:** Every attempt must be made to obtain this information. If the sex of the fourth-born baby is unknown, record “u” (sex unknown).  
**Related metadata:** N_DELIV  
**Validation rules:** If N_DELIV > 3 then BAB4_SEX != “”  
**Comments:**
Weight of fourth-born baby

**ANZARD label:** BAB4_WT  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Weight of fourth-born baby.  
**Context:** To determine the weight of the baby.  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 4  
**Format:** N  
**Data domain:** 200 – 3000  
**Obligation:** Conditional  
**Guide for use:** Every attempt must be made to obtain this information. If the weight of the fourth-born baby is unknown, record “9999.”  
**Related metadata:** N_DELIV  
**Validation rules:** If N_DELIV>3 then BAB4_WT!=.  
**Comments:**
### Abnormalities in fourth-born baby

**ANZARD label:** BAB4_ABN  
**Admin status:** Collection from 01/01/2006  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Abnormalities in fourth-born baby.  
**Context:** To record any abnormalities in the baby.  
**Data type:** Text  
**Field size:** Min. 1 Max. 255  
**Format:** T  
**Data domain:** N/A  
**Obligation:** Optional  
**Guide for use:** If present, record any information about the congenital malformation of the fourth-born baby.  
If there is no abnormality present, leave this data item blank. **DO NOT** enter "nil" or "none."  

**Related metadata:** N_DELIV  
**Validation rules:** BAB4_ABN!= "nil" and BAB4_ABN!= "none"  
**Comments:**
Date of neonatal death of fourth-born baby

ANZARD label: B4_NND

Admin status: Collection from 01/01/2006

Version: 1

Metadata type: Data element

Definition: Date of neonatal death of fourth-born baby.

Context: To record the date of neonatal death (if baby died within 28 days of birth).

Data type: Date

Field size: Min. 10 Max. 10

Format: DD/MM/YYYY

Data domain: A valid date.

Obligation: Conditional

Guide for use: If the fourth-born baby died within 28 days of birth, record the date of neonatal death.

If no neonatal death occurred, leave this data item blank.

Related metadata: BAB4_OUT

Validation rules: If BAB4_OUT = n then BAB4_NND!=.

Comments:
TREATMENT COMPLICATIONS

Hospital admission with ART-related morbidity

**ANZARD label:** MORB_ADM

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Hospital admission with ART related morbidity.

**Context:** To record any hospital admission with ART related morbidity.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:** n = No

**Obligation:** Optional

**Guide for use:** Indicate whether the female patient was admitted to hospital with any condition related to fertility treatment. Examples include but are not limited to OHSS, infection, bleeding after OPU.

Record as much information as is known about the hospital admission and morbidity in the MORB_INF field.

Exclude any pregnancy related issues (e.g. ectopic pregnancy).

**Related metadata:** MORB_INF

**Validation rules:**

**Comments:**
Morbidity – ovarian hyperstimulation syndrome (OHSS)

**ANZARD label:** MRB_OHSS

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Whether ovarian hyperstimulation syndrome (OHSS) occurred.

**Context:** OHSS is a potential complication of receiving fertility treatment and sometimes occurs after oocyte retrieval or in the early stages of pregnancy.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- n = No
- y = Yes

**Obligation:** Optional

**Guide for use:** Indicate whether the female patient experienced ovarian hyperstimulation syndrome at any time during the treatment cycle.

If the patient did experience OHSS, record as much information as is known in the MORB_INF field.

**Related metadata:** MORB_INF

**Validation rules:**

**Comments:**
Morbidity – additional information

**ANZARD label:** MORB_INF

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Morbidity information and detail.

**Context:** To record as much detail as is known about the cause of morbidity.

**Data type:** Text

**Field size:** Min. 1 Max. 255

**Format:** T

**Data domain:** N/A

**Obligation:** Conditional

**Guide for use:** Record any information related to the female patient's hospital admission or cause of morbidity in this field. If the patient did not experience any morbidities, leave this field blank. **DO NOT** enter “nil” or “none.”

**Related metadata:** MORB_ADM MRB_OHSS

**Validation rules:** If (MORB_ADM = y or MRB_OHSS = y) then MORB_INF! = “”

**Comments:**
Comment

**ANZARD label:** COMMENT

**Admin status:** Collection from 01/01/2006

**Version:** 1

**Metadata type:** Data element

**Definition:** Additional comments about the cycle.

**Context:**

**Data type:** Text

**Field size:** Min. 1 Max. 255

**Format:** T

**Data domain:** N/A

**Obligation:** Optional

**Guide for use:** Record additional comments or further explanations related to the treatment provided in the cycle or outcomes as a result of treatment.

If there are no comments, leave this data item blank. **DO NOT** enter “nil” or “none.”

**Related metadata:**

**Validation rules:**

**Comments:**
APPENDIX 1 SUPERSEDED DATA ITEMS

Data items listed in Appendix 1 have been superseded by an updated version of the data item. Collection start dates and end dates are provided for reference.

ANZARD Unit Number

**ANZARD label:** UNIT  
**Admin status:** Collection from 01/01/2006 to 31/12/2019  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** A unit’s ID number assigned by the NPESU.  
**Context:** Required to accurately identify units.  
**Data type:** Numeric  
**Field size:** Min. 3 Max. 3  
**Format:** N  
**Data domain:** N/A  
**Obligation:** Mandatory  
**Guide for use:** The unit number must be entered for all cycles reported to ANZARD.  
**Related metadata:** None.  
**Validation rules:** Must be equal to ANZARD data portal uploading “unit” field.  
**Comments:** This data item is superseded by the ANZARD_UNIT data item.

Reproductive Technology Accredited Committee (RTAC) Site Number

**ANZARD label:** SITE  
**Admin status:** Collection from 01/01/2016 to 31/12/2019  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** RTAC ID number supplied by RTAC.  
**Context:** Required to accurately identify sites.  
**Data type:** Numeric  
**Field size:** Min. 3 Max. 3  
**Format:** N  
**Data domain:** N/A  
**Obligation:** Mandatory  
**Guide for use:** The site number must be entered for all cycles reported to ANZARD and is where the cycle was initiated.  
**Related metadata:** None.  
**Validation rules:** Must be equal to the site number associated with the site user’s portal profile.  
**Comments:** This data item is superseded by the ART_UNIT data item.
Cycle date

**ANZARD label:** CYC_DATE

**Admin status:** Collection from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Indicates the date when a cycle started.

**Context:** Determining durations from the start of the cycle.

**Data type:** Date

**Field size:** Min. 9 Max. 9

**Format:** DD-MMM-YY

**Data domain:** A valid date.

**Obligation:** Mandatory

**Guide for use:** For treatment cycles this is according to the Medicare definition and is:

1. date of LMP for unstimulated fresh cycles
2. the first date where FSH/stimulation drug is administered
3. date of thawing oocytes/embryos if thaw oocytes/embryos were used
4. date of disposal for disposal of embryos
5. date of import/export for embryos import/export
6. date of donation for frozen oocytes/embryos donation cycles (donor only, not recipient) or
7. date of receiving oocytes/embryos for non-transfer record (recipient only without transfer)

This date defines the year in which a cycle is reported to NPSU.

**Related metadata:** CYCLE_ID

**Validation rules:** CYC_DATE! = " "

**Comments:** This data item’s format and guide for use was amended and is superseded by version 2 in the ANZARD 2.0 database.
**Cycle date**

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>CYC_DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Collection from 01/01/2009 to 31/12/2019</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>Indicates the date when a cycle started.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>Determining durations from the start of the cycle.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Date</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 10 Max. 10</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>DD/MM/YYYY</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>A valid date.</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>This field must be completed for all cycles – no exceptions. Coding CYC_DATE by the following rules: 1. The first date where FSH/stimulation drug is administered 2. The date of LMP for unstimulated cycles (including natural fresh cycles and thaw cycles) 3. The date of embryos disposed for embryo disposal cycles 4. The date of oocytes/embryos imported or exported for oocyte/embryo import/export cycles 5. The date of embryos donated for frozen embryo donation cycles, or 6. The date of embryos received for non-transfer embryo recipient cycles This date defines the year in which a cycle is reported by UNSW/PRERU.</td>
</tr>
</tbody>
</table>

**Related metadata:** CYCLE_ID

**Validation rules:** CYC_DATE!=" "

**Comments:** This data item’s guide for use was updated and is superseded by version 3 in the ANZARD 3.0 database.
First two letters of female patient’s first name

**ANZARD label:** NAM_FST2  
**Admin status:** Superseded. Collected from 01/01/2009 to 31/12/2019  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** The first two letters in the female patient’s first name.  
**Context:** Facilitates creation of statistical linkage key used by ANZARD to track cycles undertaken by the same woman.  
**Data type:** Character  
**Field size:** Min. 2 Max. 2  
**Format:** C  
**Data domain:** Letters A-Z  
**Obligation:** Mandatory  
**Guide for use:** Record the first two letters only of the female patient’s first name.  
**Related metadata:** NAM_SUR2  
**Validation rules:**  
**Comments:** The ANZARD label for this data item was changed to FNAM_FST2 and is superseded by FNAM_FST2 in the ANZARD 3.0 database.
First two letters of female patient’s surname

**ANZARD label:** NAM_SUR2  
**Admin status:** Superseded. Collected from 01/01/2009 to 31/12/2019  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** The first two letters in the female patient’s surname.  
**Context:** Facilitates creation of statistical linkage key used by ANZARD to track cycles undertaken by the same woman.  
**Data type:** Character  
**Field size:** Min. 2 Max. 2  
**Format:** C  
**Data domain:** Letters A-Z  
**Obligation:** Mandatory  
**Guide for use:** Record the first two letters only of the female patient’s surname. **Do not** count characters such as apostrophes, as letters. For example, if a patient’s surname is “O’Riley” enter the first two letters as “OR.”  
**Related metadata:** NAM_FST2  
**Validation rules:**  
**Comments:** The ANZARD label for this data item was changed to FNAM_SUR2 and is superseded by FNAM_SUR2 in the ANZARD 3.0 database.

Woman’s date of birth

**ANZARD label:** MDOB  
**Admin status:** Superseded. Collected from 01/01/2006 to 31/12/2008  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Woman’s date of birth (DOB).  
**Context:** Required to define age of patient at the time of treatment.  
**Data type:** Date  
**Field size:** Min. 10 Max. 10  
**Format:** DD/MM/YYYY  
**Data domain:** A valid date.  
**Obligation:** Conditional  
**Guide for use:** Leave blank where the woman is an oocyte or embryo donor and insert the age in completed years in DON_AGE (field 6). Otherwise, always complete.  
**Related metadata:**  
**Validation rules:**  
**Comments:** This item is superseded by FDOB in the ANZARD 2.0 database.
**Female patient’s date of birth**

**ANZARD label:** FDOB  
**Admin status:** Superseded. Collected from 01/01/2009 to 31/12/2019  
**Version:** 2  
**Metadata type:** Data element  
**Definition:** Female patient’s date of birth (DOB).  
**Context:** Required to define age of patient at the time of treatment.  
**Data type:** Date  
**Field size:** Min. 10 Max. 10  
**Format:** DD/MM/YYYY  
**Data domain:** A valid date.  
**Obligation:** Mandatory  
**Guide for use:** This field needs to be completed for all female patients included oocyte/embryo donors. This field will be used to generate the statistical linkage key.  
**Related metadata:** PAT_ID  
**Validation rules:** FDOB<Current year  
**Comments:** This item is superseded by FDOB_PAT in the ANZARD 3.0 database.

**Husband/partner date of birth**

**ANZARD label:** PDOB  
**Admin status:** Superseded. Collected from 01/01/2006 to 31/12/2019.  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Husband/male partner’s DOB  
**Context:** Captures the husband/male partner’s date of birth.  
**Data type:** Date  
**Field size:** Min. 10 Max. 10  
**Format:** DD/MM/YYYY  
**Data domain:** A valid date.  
**Obligation:** Conditional  
**Guide for use:** Leave blank if single, lesbian or oocyte/embryo donor.  
**Related metadata:**  
**Validation rules:**  
**Comments:** This item was superseded by MDOB_1 in the ANZARD 3.0 database.
Fertility preservation

**ANZARD label:** FERT_PRES

**Admin status:** Collection from 01/01/2020 to 31/12/2020

**Version:** 1

**Metadata type:** Data element

**Definition:** Fertility preservation.

**Context:** To determine whether the treatment cycle took place for fertility preservation purposes.

**Data type:** Number

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**
- 1 = No
- 2 = Yes

**Obligation:** Conditional

**Guide for use:** A cycle is considered to take place for fertility preservation purposes where the female patient does not intend to use the oocytes or resulting embryos within the next 12 months.

This field should be completed for the initial cycle being undertaken for fertility preservation purposes **AND** any subsequent cycles using thawed oocytes collected or embryos created in the initial preservation cycle.

Male fertility preservation is not recorded in ANZARD.

**Related metadata:** FP_TYPE, CYCLE_TYPE

**Validation rules:**
- If FERT_PRES = 2 (yes) then FP_TYPE!=.
- If CYCLE_TYPE!=lab-only then FP_TYPE!=.

**Comments:** This data item is superseded by version 2.0 for data collection from 01/01/2021.
Date trying to conceive

ANZARD label: DATE_TTC
Admin status: Collection from 01/01/2020 to 31/12/2020
Version: 1
Metadata type: Data element
Definition: The month and year that the female intending parent started trying to conceive.
Context: To determine the period of infertility experienced by the female intending parent.

Data type: Date
Field size: Min. 10 Max. 10
Format: 01/MM/YYYY
Data domain: A valid date.
Obligation: Conditional
Guide for use: • The ‘day’ element of the date is fixed and must be recorded as “01” for all entries.
• This field applies to female-male couples only regardless of cause of infertility.
• For female-male couples doing ART not to treat clinical infertility (e.g. for PGT only), this data item is not applicable and must be left blank.
• For female-male couples where the male intending parent has had a vasectomy, the DATE_TTC is the date they first engaged ART services.
• Include any occurrence of miscarriage as contributing to the period of infertility. When calculating the date, include periods of previous non-ART treatment.

Example
If the female intending parent has been trying to conceive since January 2010 during which time, she had 3 miscarriages, received acupuncture and one attempt at IUI, but had no live births, then the date of first attempt to conceive is recorded as 01/01/2010.

Related metadata: PARENT_SEX, ART_REASON
Validation rules: DD must be “01”
MM must be between 01 and 12
If PARENT_SEX = female-male couple and ART_REASON=n then
DATE_TTC!= “”
If PARENT_SEX = female-male couple and ART_REASON=y then
DATE_TTC= “”
Comments: This data item will be revised and updated for new collection criteria beginning January 1, 2021
Pregnancies of 20 weeks or more

ANZARD label: N_PRMORE
Admin status: Superseded. Collected from 01/01/2006 to 31/12/2008
Version: 1
Metadata type: Data element
Definition: Previous pregnancies >=20 weeks.
Context: Determining if the female patient has previously had any pregnancies of 20 weeks or more gestation whether by ART or by a different partner.
Data type: Numeric
Field size: Min. 1 Max. 2
Format: N
Data domain: 0=no previous pregnancies>=20  
            3=3 pregnancies >=20  
            Blank=if the record is for donor only
Obligation: Mandatory
Guide for use: Include all known pregnancies of 20 weeks or more in the female partner regardless of whether by ART or by a different partner. In donor oocyte/embryo cycles this field should be left blank for the donor and completed for the recipient.
Related metadata: N/A
Validation rules:
Comments: This item is superseded by PREG_20W in the ANZARD 2.0 database.
Male factor infertility diagnosis

**ANZARD label:** MALE_DIAG  
**Admin status:** Collection from 01/01/2020 to 31/12/2020  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Primary cause of male factor infertility diagnosis.  
**Context:** In the opinion of the treating clinician or ART Unit, the principal cause of male factor infertility. To be completed if male factor infertility is present.  
**Data type:** Number  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:**  
SPERMATOGENIC FAILURE:  
1 = Idiopathic (*unexplained*)  
2 = Genetic – Klinefelter  
3 = Genetic – Y deletion  
4 = Genetic – other aneuploidies, single gene.  
5 = Testis damage - cancer treatment  
6 = Testis damage - other (*incl. past/recent cryptorchidism, vascular, infective, trauma*)  
7 = Gonadotrophin deficiency  

OBSTRUCTION:  
8 = Vasectomy  
9 = Congenital absence of the vas deferens/cystic fibrosis  
10 = Obstructive disorder (*other*)  

ERECTILE & EJACULATORY:  
11 = Erectile dysfunction (*incl. psychosexual*)  
12 = Ejaculatory disorders (*incl. spinal injury, retrograde and anejaculation*)  

**Obligation:** Conditional  
**Guide for use:** This data item applies to the male intending parent only (where PARENT_SEX is female-male couple) in autologous, donation/provision and recipient cycles where CI_MALE=y.  
**Related metadata:** PARENT_SEX, CI_MALE, SP_SOURCE, SP_SITE  
**Validation rules:** If (CI_MALE = y and PARENT_SEX = female-male couple and CYCLE_TYPE=1, 3, 4, 5, 6 or 7) then MALE_DIAG>0 and MALE_DIAG<13  
**Comments:** This version is superseded by version 2.0 for data collection from Jan 1, 2021
Date of intrauterine insemination (IUI)

**ANZARD label:** DI_INSEM  
**Admin status:** Superseded. Collected from 01/01/2006 to 31/12/2008  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Date of intrauterine insemination.  
**Context:**  
**Data type:** Date  
**Field size:** Min. 9 Max. 9  
**Format:** DD-MMM-YY  
**Data domain:** A valid date.  
**Obligation:** Optional  
**Guide for use:** Leave this blank if no intra-uterine insemination was done.  
**Related metadata:**  
**Validation rules:**  
**Comments:** This item is superseded by IUI_DATE in ANZARD 2.0 database.

The person who provided sperm

**ANZARD label:** SP_PERSN  
**Admin status:** Superseded. Collected from 01/01/2006 to 01/01/2009.  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Sperm from which person OR marker of embryo donor or recipient.  
**Context:**  
**Data type:** Character  
**Field size:** Min. 1 Max. 1  
**Format:** C  
**Data domain:**  
- h = husband/partner  
- k = known donor  
- a = anonymous donor  
- e = donated embryo  
**Obligation:** Conditional  
**Guide for use:** Husband/partner (h), known donor (k), anonymous donor (a).  
Embryo received or embryo transferred is a donated embryo (e).  
**Related metadata:**  
**Validation rules:**  
**Comments:** This data item was amended to exclude option “e = donated embryo” and include an option “u = unknown.” The data item is superseded by SP_PERSN version 2 in the ANZARD 2.0 database.
The person who provided sperm

**ANZARD label:** SP_PERSN

**Admin status:** Superseded. Collected from 01/01/2009 to 31/12/2019.

**Version:** 2

**Metadata type:** Data element

**Definition:** The person who provided sperm.

**Context:**

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**

h = husband/partner
k = known donor
a = anonymous donor
u = unknown

**Obligation:** Conditional

**Guide for use:** Sperm provided by husband/partner, known donor, anonymous donor or unknown of the sperm provider.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by SP_SOURCE in the ANZARD 3.0 database.
Site of sperm used

**ANZARD label:** SP_SITE

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Site of sperm used.

**Context:** Indicates the anatomical site of the sperm.

**Data type:** Character

**Field size:** Min. 1 Max. 1

**Format:** C

**Data domain:**
- e = Ejaculate
- t = Testicular
- p = Epidydimal
- o = Other

**Obligation:** Conditional

**Guide for use:** Determine the site from which the sperm was extracted. If the site is not listed, record ‘o.’ If the site of sperm extraction is unknown, record ‘u.’

**Related metadata:** SP_SOURCE

**Validation rules:** If SP_SOURCE!=. then SP_SITE!=.

**Comments:** This data item was updated in the ANZARD 2.0 database to include an additional option “u = Unknown.”
Number of oocytes treated with in-vitro fertilisation (IVF)

ANZARD label: N_INSEM

Admin status: Collection from 01/01/2006 to 31/12/2008

Version: 1

Metadata type: Data element

Definition: Number of eggs treated with IVF.

Context: Cycles where oocytes are collected at OPU and then placed with sperm outside of the body to achieve fertilisation.

Data type: Numeric

Field size: Min. 1 Max. 2

Format: N

Data domain: 0-99

Obligation: Mandatory

Guide for use: Only count eggs that fertilised by IVF. ICSI fertilisation is not included.

0 = no eggs were treated with IVF

Related metadata:

Validation rules:

Comments: This data item’s ANZARD label changed to N_IVF and is superseded by N_IVF data item, introduced in ANZARD 2.0.
Number of cleavage embryos frozen

**ANZARD label:** N_CLFROZ

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of cleavage-stage embryos frozen.

**Context:** Cleavage-stage embryos that are frozen in this cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of cleavage-stage embryos frozen in this cycle.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by the N_CLFZ_S and N_CLFZ_V data items which were introduced into ANZARD 2.0 database.

Number of cleavage embryos thawed

**ANZARD label:** N_CLTHAW

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of cleavage embryos thawed.

**Context:** Cleavage-stage embryos that are thawed for use in the cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of zygotes or cleavage-stage embryos thawed with intention of performing an embryo transfer.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by the N_S_CLTH and N_V_CLTH data items which were introduced into ANZARD 2.0 database.
Number of slow frozen cleavage embryos thawed

**ANZARD label:** N_S_CLTH

**Admin status:** Superseded. Collection from 01/01/2009 to 31/12/2019

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of slow frozen cleavage embryos thawed.

**Context:** Slow frozen cleavage-stage embryos that are thawed for use in the cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of slow frozen cleavage embryos thawed with intention of performing an embryo transfer. For the ANZARD collection, cleavage embryo is simply defined as an embryo one to four days after fertilization.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by N_S_CLTH version 2 in the ANZARD 3.0 database. The data item definition was updated to exclude “with intention of performing an embryo transfer.”
Number of vitrified cleavage embryos warmed

**ANZARD label:** N_V_CLTH

**Admin status:** Superseded. Collection from 01/01/2009 to 31/12/2019

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of vitrified cleavage embryos warmed.

**Context:** Vitrified cleavage-stage embryos that are warmed for use in the cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of vitrified cleavage embryos warmed with intention of performing an embryo transfer. For the ANZARD collection, cleavage embryo is simply defined as an embryo one to four days after fertilization.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by N_V_CLTH version 2 in the ANZARD 3.0 data base. The data item definition was updated to exclude “with intention of performing an embryo transfer.”

Number of blastocysts frozen

**ANZARD label:** N_BLFROZ

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of blastocysts frozen.

**Context:** Blastocysts that are frozen in this cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of blastocysts frozen in this cycle.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by the N_BLFZ_S and N_BLFZ_V data items which were introduced into ANZARD 2.0 database.
Number of blastocysts thawed

<table>
<thead>
<tr>
<th>ANZARD label:</th>
<th>N_BLTHAW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin status:</td>
<td>Superseded. Collection from 01/01/2006 to 31/12/2008</td>
</tr>
<tr>
<td>Version:</td>
<td>1</td>
</tr>
<tr>
<td>Metadata type:</td>
<td>Data element</td>
</tr>
<tr>
<td>Definition:</td>
<td>Number of blastocysts thawed.</td>
</tr>
<tr>
<td>Context:</td>
<td>Blastocysts that are thawed for use in the cycle.</td>
</tr>
<tr>
<td>Data type:</td>
<td>Numeric</td>
</tr>
<tr>
<td>Field size:</td>
<td>Min. 1 Max. 2</td>
</tr>
<tr>
<td>Format:</td>
<td>N</td>
</tr>
<tr>
<td>Data domain:</td>
<td>0-99</td>
</tr>
<tr>
<td>Obligation:</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Guide for use:</td>
<td>Number of blastocysts thawed with intention of performing an embryo transfer.</td>
</tr>
<tr>
<td>Related metadata:</td>
<td></td>
</tr>
<tr>
<td>Validation rules:</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
<td>This data item is superseded by the N_S_BLTH and N_V_BLTH data items which were introduced into ANZARD 2.0 database.</td>
</tr>
</tbody>
</table>

Number of slow frozen blastocysts thawed

<table>
<thead>
<tr>
<th>ANZARD label:</th>
<th>N_S_BLTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin status:</td>
<td>Superseded. Collection from 01/01/2009 to 31/12/2019</td>
</tr>
<tr>
<td>Version:</td>
<td>1</td>
</tr>
<tr>
<td>Metadata type:</td>
<td>Data element</td>
</tr>
<tr>
<td>Definition:</td>
<td>Number of slow frozen blastocysts thawed.</td>
</tr>
<tr>
<td>Context:</td>
<td>Slow frozen blastocysts that are thawed for use in the cycle.</td>
</tr>
<tr>
<td>Data type:</td>
<td>Numeric</td>
</tr>
<tr>
<td>Field size:</td>
<td>Min. 1 Max. 2</td>
</tr>
<tr>
<td>Format:</td>
<td>N</td>
</tr>
<tr>
<td>Data domain:</td>
<td>0-99</td>
</tr>
<tr>
<td>Obligation:</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Guide for use:</td>
<td>Number of slow frozen blastocysts thawed with intention of performing an embryo transfer. For the ANZARD collection, cleavage embryo is simply defined as an embryo five or six days after fertilization.</td>
</tr>
<tr>
<td>Related metadata:</td>
<td></td>
</tr>
<tr>
<td>Validation rules:</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
<td>This data item is superseded by N_S_BLTH version 2 in the ANZARD 3.0 data base. The data item definition was updated to exclude “with intention of performing an embryo transfer.”</td>
</tr>
</tbody>
</table>
Number of vitrified blastocysts warmed

**ANZARD label:** N_V.BLTH

**Admin status:** Superseded. Collection from 01/01/2009 to 31/12/2019

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of vitrified blastocysts warmed.

**Context:** Vitrified blastocysts that are warmed for use in the cycle.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of vitrified blastocysts warmed with intention of performing an embryo transfer. For the ANZARD collection, cleavage embryo is simply defined as an embryo five or six days after fertilization.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by N_V.BLTH version 2 in the ANZARD 3.0 data base. The data item definition was updated to exclude “with intention of performing an embryo transfer.”
Number of early embryos transferred

**ANZARD label:** N_EMB_ET

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of cleavage-stage embryos transferred.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:** 0-9

**Obligation:** Mandatory

**Guide for use:** Number of cleavage-stage embryos transferred.

**Related metadata:**

**Validation rules:**

**Comments:** The ANZARD label for this data item was changed to N_CL_ET and is superseded by N_CL_ET in ANZARD 2.0 database.
Pre-implantation genetic diagnosis (PGD)

**ANZARD label:** PGD

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2019.

**Version:** 1

**Metadata type:** Data element

**Definition:** Pre-implantation genetic diagnosis.

**Context:** PGD involves testing the embryo for a genetic disorder and is performed before the embryo is transferred to the female patient, allowing individuals to decide whether to continue with the intended pregnancy.

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**
- n = No
- y = Yes

**Obligation:** Mandatory

**Guide for use:** Answer yes where preimplantation genetic diagnosis in any form (including aneuploidy screening or sex selection) has been performed on any of the embryos (transferred or not). Otherwise answer no.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded and replaced by the data items N_PGT_ASSAY, N_PGT_TH and N_PGT_ET.
Donor age

**ANZARD label:** DON_AGE

**Admin status:** Collection from 01/01/2006 to 31/12/2019.

**Version:** 1

**Metadata type:** Data element

**Definition:** Age of oocyte/embryo donor.

**Context:** To determine the age of the female patient providing the oocyte(s) or embryo(s) to another patient.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 99 = Unknown

**Obligation:** Conditional

**Guide for use:** Completed years at time of OPU. This item MUST be completed for oocyte donation, oocyte recipient, embryo donation and embryo recipient and surrogacy carrier cycles, otherwise MUST be left blank.

**Related metadata:** N_DONATE, N_EMBDON

**Validation rules:**

**Comments:** This data item’s definition was changed to “age of oocyte/embryo provider” for consistency and is superseded by version 2 of DON_AGE introduced in the ANZARD 3.0 database.
Number of fresh oocytes donated/provided

**ANZARD label:** N_DONATE  
**Admin status:** Collection from 01/01/2006 to 31/12/2019  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of eggs donated.  
**Context:**  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-99  
**Obligation:** Mandatory  
**Guide for use:** The number of eggs donated to someone else (oocyte donation cycle, DON_AGE field must be coded).  
**Related metadata:** DON_AGE  
**Validation rules:**  
**Comments:** This data item’s label was changed to N_EGGDON_FRESH and the definition was modified to “number of fresh oocytes provided/donated” and is superseded by version 2 of N_EGGDON_FRESH in ANZARD 3.0.
Number of fresh oocytes received

**ANZARD label:** N_RECVD

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2019.

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of eggs received

**Context:** Receiving eggs from another patient.

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Number of eggs received from someone else (oocyte recipient cycle, DON_AGE field must be coded). Only record received (fresh or frozen) oocytes using this data item. Do not use N_EGGS, N_S_EGTH or N_V_EGT for oocyte recipient cycles.

**Related metadata:** DON_AGE

**Validation rules:**

**Comments:** This data item's label was changed to N_EGGREC_FRESH and the definition was modified so that it applied to the receipt of fresh oocytes only. It is superseded by version 2 of the N_EGGREC_FRESH data item in ANZARD 3.0.
Number of embryos received from someone else or imported into the unit

**ANZARD label:** emrecimp  
**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008.  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Number of embryos received from someone else or imported into the unit.  
**Context:**  
**Data type:** Numeric  
**Field size:** Min. 1 Max. 2  
**Format:** N  
**Data domain:** 0-99  
**Obligation:** Mandatory  
**Guide for use:** To minimise the number of required fields for data collection, this field serves two purposes:  
1. Records the number of embryos that are to be received from donation (recipient cycle) (field 6 don_age must be coded as donor’s age); and  
2. Records the number of embryos to be imported into the current unit from another unit (embryo import cycle) (field 6 don_age must be blank).  

**Related metadata:**  
**Validation rules:**  
**Comments:** This data item is superseded by the N_EMBIMP and N_EMBREC data items to record number of embryos received and number of embryos imported separately. These data items were introduced in ANZARD 2.0.
Number of embryos received from another patient/couple

**ANZARD label:** N_EMBREC

**Admin status:** Superseded. Collection from 01/01/2009 to 31/12/2019.

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of embryos received from another patient/couple.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Records the number of embryos that a patient/couple received from another patient/couple (embryo recipient cycle), DON_AGE field must be coded. This data item should be >0 for embryo recipient cycles without intention to treat. Otherwise, use N_S_CLTH, N_V_CLTH, N_S_BLTH, N_V_BLTH & THAW_DON.

**Related metadata:** N_EMBDON, DON_AGE

**Validation rules:**

**Comments:** This data item’s label was changed to N_EMBREC_FRESH and the definition was changed to “number of fresh embryos received from another patient.” This data item is superseded by version 3, the N_EMBREC_FRESH data item in ANZARD 3.0.
Number of embryos donated to someone else or exported from the unit of treatment

**ANZARD label:** emdonexp

**Admin status:** Superseded. Collection from 01/01/2006 to 31/12/2008.

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of embryos donated to someone else or exported from the unit of treatment.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** To minimise the number of required fields for data collection, this field serves two purposes:

1. Records the number of embryos that are to be donated to someone else (donor cycle) (field 6 don_age must be coded as donor’s age);

   and

2. Records the number of embryos to be exported from the current unit to another unit (embryo export) (field 6 don_age must be blank).

**Related metadata:**

**Validation rules:**

**Comments:** This data item is superseded by the N_EMBEXP and N_EMBDON data items to record number of embryos donated and number of embryos exported separately. These data items were introduced in ANZARD 2.0.
Number of embryos donated to another patient

**ANZARD label:** N_EMBDON

**Admin status:** Superseded. Collection from 01/01/2009 to 31/12/2019.

**Version:** 2

**Metadata type:** Data element

**Definition:** Number of embryos donated to another patient.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Records the number of embryos that are to be donated to someone else (embryo donation cycle) (DON_AGE field must be coded).

**Related metadata:** N_EMBREC, DON_AGE

**Validation rules:**

**Comments:** This data item’s label was changed to N_EMBDON_FRESH and the definition was changed to “number of fresh embryos provided/donated to another patient.” This data item is superseded by version 3, the N_EMBDON_FRESH data item in ANZARD 3.0.
APPENDIX 2 DISCONTINUED DATA ITEMS

Data items listed in Appendix 2 have been discontinued from ANZARD data collection. Collection start dates and end dates are provided for reference.

Site number

<table>
<thead>
<tr>
<th>ANZARD label:</th>
<th>SITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin status:</td>
<td>Discontinued. Collection from 01/01/2006 to 31/12/2015</td>
</tr>
<tr>
<td>Version:</td>
<td>1</td>
</tr>
<tr>
<td>Metadata type:</td>
<td>Data element</td>
</tr>
<tr>
<td>Definition:</td>
<td>Site ID number supplied by NPESU.</td>
</tr>
<tr>
<td>Context:</td>
<td>Required to accurately identify sites.</td>
</tr>
<tr>
<td>Data type:</td>
<td>Numeric</td>
</tr>
<tr>
<td>Field size:</td>
<td>Min. 3 Max. 3</td>
</tr>
<tr>
<td>Format:</td>
<td>N</td>
</tr>
<tr>
<td>Data domain:</td>
<td>N/A</td>
</tr>
<tr>
<td>Obligation:</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Guide for use:</td>
<td>The site number must be entered for all cycles reported to ANZARD.</td>
</tr>
<tr>
<td>Related metadata:</td>
<td>None.</td>
</tr>
<tr>
<td>Validation rules:</td>
<td>Must be equal to the site number associated with the site user’s portal profile.</td>
</tr>
<tr>
<td>Comments:</td>
<td>Between 01/01/2006 – 31/12/2015, site numbers were only unique within a unit; the unit number and site number were combined to uniquely identify clinics. This practice was discontinued from 01/01/2016 when RTAC began issuing unique site identifiers as part of its accreditation process.</td>
</tr>
</tbody>
</table>
Thawed/warmed embryo originally from oocyte donor or embryo donor

**ANZARD label:** THAW_DON  
**Admin status:** Discontinued. Collection from 01/01/2009 to 31/12/2019  
**Version:** 1  
**Metadata type:** Data element  
**Definition:** Thawed/warmed embryo originally from oocyte donor or embryo donor.  
**Context:**

**Data type:** Character  
**Field size:** Min. 1 Max. 1  
**Format:** C  
**Data domain:**  
| o | donated oocyte  
| e | donated embryo  
**Obligation:** Conditional  
**Guide for use:** If thawed/warmed embryos were originally from donated oocytes, record this field as “o.” If thawed/warmed embryos were donated embryos, record this field as “e.” (DON_AGE field must be coded).  
**Related metadata:** None.  
**Validation rules:**  
**Comments:** This data item was discontinued. The identification of whether embryos were originally from donated oocytes or donated embryos is captured using other data items (CYCLE_TYPE) in ANZARD 3.0.
Pregnancies of 20 weeks or less

<table>
<thead>
<tr>
<th><strong>ANZARD label:</strong></th>
<th>N_PRLESS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Admin status:</strong></td>
<td>Discontinued. Collected from 01/01/2006 to 31/12/2008.</td>
</tr>
<tr>
<td><strong>Version:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Metadata type:</strong></td>
<td>Data element</td>
</tr>
<tr>
<td><strong>Definition:</strong></td>
<td>Previous pregnancies &lt;20 weeks.</td>
</tr>
<tr>
<td><strong>Context:</strong></td>
<td>Determining if the female patient has previously had any pregnancies less than 20 weeks gestation whether by ART or by a different partner.</td>
</tr>
<tr>
<td><strong>Data type:</strong></td>
<td>Numeric</td>
</tr>
<tr>
<td><strong>Field size:</strong></td>
<td>Min. 1 Max. 2</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>N</td>
</tr>
<tr>
<td><strong>Data domain:</strong></td>
<td>0=no previous pregnancies&lt;20  3=3 pregnancies &lt;20  Blank=if the record is for donor only</td>
</tr>
<tr>
<td><strong>Obligation:</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Guide for use:</strong></td>
<td>Include all known pregnancies less than 20 weeks in the female partner regardless of whether by ART or by a different partner. In donor oocyte/embryo cycles this field should be left blank for the donor and completed for the recipient.</td>
</tr>
<tr>
<td><strong>Related metadata:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Validation rules:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Comments:</strong></td>
<td>This item was discontinued and was not included in ANZARD 2.0 database.</td>
</tr>
</tbody>
</table>
Number of eggs imported

**ANZARD label:** N_EGGIMP

**Admin status:** Discontinued. Collected from 01/01/2009 to 31/12/2019.

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of eggs imported.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Records number of oocytes imported into the current unit from another unit.

Movement between different sites of the same unit (three ANZARD Unit code) is not required.

**Related metadata:** N/A

**Validation rules:**

**Comments:** This item was discontinued and is not included in ANZARD 3.0 database.

---

Number of eggs exported

**ANZARD label:** N_EGGEXP

**Admin status:** Discontinued. Collected from 01/01/2009 to 31/12/2019.

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of eggs exported.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Records number of oocytes exported into the current unit from another unit.

Movement between different sites of the same unit (three ANZARD Unit code) is not required.

**Related metadata:** N/A

**Validation rules:**

**Comments:** This item was discontinued and is not included in ANZARD 3.0 database.
Previous Medicare item 13200s

**ANZARD label:** n_13200

**Admin status:** Discontinued. Collected from 01/01/2006 to 31/12/2008

**Version:** 1

**Metadata type:** Data element

**Definition:** Previous Medicare item 13200s.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0=no previous billed Australia Medicare item

99=not known

Blank=NZ unit only.

**Obligation:** Optional

**Guide for use:** The number of previous billed Australian Medicare item 13200. New Zealand units leave this field blank. If unknown of previous Medicare item, put in 99 and explain the reasons in the comment field (field 78).

**Related metadata:**

**Validation rules:**

**Comments:** This data item was discontinued from ANZARD data collection.
Number of potentially usable frozen embryos discarded

**ANZARD label:** N_EMBDISP

**Admin status:** Discontinued. Collected from 01/01/2006 to 31/12/2019

**Version:** 1

**Metadata type:** Data element

**Definition:** Number of potentially usable frozen embryos discarded.

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 2

**Format:** N

**Data domain:** 0-99

**Obligation:** Mandatory

**Guide for use:** Frozen embryos disposed in accordance with patient’s request or Govt. regulations.

**Related metadata:**

**Validation rules:**

**Comments:** This data item is discontinued from ANZARD data collection.
Update

**ANZARD label:** UPDATE

**Admin status:** Discontinued. Collected from 01/01/2006 to 01/01/2009.

**Version:** 1

**Metadata type:** Data element

**Definition:** Indicate the record has been updated

**Context:**

**Data type:** Numeric

**Field size:** Min. 1 Max. 1

**Format:** N

**Data domain:**

**Obligation:** Optional

**Guide for use:** The record is different from the one sent to the NPESU.

1 = updated record

Blank = if no updates for this cycle or this is a new cycle record.

**Related metadata:**

**Validation rules:**

**Comments:** This data item was discontinued from ANZARD data collection.