

EUROCET

*European Network of Competent
Authorities for Tissues and Cells*

Report 2022

TISSUE DATA Year 2021

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European Network of Competent Authorities for Tissues and Cells

Report 2022

This document has been produced and published by EURO CET (www.eurocet.org) with the data collected by Competent Authorities for Tissues from European Member States (and other Extra EU countries).

The following report shows calculations regarding the whole donation-processing-distribution-transplantation process of tissues of human origin for the year 2021.

This year **25** countries joined the collection and provided data - 21 EU Member States and 4 Extra EU countries (UK's National Competent Authority provided data only for Northern Ireland). (*Appendix I*)

This report is divided into three main sections based on the competence of the data presented:

- **Procurement organization¹**

This section includes three tables: one with the number of donors per type of donor (deceased heart-beating donor, deceased non-heart beating donor or living donor), one with data on donation per type of tissue (cornea, skin, heart valves, blood vessels, musculoskeletal, placenta, pancreas, adipose tissue, parathyroids and other tissue) and one with data on procurement per type of tissue.

- **Tissue Establishments²**

This section includes one table on processing, distribution and exchange, with the number of the different types of tissues processed, distributed nationally, received from and distributed to foreign countries (both of the EU and extra EU countries).

- **Organization responsible for human application³**

This section includes a table with data on transplantation for human application with data on the total number of transplant procedures, recipients and tissue transplanted, per each type of tissue.

¹ **Procurement organization** "means a healthcare establishment or a unit of a hospital or another body that undertakes the procurement of human tissues and cells and that may not be accredited, designated, authorised or licensed as a tissue establishment." (Article 2(i) of Directive 2006/86/EC)"

² **Tissue establishment** "means a tissue bank or a unit of a hospital or another body where activities of processing, preservation, storage or distribution of human tissues or cells, is undertaken. It may also be responsible for the procurement or testing of tissues and cells" (Article 3(o) of Directive 2004/23/EC).

³ **Organisation responsible for human application** "means a health care establishment or a unit of a hospital or another body which carries out human application of human tissues and cells." (Article 2(j) of Directive 2006/86/EC)

European Network of Competent Authorities for Tissues and Cells

In order to provide readers with a better understanding of the reports and hoping in further future harmonisation of terms and definitions of the single data at international level at the end of this report a short glossary has been included intended to clarify the meaning of the data shown by the tables (Appendix II).

This glossary 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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Eurocet Registry

Section 1: Procurement Organization

Tissue Donors

	Year	N° of deceased donors DCD	N° of deceased donors DBD	TOTAL of deceased donors	N° of LIVING donors	N° of donors TOTAL
MEMBER STATES OF EU						
AT	AUSTRIA	2021		514	3336	3850
BG	BULGARIA	2021	175	0	175	3716
HR	CROATIA	2021	192	48	240	230
CZ	CZECH REPUBLIC	2021	605	113	718	2075
DK	DENMARK	2021			1728	
EE	ESTONIA	2021	0	23	23	163
FI	FINLAND	2021	265	196	461	694
FR	FRANCE	2021	5084	815	5899	37337
DE	GERMANY	2021				
HU	HUNGARY	2021	25	14	39	622
IT	ITALY	2021	6619	1543	8162	1826
LV	LATVIA	2021	19	0	19	216
LT	LITHUANIA	2021			102	99
LU	LUXEMBOURG	2021	56	1	57	0
NL	NETHERLANDS	2021			2285	2758
PL	POLAND	2021				102
PT	PORTUGAL	2021	238	257	495	52
RO	ROMANIA	2021		30	30	123
SK	SLOVAKIA	2021	120	60	180	2681
ES	SPAIN	2021			3090	1355
SE	SWEDEN	2021		975	975	1051
OTHER COUNTRIES						
MD	MOLDOVA	2021	9	0	9	112
NO	NORWAY	2021	0	183	183	404
CH	SWITZERLAND	2021				
UK	UNITED KINGDOM*	2021				31

* Data only from Northern Ireland

Empty fields:

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Eurocet Registry

Section 1: Procurement Organization

Tissue retrieved per type of donor

	Year	N° of tissue from DCD donor	N° of tissue from DBD donor	TOTAL tissue from DCD + DBD donor	N° of tissue from LIVING donor	N° of tissue retrieved TOTAL
MEMBER STATES OF EU						
AT	AUSTRIA	2021				4245
BG	BULGARIA	2021	2351	2351	3716	6067
HR	CROATIA	2021	376	113	489	319
CZ	CZECH REPUBLIC	2021	4820	295	5115	2076
DK	DENMARK	2021			2759	
EE	ESTONIA	2021	0	96	96	164
FI	FINLAND	2021	723	2283	3006	716
FR	FRANCE	2021	5433	1339	6772	36975
DE	GERMANY	2021				56471
HU	HUNGARY	2021	194	14	208	562
IT	ITALY	2021				21186
LV	LATVIA	2021	38	0	38	219
LT	LITHUANIA	2021			102	99
LU	LUXEMBOURG	2021	111	4	115	0
NL	NETHERLANDS	2021			3098	2758
PL	POLAND	2021				102
PT	PORTUGAL	2021	469	638	1107	52
RO	ROMANIA	2021		65	65	123
SK	SLOVAKIA	2021	227	119	346	2756
ES	SPAIN	2021				
SE	SWEDEN	2021		1833	1833	1240
OTHER COUNTRIES						
MD	MOLDOVA	2021	97	0	97	112
NO	NORWAY	2021	0	427	427	366
CH	SWITZERLAND	2021				
UK	UNITED KINGDOM*	2021				31

* Data only from Northern Ireland

! Empty fields:

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Eurocet Registry

Section 1: Procurement Organization

Tissue donation per type of Tissue

1- CORNEA

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021				-	
BG BULGARIA	2021	48	0	48	-	48
HR CROATIA	2021	338	69	407	-	407
CZ CZECH REPUBLIC	2021	512	0	512	-	518
DK DENMARK	2021			473	-	473
EE ESTONIA	2021	0	23	23	-	23
FI FINLAND	2021	227	48	275	-	275
FR FRANCE	2021	5052	649	5674	-	5674
DE GERMANY	2021				-	
HU HUNGARY	2021	121	14	135	-	135
IT ITALY	2021	5969	910	6879	-	6879
LV LATVIA	2021	19	0	19	-	19
LT LITHUANIA	2021			68	-	68
LU LUXEMBOURG	2021	111	2	113	-	113
NL NETHERLANDS	2021			2218	-	2218
PL POLAND	2021	465	310	775	-	
PT PORTUGAL	2021	469	417	886	-	886
RO ROMANIA	2021		22	22	-	22
SK SLOVAKIA	2021	194	20	214	-	214
ES SPAIN	2021			2647	-	2647
SE SWEDEN	2021		505	505	-	505
OTHER COUNTRIES						
MD MOLDOVA	2021	8	0	8	-	8
NO NORWAY	2021	0	347	357	-	357
CH SWITZERLAND	2021			639	-	639
UK UNITED KINGDOM*	2021	0	0	0	-	0

 Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

2 - SKIN

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	78	0	78	0	78
HR CROATIA	2021	0	0	0	0	0
CZ CZECH REPUBLIC	2021	135	0	135	0	135
DK DENMARK	2021					
EE ESTONIA	2021	0	5	5	0	5
FI FINLAND	2021	0	29	29	0	29
FR FRANCE	2021	155	147	302	0	302
DE GERMANY	2021					
HU HUNGARY	2021	0	0	0	0	0
IT ITALY	2021	188	253	441	0	441
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021					
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021			437	0	437
PL POLAND	2021	7	40	47		
PT PORTUGAL	2021	0	0	0	0	0
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	130	130
ES SPAIN	2021			359	0	359
SE SWEDEN	2021		12	12	21	33
OTHER COUNTRIES						
MD MOLDOVA	2021	4	0	4	0	4
NO NORWAY	2021	0	0	0	0	0
CH SWITZERLAND	2021	0	0	0	0	0
UK UNITED KINGDOM*	2021	0	0	0	0	0

 Empty fields:

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Tissue donation per type of Tissue

3 - BLOOD VESSELS

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	0	0	0	0	0
HR CROATIA	2021	0	7	7	0	7
CZ CZECH REPUBLIC	2021	0	9	9	0	9
DK DENMARK [^]	2021			11	0	11
EE ESTONIA	2021	0	17	17	6	23
FI FINLAND	2021	0	9	9	0	9
FR FRANCE	2021	122	334	456	6188	6644
DE GERMANY	2021					
HU HUNGARY	2021	19	0	19	0	19
IT ITALY	2021	107	69	176	86	262
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021			6		6
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021			17	0	17
PL POLAND	2021					
PT PORTUGAL	2021	0	0	0	0	0
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	0	0
ES SPAIN	2021			129	0	129
SE SWEDEN	2021		230	230		230
OTHER COUNTRIES						
MD MOLDOVA	2021	0	0	0	0	0
NO NORWAY	2021	0	95	95	0	95
CH SWITZERLAND	2021					8
UK UNITED KINGDOM*	2021	0	0	0	0	0

[^]Heart valves and blood vessels are collected combined

* Data only from Northern Ireland

! Empty fields:

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Tissue donation per type of Tissue

4 - HEART VALVES

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	0	0	0	0	0
HR CROATIA	2021	0	2	2	1	3
CZ CZECH REPUBLIC	2021	4	93	97	0	97
DK DENMARK [^]	2021			11	0	11
EE ESTONIA	2021	0	0	0	0	0
FI FINLAND	2021	24	42	66	0	66
FR FRANCE	2021	103	147	250	74	324
DE GERMANY	2021					
HU HUNGARY	2021	0	0	0	0	0
IT ITALY	2021	135	100	235	3	238
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021					
LU LUXEMBOURG	2021	0	1	1	0	1
NL NETHERLANDS	2021			251	0	251
PL POLAND	2021	53	28	81		
PT PORTUGAL	2021	0	18	18	0	18
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	0	0
ES SPAIN	2021			243	3	246
SE SWEDEN	2021		127	127		127
OTHER COUNTRIES						
MD MOLDOVA	2021	0	0	0	0	0
NO NORWAY	2021	0	18	18	0	18
CH SWITZERLAND	2021					37
UK UNITED KINGDOM*	2021	0	0	0	0	0

[^]Heart valves and blood vessels are collected combined

* Data only from Northern Ireland

! Empty fields:

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Tissue donation per type of Tissue

5 - MUSCULOSKELETAL TISSUE (all types)

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	131	0	131	3611	3742
HR CROATIA	2021	0	0	0	221	221
CZ CZECH REPUBLIC	2021	193	16	209	1009	1218
DK DENMARK	2021				1726	1726
EE ESTONIA	2021	0	6	6	131	137
FI FINLAND	2021	14	26	40	685	725
FR FRANCE	2021	28	62	90	30338	30428
DE GERMANY	2021					
HU HUNGARY	2021	16	0	16	631	647
IT ITALY	2021	219	148	367	1376	1743
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021			27	96	123
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021			175	2748	2923
PL POLAND	2021	133	28	161	2	163
PT PORTUGAL	2021	0	203	205	52	257
RO ROMANIA	2021		8	8	123	131
SK SLOVAKIA	2021	24	0	24	273	297
ES SPAIN	2021			1007	933	1940
SE SWEDEN	2021		60	60	1011	1071
OTHER COUNTRIES						
MD MOLDOVA	2021	3	0	3	101	104
NO NORWAY	2021	0	4	4	335	339
CH SWITZERLAND	2021	0	0	0	283	283
UK UNITED KINGDOM*	2021	0	0	0	31	31



Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

6 - PLACENTA

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021	-	-	-		
BG BULGARIA	2021	-	-	-	101	101
HR CROATIA	2021	-	-	-	9	9
CZ CZECH REPUBLIC	2021	-	-	-	376	376
DK DENMARK	2021	-	-	-	2	2
EE ESTONIA	2021	-	-	-	2	2
FI FINLAND	2021	-	-	-	9	9
FR FRANCE	2021	-	-	-	375	375
DE GERMANY	2021	-	-	-		
HU HUNGARY	2021	-	-	-	4	4
IT ITALY	2021	-	-	-	347	347
LV LATVIA	2021	-	-	-	0	0
LT LITHUANIA	2021	-	-	-	3	3
LU LUXEMBOURG	2021	-	-	-		
NL NETHERLANDS	2021	-	-	-	10	10
PL POLAND	2021	-	-	-	102	102
PT PORTUGAL	2021	-	-	-	3	3
RO ROMANIA	2021	-	-	-		
SK SLOVAKIA	2021	-	-	-	21	21
ES SPAIN	2021	-	-	-	51	51
SE SWEDEN	2021	-	-	-	3	3
OTHER COUNTRIES						
MD MOLDOVA	2021	-	-	-	11	11
NO NORWAY	2021	-	-	-	1	1
CH SWITZERLAND	2021	-	-	-	196	196
UK UNITED KINGDOM*	2021	-	-	-		



Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

7 - PANCREAS

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	0	0	0	0	0
HR CROATIA	2021	0	0	0	0	0
CZ CZECH REPUBLIC	2021	0	17	17	0	17
DK DENMARK	2021					
EE ESTONIA	2021	0	0	0	0	0
FI FINLAND	2021	0	0	0	0	0
FR FRANCE	2021	1	13	14		
DE GERMANY	2021					
HU HUNGARY	2021	0	0	0	0	0
IT ITALY	2021	1	63	64	7	71
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021			1		1
LU LUXEMBOURG	2021	0	1	1	0	1
NL NETHERLANDS	2021			23	0	23
PL POLAND	2021	0	0	0	0	0
PT PORTUGAL	2021					
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	0	0
ES SPAIN	2021					
SE SWEDEN	2021		0	0	0	0
OTHER COUNTRIES						
MD MOLDOVA	2021	0	0	0	0	0
NO NORWAY	2021	0	0	0	0	0
CH SWITZERLAND	2021			4	0	4
UK UNITED KINGDOM*	2021	0	0	0	0	0

 Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

8 - HEPATIC TISSUE

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	0	0	0	0	0
HR CROATIA	2021	0	0	0	0	0
CZ CZECH REPUBLIC	2021					
DK DENMARK	2021					
EE ESTONIA	2021	0	0	0	0	0
FI FINLAND	2021	0	0	0	0	0
FR FRANCE	2021					
DE GERMANY	2021					
HU HUNGARY	2021	0	0	0	0	0
IT ITALY	2021					
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021					
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021			0	0	0
PL POLAND	2021	0	0	0	0	0
PT PORTUGAL	2021					
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	0	0
ES SPAIN	2021					
SE SWEDEN	2021					0
OTHER COUNTRIES						
MD MOLDOVA	2021	0	0	0	0	0
NO NORWAY	2021	0	0	0	0	0
CH SWITZERLAND	2021	0	0	0	0	0
UK UNITED KINGDOM*	2021	0	0	0	0	0



Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

9 - ADIPOSE TISSUE

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	0	0	0	0	0
HR CROATIA	2021	0	0	0	0	0
CZ CZECH REPUBLIC	2021	0	0	0	5	5
DK DENMARK	2021				11	11
EE ESTONIA	2021	0	0	0	0	0
FI FINLAND	2021	0	0	0	0	0
FR FRANCE	2021					
DE GERMANY	2021					
HU HUNGARY	2021	0	0	0	0	0
IT ITALY	2021			0	1	1
LV LATVIA	2021	0	0	0	0	0
LT LITHUANIA	2021					
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021			0	0	0
PL POLAND	2021	0	0	0		
PT PORTUGAL	2021					
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	51	51
ES SPAIN	2021					
SE SWEDEN	2021					0
OTHER COUNTRIES						
MD MOLDOVA	2021	0	0	0	0	0
NO NORWAY	2021	0	0	0	0	0
CH SWITZERLAND	2021	0	0	0	0	0
UK UNITED KINGDOM*	2021	0	0	0	0	0



Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

10 - PARATHYROID

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021				0	0
HR CROATIA	2021				0	0
CZ CZECH REPUBLIC	2021				0	0
DK DENMARK	2021					
EE ESTONIA	2021				0	0
FI FINLAND	2021				0	0
FR FRANCE	2021					
DE GERMANY	2021					
HU HUNGARY	2021				0	0
IT ITALY	2021				6	6
LV LATVIA	2021				0	0
LT LITHUANIA	2021					
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021				0	0
PL POLAND	2021				0	0
PT PORTUGAL	2021					
RO ROMANIA	2021					
SK SLOVAKIA	2021				0	0
ES SPAIN	2021					
SE SWEDEN	2021					0
OTHER COUNTRIES						
MD MOLDOVA	2021				0	0
NO NORWAY	2021				0	0
CH SWITZERLAND	2021				0	0
UK UNITED KINGDOM*	2021					

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* Data only from Northern Ireland

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Tissue donation per type of Tissue

11 - NEURONAL TISSUE

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021				0	0
HR CROATIA	2021				0	0
CZ CZECH REPUBLIC	2021					
DK DENMARK	2021				0	0
EE ESTONIA	2021				0	0
FI FINLAND	2021				0	0
FR FRANCE	2021					
DE GERMANY	2021					
HU HUNGARY	2021				0	0
IT ITALY	2021					
LV LATVIA	2021				0	0
LT LITHUANIA	2021					
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021				0	0
PL POLAND	2021				0	0
PT PORTUGAL	2021					
RO ROMANIA	2021					
SK SLOVAKIA	2021				0	0
ES SPAIN	2021					
SE SWEDEN	2021					0
OTHER COUNTRIES						
MD MOLDOVA	2021				0	0
NO NORWAY	2021				0	0
CH SWITZERLAND	2021				0	0
UK UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

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Tissue donation per type of Tissue

99 - OTHERS (tympanic membrane, etc...)

	Year	N° of deceased donation DCD	N° of deceased donation DBD	TOTAL deceased DCD + DBD donation	N° of LIVING donation	N° of donation TOTAL
MEMBER STATES OF EU						
AT AUSTRIA	2021					
BG BULGARIA	2021	46	0	46	0	46
HR CROATIA	2021	0	0	0	0	0
CZ CZECH REPUBLIC	2021	0	0	0	635	635
DK DENMARK	2021					
EE ESTONIA	2021	0	0	0	24	24
FI FINLAND	2021	0	42	42	0	42
FR FRANCE	2021					
DE GERMANY	2021					
HU HUNGARY	2021	46	0	46	67	113
IT ITALY	2021					
LV LATVIA	2021	0	0	0	216	216
LT LITHUANIA	2021					
LU LUXEMBOURG	2021					
NL NETHERLANDS	2021			0	0	0
PL POLAND	2021					
PT PORTUGAL	2021					
RO ROMANIA	2021					
SK SLOVAKIA	2021	0	0	0	2204	2204
ES SPAIN	2021					
SE SWEDEN	2021		9	9		9
OTHER COUNTRIES						
MD MOLDOVA	2021	0	0	0	0	0
NO NORWAY	2021	0	31	31	0	31
CH SWITZERLAND	2021	0	0	0	0	0
UK UNITED KINGDOM*	2021	0	0	0	0	0



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Eurocet Registry

Section 1: Procurement Organization

Tissue rYf JYj YX per type of Tissue

1- CORNEA

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021					
BG	BULGARIA	2021	91		91		91
HR	CROATIA	2021	376	92	468		468
CZ	CZECH REPUBLIC	2021	1022	0	1022		1028
DK	DENMARK	2021			946		946
EE	ESTONIA	2021	0	46	46		46
FI	FINLAND	2021	453	96	549		549
FR	FRANCE	2021	9646	1444	11090		11090
DE	GERMANY	2021					12730
HU	HUNGARY	2021	151	20	171		171
IT	ITALY	2021			13561		13561
LV	LATVIA	2021	38	0	38		38
LT	LITHUANIA	2021			68		68
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			4427		4427
PL	POLAND	2021			1545		
PT	PORTUGAL	2021					866
RO	ROMANIA	2021	44		44		44
SK	SLOVAKIA	2021	40	280	320		320
ES	SPAIN	2021			5717		5717
SE	SWEDEN	2021	1009		1009		1009
OTHER COUNTRIES							
MD	MOLDOVA	2021	16	0	16		16
NO	NORWAY	2021	0	339	339		339
CH	SWITZERLAND	2021			639		639
UK	UNITED KINGDOM*	2021					

! Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

2 - SKIN (cm2)

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021			0	0	0
BG	BULGARIA	2021	109603		109603		109603
HR	CROATIA	2021	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	9594	0	9594	0	9594
DK	DENMARK	2021					
EE	ESTONIA	2021					
FI	FINLAND	2021	0	190264	190264		190264
FR	FRANCE	2021	247147	332901	580048	0	580048
DE	GERMANY	2021					15522
HU	HUNGARY	2021	0	0	0	0	0
IT	ITALY	2021				0	1085938
LV	LATVIA	2021					
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			135045	0	135045
PL	POLAND	2021					
PT	PORTUGAL	2021					5425
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	0	0	0	0
ES	SPAIN	2021			968730	0	968730
SE	SWEDEN	2021	30		30	21	51
OTHER COUNTRIES							
MD	MOLDOVA	2021	11098	0	11098	0	11098
NO	NORWAY	2021					
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

3 - BLOOD VESSELS

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021			4		4
BG	BULGARIA	2021	0		0		
HR	CROATIA	2021	0	13	13	0	13
CZ	CZECH REPUBLIC	2021	0	17	17	0	17
DK	DENMARK [^]	2021			71	0	71
EE	ESTONIA	2021	0	21	21	6	27
FI	FINLAND	2021	0	18	18		18
FR	FRANCE	2021			1428	6188	7616
DE	GERMANY	2021					359
HU	HUNGARY	2021	19	0	19	0	19
IT	ITALY	2021					602
LV	LATVIA	2021					
LT	LITHUANIA	2021			6		6
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			160	0	160
PL	POLAND	2021					
PT	PORTUGAL	2021					0
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	0	0	0	0
ES	SPAIN	2021			290	0	290
SE	SWEDEN	2021	308		308		308
OTHER COUNTRIES							
MD	MOLDOVA	2021	0	0	0	0	0
NO	NORWAY	2021	0	95	95	0	95
CH	SWITZERLAND	2021					8
UK	UNITED KINGDOM*	2021					

[^]Heart valves and blood vessels are collected combined

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

4 - HEART VALVES

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021			20		20
BG	BULGARIA	2021	0		0		
HR	CROATIA	2021	0	4	4	2	6
CZ	CZECH REPUBLIC	2021	5	136	141	0	141
DK	DENMARK ^	2021			71	0	71
EE	ESTONIA	2021					
FI	FINLAND	2021	0	50	50		50
FR	FRANCE	2021			689	74	763
DE	GERMANY	2021					640
HU	HUNGARY	2021	0	0	0	0	0
IT	ITALY	2021			380	3	383
LV	LATVIA	2021					
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			504	0	504
PL	POLAND	2021					
PT	PORTUGAL	2021					18
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	0	0	0	0
ES	SPAIN	2021					491
SE	SWEDEN	2021	171		171		171
OTHER COUNTRIES							
MD	MOLDOVA	2021	0	0	0	0	0
NO	NORWAY	2021	0	18	18	0	18
CH	SWITZERLAND	2021					37
UK	UNITED KINGDOM*	2021					

^Heart valves and blood vessels are collected combined

* Data only from Northern Ireland

! Empty fields:

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

5 - MUSCULOSKELETAL TISSUE (all types)

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021					2968
BG	BULGARIA	2021	2060		2060	3611	5671
HR	CROATIA	2021	0	0	0	308	308
CZ	CZECH REPUBLIC	2021	3587	142	3729	934	4663
DK	DENMARK	2021				2108	2108
EE	ESTONIA	2021	0	24	24	132	156
FI	FINLAND	2021	270	503	773	701	1474
FR	FRANCE	2021			3970	30338	34308
DE	GERMANY	2021					40042
HU	HUNGARY	2021	184	0	184	584	768
IT	ITALY	2021			4616	1509	6125
LV	LATVIA	2021					
LT	LITHUANIA	2021			27	96	123
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			1516	2748	4264
PL	POLAND	2021					
PT	PORTUGAL	2021					76
RO	ROMANIA	2021	21		21	123	144
SK	SLOVAKIA	2021	0	24	24	109	133
ES	SPAIN	2021					21782
SE	SWEDEN	2021	205		205	897	1102
OTHER COUNTRIES							
MD	MOLDOVA	2021	6	0	6	101	107
NO	NORWAY	2021	0	68	68	363	431
CH	SWITZERLAND	2021					283
UK	UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

6 - PLACENTA

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021	-	-	-	42	42
BG	BULGARIA	2021	-	-	-	101	101
HR	CROATIA	2021	-	-	-	9	9
CZ	CZECH REPUBLIC	2021	-	-	-	376	376
DK	DENMARK	2021	-	-	-	2	2
EE	ESTONIA	2021	-	-	-	2	2
FI	FINLAND	2021	-	-	-	9	9
FR	FRANCE	2021	-	-	-	375	375
DE	GERMANY	2021	-	-	-		176
HU	HUNGARY	2021	-	-	-	4	4
IT	ITALY	2021	-	-	-	347	347
LV	LATVIA	2021	-	-	-	0	0
LT	LITHUANIA	2021	-	-	-	3	3
LU	LUXEMBOURG	2021	-	-	-		
NL	NETHERLANDS	2021	-	-	-	10	10
PL	POLAND	2021	-	-	-	102	102
PT	PORTUGAL	2021	-	-	-	3	3
RO	ROMANIA	2021	-	-	-		
SK	SLOVAKIA	2021	-	-	-	21	21
ES	SPAIN	2021	-	-	-	1984	1984
SE	SWEDEN	2021	-	-	-	229	229
OTHER COUNTRIES							
MD	MOLDOVA	2021	-	-	-	11	11
NO	NORWAY	2021	-	-	-	1	1
CH	SWITZERLAND	2021	-	-	-	196	196
UK	UNITED KINGDOM*	2021	-	-	-		

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

7 - PANCREAS

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021			0	0	0
BG	BULGARIA	2021					
HR	CROATIA	2021	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	0	17	17	0	17
DK	DENMARK	2021				0	0
EE	ESTONIA	2021					
FI	FINLAND	2021					
FR	FRANCE	2021	1	13	14		
DE	GERMANY	2021					3
HU	HUNGARY	2021	0	0	0	0	0
IT	ITALY	2021					68
LV	LATVIA	2021					
LT	LITHUANIA	2021			1		1
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			11	0	11
PL	POLAND	2021	0	0	0	0	0
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	0	0	0	0
ES	SPAIN	2021					
SE	SWEDEN	2021	0		0	0	0
OTHER COUNTRIES							
MD	MOLDOVA	2021					
NO	NORWAY	2021	0	1	1	0	1
CH	SWITZERLAND	2021			4		4
UK	UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

8 - HEPATIC TISSUE

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021			0	0	0
BG	BULGARIA	2021					
HR	CROATIA	2021	0	0	0	0	0
CZ	CZECH REPUBLIC	2021					
DK	DENMARK	2021				0	0
EE	ESTONIA	2021					
FI	FINLAND	2021					
FR	FRANCE	2021					
DE	GERMANY	2021					0
HU	HUNGARY	2021	0	0	0	0	0
IT	ITALY	2021					
LV	LATVIA	2021					
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			0	0	0
PL	POLAND	2021	0	0	0	0	0
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	0	0	0	0
ES	SPAIN	2021					
SE	SWEDEN	2021					
OTHER COUNTRIES							
MD	MOLDOVA	2021					
NO	NORWAY	2021	0	0	0	0	0
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM*	2021					

 **Empty fields:**

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

9 - ADIPOSE TISSUE

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021			0	0	0
BG	BULGARIA	2021					
HR	CROATIA	2021	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	0	0	0	5	5
DK	DENMARK	2021				11	11
EE	ESTONIA	2021					
FI	FINLAND	2021				0	0
FR	FRANCE	2021					
DE	GERMANY	2021					47
HU	HUNGARY	2021	0	0	0	0	0
IT	ITALY	2021					1
LV	LATVIA	2021				0	0
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021			0	0	0
PL	POLAND	2021	0	0	0		
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	0	0	51	51
ES	SPAIN	2021					
SE	SWEDEN	2021					
OTHER COUNTRIES							
MD	MOLDOVA	2021	0	0	0	0	0
NO	NORWAY	2021	0	0	0	0	0
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

10 - PARATHYROID

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021				32	32
BG	BULGARIA	2021					
HR	CROATIA	2021				0	0
CZ	CZECH REPUBLIC	2021				0	0
DK	DENMARK	2021					
EE	ESTONIA	2021					
FI	FINLAND	2021					
FR	FRANCE	2021				0	0
DE	GERMANY	2021					0
HU	HUNGARY	2021				0	0
IT	ITALY	2021					99
LV	LATVIA	2021					
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021				0	0
PL	POLAND	2021				0	0
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021				0	0
ES	SPAIN	2021					
SE	SWEDEN	2021					
OTHER COUNTRIES							
MD	MOLDOVA	2021					
NO	NORWAY	2021				125	125
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

11 - NEURONAL TISSUE

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021				0	0
BG	BULGARIA	2021					
HR	CROATIA	2021				0	0
CZ	CZECH REPUBLIC	2021					
DK	DENMARK	2021				0	0
EE	ESTONIA	2021					
FI	FINLAND	2021				0	0
FR	FRANCE	2021					
DE	GERMANY	2021					0
HU	HUNGARY	2021				0	0
IT	ITALY	2021					
LV	LATVIA	2021					
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021				0	0
PL	POLAND	2021				0	0
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021				0	0
ES	SPAIN	2021					
SE	SWEDEN	2021					
OTHER COUNTRIES							
MD	MOLDOVA	2021				0	0
NO	NORWAY	2021				0	0
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM	2021					

 Empty fields:

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

12 - AUTOLOGOUS CRANIECTOMY PIECES

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021				184	184
BG	BULGARIA	2021					
HR	CROATIA	2021				0	0
CZ	CZECH REPUBLIC	2021				171	171
DK	DENMARK	2021				46	46
EE	ESTONIA	2021					
FI	FINLAND	2021				6	6
FR	FRANCE	2021				362	362
DE	GERMANY	2021					0
HU	HUNGARY	2021				0	0
IT	ITALY	2021					707
LV	LATVIA	2021					
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021				0	0
PL	POLAND	2021				4	4
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021				155	155
ES	SPAIN	2021					
SE	SWEDEN	2021				93	93
OTHER COUNTRIES							
MD	MOLDOVA	2021				0	0
NO	NORWAY	2021				13	13
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM*	2021					

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue recovered per type of Tissue

99 - OTHERS (tympanic membrane, etc...)

		Year	N° of Tissue retrieved deceased DCD	N° of Tissue retrieved deceased DBD	TOTAL Tissue retrieved DCD + DBD donor	N° of Tissue retrieved LIVING donation	N° of Tissue retrieved TOTAL
MEMBER STATES OF EU							
AT	AUSTRIA	2021				12	12
BG	BULGARIA	2021	46		46		46
HR	CROATIA	2021	0	4	4	0	4
CZ	CZECH REPUBLIC	2021	0	0	0	635	635
DK	DENMARK	2021					
EE	ESTONIA	2021				24	24
FI	FINLAND	2021	0	77	77	0	77
FR	FRANCE	2021					
DE	GERMANY	2021					2374
HU	HUNGARY	2021	46	0	46	3937	3983
IT	ITALY	2021					
LV	LATVIA	2021				219	219
LT	LITHUANIA	2021					
LU	LUXEMBOURG	2021					
NL	NETHERLANDS	2021				0	0
PL	POLAND	2021					
PT	PORTUGAL	2021					
RO	ROMANIA	2021					
SK	SLOVAKIA	2021	0	2	0	2204	2204
ES	SPAIN	2021					
SE	SWEDEN	2021	110		110		110
OTHER COUNTRIES							
MD	MOLDOVA	2021	0	0	0	0	0
NO	NORWAY	2021	0	91	91	8	99
CH	SWITZERLAND	2021					
UK	UNITED KINGDOM*	2021					

! Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Eurocet Registry

Section 2: Tissue Establishments

Tissue Exchange Activity

1- OCULAR TISSUE (units)

1- OCULAR TISSUE (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021		742		0	0	0			
BG	BULGARIA	2021		91	72	13	4	17	0	0	
CZ	CZECH REPUBLIC	2021		974	677	0	0	0	115	5	
DE	GERMANY	2021		11500	9090	212	904	126748	32	78	
DK	DENMARK ^	2021		946	946	0	0	0	0	0	
EE	ESTONIA	2021		47	64	0	0	0	0	0	
ES	SPAIN	2021		5031	3882			45		6	
FI	FINLAND	2021		402	401	24	0	24	0	0	
FR	FRANCE	2021		5571	5372	0	0	0	70	0	
HR	CROATIA	2021		472	272	0	0	0	0	0	
HU	HUNGARY	2021		157	71	0	0	0	0	0	
IT	ITALY	2021		6783	6301			0	653	260	
LT	LITHUANIA	2021		68	68	0	0	0	0	0	
LU	LUXEMBOURG	2021							113	0	
LV	LATVIA	2021		38	47	0	9	9	0	0	
NL	NETHERLANDS	2021		5062	3770	16	10	26	575	45	
PL	POLAND	2021		1557	1369	0	0	0	0	0	
PT	PORTUGAL	2021		964	664	287	0	287	0	0	
RO	ROMANIA	2021		44	44	0	1	1	0	0	
SE	SWEDEN	2021		1167	758	0	0	0	0	0	
SK	SLOVAKIA	2021		322	220	42	0	42	0	0	
OTHER COUNTRIES											
CH	SWITZERLAND	2021						517	0	0	
MD	MOLDOVA	2021		14	7	0	0	0	0	0	
NO	NORWAY	2021		396	245	0	82	82	0	0	
UK	UNITED KINGDOM*	2021		0	0	0	29	29	0	0	

* Data only from Northern Ireland

^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

2 - SKIN (units)

2 - SKIN (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021	0			0	0	0			
BG	BULGARIA	2021	38	0		0	0	0	0	38	
CZ	CZECH REPUBLIC	2021	3106	291		0	0	0	2410	0	
DE	GERMANY	2021	126748	150067		117000	0	150067	9766	826	
DK	DENMARK	2021									
EE	ESTONIA	2021	20	7		0	0	0	0	0	
ES	SPAIN	2021	860364	419294				0		59200	
FI	FINLAND	2021	998	1663		10000	0	0	0	0	
FR	FRANCE	2021	423120	377944		0	0	0	65194	0	
HR	CROATIA	2021	0	0		0	0	0	0	0	
HU	HUNGARY	2021	0	0		0	0	0	0	0	
IT	ITALY	2021		4537							
LT	LITHUANIA	2021				0	0	0	0	0	
LU	LUXEMBOURG	2021									
LV	LATVIA	2021	0	0		0	0	0	0	0	
NL	NETHERLANDS	2021	533	1556		46	0	46	5963	2193	
PL	POLAND	2021	1968	2419		0	0	0	0	0	
PT	PORTUGAL	2021	0	8		0	0	0	0	0	
RO	ROMANIA	2021									
SE	SWEDEN	2021	61	40		0	0	0	0	0	
SK	SLOVAKIA	2021	0	34		0	0	0	0	0	
OTHER COUNTRIES											
CH	SWITZERLAND	2021	0	0		0	0	0	0	0	
MD	MOLDOVA	2021	75	77		0	0	0	0	0	
NO	NORWAY	2021	0	0		593	0	593	0	0	
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0	

* Data only from Northern Ireland

 **Empty fields:** The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

3 - BLOOD VESSELS (units)

3 - BLOOD VESSELS (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021	4			0	0	0			
BG	BULGARIA	2021	0	0		0	0	0	0	0	
CZ	CZECH REPUBLIC	2021	18	19		0	0	0	0	0	
DE	GERMANY	2021	337	113		0	0	0	0	0	
DK	DENMARK ^{^o}	2021	71	1		0	0	0	0	0	
EE	ESTONIA	2021	44	34		0	0	0	0	0	
ES	SPAIN	2021	287	249				19		6	
FI	FINLAND	2021	15	18		0	0	0	0	0	
FR	FRANCE	2021	3490	3386		61	0	61	96	96	
HR	CROATIA	2021	5	2		0	0	0	0	0	
HU	HUNGARY	2021	122	13		0	0	0	0	0	
IT	ITALY	2021	410	396							
LT	LITHUANIA	2021	6	6		0	0	0	0	0	
LU	LUXEMBOURG	2021		29		29		29			
LV	LATVIA	2021	0	0		0	0	0	0	0	
NL	NETHERLANDS	2021	160	35		0	0	0	33	33	
PL	POLAND	2021	7	1		0	0	0	0	0	
PT	PORTUGAL	2021	0	0		0	0	0	0	0	
RO	ROMANIA	2021									
SE	SWEDEN	2021	318	59		10	0	10	17	17	
SK	SLOVAKIA	2021	0	8		0	0	0	0	0	
OTHER COUNTRIES											
CH	SWITZERLAND	2021	0	0		11	0	11	12	12	
MD	MOLDOVA	2021	0	0		0	0	0	0	0	
NO	NORWAY	2021	95	61		0	0	0	0	0	
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0	

* Data only from Northern Ireland

[^] The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

^o Heart valves and blood vessels are collected combined

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

4 - HEART VALVES (units)

4 - HEART VALVES (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021	23			0	0	0			
BG	BULGARIA	2021	0	0		0	0	0	0	0	
CZ	CZECH REPUBLIC	2021	141	127		0	0	0	0	0	
DE	GERMANY	2021	486	208		10	0	10	39	42	
DK	DENMARK ^{^o}	2021	71	1		0	0	0	0	0	
EE	ESTONIA	2021	0	0		0	0	0	0	0	
ES	SPAIN	2021	491	200				0		126	
FI	FINLAND	2021	25	27		0	0	0	2	4	
FR	FRANCE	2021	159	229		63	0	63	76	76	
HR	CROATIA	2021	4	7		0	0	0	0	0	
HU	HUNGARY	2021	0	0		0	0	0	0	0	
IT	ITALY	2021	247	243							
LT	LITHUANIA	2021				0	0	0	0	0	
LU	LUXEMBOURG	2021							1	1	
LV	LATVIA	2021	0	0		0	0	0	0	0	
NL	NETHERLANDS	2021	504	110		0	0	0	19	19	
PL	POLAND	2021	67	79		0	0	0	0	0	
PT	PORTUGAL	2021	20	5		0	0	0	0	0	
RO	ROMANIA	2021									
SE	SWEDEN	2021	171	85		0	0	0	50	50	
SK	SLOVAKIA	2021	0	1		0	0	0	0	0	
OTHER COUNTRIES											
CH	SWITZERLAND	2021	0	0		9	0	9	33	33	
MD	MOLDOVA	2021	0	0		0	0	0	0	0	
NO	NORWAY	2021	18	0		18	0	18	0	0	
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0	

* Data only from Northern Ireland

[^] The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

^o Heart valves and blood vessels are collected combined

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5 - MUSCULOSKELETAL TISSUE (all types) (units)

5 - MUSCULOSKELETAL TISSUE (all types) (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries		
	Year	Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU									
AT	AUSTRIA	2021	65553	7168	0	7168			
BG	BULGARIA	2021	255	279	4005	4005		299	299
CZ	CZECH REPUBLIC	2021	4130	1523	37	37	815	768	1583
DE	GERMANY	2021	132210	73932	9195	9223	24660	18139	42799
DK	DENMARK ^	2021	2403	1806	14		0	0	0
EE	ESTONIA	2021	615	451	201	201	0	0	0
ES	SPAIN	2021	23723	27380		19			422
FI	FINLAND	2021	614	691	0	0	0	0	0
FR	FRANCE	2021	27618	88205	2996	2996	13058	0	13058
HR	CROATIA	2021	274	196	10	10	0	0	0
HU	HUNGARY	2021	4513	4456	0	0	75	0	75
IT	ITALY	2021		11816		0	15	11	26
LT	LITHUANIA	2021	54	54	0	0	0	0	0
LU	LUXEMBOURG	2021		704	1414	3834	3130		3130
LV	LATVIA	2021	0	0	0	0	0	0	0
NL	NETHERLANDS	2021	12358	14687	0	0	19110	18899	38009
PL	POLAND	2021	11049	14081	3733	3733	0	0	0
PT	PORTUGAL	2021	441	483	121	121	0	0	0
RO	ROMANIA	2021	144	97	0	0	0	0	0
SE	SWEDEN	2021	1430	691	0	153	3	0	3
SK	SLOVAKIA	2021	429	404	0	0	37	0	37
OTHER COUNTRIES									
CH	SWITZERLAND	2021				184	0	0	0
MD	MOLDOVA	2021	475	511	0	0	0	0	0
NO	NORWAY	2021	198	95	50	70	0	0	0
UK	UNITED KINGDOM*	2021	0	54	0	212	0	0	0

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^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5.1 - Whole or part supporting bone or tendon (units)

5.1 - Whole or part supporting bone or tendon (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries		
	Year	Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU									
AT	AUSTRIA	2021							
BG	BULGARIA	2021	166	181		0		0	0
CZ	CZECH REPUBLIC	2021	2419	909	37	0	37	386	689
DE	GERMANY	2021	21586	17897	0	2	2	394	138
DK	DENMARK^	2021	1808	1180		2		0	0
EE	ESTONIA	2021	31	37	0	0	0	0	0
ES	SPAIN	2021							
FI	FINLAND	2021	288	232	0	0	0	0	0
FR	FRANCE	2021	188	326	72	0	72	0	0
HR	CROATIA	2021	186	131	5	0	5	0	0
HU	HUNGARY	2021	216	176	0	0	0	69	0
IT	ITALY	2021		246					
LT	LITHUANIA	2021			0	0	0	0	0
LU	LUXEMBOURG	2021		232	485	4	489	257	257
LV	LATVIA	2021	0	0	0	0	0	0	0
NL	NETHERLANDS	2021	2709	1930	0	0	0	682	16
PL	POLAND	2021			0	0	0	0	0
PT	PORTUGAL	2021			0	0	0	0	0
RO	ROMANIA	2021	130	78	0	0	0	0	0
SE	SWEDEN	2021	1122	553	0	0	0	3	0
SK	SLOVAKIA	2021	236	106	0	0	0	0	0
OTHER COUNTRIES									
CH	SWITZERLAND	2021					3	0	0
MD	MOLDOVA	2021	56	119	0	0	0	0	0
NO	NORWAY	2021	0	0	0	12	12	0	0
UK	UNITED KINGDOM*	2021	0	54	0	0	0	0	0

* Data only from Northern Ireland

[^] The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5.2 - Tendons/Ligaments (units)

5.2 - Tendons/Ligaments (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries			
Year			Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU										
AT	AUSTRIA	2021	0		0	0	0			
BG	BULGARIA	2021	16	15		0	0	0	0	0
CZ	CZECH REPUBLIC	2021	1098	385	0	0	0	295	65	360
DE	GERMANY	2021	8417	6010	19	0	19	529	1052	1581
DK	DENMARK ^	2021	163	106	0	27	27	0	0	0
EE	ESTONIA	2021	10	18	0	0	0	0	0	0
ES	SPAIN	2021								
FI	FINLAND	2021	5	7	0	0	0	0	0	0
FR	FRANCE	2021	332	636	329	0	329	0	0	0
HR	CROATIA	2021	0	0	1	0	1	0	0	0
HU	HUNGARY	2021	15	15	0	0	0	6	0	6
IT	ITALY	2021	1556							
LT	LITHUANIA	2021			0	0	0	0	0	0
LU	LUXEMBOURG	2021		1		3	3	2		2
LV	LATVIA	2021	0	0	0	0	0	0	0	0
NL	NETHERLANDS	2021	1240	559	0	0	0	32	0	32
PL	POLAND	2021	622	535	0	0	0	0	0	0
PT	PORTUGAL	2021			0	0	0	0	0	0
RO	ROMANIA	2021	14	19	0	0	0	0	0	0
SE	SWEDEN	2021	245	138	0	153	153	0	0	0
SK	SLOVAKIA	2021	13	11	0	0	0	0	0	0
OTHER COUNTRIES										
CH	SWITZERLAND	2021					10	0	0	0
MD	MOLDOVA	2021	2	6	0	0	0	0	0	0
NO	NORWAY	2021	4	0	4	26	30	0	0	0
UK	UNITED KINGDOM*	2021	0	0	0	5	5	0	0	0

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^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5.3 - Cartilage (units)

5.3 - Cartilage (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries			
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL	
MEMBER STATES OF EU												
AT	AUSTRIA	2021	0			0	0	0				
BG	BULGARIA	2021	0	0			0	0		0		0
CZ	CZECH REPUBLIC	2021	62	0		0	0	0	0	13		13
DE	GERMANY	2021	27126	3429		0	0	0	93	82		175
DK	DENMARK ^	2021	34	11		0	0	0	0	0		0
EE	ESTONIA	2021	0	0		0	0	0	0	0		0
ES	SPAIN	2021										
FI	FINLAND	2021	24	0		0	0	0	0	0		0
FR	FRANCE	2021	0	0		0	0	0	0	0		0
HR	CROATIA	2021	0	0		0	0	0	0	0		0
HU	HUNGARY	2021	0	0		0	0	0	0	0		0
IT	ITALY	2021										
LT	LITHUANIA	2021				0	0	0	0	0		0
LU	LUXEMBOURG	2021										
LV	LATVIA	2021	0	0		0	0	0	0	0		0
NL	NETHERLANDS	2021	40	36		0	0	0	0	0		0
PL	POLAND	2021	15	12		0	0	0	0	0		0
PT	PORTUGAL	2021				0	0	0	0	0		0
RO	ROMANIA	2021										
SE	SWEDEN	2021	0									
SK	SLOVAKIA	2021	12	0		0	0	0	0	0		0
OTHER COUNTRIES												
CH	SWITZERLAND	2021							0	0		0
MD	MOLDOVA	2021	0	0		0	0	0	0	0		0
NO	NORWAY	2021	2	1		0	0	0	0	0		0
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0		0

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🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5.4 - Osteochondral grafts (units)

5.4 - Osteochondral grafts (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021									
BG	BULGARIA	2021	0	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2021									
DE	GERMANY	2021	0	0	0		0	0	0	0	0
DK	DENMARK ^{^o}	2021	0					0	0	0	0
EE	ESTONIA	2021	0	0	0		0	0	0	0	0
ES	SPAIN	2021									
FI	FINLAND	2021	20	17	0		0	0	0	0	0
FR	FRANCE	2021	27088	87201	2582		2582	13058	0	13058	
HR	CROATIA	2021	0	0	0		0	0	0	0	0
HU	HUNGARY	2021	7	7	0		0	0	0	0	0
IT	ITALY	2021									
LT	LITHUANIA	2021			0		0	0	0	0	0
LU	LUXEMBOURG	2021									
LV	LATVIA	2021	0	0	0		0	0	0	0	0
NL	NETHERLANDS	2021	83	33	0		0	2	0	2	
PL	POLAND	2021			0	0	0	0	0	0	0
PT	PORTUGAL	2021			0		0	0	0	0	0
RO	ROMANIA	2021									
SE	SWEDEN	2021	0								
SK	SLOVAKIA	2021	0	0	0		0	0	0	0	0
OTHER COUNTRIES											
CH	SWITZERLAND	2021					133	0	0	0	0
MD	MOLDOVA	2021	0	0	0		0	0	0	0	0
NO	NORWAY	2021	0	0	0	0	0	0	0	0	0
UK	UNITED KINGDOM*	2021	0	0	0	12	12	0	0	0	0

* Data only from Northern Ireland

[^] The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

^o Osteochondral graft and Bone filling material are collected combined

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5.5 - Bone filling material (units)

5.5 - Bone filling material (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021									
BG	BULGARIA	2021	73	83		4005	4005		0	0	
CZ	CZECH REPUBLIC	2021	395	136	0	0	0	63	0	63	
DE	GERMANY	2021	64698	44888	9158	15	9173	18007	14570	32577	
DK	DENMARK ^{^o}	2021	0			0	701		0	0	
EE	ESTONIA	2021	574	396	201	0	201	0	0	0	
ES	SPAIN	2021									
FI	FINLAND	2021	265	255	0	0	0	0	0	0	
FR	FRANCE	2021	10	42	13	0	13	0	0	0	
HR	CROATIA	2021	88	63	2	0	2	0	0	0	
HU	HUNGARY	2021	4275	4258	0	0	0	0	0	0	
IT	ITALY	2021		5908							
LT	LITHUANIA	2021			0	0	0	0	0	0	
LU	LUXEMBOURG	2021		471	929	2413	3342	2871		2871	
LV	LATVIA	2021	0	0	0	0	0	0	0	0	
NL	NETHERLANDS	2021	2107	12110	0	0	0	18387	18883	37270	
PL	POLAND	2021			0	0	0	0	0	0	
PT	PORTUGAL	2021			0	0	0	0	0	0	
RO	ROMANIA	2021									
SE	SWEDEN	2021	0								
SK	SLOVAKIA	2021	188	287	0	0	0	0	0	0	
OTHER COUNTRIES											
CH	SWITZERLAND	2021						0	0	0	
MD	MOLDOVA	2021	417	386	0	0	0	0	0	0	
NO	NORWAY	2021	192	73	46	0	46	0	0	0	
UK	UNITED KINGDOM*	2021	0	0	0	195	195	0	0	0	

* Data only from Northern Ireland

[^] The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

^o Osteochondral graft and Bone filling material are collected combined

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

5.6 - Other musculoskeletal (meniscus, ear ossicles...) (units)

5.6 - Other musculoskeletal (meniscus, ear ossicles...) (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries			
Year			Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU										
AT	AUSTRIA	2021	0		0	0	0			
BG	BULGARIA	2021	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	156	93	0	0	0	71	1	72
DE	GERMANY	2021	10383	1708	18	11	29	5637	2297	7934
DK	DENMARK ^	2021	46	11	0	0	0	0	0	0
EE	ESTONIA	2021	0	0	0	0	0	0	0	0
ES	SPAIN	2021								
FI	FINLAND	2021	1	1	0	0	0	0	0	0
FR	FRANCE	2021	3185	6405	0	0	0	867	0	867
HR	CROATIA	2021	0	2	2	0	2	0	0	0
HU	HUNGARY	2021	0	0	0	0	0	0	0	0
IT	ITALY	2021								
LT	LITHUANIA	2021			0	0	0	0	0	0
LU	LUXEMBOURG	2021		2						
LV	LATVIA	2021	0	0	0	0	0	0	0	0
NL	NETHERLANDS	2021	53	19	0	0	0	7	0	7
PL	POLAND	2021	43	26	0	0	0	0	0	0
PT	PORTUGAL	2021			0	0	0	0	0	0
RO	ROMANIA	2021								
SE	SWEDEN	2021	63	0	0	0	0	0	0	0
SK	SLOVAKIA	2021	0	0	0	0	0	0	0	0
OTHER COUNTRIES										
CH	SWITZERLAND	2021					38	0	0	0
MD	MOLDOVA	2021	0	0	0	0	0	0	0	0
NO	NORWAY	2021	0	21	0	32	32	0	0	0
UK	UNITED KINGDOM*	2021	0	0	0	0	0	0	0	0

* Data only from Northern Ireland

^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

6 - AMNIOTIC MEMBRANE (units)

6 - AMNIOTIC MEMBRANE (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021	432			0	0	0			
BG	BULGARIA	2021	352	449		0	0	0	0	0	
CZ	CZECH REPUBLIC	2021	2673	1945		0	0	0	99	46	
DE	GERMANY	2021	7709	4705		0	0	0	90	70	
DK	DENMARK ^	2021	21	48		0	19	19	0	0	
EE	ESTONIA	2021	70	67		0	0	0	0	0	
ES	SPAIN	2021	11953	8888				0			
FI	FINLAND	2021	154	272		0	152	152	0	0	
FR	FRANCE	2021									
HR	CROATIA	2021	182	170		0	0	0	0	0	
HU	HUNGARY	2021	157	63		0	0	0	0	0	
IT	ITALY	2021		1943							
LT	LITHUANIA	2021	33	33		0	0	0	0	0	
LU	LUXEMBOURG	2021				2		2			
LV	LATVIA	2021	0	0		0	0	0	0	0	
NL	NETHERLANDS	2021	17	206		7	0	7	43	0	
PL	POLAND	2021	1377	1395		0	0	0	0	0	
PT	PORTUGAL	2021		186		0	0	0	0	0	
RO	ROMANIA	2021									
SE	SWEDEN	2021	312	362		0	0	0	0	0	
SK	SLOVAKIA	2021	388	328		0	0	0	0	0	
OTHER COUNTRIES											
CH	SWITZERLAND	2021						3	0	0	
MD	MOLDOVA	2021	118	148		0	0	0	0	0	
NO	NORWAY	2021	36	67		0	5	5	0	0	
UK	UNITED KINGDOM*	2021	0	0		0	15	15	0	0	

* Data only from Northern Ireland

^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

7 - PANCREATIC ISLETS (units)

7 - PANCREATIC ISLETS (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries		
	Year	Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU									
AT	AUSTRIA	2021	0		0	0	0		
BG	BULGARIA	2021	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	10	10	0	0	0	0	0
DE	GERMANY	2021	3	3	0	0	0	0	0
DK	DENMARK	2021							
EE	ESTONIA	2021	0	0	0	0	0	0	0
ES	SPAIN	2021							
FI	FINLAND	2021	0	0	0	0	0	0	0
FR	FRANCE	2021							
HR	CROATIA	2021	0	0	0	0	0	0	0
HU	HUNGARY	2021	0	0	0	0	0	0	0
IT	ITALY	2021		16					
LT	LITHUANIA	2021	1	1	0	0	0	0	0
LU	LUXEMBOURG	2021					1	0	1
LV	LATVIA	2021	0	0	0	0	0	0	0
NL	NETHERLANDS	2021	11	11	0	0	0	0	0
PL	POLAND	2021	0	0	0	0	0	0	0
PT	PORTUGAL	2021	0	0	0	0	0	0	0
RO	ROMANIA	2021							
SE	SWEDEN	2021	0	0		0			0
SK	SLOVAKIA	2021	0	0	0	0	0	0	0
OTHER COUNTRIES									
CH	SWITZERLAND	2021			6	6	4	0	4
MD	MOLDOVA	2021	0	0	0	0	0	0	0
NO	NORWAY	2021	5	5	0	0	0	0	0
UK	UNITED KINGDOM*	2021	0	0	0	0	0	0	0

* Data only from Northern Ireland

 **Empty fields:** The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

8 - HEPATIC TISSUE

8 - HEPATIC TISSUE			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries			
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL	
MEMBER STATES OF EU												
AT	AUSTRIA	2021	0			0	0	0				
BG	BULGARIA	2021	0	0		0	0	0	0	0		0
CZ	CZECH REPUBLIC	2021										
DE	GERMANY	2021	0	0		0	0	0	0	0		0
DK	DENMARK	2021										
EE	ESTONIA	2021	0	0		0	0	0	0	0		0
ES	SPAIN	2021										
FI	FINLAND	2021	0	0		0	0	0	0	0		0
FR	FRANCE	2021										
HR	CROATIA	2021	0	0		0	0	0	0	0		0
HU	HUNGARY	2021	0	0		0	0	0	0	0		0
IT	ITALY	2021										
LT	LITHUANIA	2021				0	0	0	0	0		0
LU	LUXEMBOURG	2021										
LV	LATVIA	2021	0	0		0	0	0	0	0		0
NL	NETHERLANDS	2021	0	0		0	0	0	0	0		0
PL	POLAND	2021	0	0		0	0	0	0	0		0
PT	PORTUGAL	2021	0	0		0	0	0	0	0		0
RO	ROMANIA	2021										
SE	SWEDEN	2021	0									
SK	SLOVAKIA	2021	0	0		0	0	0	0	0		0
OTHER COUNTRIES												
CH	SWITZERLAND	2021	0	0		0	0	0	0	0		0
MD	MOLDOVA	2021	0	0		0	0	0	0	0		0
NO	NORWAY	2021	0	0		0	0	0	0	0		0
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0		0

* Data only from Northern Ireland

 **Empty fields:** The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

9 - ADIPOSE TISSUE (units)

9 - ADIPOSE TISSUE (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries			
	Year	Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL	
MEMBER STATES OF EU										
AT	AUSTRIA	2021	0		0	0	0			
BG	BULGARIA	2021	0	0	0	0	0	0	0	
CZ	CZECH REPUBLIC	2021	5	0	0	0	0	0	0	
DE	GERMANY	2021	52	10	0	0	0	0	0	
DK	DENMARK ^	2021	10	10	0	0	0	0	0	
EE	ESTONIA	2021	0	0	0	0	0	0	0	
ES	SPAIN	2021								
FI	FINLAND	2021	0	0	0	0	0	0	0	
FR	FRANCE	2021								
HR	CROATIA	2021	0	0	0	0	0	0	0	
HU	HUNGARY	2021	0	0	0	0	0	0	0	
IT	ITALY	2021		3						
LT	LITHUANIA	2021			0	0	0	0	0	
LU	LUXEMBOURG	2021								
LV	LATVIA	2021	0	0	0	0	0	0	0	
NL	NETHERLANDS	2021	0	0	0	0	0	0	0	
PL	POLAND	2021	13	7	0	0	0	0	0	
PT	PORTUGAL	2021	0	0	0	0	0	0	0	
RO	ROMANIA	2021								
SE	SWEDEN	2021	0							
SK	SLOVAKIA	2021	51	52	0	0	0	0	0	
OTHER COUNTRIES										
CH	SWITZERLAND	2021	0	0	0	0	0	0	0	
MD	MOLDOVA	2021	0	0	0	0	0	0	0	
NO	NORWAY	2021	0	0	0	0	0	0	0	
UK	UNITED KINGDOM*	2021	0	0	0	0	0	0	0	

* Data only from Northern Ireland

^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

10 - PARATHYROID

10 - PARATHYROID			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries			
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL	
MEMBER STATES OF EU												
AT	AUSTRIA	2021	32			0	0	0				
BG	BULGARIA	2021	0	0		0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	0	0		0	0	0	0	0	0	0
DE	GERMANY	2021	0	0		0	0	0	0	0	0	0
DK	DENMARK	2021										
EE	ESTONIA	2021	0	0		0	0	0	0	0	0	0
ES	SPAIN	2021										
FI	FINLAND	2021	0	0		0	0	0	0	0	0	0
FR	FRANCE	2021	0	0		0	0	0	0	0	0	0
HR	CROATIA	2021	0	0		0	0	0	0	0	0	0
HU	HUNGARY	2021	0	0		0	0	0	0	0	0	0
IT	ITALY	2021		0								
LT	LITHUANIA	2021				0	0	0	0	0	0	0
LU	LUXEMBOURG	2021										
LV	LATVIA	2021	0	0		0	0	0	0	0	0	0
NL	NETHERLANDS	2021	0	0		0	0	0	0	0	0	0
PL	POLAND	2021	0	0		0	0	0	0	0	0	0
PT	PORTUGAL	2021	0	0		0	0	0	0	0	0	0
RO	ROMANIA	2021										
SE	SWEDEN	2021	0									
SK	SLOVAKIA	2021	0	0		0	0	0	0	0	0	0
OTHER COUNTRIES												
CH	SWITZERLAND	2021	0	0		0	0	0	0	0	0	0
MD	MOLDOVA	2021	0	0		0	0	0	0	0	0	0
NO	NORWAY	2021	125	0		0	0	0	125	0	125	0
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0	0	0

* Data only from Northern Ireland

 **Empty fields:** The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

11 - NEURONAL TISSUE (units)

11 - NEURONAL TISSUE (units)			Year	Processed	Distributed NATIONALLY	N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
						INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU											
AT	AUSTRIA	2021	0			0	0	0			
BG	BULGARIA	2021	0	0		0	0	0	0	0	0
CZ	CZECH REPUBLIC	2021									
DE	GERMANY	2021	0	0		0	0	0	0	0	0
DK	DENMARK ^	2021	0	3		10	2	12	0	0	0
EE	ESTONIA	2021	0	0		0	0	0	0	0	0
ES	SPAIN	2021									
FI	FINLAND	2021	0	3		3	0	3	0	0	0
FR	FRANCE	2021									
HR	CROATIA	2021	0	0		0	0	0	0	0	0
HU	HUNGARY	2021	0	0		0	0	0	0	0	0
IT	ITALY	2021									
LT	LITHUANIA	2021				0	0	0	0	0	0
LU	LUXEMBOURG	2021									
LV	LATVIA	2021	0	0		0	0	0	0	0	0
NL	NETHERLANDS	2021	0	0		0	0	0	0	0	0
PL	POLAND	2021	0	0		0	0	0	0	0	0
PT	PORTUGAL	2021	0	0		0	0	0	0	0	0
RO	ROMANIA	2021									
SE	SWEDEN	2021	0								
SK	SLOVAKIA	2021	11	0		0	0	0	0	0	0
OTHER COUNTRIES											
CH	SWITZERLAND	2021	0	0		0	0	0	0	0	0
MD	MOLDOVA	2021	0	0		0	0	0	0	0	0
NO	NORWAY	2021	0	0		0	0	0	0	0	0
UK	UNITED KINGDOM*	2021	0	0		0	0	0	0	0	0

* Data only from Northern Ireland

^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Exchange Activity

99 - OTHERS (tympanic membrane, etc...) (units)

99 - OTHERS (tympanic membrane, etc...) (units)			N° of Tissue RECEIVED from foreign countries				N° of Tissue DISTRIBUTED to foreign countries		
	Year	Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU	EXTRA EU	TOTAL
MEMBER STATES OF EU									
AT	AUSTRIA	2021	0	0	0	0			
BG	BULGARIA	2021	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2021	189	1	0	0	0	0	0
DE	GERMANY	2021	3452	399	13272	1	13273	237	5
DK	DENMARK^	2021	0	132	2	210	212	0	0
EE	ESTONIA	2021	0	0	0	0	0	0	0
ES	SPAIN	2021							
FI	FINLAND	2021	35	42	12	0	12	1	0
FR	FRANCE	2021							
HR	CROATIA	2021	0	0	0	0	0	0	0
HU	HUNGARY	2021	3522	15	0	0	0	0	0
IT	ITALY	2021							
LT	LITHUANIA	2021			0	0	0	0	0
LU	LUXEMBOURG	2021							
LV	LATVIA	2021	0	0	0	0	0	0	0
NL	NETHERLANDS	2021	0	0	0	0	0	0	0
PL	POLAND	2021			0	0	0	0	0
PT	PORTUGAL	2021	0	0	0	0	0	0	0
RO	ROMANIA	2021							
SE	SWEDEN	2021	0						
SK	SLOVAKIA	2021	2079	289	778	0	778	135	0
OTHER COUNTRIES									
CH	SWITZERLAND	2021	0	0	0	0	0	0	0
MD	MOLDOVA	2021	0	0	0	0	0	0	0
NO	NORWAY	2021	33	0	0	16	16	5	0
UK	UNITED KINGDOM*	2021	0	0	0	0	0	0	0

* Data only from Northern Ireland

^ The Danish CA does not differentiate between units distributed nationally and units distributed in other EU countries

🚫 Empty fields: The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Section 3: Human Application

Tissue Transplantation

1- OCULAR TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		601	
BG BULGARIA	2021	99	93	99
HR CROATIA	2021	271	232	271
CZ CZECH REPUBLIC	2021	677	675	677
DK DENMARK	2021	685	685	688
EE ESTONIA	2021		54	64
FI FINLAND	2021		377	
FR FRANCE	2021	4754	4438	4754
DE GERMANY	2021			
HU HUNGARY	2021	138	138	138
IT ITALY	2021	6099		
LV LATVIA	2021			
LT LITHUANIA	2021	68	159	68
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		2549	2903
PL POLAND	2021		1363	
PT PORTUGAL	2021	942	931	938
RO ROMANIA	2021	44	44	44
SK SLOVAKIA	2021	259	216	250
ES SPAIN	2021	4142	4142	4188
SE SWEDEN	2021	843	801	757
OTHER COUNTRIES				
MD MOLDOVA	2021	7	7	7
NO NORWAY	2021	419	400	416
CH SWITZERLAND	2021			947
UK UNITED KINGDOM*	2021			26



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

2 - SKIN

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		4	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021	4	4	4
DK DENMARK	2021			
EE ESTONIA	2021		3	7
FI FINLAND	2021		24	1663
FR FRANCE	2021		191	377944
DE GERMANY	2021			
HU HUNGARY	2021	0	0	0
IT ITALY	2021	1685		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		104	1027
PL POLAND	2021			
PT PORTUGAL	2021	0	0	0
RO ROMANIA	2021			
SK SLOVAKIA	2021	147	17	34
ES SPAIN	2021	49	49	330833
SE SWEDEN	2021	40	24	28
OTHER COUNTRIES				
MD MOLDOVA	2021	10	10	77
NO NORWAY	2021	29	24	588
CH SWITZERLAND	2021	0	0	0
UK UNITED KINGDOM*	2021	0	0	0



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

3 - BLOOD VESSELS

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		2	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	2	2	2
CZ CZECH REPUBLIC	2021	17	17	19
DK DENMARK [^]	2021		13	24
EE ESTONIA	2021		31	34
FI FINLAND	2021		18	
FR FRANCE	2021		2212	3386
DE GERMANY	2021			
HU HUNGARY	2021	111	120	96
IT ITALY	2021	349		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	6	6	6
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021	77	76	77
PL POLAND	2021			
PT PORTUGAL	2021	0	0	0
RO ROMANIA	2021			
SK SLOVAKIA	2021	4	4	8
ES SPAIN	2021	100	100	144
SE SWEDEN	2021	70	67	76
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	61	61	0
CH SWITZERLAND	2021			11
UK UNITED KINGDOM*	2021	0	0	0

[^]Heart valves and blood vessels are collected combined

* Data only from Northern Ireland

 Empty fields:

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

4 - HEART VALVES

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		15	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	7	7	7
CZ CZECH REPUBLIC	2021	121	120	122
DK DENMARK ^	2021		13	24
EE ESTONIA	2021	0	0	0
FI FINLAND	2021		27	
FR FRANCE	2021		228	229
DE GERMANY	2021			
HU HUNGARY	2021	5	5	5
IT ITALY	2021	199		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021	119	119	161
PL POLAND	2021			
PT PORTUGAL	2021	4	4	4
RO ROMANIA	2021			
SK SLOVAKIA	2021	1	1	1
ES SPAIN	2021	60	60	60
SE SWEDEN	2021	120	114	135
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	49	0	0
CH SWITZERLAND	2021			22
UK UNITED KINGDOM*	2021	0	0	0

^Heart valves and blood vessels are collected combined

* Data only from Northern Ireland

 Empty fields:

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

5 - MUSCULOSKELETAL TISSUE (all types)

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021			
BG BULGARIA	2021	128	126	144
HR CROATIA	2021	163	146	223
CZ CZECH REPUBLIC	2021	592	559	607
DK DENMARK	2021		2548	3116
EE ESTONIA	2021		192	303
FI FINLAND	2021		622	
FR FRANCE	2021		63372	88205
DE GERMANY	2021			
HU HUNGARY	2021	389	389	395
IT ITALY	2021	10684		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	54	54	54
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		4398	5397
PL POLAND	2021			
PT PORTUGAL	2021	394	393	427
RO ROMANIA	2021	85	85	97
SK SLOVAKIA	2021	224	197	360
ES SPAIN	2021	19928	19928	24107
SE SWEDEN	2021	796	754	665
OTHER COUNTRIES				
MD MOLDOVA	2021	167	167	449
NO NORWAY	2021	366	359	363
CH SWITZERLAND	2021			592
UK UNITED KINGDOM*	2021			185

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

6 - AMNIOTIC MEMBRANE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		337	
BG BULGARIA	2021	333	245	348
HR CROATIA	2021	160	132	177
CZ CZECH REPUBLIC	2021	523	141	523
DK DENMARK	2021		39	48
EE ESTONIA	2021		54	67
FI FINLAND	2021		199	
FR FRANCE	2021		5572	6405
DE GERMANY	2021			
HU HUNGARY	2021	83	76	89
IT ITALY	2021	1936		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	33	33	33
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		119	137
PL POLAND	2021			
PT PORTUGAL	2021	49	48	49
RO ROMANIA	2021			
SK SLOVAKIA	2021	355	314	418
ES SPAIN	2021	1267	1267	1867
SE SWEDEN	2021	306	286	314
OTHER COUNTRIES				
MD MOLDOVA	2021	113	113	147
NO NORWAY	2021	80	71	82
CH SWITZERLAND	2021			139
UK UNITED KINGDOM*	2021			14



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

7 - PANCREATIC ISLETS

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		0	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021	10	10	10
DK DENMARK	2021			
EE ESTONIA	2021	0	0	0
FI FINLAND	2021	0	0	0
FR FRANCE	2021	8	4	
DE GERMANY	2021			
HU HUNGARY	2021	0	0	0
IT ITALY	2021	24		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	1	9	1
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		11	11
PL POLAND	2021			
PT PORTUGAL	2021			
RO ROMANIA	2021			
SK SLOVAKIA	2021	0	0	0
ES SPAIN	2021			
SE SWEDEN	2021	0	0	0
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	3	3	3
CH SWITZERLAND	2021			2
UK UNITED KINGDOM*	2021	0	0	0



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

8 - HEPATIC TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		0	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021			
DK DENMARK	2021			
EE ESTONIA	2021	0	0	0
FI FINLAND	2021	0	0	0
FR FRANCE	2021			
DE GERMANY	2021			
HU HUNGARY	2021	0	0	0
IT ITALY	2021			
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		0	0
PL POLAND	2021			
PT PORTUGAL	2021			
RO ROMANIA	2021			
SK SLOVAKIA	2021	0	0	0
ES SPAIN	2021			
SE SWEDEN	2021	0		
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	0	0	0
CH SWITZERLAND	2021	0	0	0
UK UNITED KINGDOM*	2021	0	0	0

 Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

9 - ADIPOSE TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		0	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021			
DK DENMARK	2021	10	10	10
EE ESTONIA	2021	0	0	0
FI FINLAND	2021		0	
FR FRANCE	2021			
DE GERMANY	2021			
HU HUNGARY	2021	0	0	0
IT ITALY	2021	3		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		0	0
PL POLAND	2021			
PT PORTUGAL	2021			
RO ROMANIA	2021			
SK SLOVAKIA	2021	3	2	1
ES SPAIN	2021			
SE SWEDEN	2021	0		
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	0	0	0
CH SWITZERLAND	2021	0	0	0
UK UNITED KINGDOM*	2021	0	0	0



Empty fields:

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10 - PARATHYROID

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		1	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021			
DK DENMARK	2021			
EE ESTONIA	2021	0	0	0
FI FINLAND	2021	0	0	0
FR FRANCE	2021		0	0
DE GERMANY	2021			
HU HUNGARY	2021	0	0	0
IT ITALY	2021	0		
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		0	0
PL POLAND	2021			
PT PORTUGAL	2021			
RO ROMANIA	2021			
SK SLOVAKIA	2021	0	0	0
ES SPAIN	2021			
SE SWEDEN	2021	0		
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	0	0	0
CH SWITZERLAND	2021	0	0	0
UK UNITED KINGDOM*	2021	0	0	0



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

11 - NEURONAL TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		12	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021			
DK DENMARK	2021	10	10	10
EE ESTONIA	2021	0	0	0
FI FINLAND	2021	2	2	
FR FRANCE	2021			
DE GERMANY	2021			
HU HUNGARY	2021	0	0	0
IT ITALY	2021			
LV LATVIA	2021	0	0	0
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		0	0
PL POLAND	2021			
PT PORTUGAL	2021			
RO ROMANIA	2021			
SK SLOVAKIA	2021	0	0	0
ES SPAIN	2021			
SE SWEDEN	2021	0		
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	0	0	0
CH SWITZERLAND	2021	0	0	0
UK UNITED KINGDOM*	2021	0	0	0



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

Tissue Transplantation

99 - OTHERS (tympanic membrane, etc...)

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2021		0	
BG BULGARIA	2021	0	0	0
HR CROATIA	2021	0	0	0
CZ CZECH REPUBLIC	2021	1	1	1
DK DENMARK	2021		139	147
EE ESTONIA	2021	0	0	0
FI FINLAND	2021		42	
FR FRANCE	2021			
DE GERMANY	2021			
HU HUNGARY	2021	15	11	15
IT ITALY	2021			
LV LATVIA	2021			
LT LITHUANIA	2021	0	0	0
LU LUXEMBOURG	2021			
NL NETHERLANDS	2021		0	0
PL POLAND	2021			
PT PORTUGAL	2021	0	0	0
RO ROMANIA	2021			
SK SLOVAKIA	2021	142	121	130
ES SPAIN	2021			
SE SWEDEN	2021	0		
OTHER COUNTRIES				
MD MOLDOVA	2021	0	0	0
NO NORWAY	2021	0	0	0
CH SWITZERLAND	2021	0	0	0
UK UNITED KINGDOM*	2021	0	0	0



Empty fields:

* Data only from Northern Ireland

The corresponding activity is present in the country but the CA does not collect the data yet or has no information on its practice

European Network of Competent Authorities for Tissues and Cells

Appendix I

List of countries and Competent Authorities providing data for 2021

✓ Austria BASG - Bundesamt für Sicherheit im Gesundheitswesen - Federal Office for Safety in Health Care AGES - Österreichische Agentur für Gesundheit und Ernährungssicherheit - Austrian Agency for Health and Food Safety
Belgium
✓ Bulgaria ИЗПЪЛНИТЕЛНА АГЕНЦИЯ ПО ТРАНСПЛАНТАЦИЯ (BEAT) (Bulgarian Executive Agency for Transplantation)
✓ Croatia Ministarstvo zdravstva Zavod za transplantaciju i biomedicine Služba za transplantaciju (Ministry of Health and Social Welfare)
Cyprus
✓ Czech Republic Ministerstvo zdravotnictví České republiky (MZCR) (Ministry of Health of the Czech Republic)
✓ Denmark Styrelsen for Patientsikkerhed/Danish Patient Safety Authority
✓ Estonia Ravimiamet (Estonian State Agency of Medicines)
✓ Finland Lääkealan turvallisuus- ja kehittämiskeskus (FIMEA) (Finnish Medicines Agency)
✓ France Agence de la Biomédecine (ABM) (<i>French Biomedicine Agency</i>)
✓ Germany Paul-Ehrlich-Institut (PEI) (Division of Medical Biotechnology)
Greece
✓ Hungary National Public Health Center (Nemzeti Népegészségügyi Központ)
Ireland
✓ Italy Centro Nazionale Trapianti (CNT) (Italian National Transplant Centre)
✓ Latvia Zāļu valsts aģentūra - State Agency of Medicines of the Republic of Latvia

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✓ **Lithuania**

Nacionalinis Transplantacijos Biuras (NTB) (National Transplant Bureau)

✓ **Luxembourg**

Ministère de la Santé – Direction de la Santé (MS-EATAT) (Ministry of Health)

Macedonia

Malta

✓ **Moldova**

AT - (The Transplant Agency)

✓ **Netherlands**

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

✓ **Norway**

Helsedirektoratet (HDIR) (Norwegian Directorate of Health)

✓ **Poland**

Krajowe Centrum Bankowania Tkanek i Komórek (KCBTiK) / National Centre for Tissue and Cell Banking (NCTCB)

✓ **Portugal**

- Instituto Português do Sangue e da Transplantação (IPST) (Institute for Blood and Transplantation Services)
- Direção-Geral da Saúde (DGS) (Directorate-General of Health)

✓ **Romania**

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

✓ **Slovakia**

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

Slovenia

✓ **Spain**

Organización Nacional de Trasplantes (ONT) (National Transplant Organization)

✓ **Sweden**

Health and Social Care Inspectorate (IVO)

✓ **Switzerland**

Federal Department of Home Affairs DHA - Swiss Federal Office of Public Health FOPH

Turkey

✓ **United Kingdom - Data from Northern Ireland only**

Human Tissue Authority (HTA)

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Appendix II

Glossary

—■ A

Adipose tissue: connective tissue in which fat is stored and which has the cells distended by droplets of fat.

Amniotic Membrane: The innermost layer of the placental membrane; it surrounds the foetus during pregnancy.

Autologous: Refers to tissues or cells removed from and applied in the same individual.

—■ B

Blood vessels: A tube in the body carrying blood to (veins) or from (arteries) the heart.

Bone: The hard, rigid, mineralised form of connective tissue constituting most of the skeleton of vertebrates and composed primarily of calcium salts. There are two types of osseous tissue that form bones: cortical bone (the compact bone of the shaft of a bone that surrounds the marrow cavity) and cancellous or trabecular bone (typically occurs at the ends of long bones, proximal to joints and within the interior of vertebrae). Cancellous bone is highly vascular and frequently contains bone marrow.

Bone filling material: Cancellous (spongy type of bone with a very high surface area found at the ends of long bones) or Corticocancellous bone which has been chopped, shaped or ground to chips, cubes, granules or powder.

—■ C

Cancellous bone chips: Spongy (Cancellous) bone cut in pieces, chopped or shaped to chips or cubes of various sizes.

Cardiovascular: Relating to the heart or vessels carrying blood.

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.

Cornea: The transparent anterior part of the outer fibrous coat of the eye. A collagenous tissue bounded by an outer stratified epithelium and an inner monolayer of endothelial cells. The major refractive component of the eye.

Cortical strut: A small shaped piece of compact bone mainly from the femur or tibia used in structural grafting, such as rings, pins etc.

Cortico cancellous bone chips: Bone containing both compact and spongy part cut into pieces, chopped or shaped to chips or cubes of varying sizes.

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Craniectomy: the surgical removal of a portion of the skull.

—■ D

Deceased donor: A person declared to be dead according to established medical criteria and from whom cells, tissues or organs have been recovered for the purpose of human application.

Deceased heart-beating donor (DBD) (Donor after Brain Death): A donor who is declared dead based on the irreversible loss of neurological functions. Also known as heart-beating donor.

Deceased non-heart beating donor (DCD) (Donor after Cardiac Death): A donor who is declared dead and diagnosed by means of cardiopulmonary criteria.

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

Donation: 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 research, from whom tissue, cells and/or embryos have been retrieved .

—■ E

Export: Transportation and delivery of tissues and cells intended for human application to tissue establishments or organizations responsible for human application outside the EU (i.e. in a third country).

—■ F

Fascia: A layer of fibrous connective tissue that surrounds muscles, groups of muscles, blood vessels and nerves, which binds some structures together while permitting others to slide smoothly over each other.

Femoral arteries superficial: ***** The section of femoral artery from the bifurcation of the common femoral artery with the profunda femoris artery to the popliteal artery.

Femoral head: Ball shaped proximal head of the femur (thigh bone) forming ball and socket joint with the os coxae (hip bone)

—■ H

Heart Valve: One of the four structures within the heart that prevent backflow of blood by opening and closing with each heartbeat. They include two semilunar valves (aortic and pulmonary), the mitral (or bicuspid) valve, and the tricuspid valve. They permit blood flow in only one direction.

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

Import: The act of bringing tissues or cells into an EU member state from a country outside the EU (i.e. a third country) for the purpose of human application, further processing or storage

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Importing tissue establishment: A tissue bank or a unit of a hospital or another body established within the EU which is a party to a contractual agreement with a third country supplier for the import into the EU of tissues and cells coming from a third country and intended for human application.

—■ L

Ligament: A tough band of fibrous connective tissue that connects bone to bone.

Living donor: A living person from whom cells or tissues have been removed for the purpose of human application.

—■ M

Menisci: The cartilage cushions found in the knee joint between the femur and tibia.

Musculoskeletal: Tissues that are part of the skeleton and muscular system, including muscles, bones, cartilage, tendons and ligaments, which function in the support and movement of the body.

—■ N

Number of tissues discarded: The number of tissues and/or cells that have been discarded.

Number of tissues distributed: the total number transported or delivered to a clinical unit (as Article 3 (k) of Directive 2004/23/EC defines. **Distribution:** “means transportation and delivery of tissues or cells intended for human applications” (Article 3 (k) Directive 2004/23/EC), whereas ‘**human application**’ is defined in the same article as follows: “means the use of tissues or cells on or in a human recipient and extracorporeal applications’.”)

Number of tissues processed: Article 3(g) of Directive 2004/23/EC defines processing as ‘all operations involved in the preparation, manipulation, preservation and packaging of tissues or cells intended for human applications’. This term refers to tissues and cells processed in TEs but not necessarily distributed.

Number of tissue procured: the number of donated tissue made available through the process of procurement.

Number of recipients for each type tissues: the total number of patients who had at least one unit of tissues or cells applied during the year concerned in a given country. It is acknowledged that not all Member States currently collect data on the total number of patients treated with each type of tissue or cells.

—■ O

Ocular Tissue: Corneas and Scleras.

Osteochondral: Tissue comprising bone and cartilage from an articulating joint.

Other Tissue: All human tissues for human application that does not have a dedicated row on the form.

—■ P

Pancreas: a large lobulated gland that in humans lies in front of the upper lumbar vertebrae and behind the stomach and is somewhat hammer-shaped and firmly attached anteriorly to the curve of the duodenum with which it communicates through one or more pancreatic ducts.