

EUROCET

*European Network of Competent
Authorities for Tissues and Cells*

Report 2020

TISSUE DATA Year 2019

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European Network of Competent Authorities for Tissues and Cells

Report 2020

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 year 2019.

This year **23** countries joined the collection and provided data - 20 EU Member States and 3 Extra EU countries. (*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	2019		541	2484	3025
BG	BULGARIA	2019	169	0	169	3073
HR	CROATIA	2019	246	26	272	227
CZ	CZECH REPUBLIC	2019	879	120	999	1904
EE	ESTONIA	2019	0	22	22	116
FI	FINLAND	2019		343	831	1174
FR	FRANCE	2019	5566	1048	6614	39460
DE	GERMANY	2019				
IT	ITALY	2019	8924	1602	10526	3712
LV	LATVIA	2019	15	0	15	211
LT	LITHUANIA	2019		27	139	166
LU	LUXEMBOURG	2019	114	10	124	0
MT	MALTA	2019	0	10	10	0
NL	NETHERLANDS	2019		2398	3545	5943
PT	PORTUGAL	2019	283	221	504	38
RO	ROMANIA	2019		42	42	194
SK	SLOVAKIA	2019	235	48	283	2236
SI	SLOVENIA	2019	35	22	57	0
ES	SPAIN	2019				5178
SE	SWEDEN	2019		1002	1002	1712
UK	UNITED KINGDOM	2019				33163
Total year 2019		16466	4173	23948	59882	122171
OTHER COUNTRIES						
MD	MOLDOVA	2019	19	9	28	41
NO	NORWAY	2019		329	279	608
Total year 2019		19	9	357	320	677

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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 retrivied 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 retrivied TOTAL
MEMBER STATES OF EU						
AT	AUSTRIA	2019				3149
BG	BULGARIA	2019	3066	3066	3083	6149
HR	CROATIA	2019	476	53	307	836
CZ	CZECH REPUBLIC	2019	11870	299	3320	15489
EE	ESTONIA	2019	0	41	116	157
FI	FINLAND	2019				
FR	FRANCE	2019	5891	1672	39039	46602
DE	GERMANY	2019				28609
IT	ITALY	2019		21637	3773	25410
LV	LATVIA	2019	29	0	212	241
LT	LITHUANIA	2019		35	64	99
LU	LUXEMBOURG	2019	114	10	0	124
MT	MALTA	2019	0	10	0	10
NL	NETHERLANDS	2019				
PT	PORTUGAL	2019	536	517	42	1095
RO	ROMANIA	2019		119	194	313
SK	SLOVAKIA	2019	2458	102	2393	4953
SI	SLOVENIA	2019	70	82	0	152
ES	SPAIN	2019				
SE	SWEDEN	2019		2070	1809	3879
UK	UNITED KINGDOM	2019				50888
Total year 2019		24510	4975	51157	54352	188155
OTHER COUNTRIES						
MD	MOLDOVA	2019	94	103	41	238
NO	NORWAY	2019		402	279	681
Total year 2019		94	103	599	320	919

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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	2019				-	
BG BULGARIA	2019	85	0	85	-	85
HR CROATIA	2019	246	26	272	-	272
CZ CZECH REPUBLIC	2019	645	0	645	-	645
EE ESTONIA	2019	0	17	17	-	17
FI FINLAND	2019			211	-	211
FR FRANCE	2019	5490	843	6333	-	6333
DE GERMANY	2019				-	
IT ITALY	2019	8237	890	9127	-	9127
LV LATVIA	2019	15	0	15	-	15
LT LITHUANIA	2019			21	-	21
LU LUXEMBOURG	2019	114	10	124	-	124
MT MALTA	2019	0	10	10	-	10
NL NETHERLANDS	2019			2087	-	2087
PT PORTUGAL	2019	282	211	493	-	414
RO ROMANIA	2019		42	42	-	42
SK SLOVAKIA	2019	120	47	167	-	167
SI SLOVENIA	2019	17	35	52	-	52
ES SPAIN	2019			3948	-	3948
SE SWEDEN	2019		694		-	694
UK UNITED KINGDOM	2019				-	6044
Total year 2019		15251	2825	23649	0	30308
OTHER COUNTRIES						
MD MOLDOVA	2019	18	9	27	-	27
NO NORWAY	2019			266	-	266
Total year 2019		18	9	293	0	293

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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	2019					
BG BULGARIA	2019	105	0	105	0	105
HR CROATIA	2019	0	0	0	0	0
CZ CZECH REPUBLIC	2019	131	0	131	0	131
EE ESTONIA	2019	0	6	6	0	6
FI FINLAND	2019			21	0	21
FR FRANCE	2019	195	181	376	0	376
DE GERMANY	2019					
IT ITALY	2019	194	319	513	0	513
LV LATVIA	2019	0	0	0	0	0
LT LITHUANIA	2019	0	0	0		
LU LUXEMBOURG	2019	0	0	0	0	0
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019			446	0	446
PT PORTUGAL	2019	0	0	0	0	0
RO ROMANIA	2019		0			0
SK SLOVAKIA	2019	0	0	0	0	0
SI SLOVENIA	2019	0	6	6	0	6
ES SPAIN	2019					410
SE SWEDEN	2019		33		20	53
UK UNITED KINGDOM	2019					704
Total year 2019		625	545	1604	20	2771
OTHER COUNTRIES						
MD MOLDOVA	2019	1	3	4	0	4
NO NORWAY	2019			0	0	0
Total year 2019		1	3	4	0	4

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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	2019					
BG BULGARIA	2019	0	0	0	0	0
HR CROATIA	2019	0	0	0	0	0
CZ CZECH REPUBLIC	2019	3	16	19	0	19
EE ESTONIA	2019	0	14	14	4	18
FI FINLAND	2019			12	0	12
FR FRANCE	2019	69	342	411	9908	10319
DE GERMANY	2019					
IT ITALY	2019	124	92	216	240	456
LV LATVIA	2019	0	0	0	0	0
LT LITHUANIA	2019			1	0	1
LU LUXEMBOURG	2019	0	1	1	0	1
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019			17	0	17
PT PORTUGAL	2019	0	0	0	0	0
RO ROMANIA	2019					
SK SLOVAKIA	2019	0	1	1	0	1
SI SLOVENIA	2019	0	22	22	0	22
ES SPAIN	2019			240	0	240
SE SWEDEN	2019		144			144
UK UNITED KINGDOM	2019					954
Total year 2019		196	632	954	10152	12204
OTHER COUNTRIES						
MD MOLDOVA	2019	0	5	5	0	5
NO NORWAY	2019			113	0	113
Total year 2019		0	5	118	0	118

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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	2019					
BG BULGARIA	2019	0	0	0	0	0
HR CROATIA	2019	0	1	1	1	2
CZ CZECH REPUBLIC	2019	9	87	96	0	6
EE ESTONIA	2019	0	0	0	0	0
FI FINLAND	2019			57	0	57
FR FRANCE	2019	119	214	333	70	403
DE GERMANY	2019					
IT ITALY	2019	143	124	267	4	271
LV LATVIA	2019	0	0	0	0	0
LT LITHUANIA	2019	0	0	0	0	0
LU LUXEMBOURG	2019	0	2	2	0	2
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019			215	0	215
PT PORTUGAL	2019	1	7	8	4	12
RO ROMANIA	2019					
SK SLOVAKIA	2019	1	0	1	0	1
SI SLOVENIA	2019	0	0	0	0	0
ES SPAIN	2019					248
SE SWEDEN	2019		141			141
UK UNITED KINGDOM	2019					861
Total year 2019		273	576	980	79	2219
OTHER COUNTRIES						
MD MOLDOVA	2019	0	0	0	0	0
NO NORWAY	2019			11	0	11
Total year 2019		0	0	11	0	11



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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	2019					
BG BULGARIA	2019	184	0	184	3025	3212
HR CROATIA	2019	0	0	0	217	217
CZ CZECH REPUBLIC	2019	328	17	345	1467	1812
EE ESTONIA	2019	0	4	4	99	103
FI FINLAND	2019			67	771	838
FR FRANCE	2019	18	92	110	28707	28817
DE GERMANY	2019					
IT ITALY	2019	226	177	403	3046	3449
LV LATVIA	2019	0	0	0	0	0
LT LITHUANIA	2019			5	115	120
LU LUXEMBOURG	2019	0	0	0	0	0
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019			144	3543	3687
PT PORTUGAL	2019	1	29	30	34	64
RO ROMANIA	2019		14	14	194	208
SK SLOVAKIA	2019	114	0	114	341	455
SI SLOVENIA	2019	0	0	0	0	0
ES SPAIN	2019			1215	1442	2657
SE SWEDEN	2019		3		1431	1434
UK UNITED KINGDOM	2019					3745
Total year 2019		871	336	2635	44432	50818
OTHER COUNTRIES						
MD MOLDOVA	2019	8	1	9	31	40
NO NORWAY	2019			1	268	269
Total year 2019		8	1	10	299	309

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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 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	2019	-	-	-		
BG BULGARIA	2019	-	-	-	11	11
HR CROATIA	2019	-	-	-	11	11
CZ CZECH REPUBLIC	2019	-	-	-	80	80
EE ESTONIA	2019	-	-	-	1	1
FI FINLAND	2019	-	-	-	6	6
FR FRANCE	2019	-	-	-	354	354
DE GERMANY	2019	-	-	-		
IT ITALY	2019	-	-	-	339	339
LV LATVIA	2019	-	-	-	0	0
LT LITHUANIA	2019	-	-	-	3	3
LU LUXEMBOURG	2019	-	-	-	0	0
MT MALTA	2019	-	-	-	0	0
NL NETHERLANDS	2019	-	-	-	2	2
PT PORTUGAL	2019	-	-	-	5	5
RO ROMANIA	2019	-	-	-		
SK SLOVAKIA	2019	-	-	-	24	24
SI SLOVENIA	2019	-	-	-	1	1
ES SPAIN	2019	-	-	-	68	68
SE SWEDEN	2019	-	-	-	37	37
UK UNITED KINGDOM	2019	-	-	-		
Total year 2019		-	-	-	942	942
OTHER COUNTRIES						
MD MOLDOVA	2019	-	-	-	10	10
NO NORWAY	2019	-	-	-	4	4
Total year 2019		-	-	-	14	14

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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 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	2019					
BG BULGARIA	2019	0	0	0	0	0
HR CROATIA	2019	0	0	0	0	0
CZ CZECH REPUBLIC	2019	0	42	42	0	42
EE ESTONIA	2019	0	0	0	0	0
FI FINLAND	2019	0	0	0	0	0
FR FRANCE	2019	0	39	39	0	39
DE GERMANY	2019					
IT ITALY	2019			60	15	75
LV LATVIA	2019	0	0	0	0	0
LT LITHUANIA	2019	0	0	0	0	0
LU LUXEMBOURG	2019	1	0	1	0	1
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019			254	0	254
PT PORTUGAL	2019					
RO ROMANIA	2019					
SK SLOVAKIA	2019	0	0	0	0	0
SI SLOVENIA	2019	0	0	0	0	0
ES SPAIN	2019					
SE SWEDEN	2019		35		7	42
UK UNITED KINGDOM	2019			174	6	180
Total year 2019		1	116	570	28	633
OTHER COUNTRIES						
MD MOLDOVA	2019	0	0	0	0	0
NO NORWAY	2019			61	0	61
Total year 2019		0	0	61	0	61

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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 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	2019	0	0	0	0	0
BG BULGARIA	2019	0	0	0	0	0
HR CROATIA	2019	0	0	0	0	0
CZ CZECH REPUBLIC	2019	0	0	0	0	0
EE ESTONIA	2019	0	0	0	0	0
FI FINLAND	2019	0	0	0	0	0
FR FRANCE	2019					
DE GERMANY	2019					
IT ITALY	2019			0	0	0
LV LATVIA	2019	0	0	0	0	0
LT LITHUANIA	2019	0	0	0	0	0
LU LUXEMBOURG	2019	0	0	0	0	0
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019					
PT PORTUGAL	2019					
RO ROMANIA	2019					
SK SLOVAKIA	2019	0	0	0	0	0
SI SLOVENIA	2019					
ES SPAIN	2019					
SE SWEDEN	2019					0
UK UNITED KINGDOM	2019					17
Total year 2019		0	0	0	0	17
OTHER COUNTRIES						
MD MOLDOVA	2019	0	0	0	0	0
NO NORWAY	2019					
Total year 2019		0	0	0	0	0

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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 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	2019					
BG BULGARIA	2019	0	0	0	0	0
HR CROATIA	2019	0	0	0	0	0
CZ CZECH REPUBLIC	2019					
EE ESTONIA	2019	0	0	0	0	0
FI FINLAND	2019	0	0	0	1	1
FR FRANCE	2019					
DE GERMANY	2019					
IT ITALY	2019					
LV LATVIA	2019	0	0	0	1	1
LT LITHUANIA	2019	0	0	0	21	21
LU LUXEMBOURG	2019	0	0	0	0	0
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019				0	0
PT PORTUGAL	2019					
RO ROMANIA	2019					
SK SLOVAKIA	2019	0	0	0	91	91
SI SLOVENIA	2019	0	0	0	4	4
ES SPAIN	2019					
SE SWEDEN	2019					0
UK UNITED KINGDOM	2019				373	373
Total year 2019		0	0	0	491	491
OTHER COUNTRIES						
MD MOLDOVA	2019	0	0	0	0	0
NO NORWAY	2019			0	0	0
Total year 2019		0	0	0	0	0

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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 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	2019				0	0
BG BULGARIA	2019				0	0
HR CROATIA	2019				0	0
CZ CZECH REPUBLIC	2019				0	0
EE ESTONIA	2019				0	0
FI FINLAND	2019				0	0
FR FRANCE	2019					
DE GERMANY	2019					
IT ITALY	2019				9	9
LV LATVIA	2019				0	0
LT LITHUANIA	2019				0	0
LU LUXEMBOURG	2019				0	0
MT MALTA	2019				0	0
NL NETHERLANDS	2019				0	0
PT PORTUGAL	2019					
RO ROMANIA	2019					
SK SLOVAKIA	2019				0	0
SI SLOVENIA	2019				0	0
ES SPAIN	2019					
SE SWEDEN	2019					0
UK UNITED KINGDOM	2019					
Total year 2019		0	0	0	9	9
OTHER COUNTRIES						
MD MOLDOVA	2019				0	0
NO NORWAY	2019				0	0
Total year 2019		0	0	0	0	0

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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 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	2019				0	0
BG BULGARIA	2019				0	0
HR CROATIA	2019				0	0
CZ CZECH REPUBLIC	2019					
EE ESTONIA	2019				0	0
FI FINLAND	2019				0	0
FR FRANCE	2019					
DE GERMANY	2019					
IT ITALY	2019					
LV LATVIA	2019				0	0
LT LITHUANIA	2019				0	0
LU LUXEMBOURG	2019				0	0
MT MALTA	2019				0	0
NL NETHERLANDS	2019					
PT PORTUGAL	2019					
RO ROMANIA	2019					
SK SLOVAKIA	2019				0	0
SI SLOVENIA	2019					
ES SPAIN	2019					
SE SWEDEN	2019					0
UK UNITED KINGDOM	2019					0
Total year 2019		0	0	0	0	0
OTHER COUNTRIES						
MD MOLDOVA	2019				0	0
NO NORWAY	2019					
Total year 2019		0	0	0	0	0

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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 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	2019					
BG BULGARIA	2019	65	0	65	0	65
HR CROATIA	2019	0	0	0	0	0
CZ CZECH REPUBLIC	2019	0	0	0	396	396
EE ESTONIA	2019	0	0	0	12	12
FI FINLAND	2019				0	
FR FRANCE	2019					
DE GERMANY	2019					1828
IT ITALY	2019					
LV LATVIA	2019	0	0	0	211	211
LT LITHUANIA	2019	0	0	0	0	0
LU LUXEMBOURG	2019	0	0	0	0	0
MT MALTA	2019	0	0	0	0	0
NL NETHERLANDS	2019			17	0	17
PT PORTUGAL	2019	0	0	0	0	0
RO ROMANIA	2019					
SK SLOVAKIA	2019	104	0	104	1937	2041
SI SLOVENIA	2019	0	0	0	12	12
ES SPAIN	2019					
SE SWEDEN	2019					0
UK UNITED KINGDOM	2019					3073
Total year 2019		169	0	186	2568	7655
OTHER COUNTRIES						
MD MOLDOVA	2019	0	0	0	0	0
NO NORWAY	2019			6	0	6
Total year 2019		0	0	6	0	6

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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 recovered 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	2019					
BG	BULGARIA	2019	164		164		164
HR	CROATIA	2019	52	476	528		528
CZ	CZECH REPUBLIC	2019	0	1295	1295		1295
EE	ESTONIA	2019	34	0	34		34
FI	FINLAND	2019			412		412
FR	FRANCE	2019	10893	1717	12610		12610
DE	GERMANY	2019					5617
IT	ITALY	2019	1686	16220	17906		17906
LV	LATVIA	2019	0	29	29		29
LT	LITHUANIA	2019			34		34
LU	LUXEMBOURG	2019	0	0	0		0
MT	MALTA	2019	10	0	10		10
NL	NETHERLANDS	2019			4172		4172
PT	PORTUGAL	2019	388	536	924		924
RO	ROMANIA	2019	84		84		84
SK	SLOVAKIA	2019	93	235	328		328
SI	SLOVENIA	2019	70	34	104		104
ES	SPAIN	2019		7485	0		7485
SE	SWEDEN	2019	1153				1153
UK	UNITED KINGDOM	2019					6044
Total year 2019			14627	28027	38634	0	58933
OTHER COUNTRIES							
MD	MOLDOVA	2019	18	36	54		54
NO	NORWAY	2019			342		342
Total year 2019			18	36	396	0	396

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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	2019					23
BG	BULGARIA	2019	184140		184140		184140
HR	CROATIA	2019	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	0	340260	340260	0	340260
EE	ESTONIA	2019					
FI	FINLAND	2019			128169		128169
FR	FRANCE	2019	333358	419336	752694	0	752694
DE	GERMANY	2019					11640
IT	ITALY	2019			1428110	0	1428110
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019					
PT	PORTUGAL	2019	0	0	0	0	0
RO	ROMANIA	2019	0		0		0
SK	SLOVAKIA	2019	0	0	0	0	0
SI	SLOVENIA	2019	1200	0	1200	0	1200
ES	SPAIN	2019					1142712
SE	SWEDEN	2019	33			20	53
UK	UNITED KINGDOM	2019					704
Total year 2019			518731	759596	2834573	20	3989705
OTHER COUNTRIES							
MD	MOLDOVA	2019	10006	56278	66284	0	66284
NO	NORWAY	2019			0	0	0
Total year 2019			10006	56278	66284	0	66284

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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	2019					2
BG	BULGARIA	2019	0		0		
HR	CROATIA	2019	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	24	5	29	0	29
EE	ESTONIA	2019	27	0	27	4	31
FI	FINLAND	2019			30		30
FR	FRANCE	2019			1071	9908	10979
DE	GERMANY	2019					65
IT	ITALY	2019			568	240	808
LV	LATVIA	2019					
LT	LITHUANIA	2019			1	0	1
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019			15	0	15
PT	PORTUGAL	2019	0	0	0	0	0
RO	ROMANIA	2019					
SK	SLOVAKIA	2019	8	0	8	0	8
SI	SLOVENIA	2019	22	0	22	0	22
ES	SPAIN	2019			512	0	512
SE	SWEDEN	2019	228				228
UK	UNITED KINGDOM	2019					954
Total year 2019			309	5	2283	10152	13684
OTHER COUNTRIES							
MD	MOLDOVA	2019	20	0	20	0	20
NO	NORWAY	2019			113	0	113
Total year 2019			20	0	133	0	133

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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	2019					9
BG	BULGARIA	2019	0		0		
HR	CROATIA	2019	2	0	2	2	4
CZ	CZECH REPUBLIC	2019	143	17	160	0	160
EE	ESTONIA	2019					
FI	FINLAND	2019			60		60
FR	FRANCE	2019			805	70	875
DE	GERMANY	2019					252
IT	ITALY	2019			544	4	548
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019			424	0	424
PT	PORTUGAL	2019	8	8	16	8	24
RO	ROMANIA	2019					
SK	SLOVAKIA	2019	0	2	2	0	2
SI	SLOVENIA	2019	0	0	0	0	0
ES	SPAIN	2019					487
SE	SWEDEN	2019	356				356
UK	UNITED KINGDOM	2019					861
Total year 2019			509	27	2013	84	4062
OTHER COUNTRIES							
MD	MOLDOVA	2019	0	0	0	0	0
NO	NORWAY	2019			11	0	11
Total year 2019			0	0	11	0	11

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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	2019					1749
BG	BULGARIA	2019	2907		2907	3025	5932
HR	CROATIA	2019	0	0	0	295	295
CZ	CZECH REPUBLIC	2019	132	5913	6045	1386	7431
EE	ESTONIA	2019	16	0	16	99	115
FI	FINLAND	2019			1148	771	1849
FR	FRANCE	2019			1249	28707	29956
DE	GERMANY	2019					20526
IT	ITALY	2019			2046	2345	4391
LV	LATVIA	2019	0	0	0	0	0
LT	LITHUANIA	2019	0	0	0	40	40
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019			1524	3404	4928
PT	PORTUGAL	2019	221	18	239	34	273
RO	ROMANIA	2019	35		35	194	229
SK	SLOVAKIA	2019	0	2116	2116	189	2305
SI	SLOVENIA	2019	0	0	0	0	0
ES	SPAIN	2019					24211
SE	SWEDEN	2019	31			1379	1410
UK	UNITED KINGDOM	2019					3745
Total year 2019			3342	8047	17325	41868	109385
OTHER COUNTRIES							
MD	MOLDOVA	2019	2	33	35	31	66
NO	NORWAY	2019			1	277	278
Total year 2019			2	33	36	308	344

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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	2019	-	-	-	57	57
BG	BULGARIA	2019	-	-	-	11	11
HR	CROATIA	2019	-	-	-	11	11
CZ	CZECH REPUBLIC	2019	-	-	-	80	80
EE	ESTONIA	2019	-	-	-	1	1
FI	FINLAND	2019	-	-	-	6	6
FR	FRANCE	2019	-	-	-	354	354
DE	GERMANY	2019	-	-	-		256
IT	ITALY	2019	-	-	-	339	339
LV	LATVIA	2019	-	-	-	0	0
LT	LITHUANIA	2019	-	-	-	3	3
LU	LUXEMBOURG	2019	-	-	-	0	0
MT	MALTA	2019	-	-	-	0	0
NL	NETHERLANDS	2019	-	-	-	2	2
PT	PORTUGAL	2019	-	-	-	5	5
RO	ROMANIA	2019	-	-	-		
SK	SLOVAKIA	2019	-	-	-	24	24
SI	SLOVENIA	2019	-	-	-	1	1
ES	SPAIN	2019	-	-	-	1974	1974
SE	SWEDEN	2019	-	-	-	131	131
UK	UNITED KINGDOM	2019	-	-	-		
Total year 2019			-	-	-	2999	3255
OTHER COUNTRIES							
MD	MOLDOVA	2019	-	-	-	10	10
NO	NORWAY	2019	-	-	-	4	4
Total year 2019			-	-	-	14	14

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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	2019			0	0	0
BG	BULGARIA	2019					
HR	CROATIA	2019	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	42	0	42	0	42
EE	ESTONIA	2019					
FI	FINLAND	2019					
FR	FRANCE	2019	0	39	39	0	39
DE	GERMANY	2019					5
IT	ITALY	2019			60	15	75
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019			128	0	128
PT	PORTUGAL	2019					
RO	ROMANIA	2019					
SK	SLOVAKIA	2019	0	0	0	0	0
SI	SLOVENIA	2019	0	0	0	0	0
ES	SPAIN	2019					
SE	SWEDEN	2019	35			7	42
UK	UNITED KINGDOM	2019			174	6	180
Total year 2019			77	39	443	28	511
OTHER COUNTRIES							
MD	MOLDOVA	2019					
NO	NORWAY	2019			61	0	61
Total year 2019			0	0	61	0	61

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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	2019					
BG	BULGARIA	2019					
HR	CROATIA	2019	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	0	0	0	0	0
EE	ESTONIA	2019					
FI	FINLAND	2019					
FR	FRANCE	2019					
DE	GERMANY	2019					0
IT	ITALY	2019			0	0	0
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019					
PT	PORTUGAL	2019					
RO	ROMANIA	2019					
SK	SLOVAKIA	2019					
SI	SLOVENIA	2019					
ES	SPAIN	2019					
SE	SWEDEN	2019					
UK	UNITED KINGDOM	2019					17
Total year 2019			0	0	0	0	17
OTHER COUNTRIES							
MD	MOLDOVA	2019					
NO	NORWAY	2019					
Total year 2019			0	0	0	0	0

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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	2019			0	0	0
BG	BULGARIA	2019					
HR	CROATIA	2019	0	0	0	0	0
CZ	CZECH REPUBLIC	2019					
EE	ESTONIA	2019					
FI	FINLAND	2019				1	1
FR	FRANCE	2019					
DE	GERMANY	2019					0
IT	ITALY	2019					
LV	LATVIA	2019	0	0	0	1	1
LT	LITHUANIA	2019	0	0	0	21	21
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019			0	0	0
PT	PORTUGAL	2019					
RO	ROMANIA	2019					
SK	SLOVAKIA	2019	0	0	0	91	91
SI	SLOVENIA	2019	0	0	0	4	4
ES	SPAIN	2019					
SE	SWEDEN	2019					
UK	UNITED KINGDOM	2019				373	373
Total year 2019			0	0	0	491	491
OTHER COUNTRIES							
MD	MOLDOVA	2019	0	0	0	0	0
NO	NORWAY	2019			0	0	0
Total year 2019			0	0	0	0	0

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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	2019					
BG	BULGARIA	2019					
HR	CROATIA	2019				0	0
CZ	CZECH REPUBLIC	2019				0	0
EE	ESTONIA	2019					
FI	FINLAND	2019					
FR	FRANCE	2019				0	0
DE	GERMANY	2019					0
IT	ITALY	2019				9	9
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019				0	0
MT	MALTA	2019				0	0
NL	NETHERLANDS	2019				0	0
PT	PORTUGAL	2019					
RO	ROMANIA	2019					
SK	SLOVAKIA	2019				0	0
SI	SLOVENIA	2019				0	0
ES	SPAIN	2019					
SE	SWEDEN	2019					
UK	UNITED KINGDOM	2019					
Total year 2019			0	0	0	9	9
OTHER COUNTRIES							
MD	MOLDOVA	2019					
NO	NORWAY	2019				0	0
Total year 2019			0	0	0	0	0

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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	2019					
BG	BULGARIA	2019					
HR	CROATIA	2019				0	0
CZ	CZECH REPUBLIC	2019					
EE	ESTONIA	2019					
FI	FINLAND	2019					
FR	FRANCE	2019					
DE	GERMANY	2019					0
IT	ITALY	2019					
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019				0	0
MT	MALTA	2019				0	0
NL	NETHERLANDS	2019					
PT	PORTUGAL	2019					
RO	ROMANIA	2019					
SK	SLOVAKIA	2019					
SI	SLOVENIA	2019					
ES	SPAIN	2019					
SE	SWEDEN	2019					
UK	UNITED KINGDOM	2019					0
Total year 2019			0	0	0	0	0
OTHER COUNTRIES							
MD	MOLDOVA	2019				0	0
NO	NORWAY	2019					
Total year 2019			0	0	0	0	0

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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	2019					287
BG	BULGARIA	2019					
HR	CROATIA	2019				0	0
CZ	CZECH REPUBLIC	2019				182	182
EE	ESTONIA	2019					
FI	FINLAND	2019					
FR	FRANCE	2019				421	421
DE	GERMANY	2019					0
IT	ITALY	2019				821	821
LV	LATVIA	2019					
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019				0	0
MT	MALTA	2019				0	0
NL	NETHERLANDS	2019				139	139
PT	PORTUGAL	2019					
RO	ROMANIA	2019					
SK	SLOVAKIA	2019				152	152
SI	SLOVENIA	2019					
ES	SPAIN	2019					
SE	SWEDEN	2019					104
UK	UNITED KINGDOM	2019				35	35
Total year 2019			0	0	0	1750	2141
OTHER COUNTRIES							
MD	MOLDOVA	2019				0	0
NO	NORWAY	2019				31	31
Total year 2019			0	0	0	31	31

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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	2019			0	29	29
BG	BULGARIA	2019	65		65	0	65
HR	CROATIA	2019	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	0	0	0	397	397
EE	ESTONIA	2019				12	12
FI	FINLAND	2019			69	69	69
FR	FRANCE	2019					
DE	GERMANY	2019					1828
IT	ITALY	2019					
LV	LATVIA	2019	0	0	0	211	211
LT	LITHUANIA	2019					
LU	LUXEMBOURG	2019	0	0	0	0	0
MT	MALTA	2019	0	0	0	0	0
NL	NETHERLANDS	2019			0	0	0
PT	PORTUGAL	2019	0	0	0	0	0
RO	ROMANIA	2019					
SK	SLOVAKIA	2019	1	105	106	1938	2044
SI	SLOVENIA	2019	0	0	0	102	102
ES	SPAIN	2019					
SE	SWEDEN	2019					0
UK	UNITED KINGDOM	2019					3073
Total year 2019			66	105	240	2758	7830
OTHER COUNTRIES							
MD	MOLDOVA	2019	0	0	0	0	0
NO	NORWAY	2019			6	0	6
Total year 2019			0	0	6	0	6

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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)

		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	2019	760		0	0	0			
BG	BULGARIA	2019	164	152	1	2	3	0	0	
CZ	CZECH REPUBLIC	2019	916	760	0	0	0	156	0	
DE	GERMANY	2019	11807	8916	145	1232	1377	34	28	
EE	ESTONIA	2019	41	39	0	0	0	0	0	
ES	SPAIN	2019	7095	3967			28			
FI	FINLAND	2019	292	278	15	0	15	0	0	
FR	FRANCE	2019	6502	6155	0	0	0	151	0	
HR	CROATIA	2019	357	320	30	0	30	0	0	
IT	ITALY	2019		7015				535	215	
LT	LITHUANIA	2019	34	34	0	0	0	0	0	
LU	LUXEMBOURG	2019	0	0	0	62	62	62	0	
LV	LATVIA	2019	29	38	0	10	10	0	0	
MT	MALTA	2019		0	0	0	0	0	0	
NL	NETHERLANDS	2019	4747	3412	10	0	10	511	94	
PT	PORTUGAL	2019	756	920	271	0	271	0	0	
RO	ROMANIA	2019	84	84	92	0	92	0	0	
SE	SWEDEN	2019	1340	1043	0	0	0	0	0	
SI	SLOVENIA	2019	104	104	0	0	0	0	0	
SK	SLOVAKIA	2019	387	227	71	0	71	0	0	
UK	UNITED KINGDOM	2019	5733	5247	50	652	702	83	0	
Total year 2019			41148	38711	685	1958	2671	1532	337	
OTHER COUNTRIES										
MD	MOLDOVA	2019	45	45	0	0	0	0	0	
NO	NORWAY	2019	348	7	0	92	92	0	0	
Total year 2019			393	52	0	92	92	0	0	

⚠ 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)

		Year			N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
					Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU
MEMBER STATES OF EU										
AT	AUSTRIA	2019	5		0	0	0			
BG	BULGARIA	2019	38	0	38	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	2284	494	0	0	0	1790	0	1790
DE	GERMANY	2019	136210	133709	56765	0	56765	17170	636	17806
EE	ESTONIA	2019	27	9	0	0	0	0	0	0
ES	SPAIN	2019	1042623	707413			6			327686
FI	FINLAND	2019	1045	1145	0	0	0	0	0	0
FR	FRANCE	2019	577998	400016	0	0	0	68429	0	68429
HR	CROATIA	2019	0	0	37	0	37	0	0	0
IT	ITALY	2019		4808						
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	446	1930	202	0	202	9128	1940	11068
PT	PORTUGAL	2019	0	11	15	0	15	0	0	0
RO	ROMANIA	2019	0	0	0	0	0	0	0	0
SE	SWEDEN	2019	73	61	10	0	10	18	0	18
SI	SLOVENIA	2019	24	24	0	0	0	0	0	0
SK	SLOVAKIA	2019	0	16626	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	436	842	23	2852	2875	186	8122	8308
Total year 2019			1761209	1267088	57090	2852	59910	96721	10698	435105
OTHER COUNTRIES										
MD	MOLDOVA	2019	93	69	0	0	0	0	0	0
NO	NORWAY	2019	0	0	608	131	739	0	0	0
Total year 2019			93	69	608	131	739	0	0	0

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Tissue Exchange Activity

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	2019	2		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	
CZ	CZECH REPUBLIC	2019	24	17	0	0	0	0	0	
DE	GERMANY	2019	166	101	0	0	0	0	0	
EE	ESTONIA	2019	33	27	0	0	0	0	0	
ES	SPAIN	2019	435	240			20		31	
FI	FINLAND	2019	17	17	0	0	0	0	0	
FR	FRANCE	2019	4502	3937	17	0	17	92	92	
HR	CROATIA	2019	0	5	0	0	0	0	0	
IT	ITALY	2019		431						
LT	LITHUANIA	2019	0	0	0	0	0	0	0	
LU	LUXEMBOURG	2019	0	37	0	0	0	0	0	
LV	LATVIA	2019	0	0	0	0	0	0	0	
MT	MALTA	2019		0	0	0	0	0	0	
NL	NETHERLANDS	2019	15	0	0	0	0	4	4	
PT	PORTUGAL	2019	0	0	0	0	0	0	0	
RO	ROMANIA	2019								
SE	SWEDEN	2019	228	13	0	0	0	0	0	
SI	SLOVENIA	2019	22	16	6	0	6	16	16	
SK	SLOVAKIA	2019	8	5	0	0	0	0	0	
UK	UNITED KINGDOM	2019	481	1365	2	6	8	0	0	
Total year 2019			5933	6211	25	6	51	112	0	
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	
NO	NORWAY	2019	1	1	0	0	0	0	0	
Total year 2019			1	1	0	0	0	0	0	

 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)

		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	2019	38		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	160	111	0	0	0	0	0	0
DE	GERMANY	2019	479	212	17	0	17	50	2	52
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019	486	193			1			114
FI	FINLAND	2019	59	59	0	0	0	16	0	16
FR	FRANCE	2019	232	191	18	0	18	7	0	7
HR	CROATIA	2019	3	2	0	0	0	0	0	0
IT	ITALY	2019		255					2	2
LT	LITHUANIA	2019	0	0	0	0	0	0	0	0
LU	LUXEMBOURG	2019	0	0	37	0	37	1	0	1
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	424	93	6	0	6	28	0	28
PT	PORTUGAL	2019	20	3	0	0	0	0	0	0
RO	ROMANIA	2019								
SE	SWEDEN	2019	356	157	0	0	0	76	5	81
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	2	1	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	523	148	10	327	337	6	99	105
Total year 2019			2782	1425	88	327	416	184	108	406
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019	11	11	0	0	0	0	0	0
Total year 2019			11	11	0	0	0	0	0	0

 **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)

		Year			N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
					Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU
MEMBER STATES OF EU										
AT	AUSTRIA	2019	55116		5846	0	5846			
BG	BULGARIA	2019	310	278	310	278	0	0	0	
CZ	CZECH REPUBLIC	2019	3789	2103	0	0	0	456	556	
DE	GERMANY	2019	75563	57225	7657	13	7670	4608	8497	
EE	ESTONIA	2019	304	474	196	0	196	0	0	
ES	SPAIN	2019	28536	27136					740	
FI	FINLAND	2019	1678	1077	0	0	0	0	0	
FR	FRANCE	2019	23711	80340	2092	0	2092	11792	0	
HR	CROATIA	2019	302	166	7	0	7	0	0	
IT	ITALY	2019		12398				46	8	
LT	LITHUANIA	2019	40	40	0	0	0	0	0	
LU	LUXEMBOURG	2019	0	581	1251	4160	5411	4830	0	
LV	LATVIA	2019	0	0	0	0	0	0	0	
MT	MALTA	2019		0	0	0	0	0	0	
NL	NETHERLANDS	2019	8461	10674	991	16	1007	18530	11428	
PT	PORTUGAL	2019	415	471	10	0	10	0	0	
RO	ROMANIA	2019	229	170	0	0	0	0	0	
SE	SWEDEN	2019	1760	1031	0	184	184	1	0	
SI	SLOVENIA	2019	0	0	0	0	0	0	0	
SK	SLOVAKIA	2019	2890	486	0	0	0	2122	0	
UK	UNITED KINGDOM	2019	4308	8302	7003	23207	30210	12099	31118	
Total year 2019			207412	202952	25363	27858	52633	54484	51607	
OTHER COUNTRIES										
MD	MOLDOVA	2019	255	393	0	0	0	0	0	
NO	NORWAY	2019								
Total year 2019			255	393	0	0	0	0	0	

 **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)

		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	2019								
BG	BULGARIA	2019	169	130	169	130	0	0	0	
CZ	CZECH REPUBLIC	2019	2269	1257	0	0	0	158	552	
DE	GERMANY	2019	14942	12681	164	0	164	140	157	
EE	ESTONIA	2019	75	56	0	0	0	0	0	
ES	SPAIN	2019								
FI	FINLAND	2019								
FR	FRANCE	2019	150	272	44	0	44	0	0	
HR	CROATIA	2019	221	98	4	0	4	0	0	
IT	ITALY	2019	953	678						
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	160	521	16	537	377	0	
LV	LATVIA	2019	0	0	0	0	0	0	0	
MT	MALTA	2019		0	0	0	0	0	0	
NL	NETHERLANDS	2019	4015	2512	180	16	196	618	15	
PT	PORTUGAL	2019	334	418	4	0	4	0	0	
RO	ROMANIA	2019	209	150	0	0	0	0	0	
SE	SWEDEN	2019	1580	826	0	0	0	1	0	
SI	SLOVENIA	2019	90	90	0	0	0	0	0	
SK	SLOVAKIA	2019	1758	194	0	0	0	1399	0	
UK	UNITED KINGDOM	2019	2384	5297	445	1087	1532	2869	15549	
Total year 2019			29149	24819	1531	1249	2481	5562	16273	
OTHER COUNTRIES										
MD	MOLDOVA	2019	66	139	0	0	0	0	0	
NO	NORWAY	2019	0	93	93	0	93	0	0	
Total year 2019			66	232	93	0	93	0	0	



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)

		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	2019	0		0	0	0			
BG	BULGARIA	2019	27	24	27	24	0	0	0	0
CZ	CZECH REPUBLIC	2019	984	668	0	0	0	298	4	302
DE	GERMANY	2019	2485	1815	0	0	0	83	99	182
EE	ESTONIA	2019	8	16	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019								
FR	FRANCE	2019	106	312	271	0	271	0	0	0
HR	CROATIA	2019	1	1	1	0	1	0	0	0
IT	ITALY	2019	2316	2729						
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	985	606	1	0	1	26	0	26
PT	PORTUGAL	2019	81	75	6	0	6	0	0	0
RO	ROMANIA	2019	23	20	0	0	0	0	0	0
SE	SWEDEN	2019	128	195	0	184	184	0	0	0
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	304	36	0	0	0	268	0	268
UK	UNITED KINGDOM	2019	1340	2208	410	2479	2889	113	15554	15667
Total year 2019			8788	8705	716	2687	3352	788	15657	16445
OTHER COUNTRIES										
MD	MOLDOVA	2019	9	3	0	0	0	0	0	0
NO	NORWAY	2019	1	1	9	10	19	0	0	0
Total year 2019			10	4	9	10	19	0	0	0



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)

		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	2019	4		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	35	1	0	0	0	0	0	0
DE	GERMANY	2019	3798	3432	4	2	6	12	0	12
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019								
FR	FRANCE	2019	0	0	0	0	0	0	0	0
HR	CROATIA	2019	0	0	0	0	0	0	0	0
IT	ITALY	2019	148	173						
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	15	49	2	0	2	0	0	0
PT	PORTUGAL	2019	0	0	0	0	0	0	0	0
RO	ROMANIA	2019								
SE	SWEDEN	2019	0							
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	364	0	0	0	0	353	0	353
UK	UNITED KINGDOM	2019	207	37	319	257	576	0	0	0
Total year 2019			4571	3692	325	259	584	365	0	365
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019	4	3	0	3	3	0	3	3
Total year 2019			4	3	0	3	3	0	3	3



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)

		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	2019	0		0	0	0				
BG	BULGARIA	2019	0	0	0		0	0	0	0	0
CZ	CZECH REPUBLIC	2019									
DE	GERMANY	2019	0	0	0	0	0	0	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0	0
ES	SPAIN	2019									
FI	FINLAND	2019									
FR	FRANCE	2019									
HR	CROATIA	2019	0	0	0	0	0	0	0	0	0
IT	ITALY	2019	0	0							
LT	LITHUANIA	2019									
LU	LUXEMBOURG	2019	0	0	0		0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0	0
NL	NETHERLANDS	2019									
PT	PORTUGAL	2019	0	0	0		0	0	0	0	0
RO	ROMANIA	2019									
SE	SWEDEN	2019	0								
SI	SLOVENIA	2019									
SK	SLOVAKIA	2019									
UK	UNITED KINGDOM	2019									
Total year 2019			0	0	0	0	0	0	0	0	0
OTHER COUNTRIES											
MD	MOLDOVA	2019	0	0	0		0	0	0	0	0
NO	NORWAY	2019									
Total year 2019			0	0	0	0	0	0	0	0	0



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)

		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	2019								
BG	BULGARIA	2019	114	124	114	124	0	0	0	
CZ	CZECH REPUBLIC	2019	316	155	0	0	0	0	0	
DE	GERMANY	2019	54338	39288	7487	0	7487	4373	8241	
EE	ESTONIA	2019	221	402	196	0	196	0	0	
ES	SPAIN	2019								
FI	FINLAND	2019								
FR	FRANCE	2019	23439	79730	1754	0	1754	11792	0	
HR	CROATIA	2019	78	65	0	0	0	0	0	
IT	ITALY	2019	7534	8729						
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	418	730	4089	4819	4401	0	
LV	LATVIA	2019	0	0	0	0	0	0	0	
MT	MALTA	2019		0	0	0	0	0	0	
NL	NETHERLANDS	2019	3394	7421	787		787	17881	11413	
PT	PORTUGAL	2019	0	0	0	0	0	0	0	
RO	ROMANIA	2019								
SE	SWEDEN	2019	0							
SI	SLOVENIA	2019	0	0	0	0	0	0	0	
SK	SLOVAKIA	2019	360	256	0	0	0	0	0	
UK	UNITED KINGDOM	2019	288	757	5825	19276	25101	9117	14	
Total year 2019			90082	137345	16893	23489	40144	47564	19668	
OTHER COUNTRIES										
MD	MOLDOVA	2019	176	251	0	0	0	0	0	
NO	NORWAY	2019	183	25	0	0	0	0	0	
Total year 2019			359	276	0	0	0	0	0	

 **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)

		Year			N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
					Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU
MEMBER STATES OF EU										
AT	AUSTRIA	2019	0		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	
CZ	CZECH REPUBLIC	2019	185	22	0	0	0	45	0	45
DE	GERMANY	2019	0	9	2	11	13	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019								
FR	FRANCE	2019	16	26	23	0	23	0	0	0
HR	CROATIA	2019	2	2	2	0	2	0	0	0
IT	ITALY	2019	89	89						
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	3	0	55	55	52	0	52
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	52	86	21	0	21	5	0	5
PT	PORTUGAL	2019	0	0	0	0	0	0	0	0
RO	ROMANIA	2019								
SE	SWEDEN	2019	52	10	0	0	0	0	0	0
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	104	0	0	0	0	102	0	102
UK	UNITED KINGDOM	2019	89	3	4	108	112	0	1	1
Total year 2019			589	250	52	174	226	204	1	205
OTHER COUNTRIES										
MD	MOLDOVA	2019	4	0	0	0	0	0	0	0
NO	NORWAY	2019	10	0	0	0	0	0	0	0
Total year 2019			14	0	0	0	0	0	0	0

 **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)

		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	2019	422		0	0	0			
BG	BULGARIA	2019	0	0			0	0	0	0
CZ	CZECH REPUBLIC	2019	1757	802	0	0	0	300	55	355
DE	GERMANY	2019	8181	4682	0	0	0	49	55	104
EE	ESTONIA	2019	126	66	0	0	0	0	0	0
ES	SPAIN	2019	2279	1931			6			13
FI	FINLAND	2019	189	143	168	0	168	32	0	32
FR	FRANCE	2019	9081	5001	0	0	0	523	0	523
HR	CROATIA	2019	414	167	0	0	0	0	0	0
IT	ITALY	2019		53875						
LT	LITHUANIA	2019	41	41	0	0	0	0	0	41
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	2	178	5	0	5	248	4	252
PT	PORTUGAL	2019	183	202	0	0	0	0	0	0
RO	ROMANIA	2019								
SE	SWEDEN	2019	72	40	0	0	0	0	0	0
SI	SLOVENIA	2019	1	1	0	0	0	0	0	0
SK	SLOVAKIA	2019	392	330	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	99	857	0	250	250	611	98	709
Total year 2019			23239	68316	173	250	429	1763	212	2029
OTHER COUNTRIES										
MD	MOLDOVA	2019	130	101	0	0	0	0	0	0
NO	NORWAY	2019	139	7	6	23	29	0	0	0
Total year 2019			269	108	6	23	29	0	0	0

 **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)

		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	2019	0		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	42	7	0	0	0	0	0	0
DE	GERMANY	2019	5	3	0	0	0	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019	0	0	0	0	0	0	0	0
FR	FRANCE	2019								
HR	CROATIA	2019	0	0	0	0	0	0	0	0
IT	ITALY	2019	75	17						
LT	LITHUANIA	2019	0	0	0	0	0	0	0	0
LU	LUXEMBOURG	2019	0	0	0	0	0	1	0	1
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	8	8	0	0	0	0	0	0
PT	PORTUGAL	2019								
RO	ROMANIA	2019								
SE	SWEDEN	2019	42	0	0	0	0	0	0	0
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	0	0	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	113	100	0	0	0	0	0	0
Total year 2019			285	135	0	0	0	1	0	1
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019	22	3	0	0	0	0	0	0
Total year 2019			22	3	0	0	0	0	0	0

 **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

		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	2019	0	0	0	0	0	0	0	0
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019								
DE	GERMANY	2019	0	0	0	0	0	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019	0	0	0	0	0	0	0	0
FR	FRANCE	2019								
HR	CROATIA	2019	0	0	0	0	0	0	0	0
IT	ITALY	2019								
LT	LITHUANIA	2019								
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019								
PT	PORTUGAL	2019								
RO	ROMANIA	2019								
SE	SWEDEN	2019	0							
SI	SLOVENIA	2019								
SK	SLOVAKIA	2019	0	0	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	7	7	0	0	0	0	0	0
Total year 2019			7	7	0	0	0	0	0	0
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019								
Total year 2019			0	0	0	0	0	0	0	0



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)

		Year			N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
					Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU
MEMBER STATES OF EU										
AT	AUSTRIA	2019	0		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	0	0	0	0	0	0	0	0
DE	GERMANY	2019	0	0	0	0	0	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019	1		0	0	0	0	0	0
FR	FRANCE	2019								
HR	CROATIA	2019	0	0	0	0	0	0	0	0
IT	ITALY	2019								
LT	LITHUANIA	2019	21	21	0	0	0	0	0	21
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	1	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	0	0	0	0	0	0	0	0
PT	PORTUGAL	2019								
RO	ROMANIA	2019								
SE	SWEDEN	2019	0							
SI	SLOVENIA	2019	4	4	0	0	0	0	0	
SK	SLOVAKIA	2019	91	91	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	62	0	0	0	0	0	4	4
Total year 2019			179	117	0	0	0	0	4	25
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019	0	0	0	0	0	0	0	0
Total year 2019			0	0	0	0	0	0	0	0

 **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

		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	2019	0	0	0	0	0	0	0	0	0
BG	BULGARIA	2019	0	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	0	0	0	0	0	0	0	0	0
DE	GERMANY	2019	0	0	0	0	0	0	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0	0
ES	SPAIN	2019									
FI	FINLAND	2019	0	0	0	0	0	0	0	0	0
FR	FRANCE	2019	0	0	0	0	0	0	0	0	0
HR	CROATIA	2019	0	0	0	0	0	0	0	0	0
IT	ITALY	2019	9	0							
LT	LITHUANIA	2019	0	0	0	0	0	0	0	0	0
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0	0
NL	NETHERLANDS	2019	0	0	0	0	0	0	0	0	0
PT	PORTUGAL	2019									
RO	ROMANIA	2019									
SE	SWEDEN	2019	0								
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	0	0	0	0	0	0	0	0	0
UK	UNITED KINGDOM	2019									
Total year 2019			9	0	0	0	0	0	0	0	0
OTHER COUNTRIES											
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0	0
NO	NORWAY	2019	0	0	0	0	0	0	0	0	0
Total year 2019			0	0	0	0	0	0	0	0	0

 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)

		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	2019	0	0	0	0	0	0	0	0
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019								
DE	GERMANY	2019	0	0	0	0	0	0	0	0
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019	0	0	12	0	12	0	0	0
FR	FRANCE	2019								
HR	CROATIA	2019	0	0	0	0	0	0	0	0
IT	ITALY	2019								
LT	LITHUANIA	2019	0	0	0	0	0	0	0	0
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	0	0	0	0	0	0	0	0
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019								
PT	PORTUGAL	2019								
RO	ROMANIA	2019								
SE	SWEDEN	2019	0							
SI	SLOVENIA	2019								
SK	SLOVAKIA	2019	0	0	0	0	0	0	0	0
UK	UNITED KINGDOM	2019	0	35	0	85	85	0	0	0
Total year 2019			0	35	12	85	97	0	0	0
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019								
Total year 2019			0	0	0	0	0	0	0	0



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)

		Year			N° of Tissue RECEIVED from foreign countries			N° of Tissue DISTRIBUTED to foreign countries		
					Processed	Distributed NATIONALLY	INTRA EU	EXTRA EU	TOTAL	INTRA EU
MEMBER STATES OF EU										
AT	AUSTRIA	2019	31		0	0	0			
BG	BULGARIA	2019	0	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2019	318	137	118	0	118	0	0	0
DE	GERMANY	2019	2747	700	16346	0	16346	6	0	6
EE	ESTONIA	2019	0	0	0	0	0	0	0	0
ES	SPAIN	2019								
FI	FINLAND	2019	65	65	0	0	0	0	0	0
FR	FRANCE	2019								
HR	CROATIA	2019	0	1	0	0	0	0	0	0
IT	ITALY	2019								
LT	LITHUANIA	2019	0	0	0	0	0	0	0	0
LU	LUXEMBOURG	2019	0	0	0	0	0	0	0	0
LV	LATVIA	2019	22	0	0	0	0	183	0	183
MT	MALTA	2019		0	0	0	0	0	0	0
NL	NETHERLANDS	2019	0	0	0	0	0	0	0	0
PT	PORTUGAL	2019	0	0	0	0	0	0	0	0
RO	ROMANIA	2019								
SE	SWEDEN	2019	0							
SI	SLOVENIA	2019	0	0	0	0	0	0	0	0
SK	SLOVAKIA	2019	1690	197	789	0	789	331	0	331
UK	UNITED KINGDOM	2019	14627	15395	7417	4638	12055	12	4	16
Total year 2019			19500	16495	24670	4638	29308	532	4	536
OTHER COUNTRIES										
MD	MOLDOVA	2019	0	0	0	0	0	0	0	0
NO	NORWAY	2019	0	0	0	0	0	0	0	0
Total year 2019			0	0	0	0	0	0	0	0

 **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 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	2019		590	
BG BULGARIA	2019	152	139	152
HR CROATIA	2019	338	315	346
CZ CZECH REPUBLIC	2019	916	916	916
EE ESTONIA	2019		39	48
FI FINLAND	2019			
FR FRANCE	2019		5032	5436
DE GERMANY	2019			
IT ITALY	2019	6304		
LV LATVIA	2019			
LT LITHUANIA	2019	43	93	43
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		3124	3166
PT PORTUGAL	2019	939	925	925
RO ROMANIA	2019	176	176	176
SK SLOVAKIA	2019	300	296	299
SI SLOVENIA	2019	94	94	94
ES SPAIN	2019		4482	3162
SE SWEDEN	2019	923	857	1029
UK UNITED KINGDOM	2019			6589
Total year 2019		10185	17078	22381
OTHER COUNTRIES				
MD MOLDOVA	2019	45	45	45
NO NORWAY	2019	325	298	324
Total year 2019		370	343	369

 **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

2 - SKIN

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019		3	
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	5	4	59
CZ CZECH REPUBLIC	2019	2284		2284
EE ESTONIA	2019		4	3
FI FINLAND	2019		19	1145
FR FRANCE	2019		233	400016
DE GERMANY	2019			
IT ITALY	2019	1893		
LV LATVIA	2019			
LT LITHUANIA	2019			
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		245	1563
PT PORTUGAL	2019	4	4	11
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	32	31	16626
SI SLOVENIA	2019	3	3	3
ES SPAIN	2019		57	361241
SE SWEDEN	2019	53	20	43
UK UNITED KINGDOM	2019			12005
Total year 2019		4274	623	794999
OTHER COUNTRIES				
MD MOLDOVA	2019	12	12	69
NO NORWAY	2019	39	20	714
Total year 2019		51	32	783

 **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

3 - BLOOD VESSELS

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019		1	
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	2	2	5
CZ CZECH REPUBLIC	2019	15	15	17
EE ESTONIA	2019		27	27
FI FINLAND	2019			
FR FRANCE	2019		2343	3937
DE GERMANY	2019			
IT ITALY	2019	213		
LV LATVIA	2019			
LT LITHUANIA	2019	1	1	1
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		0	0
PT PORTUGAL	2019	0	0	0
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	2	2	5
SI SLOVENIA	2019	15	15	15
ES SPAIN	2019		137	175
SE SWEDEN	2019	8	14	13
UK UNITED KINGDOM	2019			178
Total year 2019		256	2557	4373
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019	0	0	0
Total year 2019		0	0	0

 **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

4 - HEART VALVES

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019		18	
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	1	1	1
CZ CZECH REPUBLIC	2019	105	105	105
EE ESTONIA	2019	0	0	0
FI FINLAND	2019			
FR FRANCE	2019		191	191
DE GERMANY	2019			
IT ITALY	2019	165		
LV LATVIA	2019			
LT LITHUANIA	2019	0	0	0
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		109	109
PT PORTUGAL	2019	3	3	3
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	1	1	1
SI SLOVENIA	2019	0	0	0
ES SPAIN	2019		65	65
SE SWEDEN	2019	176	174	157
UK UNITED KINGDOM	2019			586
Total year 2019		451	667	1218
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019	0	0	0
Total year 2019		0	0	0

 **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	2019			
BG BULGARIA	2019	180	170	180
HR CROATIA	2019	163	149	208
CZ CZECH REPUBLIC	2019	3505	3504	3563
EE ESTONIA	2019			
FI FINLAND	2019			
FR FRANCE	2019		56144	80340
DE GERMANY	2019			
IT ITALY	2019	8152		
LV LATVIA	2019			
LT LITHUANIA	2019	68	68	68
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		6053	6499
PT PORTUGAL	2019	453	315	481
RO ROMANIA	2019	149	149	170
SK SLOVAKIA	2019	267	265	393
SI SLOVENIA	2019	0	0	0
ES SPAIN	2019		20264	26059
SE SWEDEN	2019	847	824	787
UK UNITED KINGDOM	2019			38369
Total year 2019		13784	87905	157117
OTHER COUNTRIES				
MD MOLDOVA	2019	110	109	337
NO NORWAY	2019	280	275	285
Total year 2019		390	384	622

 **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

6 - AMNIOTIC MEMBRANE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019		282	
BG BULGARIA	2019	404	259	418
HR CROATIA	2019	160	124	169
CZ CZECH REPUBLIC	2019	530	459	530
EE ESTONIA	2019		49	66
FI FINLAND	2019			
FR FRANCE	2019		2812	5001
DE GERMANY	2019			
IT ITALY	2019	1083		
LV LATVIA	2019			
LT LITHUANIA	2019	41	41	41
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		136	141
PT PORTUGAL	2019	200	182	202
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	267	249	321
SI SLOVENIA	2019	38	38	38
ES SPAIN	2019		1854	1946
SE SWEDEN	2019	410	340	343
UK UNITED KINGDOM	2019			2790
Total year 2019		3133	6825	12006
OTHER COUNTRIES				
MD MOLDOVA	2019	65	57	101
NO NORWAY	2019	98	83	98
Total year 2019		163	140	199

 **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

7 - PANCREATIC ISLETS

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019		0	
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	0	0	0
CZ CZECH REPUBLIC	2019	7	7	7
EE ESTONIA	2019	0	0	0
FI FINLAND	2019	0	0	0
FR FRANCE	2019	20	6	
DE GERMANY	2019			
IT ITALY	2019	13		
LV LATVIA	2019			
LT LITHUANIA	2019	0	0	0
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		8	8
PT PORTUGAL	2019			
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	0	0	0
SI SLOVENIA	2019	0	0	0
ES SPAIN	2019			
SE SWEDEN	2019	17	17	16
UK UNITED KINGDOM	2019			45
Total year 2019		57	38	76
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019	10	10	10
Total year 2019		10	10	10

 **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

8 - HEPATIC TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019	0	0	0
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	0	0	0
CZ CZECH REPUBLIC	2019			
EE ESTONIA	2019	0	0	0
FI FINLAND	2019	0	0	0
FR FRANCE	2019			
DE GERMANY	2019			
IT ITALY	2019			
LV LATVIA	2019			
LT LITHUANIA	2019			
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019			
PT PORTUGAL	2019			
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	0	0	0
SI SLOVENIA	2019			
ES SPAIN	2019			
SE SWEDEN	2019	0		
UK UNITED KINGDOM	2019			0
Total year 2019		0	0	0
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019			
Total year 2019		0	0	0

 **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

9 - ADIPOSE TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019		0	
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	0	0	0
CZ CZECH REPUBLIC	2019	0	0	0
EE ESTONIA	2019	0	0	0
FI FINLAND	2019			
FR FRANCE	2019			
DE GERMANY	2019			
IT ITALY	2019			
LV LATVIA	2019			
LT LITHUANIA	2019	21	21	21
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		0	0
PT PORTUGAL	2019			
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	91	90	89
SI SLOVENIA	2019	0	0	0
ES SPAIN	2019			
SE SWEDEN	2019	0		
UK UNITED KINGDOM	2019			87
Total year 2019		112	111	197
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019	0	0	0
Total year 2019		0	0	0

 **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

10 - PARATHYROID

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019	0	0	0
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	0	0	0
CZ CZECH REPUBLIC	2019	0	0	0
EE ESTONIA	2019	0	0	0
FI FINLAND	2019	0	0	0
FR FRANCE	2019		0	0
DE GERMANY	2019			
IT ITALY	2019	0		
LV LATVIA	2019			
LT LITHUANIA	2019	0	0	0
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		0	0
PT PORTUGAL	2019			
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	0	0	0
SI SLOVENIA	2019	0	0	
ES SPAIN	2019			
SE SWEDEN	2019	0		
UK UNITED KINGDOM	2019			
Total year 2019		0	0	0
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019	0	0	0
Total year 2019		0	0	0



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

11 - NEURONAL TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019	0	0	0
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	0	0	0
CZ CZECH REPUBLIC	2019			
EE ESTONIA	2019	0	0	0
FI FINLAND	2019			
FR FRANCE	2019			
DE GERMANY	2019			
IT ITALY	2019			
LV LATVIA	2019			
LT LITHUANIA	2019	0	0	0
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019			
PT PORTUGAL	2019			
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	0	0	0
SI SLOVENIA	2019			
ES SPAIN	2019			
SE SWEDEN	2019	0		
UK UNITED KINGDOM	2019			73
Total year 2019		0	0	73
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019			
Total year 2019		0	0	0



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

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

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT AUSTRIA	2019			
BG BULGARIA	2019	0	0	0
HR CROATIA	2019	0	0	0
CZ CZECH REPUBLIC	2019	13	13	13
EE ESTONIA	2019	0	0	0
FI FINLAND	2019			
FR FRANCE	2019			
DE GERMANY	2019			
IT ITALY	2019			
LV LATVIA	2019			
LT LITHUANIA	2019	0	0	0
LU LUXEMBOURG	2019	0	0	0
MT MALTA	2019	0	0	0
NL NETHERLANDS	2019		0	0
PT PORTUGAL	2019	0	0	0
RO ROMANIA	2019	0	0	0
SK SLOVAKIA	2019	190	178	193
SI SLOVENIA	2019	0	0	0
ES SPAIN	2019			
SE SWEDEN	2019	0		
UK UNITED KINGDOM	2019			133
Total year 2019		203	191	339
OTHER COUNTRIES				
MD MOLDOVA	2019	0	0	0
NO NORWAY	2019	0	0	0
Total year 2019		0	0	0

 **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

European Network of Competent Authorities for Tissues and Cells

Appendix I

List of countries and Competent Authorities providing data for 2019

✓ **Austria**

BASG - Bundesamt für Sicherheit im Gesundheitswesen - Federal Office for Safety in Health Care

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

✓ **Estonia**

Ravimiamet (Estonian State Agency of Medicines)

✓ **Finland**

Lääkealan turvallisuus- ja kehittämiskeskus (FIMEA) (Finnish Medicines Agency)

✓ **France**

Agence de la biomédecine (ABM) (French Biomedicine Agency)

✓ **Germany**

Paul-Ehrlich-Institut (PEI) (Division of Medical Biotechnology)

Greece

Hungary

Ireland

✓ **Italy**

Centro Nazionale Trapianti (CNT) (Italian National Transplant Centre)

✓ **Latvia**

Zāļu valsts aģentūra - State Agency of Medicines of the Republic of Latvia

✓ **Lithuania**

Nacionalinis Transplantacijos Biuras (NTB) (National Transplant Bureau)

European Network of Competent Authorities for Tissues and Cells

✓ **Luxembourg**

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

Macedonia

✓ **Malta**

Ministry of Health (MOH)

✓ **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

✓ **Portugal**

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

Agentia Națională de Transplant (National Transplant Agency)

✓ **Slovakia**

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

✓ **Slovenia**

Slovenija-transplant

✓ **Spain**

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

✓ **Sweden**

Health and Social Care Inspectorate (IVO)

Switzerland

Turkey

✓ **United Kingdom**

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 cells or tissues intended for human application.

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

Donor: Every human source, whether living or deceased of human cells or tissues.

—■ E

Export: Act of transporting a tissue or cell intended for human application to another country where it is to be processed further or used directly.

—■ 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 one country from another for the purpose of human application or further processing.

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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.

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Pancreatic Islets: any of the groups of small slightly granular endocrine cells that form anastomosing trabeculae among the tubules and alveoli of the pancreas and secrete insulin and glucagon.

Parathyroid: any of usually four small endocrine glands that are adjacent to or embedded in the thyroid gland, are composed of irregularly arranged secretory epithelial cells lying in a stroma rich in capillaries, and produce parathyroid hormone.

Placenta: An organ that connects the developing foetus to the uterine wall to allow nutrient uptake, waste elimination and gas exchange via the mother's blood supply.

Processing: All operations involved in the preparation, manipulation, preservation, storage and packaging of tissues or cells intended for human application.

—■ R

Recipient: Person to whom human tissues, cells or reproductive cells and embryos are applied.

Retrieval or Recovery: see Number of Tissue procured.

—■ S

Sclera: Fibrous white outer coat of the eye.

Skin: Thin layer of tissue forming the natural outer covering of the human body. Skin is composed of two primary layers: the epidermis and dermis. These layers are separated by a thin sheet of fibres, the 'basement membrane'. Keratinocytes constitute 95% of the epidermis. The dermis provides tensile strength and elasticity to the skin through an extracellular matrix composed of collagen fibrils, microfibrils, and elastic fibres, embedded in proteoglycans.

Skin – meshed: Strips of skin graft less than 1mm in depth cut into a lattice structure to increase surface area.

Storage: * Means maintaining the product under appropriate controlled conditions until distribution.

—■ T

Tendon: A tough band of fibrous connective tissue that usually connects muscle to bone and which can withstand tension

Tissue: All constituent parts of the human body formed by cells.

Tissue Establishment: A tissue bank or a unit of a hospital or another body where activities of processing, preservation, storage or distribution of human tissues and cells are undertaken. It may also be responsible for procurement and/or testing of tissues and cells.

Tissue donation (effective): When tissue intended for human application is retrieved from a human body.

Transplantation/implantation/grafting: Transfer (engraftment) of human tissues or cells from a donor to a recipient with the aim of restoring function(s) in the body.

—■ U

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Unique donation number: The unique number attributed to a specific donation of tissues and cells in line with the system in place in each Member State for allocating such numbers, as further specified in Annex VII to Commission Directive (EU) 2015/565.

—■ W

Whole bone: Whole or pieces of bone which remain as a piece rather than being ground down.