

Supplemental Table 1

	2004 Cycles		2011 Cycles		Combined 2004 and 2011	
POR Cycles; N	13,088	8,299	13,508	7,549	26,596	15,848
Cancelled for Poor Response; N (% of POR)	8,526 ^a (65)	5,612 ^a (68)	7,452 ^a (55)	4,372 ^a (58)	15,978 (60)	9,984 (63)
Fewer than 4 Oocytes at Retrieval; N (% of POR)	4,562 ^a (35)	2,687 ^a (32)	6,056 ^a (45)	3,177 ^a (42)	10,618 (40)	5,864 (37)
Live Birth; N (% of all POR)	428 (3) ^a	354 (4) ^a	613 (4) ^a	456 (6) ^a	1,041 (4)	810 (5)
(% of POR by low oocyte yield)	(9)	(13)	(10)	(14)	(10)	(14)

2004 vs. 2011: ^a $p < 0.0001$

Supplemental Table 2

DOR		Unadjusted			p-value	Adjusted ^a			
		RR	95% CI			RR	95% CI		p-value
Age	40+ vs.<40	3.58	3.52	3.64	<.0001	2.76	2.71	2.82	<.0001
Prior Fresh Cycles	0	0.61	0.59	0.62	<.0001	0.86	0.84	0.88	<.0001
	1	0.76	0.75	0.78	<.0001	0.94	0.92	0.96	<.0001
	2+	Reference							
Prior Gonadotropin Cycles	0	0.92	0.90	0.95	<.0001	1.00	0.97	1.02	0.7198
	1	1.09	1.05	1.14	<.0001	1.05	1.01	1.09	0.0102
	2	1.02	0.98	1.06	0.2502	1.00	0.97	1.04	0.8594
	3+	Reference							
Gravidity	0	0.79	0.78	0.81	<.0001	1.05	1.03	1.07	<.0001
	1	0.91	0.89	0.93	<.0001	1.03	1.01	1.05	0.0094
	2+	Reference							
Basal FSH	>12 vs.<12mIU/mL	3.15 ^a	3.09	3.20	<.0001	1.97	1.94	2.01	<.0001

^aCycles with basal FSH not entered or entered as 0 or >50mIU/mL excluded from analysis

Supplemental Table 3

POR		Unadjusted			p-value	Adjusted ^a			p-value
		RR	95% CI			RR	95% CI		
Age	40+ vs.<40	2.37	2.32	2.42	<.0001	1.60	1.55	1.64	<.0001
Prior Fresh Cycles	0	0.80	0.78	0.83	<.0001	1.02	0.99	1.05	0.1800
	1	0.86	0.83	0.88	<.0001	0.99	0.95	1.02	0.4472
	2+	Reference							
Prior Gonadotropin Cycles	0	1.00	0.97	1.04	0.9221	1.07	1.03	1.10	0.0005
	1	1.06	1.01	1.11	0.0306	1.05	0.99	1.10	0.1046
	2	0.98	0.93	1.03	0.4141	0.98	0.92	1.03	0.3978
	3+	Reference							
Gravidity	0	0.88	0.86	0.90	<.0001	1.03	1.00	1.06	0.0976
	1	0.93	0.90	0.96	<.0001	1.01	0.98	1.04	0.5320
	2+	Reference							
Basal FSH	>12 vs.<12	2.91	2.84	2.99	<.0001	1.96	1.91	2.02	<.0001
DOR	Yes vs. No	2.88	2.82	2.94	<.0001	1.94	1.88	2.00	<.0001

^aCycles with basal FSH not entered or entered as 0 or >50mIU/mL excluded from analysis