Assisted reproductive technology in Australia and New Zealand 2013

Supplementary tables

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Abbreviations and symbols

ART	assisted reproductive technology
ICSI	intracytoplasmic sperm injection
IVF	in vitro fertilisation
OPU	oocyte pick-up
PESA	percutaneous epididymal sperm aspiration

Introductory notes

This document contains the supplementary on-line tables for the Assisted reproductive technology in Australia and New Zealand 2013 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:

http://npesu.unsw.edu.au/surveillance/assisted-reproductive-technology-australia-new-zealand-2013

Treatment cycles undertaken in 2013 and resulting pregnancy and birth outcomes

This supplement presents information on assisted reproductive technology (ART) treatment cycles undertaken in fertility clinics in Australia and New Zealand in 2013, along with the resulting pregnancy and birth outcomes.

The data (Tables S1 to S21) presented 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 delivery 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, rates are reported per embryo transfer cycle. Where applicable, percentages in tables have been calculated including the 'Not stated' category in the denominator. Totals and subtotals may not round to 100.0 due to rounding.

Table S1: Treatment cycles by cause of infertility, treatment type and procedure, Australia and New Zealand, 2013

	Autologous					
Cause of infertility	**Fresh IVF**	**Fresh ICSI**	**Fresh other[(a)]**	**Thaw**	**Oocyte/embryo recipient**	**All**
			Number			
Male factor only	1,172	6,914	855	5,493	289	14,723
Female factor	4,674	5,720	1,640	6,602	992	19,628
Tubal disease only	*839*	*666*	*164*	*1,047*	*45*	*2,761*
Endometriosis only	*942*	*892*	*238*	*1,147*	*97*	*3,316*
Other female factor only	*2,216*	*3,623*	*1,063*	*3,633*	*772*	*11,307*
Combined female factor	*677*	*539*	*175*	*775*	*78*	*2,244*
Combined male/female factor	993	4,132	736	3,129	332	9,322
Unexplained	3,929	4,664	1,256	5,424	362	15,635
Not stated	1,319	4,264	816	4,248	330	10,977
All causes	**12,087**	**25,694**	**5,303**	**24,896**	**2,305**	**70,285**
			Per cent			
Male factor only	9.7	26.9	16.1	22.1	12.5	20.9
Female factor	38.7	22.3	30.9	26.5	43.0	27.9
Tubal disease only	6.9	2.6	3.1	4.2	2.0	3.9
Endometriosis only	7.8	3.5	4.5	4.6	4.2	4.7
Other female factor only	18.3	14.1	20.0	14.6	33.5	16.1
Combined female factor	5.6	2.1	3.3	3.1	3.4	3.2
Combined male/female factor	8.2	16.1	13.9	12.6	14.4	13.3
Unexplained	32.5	18.2	23.7	21.8	15.7	22.2
Not stated	10.9	16.6	15.4	17.1	14.3	15.6
All causes	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Fresh other includes cycles in which oocytes were not retrieved, cycles with oocyte retrieval but no fertilisation and cancelled oocyte pick-up (OPU).

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S2: Autologous treatment cycles by cause of infertility and source of sperm, Australia and New Zealand, 2013

	Source of sperm							
	Husband/partner		Donor		Not stated		Total	
Cause of infertility	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Male factor only	12,845	89.0	819	5.7	770	5.3	14,434	100.0
Female factor	15,113	81.1	2,015	10.8	1,508	8.1	18,636	100.0
Tubal disease only	*2,456*	*90.4*	*109*	*4.0*	*151*	*5.6*	*2,716*	*100.0*
Endometriosis only	*2,841*	*88.3*	*154*	*4.8*	*224*	*7.0*	*3,219*	*100.0*
Other female factor only	*7,998*	*75.9*	*1,578*	*15.0*	*959*	*9.1*	*10,535*	*100.0*
Combined female factor	*1,818*	*83.9*	*174*	*8.0*	*174*	*8.0*	*2,166*	*100.0*
Combined male/female factor	8,063	89.7	259	2.9	668	7.4	8,990	100.0
Unexplained	12,604	82.5	1,535	10.1	1,134	7.4	15,273	100.0
Not stated	8,730	82.0	938	8.8	979	9.2	10,647	100.0
All causes	**57,355**	**84.4**	**5,566**	**8.2**	**5,059**	**7.4**	**67,980**	**100.0**

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S3: Outcome of embryo transfer cycles by technique of sperm retrieval, Australia and New Zealand, 2013

Stage/outcome of treatment	Site of sperm extraction				
	Ejaculate	Epididymis[(a)]	Testicular	Other	Not stated
Embryo transfers	51,838	566	2,099	71	352
Clinical pregnancies	16,045	196	632	14	122
Live deliveries[(b)]	12,208	140	506	9	99
Clinical pregnancies per transfer cycle (%)	*31.0*	*34.6*	*30.1*	*19.7*	*34.7*
Live deliveries per transfer cycle (%)	*23.6*	*24.7*	*24.1*	*12.7*	*28.1*

(a) Epididymal sperm is extracted by either open biopsy or percutaneous epididymal sperm aspiration (PESA).

(b) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

Note: Data should be interpreted with caution due to small numbers in certain cells.

Table S4: Embryo transfer cycles by number of embryos transferred, treatment type and procedure, Australia and New Zealand, 2013

Number of embryos	Autologous			Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Thaw		
			Number		
1	7,643	14,537	19,710	1,589	43,479
2	2,076	5,103	3,451	421	11,051
≥ 3	66	273	50	7	396
Total	**9,785**	**19,913**	**23,211**	**2,017**	**54,926**
			Per cent		
1	78.1	73.0	84.9	78.8	79.2
2	21.2	25.6	14.9	20.9	20.1
≥ 3	0.7	1.4	0.2	0.3	0.7
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Note: Data should be interpreted with caution due to small numbers in certain cells.

Table S5: Outcome of embryo transfer cycles by stage of embryo development, Australia and New Zealand, 2013

	Fresh		Thaw		
Stage/outcome of treatment	**Cleavage embryos**	**Blastocysts**	**Thawed and transferred cleavage embryos**	**Thawed cleavage embryos and transferred blastocysts**	**Thawed and transferred blastocysts**
Embryo transfers	14,350	16,064	7,013	1620	15,879
Clinical pregnancies	3,281	6,114	1,318	556	5,740
Live deliveries[(a)]	2,458	4,763	963	436	4,342
Clinical pregnancies per transfer cycle (%)	*22.9*	*38.1*	*18.8*	*34.3*	*36.1*
Live deliveries per transfer cycle (%)	*17.1*	*29.7*	*13.7*	*26.9*	*27.3*

(a) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

Note: Data should be interpreted with caution due to small numbers in certain cells.

Table S6: Clinical pregnancies of less than 20 weeks gestation by cause of infertility and pregnancy outcome, Australia and New Zealand, 2013

	Pregnancy outcome							
	Miscarriage		**Fetal reduction or termination**		**Ectopic/heterotopic pregnancy**		**Total**	
Cause of infertility	**Number**	**Per cent**	**Number**	**Per cent**	**Number**	**Per cent**	**Number**	**Per cent**
Male factor only	675	91.2	27	3.6	38	5.1	740	100.0
Female factor	975	91.3	33	3.1	60	5.6	1,068	100.0
Tubal disease only	*139*	*93.9*	*1*	*0.7*	*8*	*5.4*	*148*	*100.0*
Endometriosis only	*143*	*94.1*	*2*	*1.3*	*7*	*4.6*	*152*	*100.0*
Other female factor only	*584*	*91.0*	*22*	*3.4*	*36*	*5.6*	*642*	*100.0*
Combined female factor	*109*	*86.5*	*8*	*6.3*	*9*	*7.1*	*126*	*100.0*
Combined male/female factor	456	92.9	14	2.9	21	4.3	491	100.0
Unexplained	702	91.8	31	4.1	32	4.2	765	100.0
Not stated	461	91.3	1	0.2	43	8.5	505	100.0
All causes	**3,269**	**91.6**	**106**	**3.0**	**194**	**5.4**	**3,569**	**100.0**

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S7: Deliveries by cause of infertility and delivery outcome, Australia and New Zealand, 2013

	Delivery outcome					
	Live delivery[(a)]		Stillbirth (fetal death)[(b)]		Total[(c)]	
Cause of infertility	**Number**	**Per cent**	**Number**	**Per cent**	**Number**	**Per cent**
Male factor only	2,964	98.7	22	0.7	3,004	100.0
Female factor	3,606	98.6	41	1.1	3,658	100.0
Tubal disease only	*510*	*98.1*	*7*	*1.3*	*520*	*100.0*
Endometriosis only	*678*	*99.1*	*4*	*0.6*	*684*	*100.0*
Other female factor only	*2,018*	*98.6*	*24*	*1.2*	*2,047*	*100.0*
Combined female factor	*400*	*98.3*	*6*	*1.5*	*407*	*100.0*
Combined male/female factor	1,821	98.5	15	0.8	1,848	100.0
Unexplained	2,866	98.3	24	0.8	2,915	100.0
Not stated	1,705	98.4	13	0.8	1,732	100.0
All causes	**12,962**	**98.5**	**115**	**0.9**	**13,157**	**100.0**

(a) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

(b) A stillbirth (fetal death) is the birth of an infant after 20 or more weeks gestation or 400 grams or more birthweight that shows no signs of life. Stillbirths (fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

(c) Total includes deliveries where birth outcome was unknown.

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S8: Deliveries by gestational age and cause of infertility, Australia and New Zealand, 2013

Gestational age (weeks)	Male factor only	Female factor				Combined male/female factor	Un-explained	Not stated	All causes
		Tubal disease only	Endom-etriosis only	Other female factor only	Combined female factor				
Mean (weeks)	*38.2*	*38.0*	*38.1*	*37.9*	*37.9*	*38.1*	*38.1*	*38.2*	*38.1*
					Number				
≤ 27	33	9	10	33	6	26	41	24	155
28–31	36	6	10	31	7	24	35	18	167
32–36	326	56	63	241	55	208	208	312	193
≥ 37	2,609	449	601	1,742	339	1,590	2,527	1,497	11,354
Total	**3,004**	**520**	**684**	**2,047**	**407**	**1,848**	**2,915**	**1,732**	**13,157**
≤ *36*[(a)]	395	71	83	305	68	258	388	235	1,803
					Per cent				
<27	1.1	1.7	1.5	1.6	1.5	1.4	1.4	1.4	1.2
28–31	1.2	1.2	1.5	1.5	1.7	1.3	1.2	1.0	1.3
32–36	10.9	10.8	9.2	11.8	13.5	11.3	7.1	18.0	1.5
≥ 37	86.9	86.3	87.9	85.1	83.3	86.0	86.7	86.4	86.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
≤ *36*[(a)]	13.1	13.7	12.1	14.9	16.7	14.0	13.3	13.6	13.7

(a) A gestation of less than 37 weeks (≤ 36) is defined as a preterm delivery.

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S9: Deliveries by gestational age and maternal age, Australia and New Zealand, 2013

Gestational age (weeks)	Age group (years)[a]						
	≤ 24	25–29	30–34	35–39	40–44	≥ 45	Total
Mean (weeks)	*37.7*	*38.1*	*38.2*	*38.1*	*38.0*	*37.5*	*38.1*
				Number			
≤ 27	5	26	51	79	17	4	182
28–31	2	26	56	55	25	3	167
32–36	19	150	493	544	225	23	1,454
≥ 37	101	1,237	3,875	4,311	1,678	152	11,354
Total	**127**	**1,439**	**4,475**	**4,989**	**1,945**	**182**	**13,157**
≤ 36[b]	*26*	*202*	*600*	*678*	*267*	*30*	*1,803*
				Per cent			
≤ 27	3.9	1.8	1.1	1.6	0.9	2.2	1.4
28–31	1.6	1.8	1.3	1.1	1.3	1.6	1.3
32–36	15.0	10.4	11.0	10.9	11.6	12.6	11.1
≥ 37	79.5	86.0	86.6	86.4	86.3	83.5	86.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
≤ 36[b]	20.5	14.0	13.4	13.6	13.7	16.5	13.7

(a) Age at time of delivery.

(b) A gestation of less than 37 weeks (≤ 36) is defined as a preterm delivery.

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S10: Early pregnancy loss and maternal age, Australia and New Zealand, 2013

Pregnancy outcome	Age group (years)[a]						
	≤ 24	25–29	30–34	35–39	40–44	≥ 45	Total
				Number			
Miscarriage	20	267	860	1,252	810	60	3,269
Termination or fetal reduction	2	6	22	36	38	2	106
Ectopic or heterotopic pregnancy	2	20	66	72	31	3	194
Total	**24**	**293**	**948**	**1,360**	**879**	**65**	**3,569**
				Per cent			
Miscarriage	83.3	91.1	90.7	92.1	92.2	92.3	91.6
Termination or fetal reduction	8.3	2.0	2.3	2.6	4.3	3.1	3.0
Ectopic or heterotopic pregnancy	8.3	6.8	7.0	5.3	3.5	4.6	5.4
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Age at end of pregnancy.

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S11: Deliveries by plurality and maternal age, Australia and New Zealand, 2013

	Age group (years)[a]						
Gestation	**≤ 24**	**25–29**	**30–34**	**35–39**	**40–44**	**≥ 45**	**Total**
				Number			
Singleton	116	1,357	4,231	4,703	1,844	174	12,425
Twin	11	80	240	280	100	8	719
High order multiple	0	2	4	6	1	0	13
Total	**127**	**1,439**	**4,475**	**4,989**	**1,945**	**182**	**13,157**
				Per cent			
Singleton	91.3	94.3	94.5	94.3	94.8	95.6	94.4
Twin	8.7	5.6	5.4	5.6	5.1	4.4	5.5
High order multiple	0.0	0.1	0.1	0.1	0.1	0.0	0.1
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Age at time of delivery.

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S12: Delivery outcomes by maternal age, Australia and New Zealand, 2013

	Age group (years)[a]						
Delivery outcome	**≤ 24**	**25–29**	**30–34**	**35–39**	**40–44**	**≥ 45**	**Total**
				Number			
Live birth[b]	124	1,407	4,419	4,914	1,919	179	12,962
Stillbirth (fetal death)[c]	2	24	32	42	13	2	115
Not stated	1	8	24	33	13	1	80
Total	**127**	**1,439**	**4,475**	**4,989**	**1,945**	**182**	**13,157**
				Per cent			
Live birth[b]	97.6	97.8	98.7	98.5	98.7	98.4	98.5
Fetal death[c]	1.6	1.7	0.7	0.8	0.7	1.1	0.9
Not stated	0.8	0.6	0.5	0.7	0.7	0.5	0.6
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

(a) Age at time of delivery.

(b) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

(c) A stillbirth (fetal death) is the birth of an infant after 20 or more weeks gestation or 400 grams or more birthweight that shows no signs of life. Stillbirths (fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S13: Early pregnancy loss by number of embryos transferred, Australia and New Zealand, 2013

	Number of embryos transferred			
Pregnancy outcome	**One**	**Two**	**Three or more**	**All**
		Number		
Miscarriage	2,518	717	34	3,269
Fetal reduction or termination	88	18	0	106
Ectopic or heterotopic pregnancy	137	53	4	194
Total	**2,743**	**788**	**38**	**3,569**
		Per cent		
Miscarriage	91.8	91.0	89.5	91.6
Fetal reduction or termination	3.2	2.3	0.0	3.0
Ectopic or heterotopic pregnancy	5.0	6.7	10.5	5.4
Total	**100.0**	**100.0**	**100.0**	**100.0**

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S14: Deliveries by delivery outcome and number of embryos transferred, Australia and New Zealand, 2013

	Number of embryos transferred			
Delivery outcome	**One**	**Two**	**Three or more**	**All**
		Number		
Live delivery[(a)]	10,686	2,232	44	12,962
Stillbirth (fetal death)[(b)]	91	23	1	115
Not stated	66	14	0	80
Total	**10,843**	**2,269**	**45**	**13,157**
		Per cent		
Live delivery[(a)]	98.6	98.4	97.8	98.5
Stillbirth (fetal death)[(b)]	0.8	1.0	2.2	0.9
Not stated	0.6	0.6	0.0	0.6
Total	**100.0**	**100.0**	**100.0**	**100.0**

(a) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

(b) A stillbirth (fetal death) is the birth of an infant after 20 or more weeks gestation or 400 grams or more birthweight that shows no signs of life. Stillbirths (fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S15: Deliveries by gestational age and number of embryos transferred, Australia and New Zealand, 2013

	Number of embryos transferred			
Gestational age (weeks)	**1**	**2**	**≥ 3**	**All**
Mean (weeks)	*38.2*	*37.4*	*37.4*	*38.1*
		Number		
≤ 27	141	41	0	182
28–31	114	52	1	167
32–36	1,000	440	14	1,454
≥ 37	9,588	1,736	30	11,354
Total	**10,843**	**2,269**	**44**	**13,156**
≤ 36[(a)]	*1,255*	*533*	*15*	*1,803*
		Per cent		
≤ 27	1.3	1.8	0.0	1.4
28–31	1.1	2.3	2.3	1.3
32–36	9.2	19.4	31.8	11.1
≥ 37	88.4	76.5	68.2	86.3
Total	**100.0**	**100.0**	**100.0**	**100.0**
≤ 36[(a)]	*11.6*	*23.5*	*34.1*	*13.7*

(a) A gestation of less than 37 weeks (≤ 36) is defined as preterm.

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S16: Deliveries by plurality, treatment type and procedure, Australia and New Zealand, 2013

	Autologous				
Gestation	**Fresh IVF**	**Fresh ICSI**	**Thaw**	**Oocyte/embryo recipient**	**All**
			Number		
Singleton	2,453	4,264	5,271	437	12,425
Twin	132	278	279	30	719
Higher order multiple	2	6	5	0	13
Total	**2,587**	**4,548**	**5,555**	**467**	**13,157**
			Per cent		
Singleton	94.8	93.8	94.9	93.6	94.4
Twin	5.1	6.1	5.0	6.4	5.5
Higher order multiple	0.1	0.1	0.1	0.0	0.1
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S17: Gestational age of babies by birth outcomes, Australia and New Zealand, 2013

	Live delivery[a]		Stillbirth (fetal death)[b]		Total[c]	
Gestational age (weeks)	**Number**	**Per cent**	**Number**	**Per cent**	**Number**	**Per cent**
Mean (weeks)	*38.1*		*26.9*		*35.3*	
≤ *27*	109	0.8	85	61.6	213	1.5
28–31	210	1.5	10	7.2	221	1.6
32–36	1,855	13.6	22	15.9	1,877	13.5
≥ 37	11,505	84.1	21	15.2	11,591	83.4
Total[d]	**13,679**	**100.0**	**138**	**100.0**	**13,902**	**100.0**
≤ *36[e]*	*2,174*	15.9	*117*	84.8	*2,311*	16.6

(a) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

(b) A stillbirth (fetal death) is the birth of an infant after 20 or more weeks gestation or 400 grams or more birthweight that shows no signs of life. Stillbirths (fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

(c) Total includes babies where birth outcome was unknown.

(d) Total includes babies where gestational age was unknown.

(e) A gestation of less than 37 weeks (≤ 36) is defined as preterm.

Note: Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S18: Birthweight of babies by birth outcomes, Australia and New Zealand, 2013

	Live delivery[a]		Stillbirth (fetal death)[b]		Total[c]	
Birthweight (grams)	**Number**	**Per cent**	**Number**	**Per cent**	**Number**	**Per cent**
Mean (grams)	*3,215*		*1,324*		*3,204*	
< 1,000	92	0.7	47	34.1	139	1.0
1,000–1,499	156	1.1	7	5.1	163	1.2
1,500–1,999	416	3.0	3	2.2	419	3.0
2,000–2,499	987	7.2	5	3.6	992	7.1
2,500–2,999	2,419	17.7	12	8.7	2,431	17.5
3,000–3,499	4,705	34.4	8	5.8	4,715	33.9
3,500–3,999	3,430	25.1	2	1.4	3,432	24.7
≥ 4,000	1,289	9.4	0	0.0	1,289	9.3
Not stated	185	1.4	54	39.1	322	2.3
Total	**13,679**	**100.0**	**138**	**100.0**	**13,902**	**100.0**
< *2,500[d]*	*1,651*	12.1	*62*	44.9	*1,713*	12.3

(a) A live delivery is the delivery of one or more liveborn infants, with the birth of twins or higher order multiples counted as one live delivery.

(b) A stillbirth (fetal death) is the birth of an infant after 20 or more weeks gestation or 400 grams or more birthweight that shows no signs of life. Stillbirths (fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

(c) Total includes babies where birth outcome was unknown.

(d) A birthweight of less than 2,500 grams is defined as low birthweight.

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S19: Birthweight of liveborn babies by treatment type and procedure, Australia and New Zealand, 2013

Birthweight (grams)	Autologous			Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Thaw		
Mean	*3,161*	*3,156*	*3,300*	*3,103*	*3,215*
			Number		
< 1,000	16	38	30	8	92
1,000–1,499	33	72	46	5	156
1,500–1,999	83	163	151	19	416
2,000–2,499	201	410	337	39	987
2,500–2,999	531	907	876	105	2,419
3,000–3,499	980	1,641	1,911	173	4,705
3,500–3,999	606	1,090	1,641	93	3,430
≥ 4,000	194	378	679	38	1,289
Not stated	33	62	80	10	185
Total	**2,677**	**4,761**	**5,751**	**490**	**13,679**
< 2,500[(a)]	*333*	*683*	*564*	*71*	*1,651*
			Per cent		
< 1,000	0.6	0.8	0.5	1.6	0.7
1,000–1,499	1.2	1.5	0.8	1.0	1.1
1,500–1,999	3.1	3.4	2.6	3.9	3.0
2,000–2,499	7.5	8.6	5.9	8.0	7.2
2,500–2,999	19.8	19.1	15.2	21.4	17.7
3,000–3,499	36.6	34.5	33.2	35.3	34.4
3,500–3,999	22.6	22.9	28.5	19.0	25.1
≥ 4,000	7.2	7.9	11.8	7.8	9.4
Not stated	1.2	1.3	1.4	2.0	1.4
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
< 2,500[(a)]	12.4	14.3	9.8	14.5	12.1

(a) A birthweight of less than 2,500 grams is defined as low birthweight.

Note: Percentages in the table were calculated including the 'Not stated' category in the denominator. Totals and subtotals may not equal 100.0 due to rounding. Data should be interpreted with caution due to small numbers in certain cells.

Table S20: Perinatal mortality of babies by type of death and treatment type and procedure, Australia and New Zealand, 2013

Perinatal deaths[a]	Autologous			Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Thaw		
Live births[b]	2,677	4,761	5,751	490	13,679
Stillbirths (fetal deaths)	30	53	48	7	138
Neonatal death	10	15	9	1	35
Perinatal deaths[a]	40	68	57	8	173
Total[c]	**2,723**	**4,838**	**5,844**	**497**	**13,902**
Stillbirths (fetal deaths) per 1,000 births[d]	*11.0*	*11.0*	*8.2*	*14.1*	*9.9*
Neonatal deaths per 1,000 live births[e]	*3.7*	*3.1*	*1.5*	*2.0*	*2.5*
Perinatal deaths per 1,000 births[a]	*14.7*	*14.1*	*9.8*	*16.1*	*12.4*

(a) Perinatal deaths (neonatal deaths and fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

(b) Live births include neonatal deaths.

(c) Includes cycles where pregnancy outcome was unknown.

(d) Stillbirths (fetal deaths) and perinatal death rates were calculated using all births (live births and fetal deaths) as the denominator.

(e) Neonatal death rates were calculated using all live births as the denominator.

Note: The birth status was not available for 85 babies: 16 following fresh IVF, 24 following fresh ICSI and 45 following thaw. Data should be interpreted with caution due to small numbers in certain cells.

Table S21: Perinatal mortality of babies by type of death and maternal age, Australia and New Zealand, 2013

Perinatal deaths[b]	Age group (years)[a]						
	≤ 24	25–29	30–34	35–39	40–44	≥ 45	Total
Live births[c]	135	1,484	4,658	5,198	2,017	187	13,679
Stillbirths (fetal deaths)[d]	2	31	39	47	17	2	138
Neonatal death	0	1	12	17	5	0	35
Perinatal deaths[b]	2	32	51	64	22	2	173
Total[e]	**138**	**1,523**	**4,723**	**5,281**	**2,047**	**190**	**13,902**
Stillbirths (fetal deaths) per 1,000 births[d]	*14.5*	*20.4*	*8.3*	*8.9*	*8.3*	*10.5*	*9.9*
Neonatal deaths per 1,000 live births[f]	*0.0*	*0.7*	*2.5*	*3.2*	*2.4*	*0.0*	*2.5*
Perinatal deaths per 1,000 births[d]	*14.5*	*21.0*	*10.8*	*12.1*	*10.7*	*10.5*	*12.4*

(a) Age at time of delivery.

(b) Perinatal deaths (neonatal deaths and fetal deaths) are reported by patients to fertility centre staff. These data are not official vital statistics.

(c) Includes neonatal deaths

(d) Stillbirths (fetal deaths) and perinatal deaths rates were calculated using all births (live births and fetal deaths) as the denominator.

(e) Neonatal death rates were calculated using all live births as the denominator.

Note: The birth status was not reported for 85 babies: 1 from women aged ≤ 24, 8 from women aged 25–29 years, 26 from women aged 30–34 years, 36 form women aged 35–39 years, 13 from women aged 40–44 years and 1 from women aged 45 years and over. Data should be interpreted with caution due to the small numbers in certain cells.

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