Assisted reproductive technology in Australia and New Zealand 2012

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 2012 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/sites/default/files/npesu/data_collection/Assisted%20reproductive%20technology%20in%20Australia%20and%20New%20Zealand%202012.pdf

Treatment cycles undertaken in 2012 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 2012, 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, 2012

Cause of infertility	Autologous				Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Fresh other[(a)]	Thaw		
			Number			
Male factor only	782	7,840	927	5,649	236	15,434
Female factor	5,363	5,114	1,651	6,528	991	19,647
Tubal disease only	*891*	*550*	*181*	*1,055*	*61*	*2,738*
Endometriosis only	*901*	*799*	*234*	*1,128*	*81*	*3,143*
Other female factor only	*2,720*	*3,289*	*1,032*	*3,494*	*775*	*11,310*
Combined female factor	*851*	*476*	*204*	*851*	*74*	*2,456*
Combined male/female factor	725	4,691	718	3,004	369	9,507
Unexplained	3,726	3,981	1,046	5,209	336	14,298
Not stated	1,268	3,781	686	4,021	297	10,053
All causes	**11,864**	**25,407**	**5,028**	**24,411**	**2,229**	**68,939**
			Per cent			
Male factor only	6.6	30.9	18.4	23.1	10.6	22.4
Female factor	45.2	20.1	32.8	26.7	44.5	28.5
Tubal disease only	*7.5*	*2.2*	*3.6*	*4.3*	*2.7*	*4.0*
Endometriosis only	*7.6*	*3.1*	*4.7*	*4.6*	*3.6*	*4.6*
Other female factor only	*22.9*	*12.9*	*20.5*	*14.3*	*34.8*	*16.4*
Combined female factor	*7.2*	*1.9*	*4.1*	*3.5*	*3.3*	*3.6*
Combined male/female factor	6.1	18.5	14.3	12.3	16.6	13.8
Unexplained	31.4	15.7	20.8	21.3	15.1	20.7
Not stated	10.7	14.9	13.6	16.5	13.3	14.6
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, 2012

	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	13,442	88.4	899	5.9	857	5.6	15,198	100.0
Female factor	15,277	81.9	1,851	9.9	1,528	8.2	18,656	100.0
Tubal disease only	*2,422*	*90.5*	*71*	*2.7*	*184*	*6.9*	*2,677*	*100.0*
Endometriosis only	*2,741*	*89.5*	*100*	*3.3*	*221*	*7.2*	*3,062*	*100.0*
Other female factor only	*8,040*	*76.3*	*1,562*	*14.8*	*933*	*8.9*	*10,535*	*100.0*
Combined female factor	*2,074*	*87.1*	*118*	*5.0*	*190*	*8.0*	*2,382*	*100.0*
Combined male/female factor	8,218	89.9	297	3.3	623	6.8	9,138	100.0
Unexplained	11,517	82.5	1,459	10.4	986	7.1	13,962	100.0
Not stated	8,050	82.5	897	9.2	809	8.3	9,756	100.0
All causes	**56,504**	**84.7**	**5,403**	**8.1**	**4,803**	**7.2**	**66,710**	**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, 2012

	Site of sperm extraction				
Stage/outcome of treatment	**Ejaculate**	**Epididymis[a]**	**Testicular**	**Other**	**Not stated**
Embryo transfers	52,298	772	2,024	60	466
Clinical pregnancies	15,667	238	633	16	132
Live deliveries[b]	11,737	166	487	14	97
Clinical pregnancies per transfer cycle (%)	*30.0*	*30.8*	*31.3*	*26.7*	*28.3*
Live deliveries per transfer cycle (%)	*22.4*	*21.5*	*24.1*	*23.3*	*20.8*

(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, 2012

Number of embryos	**Autologous**			**Oocyte/embryo recipient**	**All**
	Fresh IVF	**Fresh ICSI**	**Thaw**		
			Number		
1	7,566	14,654	18,711	1,487	42,418
2	2,356	6,164	3,786	511	12,817
≥ 3	61	255	61	8	385
Total	**9,983**	**21,073**	**22,558**	**2,006**	**55,620**
			Per cent		
1	75.8	69.5	82.9	74.1	76.3
2	23.6	29.3	16.8	25.5	23.0
≥ 3	0.6	1.2	0.3	0.4	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, 2012

	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	14,650	17,165	7,692	1562	14,551
Clinical pregnancies	3,399	6,265	1,616	535	4,871
Live deliveries[(a)]	2,466	4,804	1,202	407	3,622
Clinical pregnancies per transfer cycle (%)	*23.2*	*36.5*	*21.0*	*34.3*	*33.5*
Live deliveries per transfer cycle (%)	*16.8*	*28.0*	*15.6*	*26.1*	*24.9*

(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, 2012

	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	758	92.6	23	2.8	38	4.6	819	100.0
Female factor	995	91.0	37	3.4	61	5.6	1,093	100.0
Tubal disease only	*143*	*94.1*	*3*	*2.0*	*6*	*3.9*	*152*	*100.0*
Endometriosis only	*172*	*90.1*	*7*	*3.7*	*12*	*6.3*	*191*	*100.0*
Other female factor only	*569*	*90.7*	*25*	*4.0*	*33*	*5.3*	*627*	*100.0*
Combined female factor	*111*	*90.2*	*2*	*1.6*	*10*	*8.1*	*123*	*100.0*
Combined male/female factor	540	92.8	19	3.3	23	4.0	582	100.0
Unexplained	683	92.2	26	3.5	32	4.3	741	100.0
Not stated	403	87.8	0	0.0	56	12.2	459	100.0
All causes	**3,379**	**91.5**	**105**	**2.8**	**210**	**5.7**	**3,694**	**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, 2012

	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	3,119	98.6	18	0.6	3,163	100.0
Female factor	3,508	98.5	35	1.0	3,562	100.0
Tubal disease only	*526*	*98.1*	*5*	*0.9*	*536*	*100.0*
Endometriosis only	*616*	*98.6*	*8*	*1.3*	*625*	*100.0*
Other female factor only	*1,951*	*98.5*	*17*	*0.9*	*1,980*	*100.0*
Combined female factor	*415*	*98.6*	*5*	*1.2*	*421*	*100.0*
Combined male/female factor	1,814	98.1	20	1.1	1,849	100.0
Unexplained	2,535	98.1	32	1.2	2,585	100.0
Not stated	1,525	97.4	16	1.0	1,566	100.0
All causes	**12,501**	**98.2**	**121**	**1.0**	**12,725**	**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, 2012

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)	*38.3*	*37.9*	*38.1*	*38.0*	*38.0*	*38.1*	*38.1*	*38.3*	*38.1*
					Number				
≤ 27	28	10	9	33	8	33	44	23	188
28–31	40	5	8	29	6	26	34	16	164
32–36	293	64	75	222	51	196	298	172	1,371
≥ 37	2,802	457	533	1,696	356	1,594	2,209	1,355	11,002
Total	**3,163**	**536**	**625**	**1,980**	**421**	**1,849**	**2,585**	**1,566**	**12,725**
≤ *36*[(a)]	361	79	92	284	65	255	376	211	1,723
					Per cent				
<27	0.9	1.9	1.4	1.7	1.9	1.8	1.7	1.5	1.5
28–31	1.3	0.9	1.3	1.5	1.4	1.4	1.3	1.0	1.3
32–36	9.3	11.9	12.0	11.2	12.1	10.6	11.5	11.0	10.8
≥ 37	88.6	85.3	85.3	85.7	84.6	86.2	85.5	86.5	86.5
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
≤ *36*[(a)]	11.4	14.7	14.7	14.3	15.4	13.8	14.5	13.5	13.5

(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, 2012

Gestational age (weeks)	Age group (years)[a]						
	≤ 24	25–29	30–34	35–39	40–44	≥ 45	Total
Mean (weeks)	37.9	38.2	38.3	38.1	37.9	37.5	38.1
				Number			
≤ 27	4	25	65	65	26	3	188
28–31	2	19	43	65	33	2	164
32–36	8	166	422	535	222	18	1,371
≥ 37	90	1,202	3,763	4,211	1,606	130	11,002
Total	**104**	**1,412**	**4,293**	**4,876**	**1,887**	**153**	**12,725**
≤ 36[b]	14	210	530	665	281	23	1,723
				Per cent			
≤ 27	3.8	1.8	1.5	1.3	1.4	2.0	1.5
28–31	1.9	1.3	1.0	1.3	1.7	1.3	1.3
32–36	7.7	11.8	9.8	11.0	11.8	11.8	10.8
≥ 37	86.5	85.1	87.7	86.4	85.1	85.0	86.5
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
≤ 36[b]	13.5	14.9	12.3	13.6	14.9	15.0	13.5

(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, 2012

Pregnancy outcome	Age group (years)[a]						
	≤ 24	25–29	30–34	35–39	40–44	≥ 45	Total
				Number			
Miscarriage	23	282	846	1,322	838	68	3,379
Termination or fetal reduction	0	2	22	49	31	1	105
Ectopic or heterotopic pregnancy	4	18	65	80	38	5	210
Total	**27**	**302**	**933**	**1,451**	**907**	**74**	**3,694**
				Per cent			
Miscarriage	85.2	93.4	90.7	91.1	92.4	91.9	91.5
Termination or fetal reduction	0.0	0.7	2.4	3.4	3.4	1.4	2.8
Ectopic or heterotopic pregnancy	14.8	6.0	7.0	5.5	4.2	6.8	5.7
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, 2012

	Age group (years)[a]						
Gestation	**≤ 24**	**25–29**	**30–34**	**35–39**	**40–44**	**≥ 45**	**Total**
				Number			
Singleton	99	1,311	4,058	4,536	1,751	144	11,899
Twin	4	98	232	332	133	8	807
High order multiple	1	3	3	8	3	1	19
Total	**104**	**1,412**	**4,293**	**4,876**	**1,887**	**153**	**12,725**
				Per cent			
Singleton	95.2	92.8	94.5	93.0	92.8	94.1	93.5
Twin	3.8	6.9	5.4	6.8	7.0	5.2	6.3
High order multiple	1.0	0.2	0.1	0.2	0.2	0.7	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, 2012

	Age group (years)[a]						
Delivery outcome	**≤ 24**	**25–29**	**30–34**	**35–39**	**40–44**	**≥ 45**	**Total**
				Number			
Live birth[b]	101	1,383	4,213	4,804	1,848	152	12,501
Stillbirth (fetal death)[c]	1	11	44	41	23	1	121
Not stated	2	18	36	31	16	0	103
Total	**104**	**1,412**	**4,293**	**4,876**	**1,887**	**153**	**12,725**
				Per cent			
Live birth[b]	97.1	97.9	98.1	98.5	97.9	99.3	98.2
Fetal death[c]	1.0	0.8	1.0	0.8	1.2	0.7	1.0
Not stated	1.9	1.3	0.8	0.6	0.8	0.0	0.8
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, 2012

	Number of embryos transferred			
Pregnancy outcome	**One**	**Two**	**Three or more**	**All**
		Number		
Miscarriage	2,467	878	34	3,379
Fetal reduction or termination	86	18	1	105
Ectopic or heterotopic pregnancy	147	61	2	210
Total	**2,700**	**957**	**37**	**3,694**
		Per cent		
Miscarriage	91.4	91.7	91.9	91.5
Fetal reduction or termination	3.2	1.9	2.7	2.8
Ectopic or heterotopic pregnancy	5.4	6.4	5.4	5.7
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, 2012

	Number of embryos transferred			
Delivery outcome	**One**	**Two**	**Three or more**	**All**
		Number		
Live delivery[(a)]	9,899	2,561	41	12,501
Stillbirth (fetal death)[(b)]	82	39	0	121
Not stated	86	17	0	103
Total	**10,067**	**2,617**	**41**	**12,725**
		Per cent		
Live delivery[(a)]	98.3	97.9	100.0	98.2
Stillbirth (fetal death)[(b)]	0.8	1.5	0.0	1.0
Not stated	0.9	0.6	0.0	0.8
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, 2012

	Number of embryos transferred			
Gestational age (weeks)	**1**	**2**	**≥ 3**	**All**
Mean (weeks)	38.3	37.4	37.4	38.1
		Number		
≤ 27	131	57	0	188
28–31	101	62	1	164
32–36	857	507	7	1,371
≥ 37	8,978	1,991	33	11,002
Total	**10,067**	**2,617**	**41**	**12,725**
≤ 36[(a)]	1,089	626	8	1,723
		Per cent		
≤ 27	1.3	2.2	0.0	1.5
28–31	1.0	2.4	2.4	1.3
32–36	8.5	19.4	17.1	10.8
≥ 37	89.2	76.1	80.5	86.5
Total	**100.0**	**100.0**	**100.0**	**100.0**
≤ 36[(a)]	10.8	23.9	19.5	13.5

(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, 2012

	Autologous				
Gestation	**Fresh IVF**	**Fresh ICSI**	**Thaw**	**Oocyte/embryo recipient**	**All**
			Number		
Singleton	2,435	4,266	4,813	385	11,899
Twin	127	328	306	46	807
Higher order multiple	4	7	8	0	19
Total	**2,566**	**4,601**	**5,127**	**431**	**12,725**
			Per cent		
Singleton	94.9	92.7	93.9	89.3	93.5
Twin	4.9	7.1	6.0	10.7	6.3
Higher order multiple	0.2	0.2	0.2	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, 2012

	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		26.2		37.9	
≤ 27	119	0.9	103	67.3	231	1.7
28–31	212	1.6	14	9.2	227	1.7
32–36	1,826	13.7	14	9.2	1,852	13.6
≥ 37	11,135	83.8	22	14.4	11,260	83.0
Total[d]	**13,292**	**100.0**	**153**	**100.0**	**13,570**	**100.0**
≤ 36[e]	2,157	16.2	131	85.6	2,310	17.0

(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 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, 2012

	Live delivery[a]		Stillbirth (fetal death)[b]		Total[c]	
Birthweight (grams)	**Number**	**Per cent**	**Number**	**Per cent**	**Number**	**Per cent**
Mean (grams)	3,210		1,112		3,195	
< 1,000	118	0.9	61	39.9	179	1.3
1,000–1,499	184	1.4	6	3.9	191	1.4
1,500–1,999	353	2.7	4	2.6	363	2.7
2,000–2,499	1,037	7.8	4	2.6	1,049	7.7
2,500–2,999	2,259	17.0	5	3.3	2,274	16.8
3,000–3,499	4,474	33.7	7	4.6	4,507	33.2
3,500–3,999	3,371	25.4	4	2.6	3,390	25.0
≥ 4,000	1,257	9.5	1	0.7	1,265	9.3
Not stated	239	1.8	61	39.9	352	2.6
Total	**13,292**	**100.0**	**153**	**100.0**	**13,570**	**100.0**
< 2,500[d]	1,692	12.7	75	49.0	1,782	13.1

(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, 2012

Birthweight (grams)	Autologous			Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Thaw		
Mean	3,179	3,155	3,285	3,107	3,210
			Number		
< 1,000	25	47	39	7	118
1,000–1,499	33	86	59	6	184
1,500–1,999	71	145	117	20	353
2,000–2,499	207	410	359	61	1,037
2,500–2,999	481	874	830	74	2,259
3,000–3,499	936	1,703	1,683	152	4,474
3,500–3,999	635	1,162	1,469	105	3,371
≥ 4,000	204	368	643	42	1,257
Not stated	53	83	100	3	239
Total	**2,645**	**4,878**	**5,299**	**470**	**13,292**
< 2,500[(a)]	336	688	574	94	1,692
			Per cent		
< 1,000	0.9	1.0	0.7	1.5	0.9
1,000–1,499	1.2	1.8	1.1	1.3	1.4
1,500–1,999	2.7	3.0	2.2	4.3	2.7
2,000–2,499	7.8	8.4	6.8	13.0	7.8
2,500–2,999	18.2	17.9	15.7	15.7	17.0
3,000–3,499	35.4	34.9	31.8	32.3	33.7
3,500–3,999	24.0	23.8	27.7	22.3	25.4
≥ 4,000	7.7	7.5	12.1	8.9	9.5
Not stated	2.0	1.7	1.9	0.6	1.8
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
< 2,500[(a)]	12.7	14.1	10.8	20.0	12.7

(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, 2012

Perinatal deaths[a]	Autologous			Oocyte/embryo recipient	All
	Fresh IVF	Fresh ICSI	Thaw		
Live births[b]	2,645	4,878	5,299	470	13,292
Stillbirths (fetal deaths)	47	50	54	2	153
Neonatal death	3	10	4	0	17
Perinatal deaths[a]	50	60	58	2	170
Total[c]	2,701	4,943	5,449	477	13,570
Stillbirths (fetal deaths) per 1,000 births[d]	17.4	10.1	9.9	4.2	11.3
Neonatal deaths per 1,000 live births[e]	1.1	2.1	0.8	0.0	1.3
Perinatal deaths per 1,000 births[a]	18.5	12.1	10.6	4.2	12.5

(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 125 babies: 9 following fresh IVF, 15 following fresh ICSI, 96 following thaw and 5 following oocyte/embryo recipient. 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, 2012

Perinatal deaths[b]	Age group (years)[a]						
	≤ 24	25–29	30–34	35–39	40–44	≥ 45	Total
Live births[c]	**107**	**1,477**	**4,434**	**5,136**	**1,980**	**158**	**13,292**
Stillbirths (fetal deaths)[d]	1	17	57	51	25	2	153
Neonatal death	1	2	4	7	3	0	17
Perinatal deaths[b]	2	19	61	58	28	2	170
Total	**110**	**1,516**	**4,531**	**5,224**	**2,026**	**163**	**13,570**
Stillbirths (fetal deaths) per 1,000 births[d]	*9.1*	*11.2*	*12.6*	*9.8*	*12.3*	*12.3*	*11.3*
Neonatal deaths per 1,000 live births[e]	*9.3*	*1.4*	*0.9*	*1.4*	*1.5*	*0.0*	*1.3*
Perinatal deaths per 1,000 births[d]	*18.2*	*12.5*	*13.5*	*11.1*	*13.8*	*12.3*	*12.5*

(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 125 babies: 2 from women aged ≤ 24, 22 from women aged 25–29 years, 40 from women aged 30–34 years, 37 form women aged 35–39 years, 21 from women aged 40–44 years and 3 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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