



EUROCET

*European network of Competent
Authorities for tissues and cells*

Report 2024

International data on **Medical Assisted
Reproduction** activities

Year 2023

European Network of Competent Authorities for Tissues and Cells

Report 2024

This document has been produced by [EUROCET](#) with the data collected by Competent Authorities for Medical Assisted Reproduction (MAR) from European Member States (and other Extra EU countries). This year 21 countries joined the data collection: - 18 EU Member States and 3 Extra EU countries (Moldova, Norway, Switzerland, UK) (*Appendix I*)

The following report shows calculations regarding the whole donation-processing-distribution-transplantation process in the field of MAR for the **year 2023**. (only for Switzerland the reference year is 2022).

The data requested is focused only on donation, leaving out procedures such as FET and all data on results. The MAR data is divided into seven sections: one for collecting data on **partner donation** performed through **IUI and IVF/ICSI**; one on **non-partner donation** activities using **sperm** or **oocytes** or **embryos/zygotes**; one on **non-partner sperm donation** performed through **IUI, IVF/ICSI**, one on **non-partner oocyte donation** performed through **IVF/ICSI**, one on **non-partner oocyte and sperm donation** performed through **IVF/ICSI**, one on **preservation of reproductive capacity (for social and medical reasons)** and a last one on **distribution and exchange of non-partner gametes/embryos (commercialisation)** using **sperm, oocytes** and **embryos/zygotes**.

The glossary (*Appendix II*) has been updated with definitions from both the “EU directive 24/2003 of the European Parliament and of the Council of 31 March 2004 on setting standards of quality and safety for the donation, procurement, testing, processing, preservation, storage and distribution of human tissues and cells” and the “Guide to the quality and safety of tissues and cells for human application, 3rd Edition, 2017” by the Council of Europe.

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For a correct interpretation of the values in the tables, please take into account the following legenda:

NA (Not Available): The requested activity is present in the country but the Competent Authority does not collect the data yet.

NE (Not Existing): the Competent Authority is present in the country but there is not the requested activity.

Blank field: the Competent Authority did not provide any kind of data for this field.



MAR with partner donation

Partner donation - IUI		
COUNTRY	Year	N° of couples treated
AT - AUSTRIA	2023	
BE - BELGIUM	2023	
BG - BULGARIA	2023	2.421
CH - SWITZERLAND	2022	NA
CY - CYPRUS	2023	404
CZ - CZECHIA	2023	
DE - GERMANY	2023	
DK - DENMARK	2023	3.962
EE - ESTONIA	2023	
ES - SPAGNA	2023	
FI - FINLAND	2023	1.503
FR - FRANCE	2023	
GR - GREECE	2023	
HR - CROATIA	2023	892
HU - HUNGARY	2023	3.189
IE - IRELAND	2023	
IS - ICELAND	2023	
IT - ITALY	2023	
LT - LITHUANIA	2023	907
LU - LUXEMBOURG	2023	131
LV - LATVIA	2023	84
MD - MOLDOVA	2023	185
MK - MACEDONIA	2023	
MT - MALTA	2023	
NL - NETHERLANDS	2023	9.812
NO - NORWAY	2023	247
PL - POLAND	2023	
PT - PORTUGAL	2023	NA
RO - ROMANIA	2023	1.653
SE - SWEDEN	2023	143
SI - SLOVENIA	2023	
SK - SLOVAKIA	2023	1.835
TR - TURKEY	2023	
UK - UNITED KINGDOM	2023	

Partner donation - IVF/ICSI

COUNTRY	Year	N° of couples treated	N° of oocytes retrievals	N° of oocyte cryopreservation procedures	N° of sperm cryopreservation procedures	N° of embryos cryopreservation procedures	N° of embryos (or zygotes) transfers (ET) (fresh and frozen)
AT - AUSTRIA	2023		11.063				
BE - BELGIUM	2023						
BG - BULGARIA	2023	6.873	53.375	NA	NA	NA	7.533
CH - SWITZERLAND	2022	6.507	51.951	820	NA	12.410	8.145
CY - CYPRUS	2023	1.500	1.391	125	137	866	1.237
CZ - CZECHIA	2023	7.833	9.905	89		4.917	6.435
DE - GERMANY	2023						
DK - DENMARK	2023	3.756	9.907	78	NA	2.536	11.311
EE - ESTONIA	2023		1.597				2.513
ES - SPAGNA	2023						
FI - FINLAND	2023	4.445					6.407
FR - FRANCE	2023						
GR - GREECE	2023						
HR - CROATIA	2023	3.822	5.168	51	135	1.987	5.174
HU - HUNGARY	2023	9.804	11.792	67	292	5.230	12.531
IE - IRELAND	2023						
IS - ICELAND	2023						
IT - ITALY	2023						
LT - LITHUANIA	2023	1.079	2.656	15	54	972	1.864
LU - LUXEMBOURG	2023	487	584	8	0	359	920
LV - LATVIA	2023	1.603	1.836	11	7	3.280	1.765
MD - MOLDOVA	2023	1.427	1.565	39	377	880	1.646
MK - MACEDONIA	2023						
MT - MALTA	2023						
NL - NETHERLANDS	2023	14.444					26.801
NO - NORWAY	2023	5.783	6.114	53	124	3.445	8.651
PL - POLAND	2023						
PT - PORTUGAL	2023	NA	6.154	60	NA	3.339	5.467
RO - ROMANIA	2023	7.009	8.225	792	1.332	5.765	8.679
SE - SWEDEN	2023	9.534	11.735	11.604	7.597	18.172	14.414
SI - SLOVENIA	2023						
SK - SLOVAKIA	2023	4.155	4.225	307	1.014	2.640	6.671
TR - TURKEY	2023						
UK - UNITED KINGDOM	2023						

Partner donation - TOTAL

COUNTRY	Year	N° of couples treated	N° of oocyte retrievals	N° of oocyte cryopreservation procedures	N° of sperm cryopreservation procedures	N° of embryos cryopreservation procedures	N° of embryos (or zygotes) transfers (ET) (fresh and frozen)
AT - AUSTRIA	2023		11.063				
BE - BELGIUM	2023						
BG - BULGARIA	2023	9.294	53.375	NA	NA	NA	7.533
CH - SWITZERLAND	2022	6.507	51.951	820	NA	12.410	8.145
CY - CYPRUS	2023	1.904	1.391	125	137	866	1.237
CZ - CZECHIA	2023	7.833	9.905	89		4.917	6.435
DE - GERMANY *	2023		726.568				
DK - DENMARK	2023	7.027	9.907	78	NA	2.536	11.311
EE - ESTONIA	2023		1.597				2.513
ES - SPAGNA	2023						
FI - FINLAND	2023	5.948					6.407
FR - FRANCE	2023						
GR - GREECE	2023						
HR - CROATIA	2023	4.714	5.168	51	135	1.987	5.174
HU - HUNGARY	2023	12.993	11.792	67	292	5.230	12.531
IE - IRELAND	2023						
IS - ICELAND	2023						
IT - ITALY	2023						
LT - LITHUANIA	2023	1.986	2.656	15	54	972	1.864
LU - LUXEMBOURG	2023	618	584	8	0	359	920
LV - LATVIA	2023	1.687	1.858	32	14	3.280	1.957
MD - MOLDOVA	2023	1.612	1.565	39	377	880	1.646
MK - MACEDONIA	2023						
MT - MALTA	2023						
NL - NETHERLANDS	2023	24.256					26.801
NO - NORWAY	2023	6.030	6.114	53	124	3.445	8.651
PL - POLAND	2023						
PT - PORTUGAL	2023	NA	6.154	60	NA	3.339	5.467
RO - ROMANIA	2023	8.662	8.225	792	1.332	5.765	8.679
SE - SWEDEN	2023	9.677	11.735	11.604	7.597	18.172	14.414
SI - SLOVENIA	2023						
SK - SLOVAKIA	2023	5.990	4.225	307	1.014	2.640	6.671
TR - TURKEY	2023						
UK - UNITED KINGDOM	2023						

*ONLY partner donation.

Please, note: In Germany, oocyte donation is prohibited by law.

Non partner donation activities

Non Partner Donation Activities - SPERM			
COUNTRY	Year	N° of donors (with actual donation)	N° of donations (sperm collection)
AT - AUSTRIA	2023	211	520
BE - BELGIUM	2023		
BG - BULGARIA	2023	144	1.320
CH - SWITZERLAND	2022	NA	NA
CY - CYPRUS	2023	88	1.223
CZ - CZECHIA	2023		
DE - GERMANY *	2023		148.381
DK - DENMARK	2023	NA	NA
EE - ESTONIA	2023	50	
ES - SPAGNA	2023		
FI - FINLAND	2023	114	
FR - FRANCE	2023		
GR - GREECE	2023		
HR - CROATIA	2023	0	0
HU - HUNGARY	2023	351	396
IE - IRELAND	2023		
IS - ICELAND	2023		
IT - ITALY	2023		
LT - LITHUANIA	2023	0	2
LU - LUXEMBOURG	2023	0	0
LV - LATVIA	2023	22	76
MD - MOLDOVA	2023	7	17
MK - MACEDONIA	2023		
MT - MALTA	2023		
NL - NETHERLANDS	2023		
NO - NORWAY	2023	123	658
PL - POLAND	2023		
PT - PORTUGAL	2023		
RO - ROMANIA	2023	74	162
SE - SWEDEN	2023	1.144	2.303
SI - SLOVENIA	2023		
SK - SLOVAKIA	2023	55	236
TR - TURKEY	2023		
UK - UNITED KINGDOM	2023		

*Partner and Non-partner sperm donation

Non Partner Donation Activities - OOCYTES

COUNTRY	Year	N° of donors (with actual donation)	N° of donations (oocytes collection)
AT - AUSTRIA	2023	47	59
BE - BELGIUM	2023		
BG - BULGARIA	2023	341	1.010
CH - SWITZERLAND	2022	NA	NA
CY - CYPRUS	2023	177	190
CZ - CZECHIA	2023		
DE - GERMANY *	2023		
DK - DENMARK	2023	706	1.068
EE - ESTONIA	2023	337	
ES - SPAGNA	2023		
FI - FINLAND	2023	317	504
FR - FRANCE	2023		
GR - GREECE	2023		
HR - CROATIA	2023	0	0
HU - HUNGARY	2023	2	1
IE - IRELAND	2023		
IS - ICELAND	2023		
IT - ITALY	2023		
LT - LITHUANIA	2023	0	0
LU - LUXEMBOURG	2023	0	0
LV - LATVIA	2023	168	262
MD - MOLDOVA	2023	18	20
MK - MACEDONIA	2023		
MT - MALTA	2023		
NL - NETHERLANDS	2023		
NO - NORWAY	2023	101	132
PL - POLAND	2023		
PT - PORTUGAL	2023		1.598
RO - ROMANIA	2023	176	464
SE - SWEDEN	2023	381	4.948
SI - SLOVENIA	2023		
SK - SLOVAKIA	2023	382	734
TR - TURKEY	2023		
UK - UNITED KINGDOM	2023		

* Please, note: In Germany, oocyte donation is prohibited by law.

Non Partner Donation Activities - EMBRYOS/ZYGOTES		
COUNTRY	Year	N° of donation (sperm/oocytes collection)
AT - AUSTRIA	2023	73
BE - BELGIUM	2023	
BG - BULGARIA	2023	0
CH - SWITZERLAND	2022	NA
CY - CYPRUS	2023	4
CZ - CZECHIA	2023	
DE - GERMANY	2023	
DK - DENMARK	2023	0
EE - ESTONIA	2023	
ES - SPAGNA	2023	
FI - FINLAND	2023	100
FR - FRANCE	2023	
GR - GREECE	2023	
HR - CROATIA	2023	0
HU - HUNGARY	2023	21
IE - IRELAND	2023	
IS - ICELAND	2023	
IT - ITALY	2023	
LT - LITHUANIA	2023	0
LU - LUXEMBOURG	2023	0
LV - LATVIA	2023	54
MD - MOLDOVA	2023	0
MK - MACEDONIA	2023	
MT - MALTA	2023	
NL - NETHERLANDS	2023	
NO - NORWAY	2023	0
PL - POLAND	2023	
PT - PORTUGAL	2023	247
RO - ROMANIA	2023	35
SE - SWEDEN	2023	
SI - SLOVENIA	2023	
SK - SLOVAKIA	2023	176
TR - TURKEY	2023	
UK - UNITED KINGDOM	2023	

MAR with non partner SPERM donation

Non Partner SPERM Donation - IUI		
COUNTRY	Year	N° of treatment cycles with sperm donation
AT - AUSTRIA	2023	602
BE - BELGIUM	2023	
BG - BULGARIA	2023	564
CH - SWITZERLAND	2022	NA
CY - CYPRUS	2023	16
CZ - CZECHIA	2023	
DE - GERMANY	2023	
DK - DENMARK	2023	5.489
EE - ESTONIA	2023	166
ES - SPAGNA	2023	
FI - FINLAND	2023	
FR - FRANCE	2023	
GR - GREECE	2023	
HR - CROATIA	2023	0
HU - HUNGARY	2023	134
IE - IRELAND	2023	
IS - ICELAND	2023	
IT - ITALY	2023	
LT - LITHUANIA	2023	5
LU - LUXEMBOURG	2023	99
LV - LATVIA	2023	88
MD - MOLDOVA	2023	7
MK - MACEDONIA	2023	
MT - MALTA	2023	
NL - NETHERLANDS	2023	9.041
NO - NORWAY	2023	1.116
PL - POLAND	2023	
PT - PORTUGAL	2023	623
RO - ROMANIA	2023	663
SE - SWEDEN	2023	1.910
SI - SLOVENIA	2023	
SK - SLOVAKIA	2023	70
TR - TURKEY	2023	
UK - UNITED KINGDOM	2023	

Non Partner SPERM Donation - IVF/ICSI

COUNTRY	Year	N° of treatment cycles with sperm donation	N° of embryo or zygote transfers (ET)(fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT - AUSTRIA	2023	720		1.500
BE - BELGIUM	2023			
BG - BULGARIA	2023	579	584	669
CH - SWITZERLAND	2022	206	146	351
CY - CYPRUS	2023	75	62	158
CZ - CZECHIA	2023	574	405	1.157
DE - GERMANY	2023			
DK - DENMARK	2023	1.650	3.590	1.775
EE - ESTONIA	2023		113	368
ES - SPAGNA	2023			
FI - FINLAND	2023		1.036	
FR - FRANCE	2023			
GR - GREECE	2023			
HR - CROATIA	2023	0	0	0
HU - HUNGARY	2023	508	460	524
IE - IRELAND	2023			
IS - ICELAND	2023			
IT - ITALY	2023			
LT - LITHUANIA	2023	7	5	34
LU - LUXEMBOURG	2023	64	96	83
LV - LATVIA	2023	206	143	367
MD - MOLDOVA	2023	15	15	14
MK - MACEDONIA	2023			
MT - MALTA	2023			
NL - NETHERLANDS	2023	NE	2.236	4.032
NO - NORWAY	2023	1.108	1.436	2.006
PL - POLAND	2023			
PT - PORTUGAL	2023	815	956	1.935
RO - ROMANIA	2023	413	408	862
SE - SWEDEN	2023	2.229	2.024	2.305
SI - SLOVENIA	2023			
SK - SLOVAKIA	2023	160	157	469
TR - TURKEY	2023			
UK - UNITED KINGDOM	2023			

Non Partner SPERM Donation - TOTAL

COUNTRY	Year	N° of treatment cycles with sperm donation	N° of embryo or zygote transfers (ET)(fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT - AUSTRIA	2023	1.322		1.500
BE - BELGIUM	2023			
BG - BULGARIA	2023	1.143	584	669
CH - SWITZERLAND	2022	206	146	351
CY - CYPRUS	2023	91	62	158
CZ - CZECHIA	2023	574	405	1.157
DE - GERMANY	2023			
DK - DENMARK	2023	7.139	3.590	1.775
EE - ESTONIA	2023		113	368
ES - SPAGNA	2023			
FI - FINLAND	2023		1.036	
FR - FRANCE	2023			
GR - GREECE	2023			
HR - CROATIA	2023	0	0	0
HU - HUNGARY	2023	642	460	524
IE - IRELAND	2023			
IS - ICELAND	2023			
IT - ITALY	2023			
LT - LITHUANIA	2023	12	5	34
LU - LUXEMBOURG	2023	163	96	83
LV - LATVIA	2023	294	193	367
MD - MOLDOVA	2023	22	15	14
MK - MACEDONIA	2023			
MT - MALTA	2023			
NL - NETHERLANDS	2023	9.041	2.236	4.032
NO - NORWAY	2023	2.224	1.436	2.006
PL - POLAND	2023			
PT - PORTUGAL	2023	1.438	956	1.935
RO - ROMANIA	2023	1.076	408	862
SE - SWEDEN	2023	4.139	2.024	2.305
SI - SLOVENIA	2023			
SK - SLOVAKIA	2023	230	157	469
TR - TURKEY	2023			
UK - UNITED KINGDOM	2023			

MAR with non partner OOCYTE donation

Non Partner OOCYTE Donation - IVF/ICSI				
COUNTRY	Year	N° of treatment cycles with oocyte donation	N° of embryo or zygote transfers (ET)(fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT - AUSTRIA	2023	154		900
BE - BELGIUM	2023			
BG - BULGARIA	2023	1012	1.483	1.831
CH - SWITZERLAND	2022	NA	NA	NA
CY - CYPRUS	2023	186	226	730
CZ - CZECHIA	2023	5168	3.673	13.191
DE - GERMANY *	2023			
DK - DENMARK	2023	2896	2.264	2.067
EE - ESTONIA	2023		117	244
ES - SPAGNA	2023			
FI - FINLAND	2023		671	
FR - FRANCE	2023			
GR - GREECE	2023			
HR - CROATIA	2023	0	0	0
HU - HUNGARY	2023	10	10	26
IE - IRELAND	2023			
IS - ICELAND	2023			
IT - ITALY	2023			
LT - LITHUANIA	2023	8	7	20
LU - LUXEMBOURG	2023	0	0	0
LV - LATVIA	2023	232	343	779
MD - MOLDOVA	2023	20	23	37
MK - MACEDONIA	2023			
MT - MALTA	2023			
NL - NETHERLANDS	2023		475	668
NO - NORWAY	2023	212	325	652
PL - POLAND	2023			
PT - PORTUGAL	2023	1378	2.102	4.275
RO - ROMANIA	2023	880	1.070	1.055
SE - SWEDEN	2023	886	872	894
SI - SLOVENIA	2023			
SK - SLOVAKIA	2023	500	623	1.464
TR - TURKEY	2023			
UK - UNITED KINGDOM	2023			

* Please, note: In Germany, oocyte donation is prohibited by law.

MAR with non partner OOCYTE and SPERM donation

Non Partner OOCYTES AND SPERM Donation - IVF/ICSI				
COUNTRY	Year	N° of treatment cycles with embryo donation	N° of embryo or zygote transfers (ET) (fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT - AUSTRIA	2023	10		37
BE - BELGIUM	2023			
BG - BULGARIA	2023	156	266	286
CH - SWITZERLAND	2022	NA	NA	NA
CY - CYPRUS	2023	22	29	59
CZ - CZECHIA	2023	258	174	492
DE - GERMANY	2023			
DK - DENMARK	2023	700	700	97
EE - ESTONIA	2023		29	139
ES - SPAGNA	2023			
FI - FINLAND	2023		218	
FR - FRANCE	2023			
GR - GREECE	2023			
HR - CROATIA	2023	0	0	0
HU - HUNGARY	2023	53	55	59
IE - IRELAND	2023			
IS - ICELAND	2023			
IT - ITALY	2023			
LT - LITHUANIA	2023	0	0	0
LU - LUXEMBOURG	2023	0	0	0
LV - LATVIA	2023	113	182	344
MD - MOLDOVA	2023	1	1	0
MK - MACEDONIA	2023			
MT - MALTA	2023			
NL - NETHERLANDS	2023		226	370
NO - NORWAY	2023	0	0	0
PL - POLAND	2023			
PT - PORTUGAL	2023	278	404	973
RO - ROMANIA	2023	76	113	127
SE - SWEDEN	2023			
SI - SLOVENIA	2023			
SK - SLOVAKIA	2023	195	224	309
TR - TURKEY	2023			
UK - UNITED KINGDOM	2023			

Distribution and exchange of NON-PARTNER GAMETES/EMBRYOS

Distribution and exchange of NON PARTNER - SPERM							
COUNTRY	Year	N° of sperm straws distributed TO a foreign country	Inside the EU	Outside the EU	N° of sperm straws received FROM a foreign country	Inside the EU	Outside the EU
AT - AUSTRIA	2023	13	13	0	619	619	0
BE - BELGIUM	2023						
BG - BULGARIA	2023	0	0	0	664	662	2
CH - SWITZERLAND	2022	NA	NA	NA	NA	NA	NA
CY - CYPRUS	2023	2.689	2.496	193	103	91	12
CZ - CZECHIA	2023						
DE - GERMANY *	2023	1.748	1.123	625	4.924	4.891	33
DK - DENMARK	2023	64.335	51.131	13.224	5.846	NA	5.846
EE - ESTONIA	2023						
ES - SPAGNA	2023						
FI - FINLAND	2023	0	0	0	313	313	0
FR - FRANCE	2023						
GR - GREECE	2023						
HR - CROATIA	2023	0	0	0	0	0	0
HU - HUNGARY	2023	20	19	1	623	619	4
IE - IRELAND	2023						
IS - ICELAND	2023						
IT - ITALY	2023						
LT - LITHUANIA	2023	0	0	0	0	0	0
LU - LUXEMBOURG	2023	0	0	0	210	210	0
LV - LATVIA	2023	0	0	0	287	287	0
MD - MOLDOVA	2023						
MK - MACEDONIA	2023						
MT - MALTA	2023						
NL - NETHERLANDS	2023	0	0	0	3.752	3.752	0
NO - NORWAY	2023	0	0	0	1.738	1.738	0
PL - POLAND	2023						
PT - PORTUGAL	2023	6	6	0	582	582	0
RO - ROMANIA	2023	0	0	0	88	88	0
SE - SWEDEN	2023	2.087	2.087	0	1.202	1.202	0
SI - SLOVENIA	2023						
SK - SLOVAKIA	2023	20	20	0	118	118	0
TR - TURKEY	2023						
UK - UNITED KINGDOM	2023						

*Partner and non-partner

Distribution and exchange of NON PARTNER - OOCYTES

COUNTRY	Year	N° of oocytes distributed TO a foreign country	Inside the EU	Outside the EU	N° of oocytes received FROM a foreign country	Inside the EU	Outside the EU
AT - AUSTRIA	2023	0	0	0	451	451	0
BE - BELGIUM	2023						
BG - BULGARIA	2023	0	0	0	4.770	2.777	1.993
CH - SWITZERLAND	2022	NA	NA	NA	NA	NA	NA
CY - CYPRUS	2023	1.679	1.490	189	2.666	69	2.597
CZ - CZECHIA	2023						
DE - GERMANY	2023						
DK - DENMARK	2023	NA	NA	NA	NA	NA	NA
EE - ESTONIA	2023						
ES - SPAGNA	2023						
FI - FINLAND	2023	0	0	0	986	986	0
FR - FRANCE	2023						
GR - GREECE	2023						
HR - CROATIA	2023	0	0	0	0	0	0
HU - HUNGARY	2023	0	0	0	0	0	0
IE - IRELAND	2023						
IS - ICELAND	2023						
IT - ITALY	2023						
LT - LITHUANIA	2023	0	0	0	0	0	0
LU - LUXEMBOURG	2023	0	0	0	0	0	0
LV - LATVIA	2023	0	0	0	10	10	0
MD - MOLDOVA	2023						
MK - MACEDONIA	2023						
MT - MALTA	2023						
NL - NETHERLANDS	2023	0	0	0	16	16	0
NO - NORWAY	2023	0	0	0	243	243	0
PL - POLAND	2023						
PT - PORTUGAL	2023	823	823	0	0	0	0
RO - ROMANIA	2023	7	0	7	857	857	0
SE - SWEDEN	2023	87	87	0	862	862	0
SI - SLOVENIA	2023						
SK - SLOVAKIA	2023	452	452	0	125	9	116
TR - TURKEY	2023						
UK - UNITED KINGDOM	2023						

Distribution and exchange of NON PARTNER - EMBRYOS/ZYGOTES

COUNTRY	Year	N° of embryos/zygotes distributed TO a foreign country	Inside the EU	Outside the EU	N° of embryos/zygotes received FROM a foreign country	Inside the EU	Outside the EU
AT - AUSTRIA	2023	0	0	0	7	7	0
BE - BELGIUM	2023						
BG - BULGARIA	2023	2	2	0	30	30	0
CH - SWITZERLAND	2022	NA	NA	NA	NA	NA	NA
CY - CYPRUS	2023	35	17	18	27	6	21
CZ - CZECHIA	2023						
DE - GERMANY	2023						
DK - DENMARK	2023	NA	NA	NA	NA	NA	NA
EE - ESTONIA	2023						
ES - SPAGNA	2023						
FI - FINLAND	2023	0	0	0	0	0	0
FR - FRANCE	2023						
GR - GREECE	2023						
HR - CROATIA	2023						
HU - HUNGARY	2023	10	10	0	0	0	0
IE - IRELAND	2023						
IS - ICELAND	2023						
IT - ITALY	2023						
LT - LITHUANIA	2023	0	0	0	0	0	0
LU - LUXEMBOURG	2023	0	0	0	0	0	0
LV - LATVIA	2023	0	0	0	0	0	0
MD - MOLDOVA	2023						
MK - MACEDONIA	2023						
MT - MALTA	2023						
NL - NETHERLANDS	2023	0	0	0	8	6	2
NO - NORWAY	2023	0	0	0	0	0	0
PL - POLAND	2023						
PT - PORTUGAL	2023	NA	NA	NA	NA	NA	NA
RO - ROMANIA	2023	0	0	0	0	0	0
SE - SWEDEN	2023	0	0	0	4	4	0
SI - SLOVENIA	2023						
SK - SLOVAKIA	2023	104	104	0	79	79	0
TR - TURKEY	2023						
UK - UNITED KINGDOM	2023						

Preservation of reproductive capacity

COUNTRY	Year	N° of oocyte cryopreservation procedures	N° of sperm cryopreservation procedures	N° of patients with ovarian tissue collected	N° of patients with testicular tissue collected
AT - AUSTRIA	2023			18	32
BE - BELGIUM	2023				
BG - BULGARIA	2023	NA	NA	NA	NA
CH - SWITZERLAND	2022	NA	NA	NA	NA
CY - CYPRUS	2023	685	208		12
CZ - CZECHIA	2023				
DE - GERMANY	2023			568	2.540
DK - DENMARK	2023	67	NA	64	20
EE - ESTONIA	2023			2	NE
ES - SPAGNA	2023				
FI - FINLAND	2023			25	94
FR - FRANCE	2023				
GR - GREECE	2023				
HR - CROATIA	2023	81	298	0	86
HU - HUNGARY	2023	43	262	7	179
IE - IRELAND	2023				
IS - ICELAND	2023				
IT - ITALY	2023				
LT - LITHUANIA	2023	10	42	8	2
LU - LUXEMBOURG	2023	4	132	2	0
LV - LATVIA	2023	157	180	0	8
MD - MOLDOVA	2023	14	12	0	0
MK - MACEDONIA	2023				
MT - MALTA	2023				
NL - NETHERLANDS	2023			54	25
NO - NORWAY	2023	559	561	9	46
PL - POLAND	2023				
PT - PORTUGAL	2023	1.210	657	6	102
RO - ROMANIA	2023	211	406	0	44
SE - SWEDEN	2023			25	0
SI - SLOVENIA	2023				
SK - SLOVAKIA	2023	288	849	1	35
TR - TURKEY	2023				
UK - UNITED KINGDOM	2023				

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Appendix I

List of countries and Competent Authorities providing data for 2023

✓ Austria
BASG - Bundesamt für Sicherheit im Gesundheitswesen - Federal Office for Safety in Health Care
Belgium
✓ Bulgaria
Изпълнителна агенция Медицински надзорБългарски (IAMN) (Executive Agency Medical Supervision)
✓ Croatia
Ministarstvo zdravstva Zavod za transplantaciju i biomedicine Služba za transplantaciju (Ministry of Health and Social Welfare)
✓ Cyprus
Υπουργείο Υγείας της Κυπριακής Δημοκρατίας (MOH) (Ministry of Health of Republic of Cyprus)
✓ Czechia
Ministerstvo zdravotnictví České republiky (MZCR) (Ministry of Health of the Czech Republic)
✓ Denmark
Styrelsen for patientsikkerhed (STPS) (Danish Patient Safety Authority)
✓ Estonia
Ravimiamet (Republic of Estonia Agency of Medicines)
✓ Finland
Lääkealan turvallisuus- ja kehittämiskeskus (FIMEA) (Finnish Medicines Agency)
France
✓ Germany
Paul-Ehrlich-Institut (PEI) (Division of Medical Biotechnology)
Greece
✓ Hungary
Nemzeti Népegészségügyi Központ (National Public Health Center)
Iceland
Ireland
Italy
✓ Latvia
Zāļu Valsts Aģentūra (ZVA) (Latvian State Agency of Medicines)
✓ Lithuania
Lietuvos Respublikos Sveikatos Apsaugos Ministerija - Šeimos sveikatos skyrius (SAM) (Health Care Ministry - Family Health Division)
✓ Luxembourg
Ministère de la Santé – Direction de la Santé (MS-EATAT) (Ministry of Health)
Macedonia

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Malta

✓ **Moldova**

Agenția de Transplant (MD) (The Transplant Agency)

✓ **Netherlands**

Ministerie van Volksgezondheid, Welzijn en Sport (MINVWS) (Minister of Health, Welfare and Sport)

✓ **Norway**

Helsedirektoratet (HDIR) (The Directorate for Health)

Poland

✓ **Portugal**

Conselho Nacional de Procriação Medicamente Assistida (CNPMA) (National Council for Medically Assisted Procreation)

✓ **Romania**

Agentia Națională de Transplant (ANT) (National Transplant Agency)

✓ **Slovakia**

Ministerstvo zdravotníctva Slovenskej republiky (NTO) (National Transplant Organisation)

Slovenia

Spain

✓ **Sweden**

Health and Social Care Inspectorate (IVO)

✓ **Switzerland**

Federal Department of Home Affairs (FDHA) - Federal Statistical Office, Section Population Health

Turkey

United Kingdom

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MAR

Glossary

—■ A

Actual donation: A donation in which the donated tissue or cells are considered acceptable for human application after all screening and quarantine procedures.

—■ C

Collection: A process by which tissue or cells are made available.

Couples treated: All couples that initiated a treatment cycle

Cryopreservation: The process of slow freezing or vitrification to preserve biological material (e.g. gametes, zygotes, cleavage-stage embryos, blastocysts or gonadal tissue) at extreme low temperature

Competent Authority (or Health Authority/Regulatory Authority/Regulatory Agency): the body which has been delegated with the responsibility for ensuring that tissue and cell donation, banking and human application are appropriately promoted, regulated and monitored in the interests of donor and patient safety and public transparency on a national or regional basis by their government.

—■ D

Donation: means donating human tissues or cells intended for human applications.

Donor: An individual, living or deceased, who is a source of tissue, cells or embryos for human application and for other purpose including reasearch, from whom tissue, cells and/or embryos have been retrieved

Distribution: Transportation and delivery of tissues, cells and/or embryos to an organization responsible for human application in the EU

—■ E

Embryo: The biological organism resulting from the development of the zygote, until eight completed weeks after fertilization, equivalent to 10 weeks of gestational age.

Embryo donation: The process by which a woman (or couple) donate embryos to enable another woman (or couple) to conceive.

Embryo Transfer (ET): Placement into the uterus of an embryo at any embryonic stage from day 1 to day 7 after IVF or ICSI. Embryos from day 1 to day three can also be transferred into the Fallopian tube

—■ F

Fresh Embryo: An embryo at any embryonic stage from day 1 to day 7 after IVF or ICSI, in the absence of cryopreservation.

Frozen Embryo: A cryopreserved embryo at any embryonic stage from day 1 to day 7 after IVF or ICSI.

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Frozen Tissue: A cryopreserved tissue.

—■ H

Human Application: The use of tissues or cells on or in a human recipient.

Human tissues and cells for human application: Material containing or consisting of human tissues and/or cells intended for implantation, transplantation, infusion, or transfer into a human recipient.

—■ I

Intracytoplasmic sperm injection (ICSI): A procedure in which a single spermatozoon is injected into the oocyte cytoplasm.

In Vitro Fertilisation (IVF): Medically assisted reproduction procedure that involves extracorporeal fertilization. It includes in vitro insemination and intracytoplasmatic sperm injection.

Intra Uterine Insemination (IUI): A procedure in which laboratory processed sperm are placed in the uterus to attempt a pregnancy.

—■ M

Medically assisted reproduction (MAR): Reproduction brought about through various interventions that includes in vitro handling of both human oocytes and sperm, or of embryos, for the purpose of treating different forms of fertility impairment and infertility. These include, but are not limited to, ovulation induction, ovarian stimulation, ovulation triggering, intra-uterine, intracervical and intravaginal insemination with semen of husband/partner or donor, in vitro fertilization, embryo transfer and intracytoplasmatic sperm injection.

—■ N

Non Partner donation: Donation of reproductive cells between a man and a woman who do not have an intimate physical relationship; also called 'third party donation'.

—■ O

Oocyte: The female gamete (egg).

Ovarian tissue: Tissue surgically excised from the ovary with the intention of preserving reproductive capacity.

—■ P

Partner donation: Donation of reproductive cells between a man and a woman who declare that they have an intimate physical relationship.

Procurement: means a process by which tissue or cells are made available;

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Report 2024

This document has been produced by [EUROCET](#) with the data collected by Competent Authorities for Medical Assisted Reproduction (MAR) from European Member States (and other Extra EU countries). This year 21 countries joined the data collection: - 18 EU Member States and 3 Extra EU countries (Moldova, Norway and Switzerland) (*Appendix I*)

The following report shows calculations regarding the whole donation-processing-distribution-transplantation process in the field of MAR for the **year 2023**. (only for Switzerland the reference year is 2022).

The data requested is focused only on donation, leaving out procedures such as FET and all data on results. The MAR data is divided into seven sections: one for collecting data on **partner donation** performed through **IUI and IVF/ICSI**; one on **non-partner donation** activities using **sperm** or **oocytes** or **embryos/zygotes**; one on **non-partner sperm donation** performed through **IUI, IVF/ICSI**, one on **non-partner oocyte donation** performed through **IVF/ICSI**, one on **non-partner oocyte and sperm donation** performed through **IVF/ICSI**, one on **preservation of reproductive capacity (for social and medical reasons)** and a last one on **distribution and exchange of non-partner gametes/embryos (commercialisation)** using **sperm, oocytes** and **embryos/zygotes**.

The glossary (*Appendix II*) has been updated with definitions from both the “EU directive 24/2003 of the European Parliament and of the Council of 31 March 2004 on setting standards of quality and safety for the donation, procurement, testing, processing, preservation, storage and distribution of human tissues and cells” and the “Guide to the quality and safety of tissues and cells for human application, 3rd Edition, 2017” by the Council of Europe.

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For a correct interpretation of the values in the tables, please take into account the following legenda:

NA (Not Available): The requested activity is present in the country but the Competent Authority does not collect the data yet.

NE (Not Existing): the Competent Authority is present in the country but there is not the requested activity.

Blank field: the Competent Authority did not provide any kind of data for this field.

