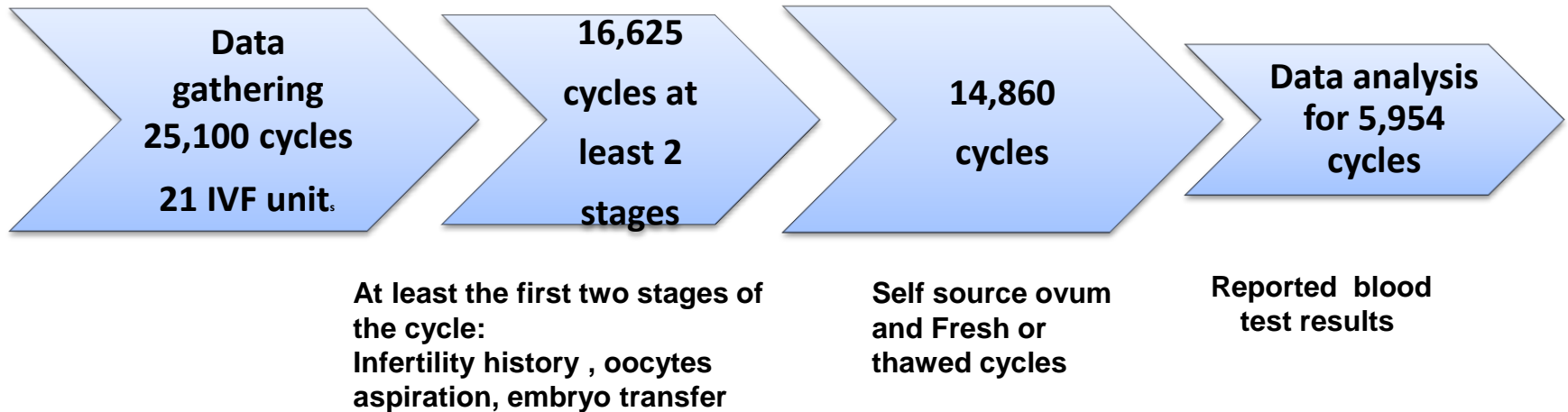


# National IVF Registry- Preliminary Data updated to 25 November 2014 including IVF cycles July 2013 – August 2014



# National IVF Registry

(Cycles with reported blood test results)

Age (years)	N=5,954	%
<38	4000	67
38-40	910	15
41-42	582	10
43	216	4
44	166	3
45+	80	1
Number of cycles in the past	N=3,920	%
0	760	20
1-5	2430	62
6-10	559	14
>11	171	4
Infertility Diagnosis	N=5,954	%
Mechanical	804	14
Hormonal	876	15
Male factor	2,512	42
Unexplained	1,215	20
Other	547	9

Without missing

# National IVF Registry

## (Cycles with reported blood test results)

<b>Cycle Type</b>	<b>N=5,954</b>	<b>%</b>
Fresh	4100	69
Thawed	1854	31
<b>Number of oocytes (fresh cycles)</b>	<b>N=3,926</b>	<b>%</b>
1-3	668	17
4-6	885	23
7-10	1,019	26
+11	1,354	34
<b>Number of Thawed Embryos</b>	<b>N=1,699</b>	<b>%</b>
1	185	11
2	665	39
3	576	34
4+	273	16

## National IVF Registry- (Cycles with reported blood test results)

<b>Number of Embryos Transferred</b>	<b>N=5,737</b>	<b>%</b>
1	1,289	22
2	2,784	49
3+	1,664	29
<b>One transferred Embryo in fresh cycle</b>	<b>N=930</b>	<b>%</b>
1 ovum	155	17
2+ ova	775	83
<b>Pregnancy test (βhCG)</b>	<b>N=5,954</b>	<b>%</b>
Positive	2,151	36
Negative	3,803	64

\* US (week 7-8) Only 784 reports

National IVF Registry- (cycles with reported blood test results)

# Pregnancy rate

		Positive pregnancy test (n=2,151)		P-Value
<b>Age (years)</b>	<b>N=5,954</b>	<b>n</b>	<b>%</b>	
<38	4,100	1631	41	<.0001
38-40	910	293	32	
41-42	582	153	26	
43	216	40	19	
44	166	30	18	
45+	80	4	5	
<b>Infertility Diagnosis</b>	<b>N=5,954</b>	<b>n</b>	<b>%</b>	
Mechanical	804	254	32	
Hormonal	876	316	36	
Male factor	2,512	989	39	
Unexplained	1,215	429	35	
Other	547	163	30	

National IVF Registry- (Cycles with reported blood test results)  
**Pregnancy rate**

		<b>Positive pregnancy test (n=2,151)</b>		<b>P-Value</b>
<b>Cycle Type</b>	<b>N=5,954</b>	<b>n</b>	<b>%</b>	0.0490
Fresh	4,100	1515	37	
Thawed	1,854	636	34	
<b>Number of embryos transferred</b>	<b>N=5,737</b>	<b>n</b>	<b>%</b>	<.0001
1	1,289	328	25	
2	2,784	1107	40	
3+	1,664	662	40	
<b>Number of embryos transferred</b>	<b>N=5,737</b>	<b>n</b>	<b>%</b>	0.0012
1-2	4,073	1435	35	
3+	1664	662	40	
<b>One transferred Embryo in fresh cycle</b>	<b>N=930</b>	<b>n</b>		0.0007
1 ovum	155	23	15	
2+ ova	775	83	28	

## National IVF Registry- Preliminary Data

### Pregnancy rate – Multivariable analysis (N= 5,737)

<b>Age (years)</b>	<b>OR (95%CI)</b>	<b>P-Value</b>
<38	reference	
38-40	0.66 ( 0.56, 0.78)	<0.0001
41-42	0.46 ( 0.37, 0.56)	<0.0001
43-44	0.30 ( 0.23, 0.40)	<0.0001
45+	0.08 ( 0.03, 0.21)	<0.0001
<b>Infertility Diagnosis</b>	<b>OR (95%CI)</b>	<b>P-Value</b>
Male	reference	
Mechanical	0.75 ( 0.63, 0.89)	0.0013
Hormonal	0.90 ( 0.76, 1.06)	0.1996
Unexplained	0.88 ( 0.76, 1.01)	0.0761
Other	0.98 ( 0.79, 1.23)	0.8805

## National IVF Registry- Preliminary Data

### Pregnancy rate - Multivariable analysis - continued

	<b>OR (95%CI)</b>	<b>P-Value</b>
<b>Cycle type</b>		
Thawed	reference	
Fresh	1.35 ( 1.20, 1.52)	<.0001
<b>Number of embryos transfer</b>		
2	reference	
1	0.54 ( 0.47, 0.63)	<0.0001
3+	1.19 ( 1.05, 1.36)	0.0081