

ART	assisted reproductive technology
DET	double embryo transfer
GIFT	gamete intrafallopian transfer
ICSI	intracytoplasmic sperm injection
IVF	in vitro fertilisation
OPU	oocyte pick-up
PESA	percutaneous epididymal sperm aspiration
PGD	preimplantation genetic diagnosis
SET	single embryo transfer
..	not applicable
%	percentage
n	number

This document contains the supplementary on-line tables for the Assisted Reproductive Technology in Australia and New Zealand 2020 report. These supplementary tables should be read in conjunction with the report. A copy of the report can be found at the National Perinatal Epidemiology and Statistics Unit website:

<https://npesu.unsw.edu.au/data-collection/australian-new-zealand-assisted-reproduction-database-anzard>

This supplementary report presents information on assisted reproductive technology (ART) treatment cycles undertaken in fertility clinics in Australia and New Zealand in 2020, along with the resulting pregnancy and birth outcomes.

The data presented in these supplementary tables are for autologous cycles, oocyte donation cycles and oocyte/embryo recipient cycles, and does not include information on donor sperm insemination, gamete intrafallopian transfer or surrogacy arrangements. The data reflects treatment cycles and not patients. Therefore, it is possible for an individual woman or couple to undergo more than one treatment cycle in a year and to experience more than one pregnancy. This means that the information reported about patient characteristics, such as age, parity and cause of infertility, is based on calculations in which individuals may be counted more than once.

The rates of clinical pregnancy and live birth are measured per initiated cycle. However, where the number of initiated cycles is not available or not applicable, for example when reporting outcomes from blastocyst or cleavage stage embryos (e.g. Table S5), rates are reported per embryo transfer cycle.

Table S3

Table S5

Table S7: Births by cause of infertility and birth outcome, Australia and New Zealand, 2020

Cause of infertility	Birth outcome					
	Live birth ^(a)		Stillbirth ^(b)		Total ^(c)	
	n	%	n	%	n	%
Tubal disease only	698	99.3	2	0.3	703	100.0

Table S8: Births by gestational age and cause of infertility, Australia and New Zealand, 2020

Gestational age (weeks)	Female factor									
	Tubal disease only	Endometriosis only	Other female factors only	Combined female factors only	Combined female-male factors	Male factor infertility only	Unexplained infertility	Not stated	Non-medical infertility	All causes
37-42	37.9	38.1	37.8	37.7	37.9	38.3	38.1	37.9	38.0	38.0
37-42				n						
37-42	12	14	45	15	23	48	56	2	6	221
37-42	8	6	51							

Table S9: Births by gestational age and maternal age, Australia and New Zealand, 2020

Age group (years)^(a)

Table S11: Births by plurality and maternal age, Australia and New Zealand, 2020

	Age group (years) ^(S)			
Gestation	24	25-29	30-34	35

Table S13: Early pregnancy loss by number of embryos transferred, Australia and New Zealand, 2020

Pregnancy outcome	Number of embryos transferred			All
	One	Two	Three or more	

Table S20: Perinatal mortality of babies by type of death and treatment type and procedure, Australia and New Zealand, 2020

Treatment type	All births	Live births	Stillbirths ^(a)		Neonatal deaths ^(b)		Perinatal deaths ^(a,b)	
			n	Rate ^(c,e)	n	Rate ^(d,f)	n	Rate ^(c,g)
Fresh IVF	2,634	2,607	17	6.5	6	2.3	23	8.7
Fresh ICSI	3,609	3,562	36	10.0	15	4.2	51	14.1
Thaw	11,349	11,224	75	6.6	25	2.2	100	8.8
Oocyte/embryo recipient	778	772	3	3.9	4	5.2	7	9.0
All	18,370	18,165	131	7.1	50	2.8	181	9.9

- (a) Stillbirth is reported by patients to fertility centre staff. These data are not official vital statistics.
(b) Neonatal deaths are reported by patients to fertility centre staff. These data are not official vital statistics.
(c) Stillbirth and perinatal mortality rates were calculated using all births (live births and 181

Table S1: Treatment cycles by cause of infertility, treatment type and procedure, Australia and New Zealand, 2020 2
Table S2: Autologous treatment cycles by cause of infertility and source of sperm, Australia and New Zealand, 2020
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