



Wednesday, 02 December 2020

## Data Collection 2017

### Data for Poland

#### Module 1 - Number and size of ART / IUI clinics

##### In the country

	ART clinics (units)	IUI labs*
Total number of units in the country	<input type="text" value="42"/>	<input type="text"/>
Total number of units reporting to the National Register	<input type="text" value="0"/>	<input type="text" value="0"/>
Number of units included in this report	<input type="text" value="42"/>	<input type="text" value="39"/>

\* Put in this column all the labs providing IUI (including those performing ART)

##### Size of the reporting clinics

	Number of ART clinics*	Number of IUI labs**
< 100 cycles	<input type="text"/>	<input type="text"/>
100 - 199 cycles	<input type="text"/>	<input type="text"/>
200 - 499 cycles	<input type="text"/>	<input type="text"/>
500 - 999 cycles	<input type="text"/>	<input type="text"/>
≥ 1.000 cycles	<input type="text"/>	<input type="text"/>

\*Based on the total annual number of initiated\*\*\* cycles for the purpose IVF, ICSI, IVF/ICSI, FER and ED (recipient cycles)

\*\* Based on the total annual number of cycles with IUI (spouse or donor sperm)

##### Register characteristics

Reporting requirement	<input type="text" value="Compulsory"/>
Responsibility for the register	<input type="text" value="Medical Organization"/>
Reporting methods	
Cycles	<input type="text" value="Summaries of cycles reported by the clinics"/>
Deliveries	<input type="text" value="Summaries of cycles reported by the clinics"/>
Is there any kind of data validation process. If yes, describe	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="text" value="by coordinator"/>
Do patients have access to individual clinic data	<input type="radio"/> Yes <input type="radio"/> No
Register financial support	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Centres <input type="checkbox"/> Industry <input type="checkbox"/> Professional society
National number of deliveries in the same year in the country	<input type="text" value="396608"/>
National number of infants born in the same year in the country	<input type="text" value="401982"/>
Population of women aged 15-45	<input type="text" value="7853,2"/>
Total population for the year	<input type="text" value="38433,6"/>

\*\*\*Initiated: WHO-ICMART definition

Cycle in which the woman receives specific medication for ovarian stimulation or in which cycle monitoring is carried out with the intention to treat, irrespective of whether or not follicular aspiration is attempted in an ovarian stimulation cycle or whether egg(s) or embryo(s) are thawed or transferred in a Frozen Embryo Transfer (FET) cycle.

##### Comments

Population of women aged 15-44

## Module 2 - Details on which techniques are allowed/used/collected

	Treatment ***	Reporting requirement ****	How were the data collected?	Registration
IVF	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
ICSI	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
FER	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
PGT*	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
PGT-A**	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
IUI-H	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
IUI-D	Allowed in some conditions, performed	Voluntary	Retrospectively	<input type="checkbox"/> No
Ovarian tissue collection pre-pubertal for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
Ovarian tissue collection post-pubertal for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
Oocyte cryopreservation for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
Testicular tissue collection pre-pubertal for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
Testicular tissue collection post-pubertal for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
Ejaculated sperm collection for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No
Epididymal sperm collection for fertility preservation	Allowed in some conditions, performed	Voluntary	Retrospectively	<input checked="" type="checkbox"/> No

\*PGT: Preimplantation Genetic Testing (replaces PGD).

\*\*PGT-A: Preimplantation Genetic testing for aneuploidy (replaces PGS).

\*\*\*Example: IVF may be allowed for heterosexual infertile couples and prohibited for single women.

\*\*\*\* Compulsory means: legal requirement. Voluntary means: no legal requirement.

## Comments

## Module 3 - Number of treatments, pregnancies and deliveries

	Cycles with women's own oocytes						Egg Donation cycles <sup>d</sup>		
	Fresh cycles <sup>a</sup>			FER <sup>b</sup>	PGT <sup>c</sup>		Fresh cycle	FOR	FER
	IVF <sup>a</sup>	ICSI <sup>a</sup>	Total	IVF, ICSI	Fresh	FER			
Initiated cycles <sup>e</sup>	465	14100	14565		754		435		
Aspirations <sup>e</sup>	465	13923	14388		730		429		
Thawings				10390		488		692	421
Cryopreserved all cycles, oocytes <sup>f</sup>	7	137	144				39		
Cryopreserved all cycles, embryos <sup>f</sup>	95	2737	2832		687		274		
Transfers	330	9101	9431	10152	16	479	209	630	418
Pregnancies, total <sup>g</sup>	129	3700	3829	3720	8	236	72	245	187
	103	2265	2368	2288	7	183	34	165	129

Deliveries <sup>h</sup>									
Pregnancies with unknown outcome	16	1025	1041	908	1	31	31	45	33

- a. In case of mixed IVF and ICSI cycles (IVF/ICSI), report them as ICSI  
b. Excluding PGT and ED (Egg donation)  
c. PGT and PGS. For initiated cycles & aspirations, include both irrespective of whether or not an embryo transfer was performed  
d. In egg donation, initiated cycles and aspirations refer to the donor, whereas transfers, pregnancies and deliveries to the recipient. Fresh cycles relate to completely fresh material, FER relates to fresh oocytes but with frozen embryo replacement and FOR relates to frozen oocytes.  
e. If there is a discrepancy between the numbers of cycles and of aspirations in your country (some centres sending only one of the 2 numbers), please indicate this in a note.  
f. Exclude those for fertility preservation or social freezing.  
g. Please use the WHO/ICMART definition of clinical pregnancy: A pregnancy diagnosed by ultrasonographic visualization of one or more gestational sacs or definitive clinical signs of pregnancy. For the purpose of MAR/ART registries, in addition to intrauterine pregnancy it includes clinically documented ectopic pregnancy.  
h. Deliveries include those resulting in a live birth and/or stillbirth, and start at 22 weeks of gestational age.

Among the fresh aspiration cycles, how many were performed

With semen donation	877
With surgically obtained spouse's semen	318
With mixed IVF/ICSI procedure	329

#### In vitro maturation (IVM) and frozen oocyte replacements (FOR)

	Aspirations	Transfers	Pregnancies	Deliveries
IVM	18	10	3	2
	Thawings	Transfers	Pregnancies	Deliveries
FOR*	335	253	83	59

Is embryo donation allowed in your country?:  Yes  No

	Transfers*	Pregnancies	Deliveries
Embryo donation	653	246	121

\* Only own oocytes, do not concern egg donation

\* From fresh/frozen embryos transfers

#### Comments

### Module 4 - Results by women's age and ART technique

Number of cycles (aspiration for IVF or ICSI, thawing for FER and transfers for ED) in specific age groups in relation to treatment.

Woman's age	IVF*			ICSI*		
	Aspirations	Pregnancies	Deliveries	Aspirations	Pregnancies	Deliveries
≤ 34	285	80	67	7236	2207	1378
35 - 39	145	45	34	4596	1190	710
≥ 40	35	4	2	2047	265	147
Unknown				44	38	30

\* In case of mixed IVF and ICSI cycles (IVF/ICSI), report them as ICSI

Woman's age	FER (Frozen embryo replacements with own oocytes)			ED (Egg donations)*		
	Thawings	Pregnancies	Deliveries	Transfers	Pregnancies	Deliveries
≤ 34	5845	2301	1469	227	95	64
35 - 39	3502	1161	695	357	153	98
≥ 40	1043	258	124	673	256	166
Unknown						

\* In ED, age refers to recipient, not to donor, and all ED cycles have to be included (fresh transfers, FER and FOR)

WHO DEFINITION OF CLINICAL PREGNANCIES

A pregnancy diagnosed by ultrasonographic visualization of one or more gestational sacs or definitive clinical signs of pregnancy. For the purpose of MAR/ART registries, in addition to intrauterine pregnancy it includes clinically documented ectopic pregnancy.

#### Comments

### Module 5 - Complications to treatments and foetal reduction

Complications with admission to hospital	Number of occurrences
Severe hyperstimulation syndrome (grade 3 +)	<input type="text" value="38"/>
Complications to oocyte retrieval:	
Bleeding	<input type="text" value="17"/>
Infection	<input type="text"/>
Others	<input type="text" value="1"/>
All	<input type="text" value="18"/>
Maternal death (give the details)	<input type="text"/>
Number of foetal reductions	<input type="text"/>

#### OHSS definition

##### Grade 3

- Abdominal distension and discomfort (grade 1)
- **plus** nausea, vomiting and/or diarrhoea, ovaries 5-12cm
- **plus** ultrasonic evidence of ascites (grade 3)

**Grade 4:** Grade 3 + clinical evidence of ascites and/or hydrothorax or dyspnoea

**Grade 5:** All above plus haemoconcentration, coagulation abnormalities, diminished renal perfusion

#### Comments

### Module 6 - Results by number of transferred embryos

#### All IVF and ICSI fresh cycles

	Number of transferred cleavage stage embryos / Blastocystes						
	1	2	3	4	≥5	Unknown	Total*
a. Transfer cycles with cleavage stage embryos	<input type="text" value="2702"/>	<input type="text" value="2539"/>	<input type="text" value="55"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="191"/>	<input type="text" value="5489"/>
b. Clinical pregnancies	<input type="text" value="832"/>	<input type="text" value="1065"/>	<input type="text" value="14"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text" value="89"/>	<input type="text" value="2001"/>
c. Transfer cycles with blastocysts	<input type="text" value="2278"/>	<input type="text" value="1254"/>	<input type="text" value="9"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="347"/>	<input type="text" value="3888"/>
d. Clinical pregnancies	<input type="text" value="982"/>	<input type="text" value="681"/>	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="162"/>	<input type="text" value="1828"/>
Total/all transfer cycles (a+c)	<input type="text" value="4971"/>	<input type="text" value="3856"/>	<input type="text" value="64"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="538"/>	<input type="text" value="9431"/>
Total/all clinical pregnancies (b+d)	<input type="text" value="1814"/>	<input type="text" value="1746"/>	<input type="text" value="17"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text" value="251"/>	<input type="text" value="3829"/>
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	<input type="text" value="221"/>	<input type="text" value="182"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="15"/>	<input type="text" value="420"/>
Lost to Follow-up***	<input type="text" value="482"/>	<input type="text" value="554"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="4"/>	<input type="text" value="1041"/>
Deliveries							
Singleton	<input type="text" value="1089"/>	<input type="text" value="767"/>	<input type="text" value="10"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text" value="29"/>	<input type="text" value="1896"/>

Twin	21	223	3			1	248
Triplet +	1	2	1				4
Unknown		18				202	220
Total	1111	1010	14	1		232	2368

**All FER cycles (coming from IVF, ICSI and IVF/ICSI with own oocytes)**

	Number of transferred embryos						Total*
	1	2	3	4	≥5	Unknown	
Transfer cycles with cleavage stage embryos	1463	1387	9				2859
Clinical pregnancies	358	486	2				846
Transfer cycles with blastocysts	5370	1208	10			505	7093
Clinical pregnancies	2018	663	6			187	2874
Total/all transfer cycles	6833	2795	19			505	10152
Total/all clinical pregnancies	2376	1149	8			187	3720
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	359	144	1			20	524
Lost to Follow-up***	547	360	1				908
Deliveries							
Singleton	1454	518	5				1977
Twin	16	123	1				140
Triplet +		4					4
Unknown		0				167	167
Total	1470	645	6	0		167	2288

**Egg donation (ED) and PGT\*\*\*\***

	Number of transferred embryos ED						Total ED*	PGT Total*
	1	2	3	4	≥5	unknown		
Transfer cycles with cleavage stage embryos	212	527	2				741	17
Clinical pregnancies	53	217	0				270	8
Transfer cycles with blastocysts	339	175	2				516	476
Clinical pregnancies	144	88	2				234	236
Total/all transfer cycles	551	702	4				1257	495
Total/all clinical pregnancies	197	305	2				504	244
<b>Pregnancy outcome (all transfers)</b>								
Pregnancy losses**	24	43					67	22
Lost to Follow-up***	34	74	1				109	32
Deliveries								
Singleton	138	139	1				278	177
Twin	1	48					49	13
Triplet +		1					1	
Unknown							0	
Total	139	188	1				328	190

\* Total=same numbers as in module 1a for transfers, pregnancies and deliveries

\*\* Abortions and ectopic pregnancies

\*\*\* Lost to follow-up pregnancies are pregnancies with unknown outcome

\*\*\*\* This table concern all ED and PGT transfers, with fresh and frozen embryos (both from fresh and frozen oocytes)

**Comments**

## Module 7 - Intrauterine insemination (IUI)

### IUI-Homologue (Husband semen)

	Women < 35 years	Women 35-39 years	Women ≥ 40 years	Total
Number of IUI-H cycles*	6893	3582	943	11418
Pregnancies**	769	311	69	1149
Pregnancy losses***	83	52	12	147
Lost to Follow-up****	209	78	27	314
Deliveries				
Singleton	447	172	29	648
Twin	28	9	1	38
Triplet +	2			2
Unknown				
Total	477	181	30	688

### IUI-Donor (Donor sperm)

	Women < 35 years	Women 35-39 years	Women ≥ 40 years	Total
Number of IUI-H cycles*	1247	574	174	1995
Pregnancies**	233	97	23	353
Pregnancy losses***	33	17	4	54
Lost to Follow-up****	44	27	10	81
Deliveries				
Singleton	152	50	9	211
Twin	4	3		7
Triplet +				
Unknown				
Total	156	53	9	218

\* Whether one or more inseminations were performed during the same cycle ?

If more than one insemination was performed in one cycle it counts only for one. \*\*Please use the WHO/ICMART definitions in relation to pregnancies (see module 1A)

\*\*\* Abortions and ectopic pregnancies

\*\*\*\* Lost to follow-up pregnancies are pregnancies with unknown outcome

### Comments

## Module 8 (Optional) - Gestational Age by Treatment and Multiple deliveries including still and live births

### Fresh cycles (standard IVF, ICSI)

Deliveries	Gestational age (weeks since OPU + 2)						
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	All

Singleton	53	133	234	1267	60	349	2096
Twin	9	41	89	38	5	74	256
Triplet or higher	2	2				1	5
Unknown						18	18
Total	64	176	323	1305	65	442	2375

Including PGT pregnancies with fresh transfer

Deliveries, not babies

NA = Not available

## Frozen embryo replacement (standard IVF, ICSI or IVF/ICSI with own oocytes)

Deliveries	Gestational age (weeks since OPU + 2)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	27	92	242	1349	61	372	2143
Twin	3	19	73	30	2	23	150
Triplet or higher		2	2				4
Unknown							
Total	30	113	317	1379	63	395	2297

Including PGT pregnancies with FER

Deliveries, not babies

NA = Not available

## Oocyte donation (ED)

Deliveries	Gestational age (weeks since OPU + 2)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	3	15	40	298	27	62	445
Twin		7	14	14	8	8	51
Triplet or higher		1					1
Unknown				1		4	5
Total	3	23	54	313	35	74	502

Deliveries, not babies

NA Not available

## Comments

## Module 9 (Optional) - Cycles performed for cross-border patients\*

## Summary of cycles

	ART								IUI
	Woman's own oocytes, spouse's semen				Oocyte donation		Sperm donation	Other/unknown	Sperm donation
	IVF*	ICSI*	GIFT	PGT	Anonymous	Non anonymous	All	All	All
Initiated cycles	1	182			237		11		1

## Countries of patients' origin and main reasons to move to an other country

Country of origin	Cycles	Reason	Cycles
<input checked="" type="checkbox"/> 1 Germany	214	Legal	
<input checked="" type="checkbox"/> 2 Sweden	61	Illegal technique in home country	102
<input checked="" type="checkbox"/> 3 UK	56	Illegal patients characteristics***	5
<input checked="" type="checkbox"/> 4 Belarus	22	Access	
<input checked="" type="checkbox"/> 5 Ukraine	15	Treatments more expensive in home country	175

<input checked="" type="checkbox"/> 6 Others (total)	<input type="text" value="64"/>	Distance, waiting list	<input type="text" value="13"/>
		Quality, Previous failures	<input type="text" value="72"/>
		Other	<input type="text" value="65"/>

\* Patients living in a different country from the one where they had ART

\*\* Indicate the 5 main countries of patients' origin and give the number of cycles of each of them. Give the total number of cycles of the others

\*\*\*like age limitation, legal couple status, sexual orientation

Comments

Module 10 (Optional) - Fertility preservation

Fertility preservation by means of

Pre-pubertal ovarian tissue collection and cryopreservation	Post-pubertal ovarian tissue collection and cryopreservation	Oocyte cryopreservation	Pre-pubertal testicular tissue collection and cryopreservation	Post-pubertal testicular tissue collection and cryopreservation	Ejaculated sperm collection and cryopreservation	Epididymal sperm collection and cryopreservation
<b>N of interventions</b>						
<input type="text"/>	<input type="text" value="26"/>	<input type="text" value="294"/>	<input type="text" value="1"/>	<input type="text" value="39"/>	<input type="text" value="1801"/>	<input type="text" value="46"/>
<b>Reason for preservation</b>						
<input type="checkbox"/> Medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical <input checked="" type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical <input checked="" type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical
<b>Outcome – N stored*</b>						
<input type="text"/>	<input type="text" value="72"/>	<input type="text" value="1227"/>	<input type="text" value="2"/>	<input type="text" value="39"/>	<input type="text" value="2842"/>	<input type="text" value="60"/>
<b>Outcome – N used*</b>						
<input type="text"/>	<input type="text"/>	<input type="text" value="407"/>	<input type="text"/>	<input type="text" value="32"/>	<input type="text" value="577"/>	<input type="text" value="54"/>
<b>If used, type of method + number used</b>						
<input type="checkbox"/> Transplantation <input type="text"/>	<input type="checkbox"/> Transplantation <input type="text"/>	<input checked="" type="checkbox"/> ART <input type="text" value="387"/>	<input type="checkbox"/> Transplantation <input type="text"/>	<input checked="" type="checkbox"/> ART <input type="text" value="32"/>	<input checked="" type="checkbox"/> ART <input type="text" value="424"/>	<input checked="" type="checkbox"/> ART <input type="text" value="54"/>
<input type="checkbox"/> Transplantation followed by ART <input type="text"/>	<input type="checkbox"/> Transplantation followed by ART <input type="text"/>	<input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> Transplantation followed by ART <input type="text"/>	<input type="checkbox"/> IVM+ART <input type="text"/>	<input checked="" type="checkbox"/> IUI <input type="text" value="153"/>	
<input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> IVM+ART <input type="text"/>		<input type="checkbox"/> IVM+ART <input type="text"/>			

\*More than one use/sample storage is possible.

Comments

I hereby confirm that the data contained in this visit are correct and complete