

EUROCET

*European Network of Competent
Authorities for Tissues and Cells*

Report 2019

TISSUE DATA Year 2018

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European Network of Competent Authorities for Tissues and Cells

Report 2019

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 2018.

This year **24** countries joined the collection and provided data - 21 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	2018			594	2395	2989
BG	BULGARIA	2018	256	0	256	2606	2862
HR	CROATIA	2018	231	47	278	179	457
CZ	CZECH REPUBLIC	2018	684	129	813	2382	3195
EE	ESTONIA	2018		28	28	95	123
FI	FINLAND	2018			336	797	1123
FR	FRANCE	2018	4873	997	5870	38632	44502
DE	GERMANY	2018					
HU	HUNGARY	2018	205	94	299	1554	1853
IT	ITALY	2018	8409	1434	9843	3698	13541
LV	LATVIA	2018	20	0	20	197	217
LT	LITHUANIA	2018	4	21	25	125	150
LU	LUXEMBOURG	2018					
MT	MALTA	2018		3	3		3
NL	NETHERLANDS	2018			2398	834	2398
PT	PORTUGAL	2018	285	201	486	47	533
SK	SLOVAKIA	2018	169	25	194	2105	2299
ES	SPAIN	2018					
SE	SWEDEN	2018		951	951	1063	2614
UK	UNITED KINGDOM	2018					35283
Total year 2018			15136	3930	22394	56709	114142
OTHER COUNTRIES							
MD	MOLDOVA	2018	7	10	17	29	46
NO	NORWAY	2018			311	297	608
CH	SWITZERLAND	2018					758
Total year 2018			7	10	328	326	1412

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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 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	2018				8196	
BG	BULGARIA	2018	3317	0	3317	2617	5934
HR	CROATIA	2018	459	105	564	258	822
CZ	CZECH REPUBLIC	2018	4991	351	5342	2355	7697
EE	ESTONIA	2018		128	128	95	223
FI	FINLAND	2018					
FR	FRANCE	2018	5053	1598	6651	38294	44945
DE	GERMANY	2018					38982
HU	HUNGARY	2018	380	94	474	1653	2127
IT	ITALY	2018					
LV	LATVIA	2018	80	0	80	197	277
LT	LITHUANIA	2018	8	42	50	125	175
LU	LUXEMBOURG	2018					
MT	MALTA	2018		6	6		6
NL	NETHERLANDS	2018					
PT	PORTUGAL	2018	646	653	1299	54	1353
SK	SLOVAKIA	2018	1832	50	1882	2258	4140
ES	SPAIN	2018					
SE	SWEDEN	2018		2066	2066	2065	4131
UK	UNITED KINGDOM	2018					42733
Total year 2018			16766	5093	21859	49971	161741
OTHER COUNTRIES							
MD	MOLDOVA	2018	43	179	222	30	252
NO	NORWAY	2018			548	313	861
CH	SWITZERLAND	2018					
Total year 2018			43	179	770	343	1113

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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	2018				-	
BG BULGARIA	2018	68	0	68	-	68
HR CROATIA	2018	230	43	273	-	273
CZ CZECH REPUBLIC	2018	517	0	517	-	517
EE ESTONIA	2018	0	23	23	-	23
FI FINLAND	2018			218	-	218
FR FRANCE	2018	4802	797	5599	-	5599
DE GERMANY	2018				-	
HU HUNGARY	2018				-	
IT ITALY	2018	7897	868	8765	-	8765
LV LATVIA	2018	20	0	20	-	20
LT LITHUANIA	2018	4	21	25	-	25
LU LUXEMBOURG	2018				-	
MT MALTA	2018	0	6	6	-	6
NL NETHERLANDS	2018			2203	-	2203
PT PORTUGAL	2018	346	200	546	-	546
SK SLOVAKIA	2018	94	25	119	-	119
ES SPAIN	2018			3574	-	3574
SE SWEDEN	2018		579	579	-	579
UK UNITED KINGDOM	2018				-	6212
Total year 2018		13978	2562	22535	0	28747
OTHER COUNTRIES						
MD MOLDOVA	2018	6	9	15	-	15
NO NORWAY	2018			241	-	241
CH SWITZERLAND	2018			869	-	869
Total year 2018		6	9	1125	0	1125

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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	2018			20	0	20
BG BULGARIA	2018	79	0	79	0	79
HR CROATIA	2018	0	0	0	1	1
CZ CZECH REPUBLIC	2018	91	0	91		91
EE ESTONIA	2018	0	8	8	0	8
FI FINLAND	2018	0	23	23	0	23
FR FRANCE	2018	128	195	323	0	323
DE GERMANY	2018					
HU HUNGARY	2018					
IT ITALY	2018	98	250	348	0	348
LV LATVIA	2018	0	0	0	0	0
LT LITHUANIA	2018	0	0	0		
LU LUXEMBOURG	2018					
MT MALTA	2018	0	0	0	0	0
NL NETHERLANDS	2018			367	0	367
PT PORTUGAL	2018	0	0	0	0	0
SK SLOVAKIA	2018	0	0	0	0	0
ES SPAIN	2018					257
SE SWEDEN	2018		39	39	27	66
UK UNITED KINGDOM	2018					512
Total year 2018		396	515	1298	28	2095
OTHER COUNTRIES						
MD MOLDOVA	2018	1	5	6	0	6
NO NORWAY	2018					
CH SWITZERLAND	2018	0	0	0	0	0
Total year 2018		1	5	6	0	6

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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	2018				
BG	BULGARIA	2018	0	0	0	0
HR	CROATIA	2018	0	6	6	6
CZ	CZECH REPUBLIC	2018	0	12	12	12
EE	ESTONIA	2018	0	24	24	4
FI	FINLAND	2018	0	17	17	0
FR	FRANCE	2018	44	341	385	10630
DE	GERMANY	2018				
HU	HUNGARY	2018				
IT	ITALY	2018	106	80	186	239
LV	LATVIA	2018	0	0	0	0
LT	LITHUANIA	2018	0	0	0	0
LU	LUXEMBOURG	2018				
MT	MALTA	2018	0	0	0	0
NL	NETHERLANDS	2018			16	0
PT	PORTUGAL	2018	0	0	0	0
SK	SLOVAKIA	2018	0	0	0	0
ES	SPAIN	2018			184	184
SE	SWEDEN	2018		93	93	93
UK	UNITED KINGDOM	2018				353
Total year 2018			150	573	923	10873
OTHER COUNTRIES						
MD	MOLDOVA	2018	0	5	5	0
NO	NORWAY	2018			100	100
CH	SWITZERLAND	2018			7	0
Total year 2018			0	5	112	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

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	2018				
BG	BULGARIA	2018	0	0	0	0
HR	CROATIA	2018	1	1	2	3
CZ	CZECH REPUBLIC	2018	6	97	103	103
EE	ESTONIA	2018	0	0	0	0
FI	FINLAND	2018	0	42	42	42
FR	FRANCE	2018	69	180	249	84
DE	GERMANY	2018				
HU	HUNGARY	2018				
IT	ITALY	2018	125	102	227	3
LV	LATVIA	2018	0	0	0	0
LT	LITHUANIA	2018	0	0	0	0
LU	LUXEMBOURG	2018				
MT	MALTA	2018	0	0	0	0
NL	NETHERLANDS	2018			217	0
PT	PORTUGAL	2018	3	13	16	7
SK	SLOVAKIA	2018	4	0	4	0
ES	SPAIN	2018			227	1
SE	SWEDEN	2018		161	161	161
UK	UNITED KINGDOM	2018				630
Total year 2018			208	596	1248	98
OTHER COUNTRIES						
MD	MOLDOVA	2018	0	0	0	0
NO	NORWAY	2018			9	9
CH	SWITZERLAND	2018			11	0
Total year 2018			0	0	20	0

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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	2018			1281	2417	3598
BG BULGARIA	2018	193	0	193	2595	2788
HR CROATIA	2018	0	0	0	173	173
CZ CZECH REPUBLIC	2018	258	21	279	1241	1520
EE ESTONIA	2018	0	8	8	87	95
FI FINLAND	2018			36	780	816
FR FRANCE	2018	10	85	95	27339	27434
DE GERMANY	2018					
HU HUNGARY	2018					
IT ITALY	2018	188	146	334	3263	3597
LV LATVIA	2018	20	0	20	0	20
LT LITHUANIA	2018	0	0	0	90	90
LU LUXEMBOURG	2018					
MT MALTA	2018	0	0	0	0	0
NL NETHERLANDS	2018			167	0	167
PT PORTUGAL	2018	0	31	31	23	54
SK SLOVAKIA	2018	71	0	71	370	441
ES SPAIN	2018			1022	1408	2430
SE SWEDEN	2018		33	33	1542	1575
UK UNITED KINGDOM	2018					6076
Total year 2018		740	324	3570	41328	50874
OTHER COUNTRIES						
MD MOLDOVA	2018	2	11	13	19	32
NO NORWAY	2018			4	308	312
CH SWITZERLAND	2018	0	0	296	0	296
Total year 2018		2	11	313	327	640

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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	2018	-	-	-		
BG BULGARIA	2018	-	-	-	16	16
HR CROATIA	2018	-	-	-	2	2
CZ CZECH REPUBLIC	2018	-	-	-	704	704
EE ESTONIA	2018	-	-	-	4	4
FI FINLAND	2018	-	-	-	6	6
FR FRANCE	2018	-	-	-	241	241
DE GERMANY	2018	-	-	-		
HU HUNGARY	2018	-	-	-		
IT ITALY	2018	-	-	-	317	317
LV LATVIA	2018	-	-	-	8	8
LT LITHUANIA	2018	-	-	-	2	2
LU LUXEMBOURG	2018	-	-	-		
MT MALTA	2018	-	-	-	0	0
NL NETHERLANDS	2018	-	-	-	1	1
PT PORTUGAL	2018	-	-	-	17	17
SK SLOVAKIA	2018	-	-	-	64	64
ES SPAIN	2018	-	-	-	92	92
SE SWEDEN	2018	-	-	-	3	3
UK UNITED KINGDOM	2018	-	-	-	0	0
Total year 2018		-	-	-	1477	1477
OTHER COUNTRIES						
MD MOLDOVA	2018	-	-	-	10	10
NO NORWAY	2018	-	-	-		
CH SWITZERLAND	2018	-	-	-	10	10
Total year 2018		-	-	-	20	20

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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	2018					
BG	BULGARIA	2018	0	0	0	0	
HR	CROATIA	2018	0	0	0	0	
CZ	CZECH REPUBLIC	2018	0	10	10	10	
EE	ESTONIA	2018	0	0	0	0	
FI	FINLAND	2018	0	0	0	0	
FR	FRANCE	2018	0	51	51	51	
DE	GERMANY	2018					
HU	HUNGARY	2018					
IT	ITALY	2018			59	59	
LV	LATVIA	2018	0	0	0	0	
LT	LITHUANIA	2018	0	0	0	0	
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	
NL	NETHERLANDS	2018		279	880	279	
PT	PORTUGAL	2018					
SK	SLOVAKIA	2018	0	0	0	0	
ES	SPAIN	2018					
SE	SWEDEN	2018		46	46	46	
UK	UNITED KINGDOM	2018					
Total year 2018			0	107	386	939	445
OTHER COUNTRIES							
MD	MOLDOVA	2018	0	0	0	0	
NO	NORWAY	2018			58	58	
CH	SWITZERLAND	2018			5	5	
Total year 2018			0	0	63	0	63

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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 -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	2018					
BG BULGARIA	2018	0	0	0	2	2
HR CROATIA	2018	0	0	0	0	0
CZ CZECH REPUBLIC	2018				27	27
EE ESTONIA	2018	0	0	0	0	0
FI FINLAND	2018	0	0	0	1	1
FR FRANCE	2018					
DE GERMANY	2018					
HU HUNGARY	2018					
IT ITALY	2018					
LV LATVIA	2018	0	0	0	0	0
LT LITHUANIA	2018	0	0	0	33	33
LU LUXEMBOURG	2018					
MT MALTA	2018	0	0	0	0	0
NL NETHERLANDS	2018	0	0	0	0	0
PT PORTUGAL	2018					
SK SLOVAKIA	2018	0	0	0	89	89
ES SPAIN	2018					
SE SWEDEN	2018				0	0
UK UNITED KINGDOM	2018					529
Total year 2018		0	0	0	152	681
OTHER COUNTRIES						
MD MOLDOVA	2018	0	0	0	0	0
NO NORWAY	2018					
CH SWITZERLAND	2018	0	0	0	0	0
Total year 2018		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 - 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	2018				
BG	BULGARIA	2018			0	0
HR	CROATIA	2018			0	0
CZ	CZECH REPUBLIC	2018			0	0
EE	ESTONIA	2018			0	0
FI	FINLAND	2018			0	0
FR	FRANCE	2018				
DE	GERMANY	2018				
HU	HUNGARY	2018				
IT	ITALY	2018			13	13
LV	LATVIA	2018			0	0
LT	LITHUANIA	2018			0	0
LU	LUXEMBOURG	2018				
MT	MALTA	2018			0	0
NL	NETHERLANDS	2018			0	0
PT	PORTUGAL	2018				
SK	SLOVAKIA	2018			0	0
ES	SPAIN	2018				
SE	SWEDEN	2018			0	0
UK	UNITED KINGDOM	2018				
Total year 2018			0	0	0	13
OTHER COUNTRIES						
MD	MOLDOVA	2018			0	0
NO	NORWAY	2018				
CH	SWITZERLAND	2018			0	0
Total year 2018			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	2018				14	14
BG BULGARIA	2018	31	0	31	0	31
HR CROATIA	2018	0	0	0	0	0
CZ CZECH REPUBLIC	2018	0	0	0	410	410
EE ESTONIA	2018	0	0	0	0	0
FI FINLAND	2018	0	0	0	0	0
FR FRANCE	2018					
DE GERMANY	2018					
HU HUNGARY	2018					
IT ITALY	2018					
LV LATVIA	2018	0	0	0	197	197
LT LITHUANIA	2018	0	0	0	0	0
LU LUXEMBOURG	2018					
MT MALTA	2018	0	0	0	0	0
NL NETHERLANDS	2018			5	0	0
PT PORTUGAL	2018	0	0	0	0	0
SK SLOVAKIA	2018	70	0	70	1574	1644
ES SPAIN	2018					
SE SWEDEN	2018	0	0	0	0	0
UK UNITED KINGDOM	2018					2749
Total year 2018		101	0	106	2195	5045
OTHER COUNTRIES						
MD MOLDOVA	2018	0	1	1	0	1
NO NORWAY	2018			6	1	7
CH SWITZERLAND	2018	0	0	0	0	0
Total year 2018		0	1	7	1	8

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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	2018				0	
BG	BULGARIA	2018	0	133	133	133	
HR	CROATIA	2018	85	455	540	540	
CZ	CZECH REPUBLIC	2018	0	1059	1059	1059	
EE	ESTONIA	2018	46		46	46	
FI	FINLAND	2018			340	340	
FR	FRANCE	2018	1582	9563	11145	11145	
DE	GERMANY	2018				11824	
HU	HUNGARY	2018	62	255	317	317	
IT	ITALY	2018			17385	17385	
LV	LATVIA	2018	0	40	40	40	
LT	LITHUANIA	2018	0	8	58	58	
LU	LUXEMBOURG	2018					
MT	MALTA	2018	6	0	6	6	
NL	NETHERLANDS	2018			4405	4405	
PT	PORTUGAL	2018	395	640	1035	1035	
SK	SLOVAKIA	2018	50	185	235	235	
ES	SPAIN	2018			7240	7240	
SE	SWEDEN	2018	1125			1125	
UK	UNITED KINGDOM	2018				6212	
Total year 2018			3351	12338	43984	0	63145
OTHER COUNTRIES							
MD	MOLDOVA	2018	16	11	27	27	
NO	NORWAY	2018			371	371	
CH	SWITZERLAND	2018			869	869	
Total year 2018			16	11	1267	0	1267

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Tissue recovered per type of Tissue

2 - SKIN

		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	2018					81
BG	BULGARIA	2018	0	125425	125425	0	125425
HR	CROATIA	2018	0	0	0	42	42
CZ	CZECH REPUBLIC	2018	0	127960	127960		127960
EE	ESTONIA	2018					
FI	FINLAND	2018	138402		138402		138402
FR	FRANCE	2018	387991	252505	640496	0	640496
DE	GERMANY	2018					26009
HU	HUNGARY	2018	0	0	0	50	50
IT	ITALY	2018			915311		915311
LV	LATVIA	2018					
LT	LITHUANIA	2018					
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	0
NL	NETHERLANDS	2018			1549474	0	1549474
PT	PORTUGAL	2018	0	0	0	0	0
SK	SLOVAKIA	2018	0	0	0	0	0
ES	SPAIN	2018					566691
SE	SWEDEN	2018	39			27	66
UK	UNITED KINGDOM	2018					512
Total year 2018			526432	505890	3497068	119	4090519
OTHER COUNTRIES							
MD	MOLDOVA	2018	3875	4403	18278	0	18278
NO	NORWAY	2018					
CH	SWITZERLAND	2018					
Total year 2018			3875	4403	18278	0	18278

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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	2018				6	
BG	BULGARIA	2018	0	0	0	0	
HR	CROATIA	2018	14	0	14	14	
CZ	CZECH REPUBLIC	2018	21	0	21	21	
EE	ESTONIA	2018	35		35	4	39
FI	FINLAND	2018	48		48	48	
FR	FRANCE	2018			956	10732	11688
DE	GERMANY	2018				198	
HU	HUNGARY	2018	5	131	136	0	136
IT	ITALY	2018				691	
LV	LATVIA	2018					
LT	LITHUANIA	2018					
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	0
NL	NETHERLANDS	2018			5	0	5
PT	PORTUGAL	2018	0	0	0	0	0
SK	SLOVAKIA	2018	0	0	0	0	0
ES	SPAIN	2018			337	0	337
SE	SWEDEN	2018	229				229
UK	UNITED KINGDOM	2018					353
Total year 2018			352	131	1552	10736	13765
OTHER COUNTRIES							
MD	MOLDOVA	2018	22	0	22	0	22
NO	NORWAY	2018			100	6	106
CH	SWITZERLAND	2018			7		7
Total year 2018			22	0	129	6	135

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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	2018				10	
BG	BULGARIA	2018	0	0	0	0	
HR	CROATIA	2018	2	2	4	4	
CZ	CZECH REPUBLIC	2018	170	12	182	182	
EE	ESTONIA	2018					
FI	FINLAND	2018	95		95	95	
FR	FRANCE	2018			678	84	
DE	GERMANY	2018				708	
HU	HUNGARY	2018	27	0	27	0	
IT	ITALY	2018				494	
LV	LATVIA	2018					
LT	LITHUANIA	2018					
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	
NL	NETHERLANDS	2018			229	0	
PT	PORTUGAL	2018	26	6	32	14	
SK	SLOVAKIA	2018	0	5	5	0	
ES	SPAIN	2018			440	1	
SE	SWEDEN	2018	245			245	
UK	UNITED KINGDOM	2018				630	
Total year 2018			565	25	1692	103	3882
OTHER COUNTRIES							
MD	MOLDOVA	2018	0	0	0	0	
NO	NORWAY	2018			9	9	
CH	SWITZERLAND	2018			11	11	
Total year 2018			0	0	20	0	20

 **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	2018				6570	
BG	BULGARIA	2018	0	3105	3105	2595	5700
HR	CROATIA	2018	0	0	0	251	251
CZ	CZECH REPUBLIC	2018	160	3829	3989	1156	5145
EE	ESTONIA	2018	18		18	87	105
FI	FINLAND	2018			480	730	1210
FR	FRANCE	2018			529	27339	27868
DE	GERMANY	2018					21688
HU	HUNGARY	2018	0	133	133	1539	1672
IT	ITALY	2018			3991	3287	7278
LV	LATVIA	2018	0	40	40	0	40
LT	LITHUANIA	2018	0	0	0	40	40
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	0
NL	NETHERLANDS	2018			1087	751	1967
PT	PORTUGAL	2018	232	0	232	23	255
SK	SLOVAKIA	2018	0	1572	1572	211	1783
ES	SPAIN	2018					21847
SE	SWEDEN	2018	177			1577	1754
UK	UNITED KINGDOM	2018					6044
Total year 2018			587	8679	15176	39586	111217
OTHER COUNTRIES							
MD	MOLDOVA	2018	42	10	52	20	72
NO	NORWAY	2018			4	300	304
CH	SWITZERLAND	2018				299	299
Total year 2018			42	10	56	619	675

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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	2018	-	-	-	57	57
BG	BULGARIA	2018	-	-	-	16	16
HR	CROATIA	2018	-	-	-	2	2
CZ	CZECH REPUBLIC	2018	-	-	-	704	704
EE	ESTONIA	2018	-	-	-	4	4
FI	FINLAND	2018	-	-	-	6	6
FR	FRANCE	2018	-	-	-	241	241
DE	GERMANY	2018	-	-	-		188
HU	HUNGARY	2018	-	-	-	0	0
IT	ITALY	2018	-	-	-	317	317
LV	LATVIA	2018	-	-	-	8	8
LT	LITHUANIA	2018	-	-	-	2	2
LU	LUXEMBOURG	2018	-	-	-		
MT	MALTA	2018	-	-	-	0	0
NL	NETHERLANDS	2018	-	-	-	1	1
PT	PORTUGAL	2018	-	-	-	17	17
SK	SLOVAKIA	2018	-	-	-	64	64
ES	SPAIN	2018	-	-	-	2459	2459
SE	SWEDEN	2018	-	-	-	379	379
UK	UNITED KINGDOM	2018	-	-	-	0	0
Total year 2018			-	-	-	4277	4465
OTHER COUNTRIES							
MD	MOLDOVA	2018	-	-	-	10	10
NO	NORWAY	2018	-	-	-		
CH	SWITZERLAND	2018	-	-	-	10	10
Total year 2018			-	-	-	20	20

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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	2018		0	0	0	
BG	BULGARIA	2018	0	0	0	0	
HR	CROATIA	2018	0	0	0	0	
CZ	CZECH REPUBLIC	2018	10	0	10	10	
EE	ESTONIA	2018	3		3	0	
FI	FINLAND	2018	0		0	0	
FR	FRANCE	2018	51	0	51	0	
DE	GERMANY	2018				0	
HU	HUNGARY	2018	0	0	0	0	
IT	ITALY	2018			59	59	
LV	LATVIA	2018					
LT	LITHUANIA	2018					
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	
NL	NETHERLANDS	2018			47	0	
PT	PORTUGAL	2018					
SK	SLOVAKIA	2018	0	0	0	0	
ES	SPAIN	2018					
SE	SWEDEN	2018	43		3	46	
UK	UNITED KINGDOM	2018					
Total year 2018			107	0	111	62	213
OTHER COUNTRIES							
MD	MOLDOVA	2018					
NO	NORWAY	2018			58	58	
CH	SWITZERLAND	2018			5	5	
Total year 2018			0	0	63	0	63

 **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

8 -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	2018		0	0	0
BG	BULGARIA	2018	0	0	0	2
HR	CROATIA	2018	0	0	0	0
CZ	CZECH REPUBLIC	2018			27	27
EE	ESTONIA	2018				
FI	FINLAND	2018			1	1
FR	FRANCE	2018				
DE	GERMANY	2018				0
HU	HUNGARY	2018	0	0	0	0
IT	ITALY	2018				
LV	LATVIA	2018				
LT	LITHUANIA	2018	0	0	0	33
LU	LUXEMBOURG	2018				
MT	MALTA	2018	0	0	0	0
NL	NETHERLANDS	2018			0	0
PT	PORTUGAL	2018				
SK	SLOVAKIA	2018	0	0	0	89
ES	SPAIN	2018				
SE	SWEDEN	2018				
UK	UNITED KINGDOM	2018			529	529
Total year 2018			0	0	0	681
OTHER COUNTRIES						
MD	MOLDOVA	2018	0	0	0	0
NO	NORWAY	2018				
CH	SWITZERLAND	2018				
Total year 2018			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 recovered per type of Tissue

9 - 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	2018			14	14
BG	BULGARIA	2018			0	0
HR	CROATIA	2018			0	0
CZ	CZECH REPUBLIC	2018			0	0
EE	ESTONIA	2018				
FI	FINLAND	2018				
FR	FRANCE	2018			0	0
DE	GERMANY	2018				0
HU	HUNGARY	2018			0	0
IT	ITALY	2018			13	13
LV	LATVIA	2018				
LT	LITHUANIA	2018				
LU	LUXEMBOURG	2018				
MT	MALTA	2018			0	0
NL	NETHERLANDS	2018			0	0
PT	PORTUGAL	2018				
SK	SLOVAKIA	2018			0	0
ES	SPAIN	2018				
SE	SWEDEN	2018				
UK	UNITED KINGDOM	2018			0	0
Total year 2018			0	0	0	27
OTHER COUNTRIES						
MD	MOLDOVA	2018				
NO	NORWAY	2018				
CH	SWITZERLAND	2018				
Total year 2018			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 recovered per type of Tissue

11 - 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	2018			332	332	
BG	BULGARIA	2018			0	0	
HR	CROATIA	2018			0	0	
CZ	CZECH REPUBLIC	2018			95	95	
EE	ESTONIA	2018					
FI	FINLAND	2018			9	9	
FR	FRANCE	2018			338	338	
DE	GERMANY	2018				0	
HU	HUNGARY	2018			0	0	
IT	ITALY	2018			664	664	
LV	LATVIA	2018					
LT	LITHUANIA	2018			50	50	
LU	LUXEMBOURG	2018					
MT	MALTA	2018			0	0	
NL	NETHERLANDS	2018			82	82	
PT	PORTUGAL	2018					
SK	SLOVAKIA	2018			162	162	
ES	SPAIN	2018					
SE	SWEDEN	2018			215	215	
UK	UNITED KINGDOM	2018			32	32	
Total year 2018			0	0	0	1979	1979
OTHER COUNTRIES							
MD	MOLDOVA	2018			4	4	
NO	NORWAY	2018			27	27	
CH	SWITZERLAND	2018					
Total year 2018			0	0	0	31	31

 **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

99 - OTHERS (tympenic 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	2018			13	13	
BG	BULGARIA	2018		31		31	
HR	CROATIA	2018	0	0	0	0	
CZ	CZECH REPUBLIC	2018	0	0	0	413	
EE	ESTONIA	2018					
FI	FINLAND	2018					
FR	FRANCE	2018					
DE	GERMANY	2018				3735	
HU	HUNGARY	2018	0	14	14	0	
IT	ITALY	2018					
LV	LATVIA	2018	0	0	0	197	
LT	LITHUANIA	2018					
LU	LUXEMBOURG	2018					
MT	MALTA	2018	0	0	0	0	
NL	NETHERLANDS	2018			0	0	
PT	PORTUGAL	2018	0	0	0	0	
SK	SLOVAKIA	2018	0	70	0	1574	
ES	SPAIN	2018					
SE	SWEDEN	2018	0	0	0	0	
UK	UNITED KINGDOM	2018				2749	
Total year 2018			0	115	45	2197	8782
OTHER COUNTRIES							
MD	MOLDOVA	2018	3	0	3	0	3
NO	NORWAY	2018			6	9	15
CH	SWITZERLAND	2018					
Total year 2018			3	0	9	9	18

 **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 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	2018	864		0	0	0			
BG	BULGARIA	2018	0	119	3	0	3	0	0	0
CZ	CZECH REPUBLIC	2018	330	590	0	0	0	98	3	101
DE	GERMANY	2018	11510	7995	47	801	848	13	51	64
EE	ESTONIA	2018	56	54	0	0	0	0	0	0
ES	SPAIN	2018	6620	4402			32			228
FI	FINLAND	2018	340	273	46	0	46	2	0	2
FR	FRANCE	2018	5897	5448	24	0	24	158	0	158
HR	CROATIA	2018	546	340	13	0	13	0	0	0
HU	HUNGARY	2018	317	255	0	0	0	0	0	0
IT	ITALY	2018		6808				410	209	619
LT	LITHUANIA	2018	50	45	0	0	0	0	0	0
LU	LUXEMBOURG	2018								
LV	LATVIA	2018	40	54	0	14	14	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	4405	1720	4	65	69	533	72	605
PT	PORTUGAL	2018	1039	969	239	0	239	0	0	0
SE	SWEDEN	2018	1374	1050				9		9
SK	SLOVAKIA	2018	236	169	14		14			
UK	UNITED KINGDOM	2018	6798	4752	2	407	409	0	0	0
Total year 2018			40422	35043	392	1287	1711	1223	335	1786
OTHER COUNTRIES										
CH	SWITZERLAND	2018	759	290	104	377	481	0	0	0
MD	MOLDOVA	2018	27	27	0	0	0	0	0	0
NO	NORWAY	2018	377	4	8	64	72			
Total year 2018			1163	321	112	441	553	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

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	2018	20		0	643			
BG	BULGARIA	2018	14	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	1303	470	0	0	873	0	873
DE	GERMANY	2018	120255	260456	32000	51000	83000	7184	950
EE	ESTONIA	2018	43	22	0	0	0	0	0
ES	SPAIN	2018	437812	366582			25387		75470
FI	FINLAND	2018	1189	1230	0	0	0	0	0
FR	FRANCE	2018	498938	360003	0	0	0	35735	0
HR	CROATIA	2018	15	21	37	0	37	0	0
HU	HUNGARY	2018	210	210	0	0	0	0	0
IT	ITALY	2018		3814					
LT	LITHUANIA	2018							
LU	LUXEMBOURG	2018				74	74	74	74
LV	LATVIA	2018	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	15495	1626	1	0	1	8625	5053
PT	PORTUGAL	2018	0	25	25	0	25	0	0
SE	SWEDEN	2018	88	177	1		1		
SK	SLOVAKIA	2018	0	60					
UK	UNITED KINGDOM	2018	467	4164	0	3496	3496	0	18912
Total year 2018			1075849	998860	32064	55213	112664	52491	24915
OTHER COUNTRIES									
CH	SWITZERLAND	2018	0	0	0	0	0	0	0
MD	MOLDOVA	2018	122	129	0	0	0	0	0
NO	NORWAY	2018							
Total year 2018			122	129	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

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	2018	3		0	0	0		
BG	BULGARIA	2018	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	16	13	0	0	0	0	0
DE	GERMANY	2018	218	74	1	0	1	0	0
EE	ESTONIA	2018	70	37	0	0	0	0	0
ES	SPAIN	2018	363	261			25		30
FI	FINLAND	2018	43	29	0	0	0	0	0
FR	FRANCE	2018	3400	3389	50	0	50	39	0
HR	CROATIA	2018	14	4	0	0	0	0	0
HU	HUNGARY	2018	136	107	0	0	0	0	0
IT	ITALY	2018		393					
LT	LITHUANIA	2018	0	0	0	0	0	0	0
LU	LUXEMBOURG	2018		11	11		11		
LV	LATVIA	2018	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	16	42	3	0	3	20	0
PT	PORTUGAL	2018	0	0	0	0	0	0	0
SE	SWEDEN	2018	229	12					
SK	SLOVAKIA	2018	0	0					
UK	UNITED KINGDOM	2018	414	96	2	15	17	0	7
Total year 2018			4922	4468	67	15	107	59	7
OTHER COUNTRIES									
CH	SWITZERLAND	2018	0	0	55	0	55	7	0
MD	MOLDOVA	2018	0	0	0	0	0	0	0
NO	NORWAY	2018			17		17		
Total year 2018			0	0	72	0	72	7	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	2018	35		0	0	0			
BG	BULGARIA	2018	0	0	0	0	0	0	0	
CZ	CZECH REPUBLIC	2018	182	136	0	0	0	0	0	
DE	GERMANY	2018	386	152	1	0	1	35	2	
EE	ESTONIA	2018	0	0	0	0	0	0	0	
ES	SPAIN	2018	441	197			1			
FI	FINLAND	2018	95	111	0	0	0	0	0	
FR	FRANCE	2018	174	230	57	0	57	67	0	
HR	CROATIA	2018	8	8	0	0	0	0	0	
HU	HUNGARY	2018	27	21	0	0	0	0	0	
IT	ITALY	2018		208	1		1			
LT	LITHUANIA	2018	0	0	0	0	0	0	0	
LU	LUXEMBOURG	2018								
LV	LATVIA	2018	0	0	0	0	0	0	0	
MT	MALTA	2018	0	0	0	0	0	0	0	
NL	NETHERLANDS	2018	434	89	25	0	25	25	0	
PT	PORTUGAL	2018	46	5	0	0	0	0	0	
SE	SWEDEN	2018	327	75	1		1	70		
SK	SLOVAKIA	2018	5	2						
UK	UNITED KINGDOM	2018	704	529	0	129	129	0	100	
Total year 2018			2864	1763	85	129	215	197	102	410
OTHER COUNTRIES										
CH	SWITZERLAND	2018	0	0	26	0	26	6	0	
MD	MOLDOVA	2018	0	0	0	0	0	0	0	
NO	NORWAY	2018	9		17		17	9		
Total year 2018			9	0	43	0	43	15	0	15

 **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	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	2018	35483		3743	6205	9948			
BG BULGARIA	2018	203	250	0	0	0	0	0	0
CZ CZECH REPUBLIC	2018	3439	1958	96	0	96	1479	789	2268
DE GERMANY	2018	55541	71235	4592	7	4599	7551	9789	17340
EE ESTONIA	2018	471	274	0	0	51	0	0	51
ES SPAIN	2018	19855	24877			140			291
FI FINLAND	2018	1210		0	0	0	0	0	0
FR FRANCE	2018	24002	66461	774	0	774	8190	0	8190
HR CROATIA	2018	251	184	7	0	7	0	0	0
HU HUNGARY	2018	6920	6769	0	0	0	0	0	0
IT ITALY	2018		116558				38		38
LT LITHUANIA	2018	90	30	0	0	0	0	0	0
LU LUXEMBOURG	2018		553	1300	3612	4912	4359		
LV LATVIA	2018	95	43	0	0	0	0	0	0
MT MALTA	2018	0	0	0	0	0	0	0	0
NL NETHERLANDS	2018			0	0	0	0	0	0
PT PORTUGAL	2018	446	446	31	0	31	0	0	0
SE SWEDEN	2018			166		166			
SK SLOVAKIA	2018	2138	582	2		2	1353		1353
UK UNITED KINGDOM	2018	3108	27599	7355	23547	30902	10075	33677	43752
Total year 2018		153252	317819	18066	33371	51628	33045	44255	73283
OTHER COUNTRIES									
CH SWITZERLAND	2018	93		2	41	43	0	0	0
MD MOLDOVA	2018	355	475	0	0	0	0	0	0
NO NORWAY	2018	99	146	149	6	155		6	6
Total year 2018		547	621	151	47	198	0	6	6

 **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	2018								
BG	BULGARIA	2018	65	83	0	0	0	0	0	
CZ	CZECH REPUBLIC	2018	2142	1158	5	0	5	1270	780	2050
DE	GERMANY	2018	18294	22380	2	1	3	153	238	391
EE	ESTONIA	2018								
ES	SPAIN	2018								
FI	FINLAND	2018			0	0	0	0	0	
FR	FRANCE	2018	121	240	41	0	41	0	0	0
HR	CROATIA	2018	173	129	3	0	3	0	0	0
HU	HUNGARY	2018	1097	952	0	0	0	0	0	0
IT	ITALY	2018		201						
LT	LITHUANIA	2018			0	0	0	0	0	0
LU	LUXEMBOURG	2018		142	535	66	601	459		459
LV	LATVIA	2018	95	43	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	3736	2190	4	0	4	179	0	179
PT	PORTUGAL	2018	330	346	15	0	15	0	0	0
SE	SWEDEN	2018	1746	920						
SK	SLOVAKIA	2018	1239	216				816		816
UK	UNITED KINGDOM	2018	2135	7872	0	1034	1034	646	33082	33728
Total year 2018			31173	36872	605	1101	1706	3523	34100	37623
OTHER COUNTRIES										
CH	SWITZERLAND	2018	93		2	24	26	0	0	0
MD	MOLDOVA	2018	227	190	0	0	0	0	0	0
NO	NORWAY	2018	166	156	44		44			
Total year 2018			486	346	46	24	70	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

5.2 - 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	2018	0		168	570	738		
BG	BULGARIA	2018	16	22	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	751	596	0	0	0	180	8
DE	GERMANY	2018	8186	6444	0	0	0	1842	892
EE	ESTONIA	2018							
ES	SPAIN	2018							
FI	FINLAND	2018			0	0	0	0	0
FR	FRANCE	2018	92	192	227	0	227	0	0
HR	CROATIA	2018	0	0	2	0	2	0	0
HU	HUNGARY	2018	25	19	0	0	0	0	0
IT	ITALY	2018		2181					
LT	LITHUANIA	2018			0	0	0	0	0
LU	LUXEMBOURG	2018							
LV	LATVIA	2018	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	925	564	2	0	2	55	0
PT	PORTUGAL	2018	116	100	16	0	16	0	0
SE	SWEDEN	2018	232	120	166		166		
SK	SLOVAKIA	2018	315	51	2		2	212	212
UK	UNITED KINGDOM	2018	602	1705	4	1394	1398	61	60
Total year 2018			11260	11994	587	1964	2551	2350	960
OTHER COUNTRIES									
CH	SWITZERLAND	2018	0		0	0	0	0	0
MD	MOLDOVA	2018	18	7	0	0	0	0	0
NO	NORWAY	2018			26	29	55		
Total year 2018			18	7	26	29	55	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	2018	123		0	0	0			
BG BULGARIA	2018	8	0	0	0	0	0	0	0
CZ CZECH REPUBLIC	2018	61	0	17	0	17	0	0	0
DE GERMANY	2018	3690	3420	0	6	6	0	0	0
EE ESTONIA	2018								
ES SPAIN	2018								
FI FINLAND	2018			0	0	0	0	0	0
FR FRANCE	2018	0	0	0	0	0	0	0	0
HR CROATIA	2018	0	0	0	0	0	0	0	0
HU HUNGARY	2018	5	5	0	0	0	0	0	0
IT ITALY	2018		111						
LT LITHUANIA	2018			0	0	0	0	0	0
LU LUXEMBOURG	2018								
LV LATVIA	2018	0	0	0	0	0	0	0	0
MT MALTA	2018	0	0	0	0	0	0	0	0
NL NETHERLANDS	2018	1	123	3	0	3	0	0	0
PT PORTUGAL	2018	0	0	0	0	0	0	0	0
SE SWEDEN	2018								
SK SLOVAKIA	2018	318	0				269		269
UK UNITED KINGDOM	2018	226	300	245	388	633	0	523	523
Total year 2018		4432	3959	265	394	659	269	523	792
OTHER COUNTRIES									
CH SWITZERLAND	2018	0		0	3	3	0	0	0
MD MOLDOVA	2018	0	0	0	0	0	0	0	0
NO NORWAY	2018	16	14		6	6		6	6
Total year 2018		16	14	0	9	9	0	6	6

 **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 - 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	2018								
BG BULGARIA	2018	114	145	0	0	0	0	0	0
CZ CZECH REPUBLIC	2018	389	184	0	0	0	0	0	0
DE GERMANY	2018	25371	38991	4590	0	4590	5556	8659	14215
EE ESTONIA	2018								
ES SPAIN	2018								
FI FINLAND	2018			0	0	0	0	0	0
FR FRANCE	2018	65501	65999	498	0	498	8190	0	8190
HR CROATIA	2018	78	54	0	0	0	0	0	0
HU HUNGARY	2018	5793	5793	0	0	0	0	0	0
IT ITALY	2018		113712						
LT LITHUANIA	2018			0	0	0	0	0	0
LU LUXEMBOURG	2018		402	765	3502	4267	3865		3865
LV LATVIA	2018	0	0	0	0	0	0	0	0
MT MALTA	2018	0	0	0	0	0	0	0	0
NL NETHERLANDS	2018	1690	7402	609	54	663	19758	17451	37209
PT PORTUGAL	2018	0	0	0	0	0	0	0	0
SE SWEDEN	2018	0							
SK SLOVAKIA	2018	197	315						
UK UNITED KINGDOM	2018	112	16240	7105	20587	27692	9355	12	9367
Total year 2018		99245	249237	13567	24143	37710	46724	26122	72846
OTHER COUNTRIES									
CH SWITZERLAND	2018	0	0	0	0	0	0	0	0
MD MOLDOVA	2018	101	278	0	0	0	0	0	0
NO NORWAY	2018								
Total year 2018		101	278	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 - Other musculoskeletal (meniscus, ear ossicles...) (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	2018	0		14	17	31			
BG BULGARIA	2018	0	0	0	0	0	0	0	0
CZ CZECH REPUBLIC	2018	96	20	0	0	0	24	1	25
DE GERMANY	2018	0	0	0	0	0	0	0	0
EE ESTONIA	2018								
ES SPAIN	2018								
FI FINLAND	2018			0	0	0	0	0	0
FR FRANCE	2018	0	30	8	0	8	0	0	0
HR CROATIA	2018	0	1	2	0	2	0	0	0
HU HUNGARY	2018	0	0	0	0	0	0	0	0
IT ITALY	2018		353						
LT LITHUANIA	2018			0	0	0	0	0	0
LU LUXEMBOURG	2018		9		44	44	35		35
LV LATVIA	2018	0	0	0	0	0	0	0	0
MT MALTA	2018	0	0	0	0	0	0	0	0
NL NETHERLANDS	2018	20	12	1	0	1	6	0	6
PT PORTUGAL	2018	0	0	0	0	0	0	0	0
SE SWEDEN	2018	51	14						
SK SLOVAKIA	2018	69	0				56		56
UK UNITED KINGDOM	2018	33	1482	1	144	145	13	0	13
Total year 2018		269	1921	26	205	231	134	1	135
OTHER COUNTRIES									
CH SWITZERLAND	2018	0		0	14	14	0	0	0
MD MOLDOVA	2018	9	0	0	0	0	0	0	0
NO NORWAY	2018				5	5			
Total year 2018		9	0	0	19	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

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	2018	436		17	0	17			
BG	BULGARIA	2018	45	39	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	8378	780	0	0	0	546	55	601
DE	GERMANY	2018	6845	4052	9	0	9	45	69	114
EE	ESTONIA	2018	157	65	0	0	0	0	0	0
ES	SPAIN	2018	2666	1911			0			361
FI	FINLAND	2018	251	216	138	0	138	14	0	14
FR	FRANCE	2018	2834	3182	0	0	0	172	0	172
HR	CROATIA	2018	106	133	0	0	0	0	0	0
HU	HUNGARY	2018	155	126	0	0	0	0	0	0
IT	ITALY	2018		4383						
LT	LITHUANIA	2018	2	2	0	0	0	0	0	0
LU	LUXEMBOURG	2018								
LV	LATVIA	2018	0	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	1	200	0	0	0	691	11	702
PT	PORTUGAL	2018	261	228	0	0	0	0	0	0
SE	SWEDEN	2018	424	312						
SK	SLOVAKIA	2018	304	377						
UK	UNITED KINGDOM	2018	98	2096	14	252	266	428	344	772
Total year 2018			22963	18102	178	252	430	1896	479	2736
OTHER COUNTRIES										
CH	SWITZERLAND	2018	129	22	21	6	27	0	0	0
MD	MOLDOVA	2018	102	74	0	0	0	0	0	0
NO	NORWAY	2018	67	8		26	26			
Total year 2018			298	104	21	32	53	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	2018	0		0	0	0		
BG	BULGARIA	2018	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	10	10	0	0	0	0	0
DE	GERMANY	2018	0	0	0	0	0	0	0
EE	ESTONIA	2018	0	0	0	0	0	0	0
ES	SPAIN	2018							
FI	FINLAND	2018	0	0	0	0	0	0	0
FR	FRANCE	2018							
HR	CROATIA	2018	0	0	0	0	0	0	0
HU	HUNGARY	2018	0	0	0	0	0	0	0
IT	ITALY	2018	59	14					
LT	LITHUANIA	2018	0	0	0	0	0	0	0
LU	LUXEMBOURG	2018							
LV	LATVIA	2018	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	47	13	0	0	0	0	0
PT	PORTUGAL	2018							
SE	SWEDEN	2018	46	21			2		2
SK	SLOVAKIA	2018	0	0					
UK	UNITED KINGDOM	2018	122	43	0	0	0	0	0
Total year 2018			284	101	0	0	0	2	0
OTHER COUNTRIES									
CH	SWITZERLAND	2018	39		29	0	29	23	0
MD	MOLDOVA	2018	0	0	0	0	0	0	0
NO	NORWAY	2018	40	24			16		16
Total year 2018			79	24	29	0	29	39	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 - ADIPOSE 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	2018	0		0	0	0		
BG	BULGARIA	2018	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	21	21	0	0	0	0	0
DE	GERMANY	2018	0	0	0	0	0	0	0
EE	ESTONIA	2018	0	0	0	0	0	0	0
ES	SPAIN	2018							
FI	FINLAND	2018	1		0	0	0	0	0
FR	FRANCE	2018							
HR	CROATIA	2018	0	0	0	0	0	0	0
HU	HUNGARY	2018	0	0	0	0	0	0	0
IT	ITALY	2018							
LT	LITHUANIA	2018	33	32	0	0	0	0	0
LU	LUXEMBOURG	2018							
LV	LATVIA	2018	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	0	0	0	0	0	0	0
PT	PORTUGAL	2018							
SE	SWEDEN	2018	0						
SK	SLOVAKIA	2018	87	84					
UK	UNITED KINGDOM	2018	63	221	2	0	2	0	2
Total year 2018			205	358	2	0	2	0	2
OTHER COUNTRIES									
CH	SWITZERLAND	2018	0	0	0	0	0	0	0
MD	MOLDOVA	2018	0	0	0	0	0	0	0
NO	NORWAY	2018							
Total year 2018			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 - 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	2018	14		0	0	0		
BG	BULGARIA	2018	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2018	0	0	0	0	0	0	0
DE	GERMANY	2018	0	0	0	0	0	0	0
EE	ESTONIA	2018	0	0	0	0	0	0	0
ES	SPAIN	2018							
FI	FINLAND	2018	0	0	0	0	0	0	0
FR	FRANCE	2018	0	0	0	0	0	0	0
HR	CROATIA	2018	0	0	0	0	0	0	0
HU	HUNGARY	2018	0	0	0	0	0	0	0
IT	ITALY	2018	13	0					
LT	LITHUANIA	2018	0	0	0	0	0	0	0
LU	LUXEMBOURG	2018							
LV	LATVIA	2018	0	0	0	0	0	0	0
MT	MALTA	2018	0	0	0	0	0	0	0
NL	NETHERLANDS	2018	0	0	0	0	0	0	0
PT	PORTUGAL	2018							
SE	SWEDEN	2018	0						
SK	SLOVAKIA	2018	0	0					
UK	UNITED KINGDOM	2018							
Total year 2018			27	0	0	0	0	0	0
OTHER COUNTRIES									
CH	SWITZERLAND	2018	0	0	0	0	0	0	0
MD	MOLDOVA	2018	0	0	0	0	0	0	0
NO	NORWAY	2018							
Total year 2018			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	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	2018	0		0	4	4			
BG BULGARIA	2018	0	0	0	0	0	0	0	0
CZ CZECH REPUBLIC	2018	324	142	128	0	128	0	0	0
DE GERMANY	2018	4613	2230	3	8	11	4	0	4
EE ESTONIA	2018	0	0	0	0	0	0	0	0
ES SPAIN	2018								
FI FINLAND	2018	0	0	22	0	22	0	0	0
FR FRANCE	2018								
HR CROATIA	2018	0	5	0	0	0	0	0	0
HU HUNGARY	2018	14	9	0	0	0	0	0	0
IT ITALY	2018								
LT LITHUANIA	2018	0	0	0	0	0	0	0	0
LU LUXEMBOURG	2018								
LV LATVIA	2018	8	0	0	0	0	0	0	0
MT MALTA	2018	0	0	0	0	0	0	0	0
NL NETHERLANDS	2018	80	1236	12	0	12	0	0	0
PT PORTUGAL	2018	0	0	0	0	0	0	0	0
SE SWEDEN	2018	0							
SK SLOVAKIA	2018	1545	209	678		678	116		116
UK UNITED KINGDOM	2018	13428	15698	8106	5158	13264	139	34600	34739
Total year 2018		20012	19529	8949	5170	14119	259	34600	34859
OTHER COUNTRIES									
CH SWITZERLAND	2018	0	0	0	0	0	0	0	0
MD MOLDOVA	2018	0	0	0	0	0	0	0	0
NO NORWAY	2018								
Total year 2018		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	2018			
BG BULGARIA	2018	119	111	119
HR CROATIA	2018	353	338	353
CY CYPRUS	2018	44	44	44
CZ CZECH REPUBLIC	2018	724	724	724
EE ESTONIA	2018		58	
FI FINLAND	2018			27
FR FRANCE	2018		4437	4812
DE GERMANY	2018			
HU HUNGARY	2018	262	249	262
IT ITALY	2018	5945		
LV LATVIA	2018			
LT LITHUANIA	2018	45	45	43
LU LUXEMBOURG	2018			
MT MALTA	2018	0	0	0
NL NETHERLANDS	2018	1410	1396	1410
PT PORTUGAL	2018	944	924	944
SK SLOVAKIA	2018	181	181	181
ES SPAIN	2018		4454	4469
SE SWEDEN	2018	1006	978	1059
UK UNITED KINGDOM	2018			5682
Total year 2018		11033	13939	20129
OTHER COUNTRIES				
MD MOLDOVA	2018	27	24	27
NO NORWAY	2018	321	306	317
CH SWITZERLAND	2018	909	872	909
Total year 2018		1257	1202	1253

 **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	2018		
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	14	5
CZ	CZECH REPUBLIC	2018	1343	432
EE	ESTONIA	2018		4
FI	FINLAND	2018		17
FR	FRANCE	2018		205
DE	GERMANY	2018		
HU	HUNGARY	2018	210	210
IT	ITALY	2018	1717	
LV	LATVIA	2018	0	0
LT	LITHUANIA	2018		
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	160095	87
PT	PORTUGAL	2018	10	8
SK	SLOVAKIA	2018	43	30
ES	SPAIN	2018		43
SE	SWEDEN	2018	63	28
UK	UNITED KINGDOM	2018		
Total year 2018			163495	1069
OTHER COUNTRIES				
MD	MOLDOVA	2018	20	20
NO	NORWAY	2018	29	17
CH	SWITZERLAND	2018	0	0
Total year 2018			49	37
				775128

 **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	2018	0	
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	3	5
CZ	CZECH REPUBLIC	2018	12	13
EE	ESTONIA	2018		35
FI	FINLAND	2018		29
FR	FRANCE	2018		1994
DE	GERMANY	2018		3389
HU	HUNGARY	2018	137	137
IT	ITALY	2018	226	
LV	LATVIA	2018	0	0
LT	LITHUANIA	2018	0	0
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	43	42
PT	PORTUGAL	2018	0	0
SK	SLOVAKIA	2018	0	0
ES	SPAIN	2018		131
SE	SWEDEN	2018	10	10
UK	UNITED KINGDOM	2018		174
Total year 2018			431	2364
OTHER COUNTRIES				
MD	MOLDOVA	2018	0	0
NO	NORWAY	2018	84	84
CH	SWITZERLAND	2018	55	55
Total year 2018			139	139

 **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	2018		
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	8	7
CZ	CZECH REPUBLIC	2018	127	127
EE	ESTONIA	2018		0
FI	FINLAND	2018		111
FR	FRANCE	2018		230
DE	GERMANY	2018		
HU	HUNGARY	2018	21	21
IT	ITALY	2018	142	
LV	LATVIA	2018	0	0
LT	LITHUANIA	2018	0	0
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	114	114
PT	PORTUGAL	2018	5	5
SK	SLOVAKIA	2018	2	2
ES	SPAIN	2018		61
SE	SWEDEN	2018	198	207
UK	UNITED KINGDOM	2018		788
Total year 2018			617	764
OTHER COUNTRIES				
MD	MOLDOVA	2018	0	0
NO	NORWAY	2018	17	17
CH	SWITZERLAND	2018	25	25
Total year 2018			42	42

 **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	2018			
BG	BULGARIA	2018	152	146	176
HR	CROATIA	2018	147	142	181
CZ	CZECH REPUBLIC	2018	3409	3391	3437
EE	ESTONIA	2018		186	
FI	FINLAND	2018			
FR	FRANCE	2018		47772	66461
DE	GERMANY	2018			
HU	HUNGARY	2018	159	158	161
IT	ITALY	2018	7583		
LV	LATVIA	2018			
LT	LITHUANIA	2018	30	30	32
LU	LUXEMBOURG	2018			
MT	MALTA	2018	0	0	0
NL	NETHERLANDS	2018	5613	5288	5613
PT	PORTUGAL	2018	365	270	400
SK	SLOVAKIA	2018	343	319	517
ES	SPAIN	2018		19142	24761
SE	SWEDEN	2018	1002	1021	1017
UK	UNITED KINGDOM	2018			28890
Total year 2018			18803	77865	131646
OTHER COUNTRIES					
MD	MOLDOVA	2018	129	129	419
NO	NORWAY	2018	344	317	354
CH	SWITZERLAND	2018	237	237	245
Total year 2018			710	683	1018

 **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	2018	258	
BG	BULGARIA	2018	307	310
HR	CROATIA	2018	134	134
CZ	CZECH REPUBLIC	2018	1420	1420
EE	ESTONIA	2018	45	
FI	FINLAND	2018		
FR	FRANCE	2018	2744	3182
DE	GERMANY	2018		
HU	HUNGARY	2018	75	119
IT	ITALY	2018	855	
LV	LATVIA	2018	0	0
LT	LITHUANIA	2018	33	2
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	118	118
PT	PORTUGAL	2018	210	230
SK	SLOVAKIA	2018	309	378
ES	SPAIN	2018	1758	1813
SE	SWEDEN	2018	304	317
UK	UNITED KINGDOM	2018		2224
Total year 2018			3765	6296
OTHER COUNTRIES				
MD	MOLDOVA	2018	68	74
NO	NORWAY	2018	74	76
CH	SWITZERLAND	2018	115	134
Total year 2018			257	284

 **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	2018		
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	0	0
CZ	CZECH REPUBLIC	2018	10	10
EE	ESTONIA	2018		0
FI	FINLAND	2018	0	0
FR	FRANCE	2018	29	12
DE	GERMANY	2018		
HU	HUNGARY	2018	0	0
IT	ITALY	2018	11	
LV	LATVIA	2018	0	0
LT	LITHUANIA	2018	0	0
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	12	9
PT	PORTUGAL	2018		
SK	SLOVAKIA	2018	0	0
ES	SPAIN	2018		
SE	SWEDEN	2018	23	3
UK	UNITED KINGDOM	2018		34
Total year 2018			85	34
OTHER COUNTRIES				
MD	MOLDOVA	2018	0	0
NO	NORWAY	2018	12	12
CH	SWITZERLAND	2018	6	6
Total year 2018			18	18

 **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 - ADIPOSE TISSUE

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT	AUSTRIA	2018		
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	0	0
CZ	CZECH REPUBLIC	2018	18	18
EE	ESTONIA	2018		0
FI	FINLAND	2018		
FR	FRANCE	2018		
DE	GERMANY	2018		
HU	HUNGARY	2018	0	0
IT	ITALY	2018		
LV	LATVIA	2018		
LT	LITHUANIA	2018	133	19
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	0	0
PT	PORTUGAL	2018		
SK	SLOVAKIA	2018	84	84
ES	SPAIN	2018		
SE	SWEDEN	2018	0	
UK	UNITED KINGDOM	2018		294
Total year 2018			235	121
OTHER COUNTRIES				
MD	MOLDOVA	2018	0	0
NO	NORWAY	2018		
CH	SWITZERLAND	2018	0	0
Total year 2018			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 - PARATHYROID

	Year	N° of Transplants procedures	N° of Recipients	N° of Tissue transplanted (units)
MEMBER STATES OF EU				
AT	AUSTRIA	2018		
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	0	0
CZ	CZECH REPUBLIC	2018	0	0
EE	ESTONIA	2018		0
FI	FINLAND	2018	0	0
FR	FRANCE	2018		0
DE	GERMANY	2018		
HU	HUNGARY	2018	0	0
IT	ITALY	2018	0	
LV	LATVIA	2018	0	0
LT	LITHUANIA	2018	0	0
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	0	0
PT	PORTUGAL	2018		
SK	SLOVAKIA	2018	0	0
ES	SPAIN	2018		
SE	SWEDEN	2018	0	
UK	UNITED KINGDOM	2018		
Total year 2018			0	0
OTHER COUNTRIES				
MD	MOLDOVA	2018	0	0
NO	NORWAY	2018		
CH	SWITZERLAND	2018	0	0
Total year 2018			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	2018		
BG	BULGARIA	2018	0	0
HR	CROATIA	2018	3	2
CZ	CZECH REPUBLIC	2018	18	18
EE	ESTONIA	2018		0
FI	FINLAND	2018		
FR	FRANCE	2018		
DE	GERMANY	2018		
HU	HUNGARY	2018	26	26
IT	ITALY	2018		
LV	LATVIA	2018		
LT	LITHUANIA	2018	0	0
LU	LUXEMBOURG	2018		
MT	MALTA	2018	0	0
NL	NETHERLANDS	2018	41	41
PT	PORTUGAL	2018	0	0
SK	SLOVAKIA	2018	200	148
ES	SPAIN	2018		
SE	SWEDEN	2018	0	
UK	UNITED KINGDOM	2018		1124
Total year 2018			288	235
OTHER COUNTRIES				
MD	MOLDOVA	2018	0	0
NO	NORWAY	2018	29	27
CH	SWITZERLAND	2018	0	0
Total year 2018			29	27

 **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

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Appendix I

List of countries and Competent Authorities providing data for 2018

✓ **Austria**

Österreichische Agentur für Gesundheit und Ernährungssicherheit (AGES) – (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**

Υπουργείο Υγείας της Κυπριακής Δημοκρατίας (ΜΟΗ) (Ministry of Health of Republic of 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**

Emberi Erőforrások Minisztériuma (EMMI) - Ministry of Human Capacities

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)

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✓ **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)
-

Romania

✓ **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**

Bundesamt für Gesundheit - Sektion Transplantation und Fortpflanzungsmedizin/ Office fédéral de la santé publique - Section Transplantation et Procréation Médicalement assistée (FOPH) Swiss Federal Office of Public Health

Turkey

✓ **United Kingdom**

Human Tissue Authority (HTA)

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.

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

European Network of Competent Authorities for Tissues and Cells

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.