

EUROCET

*European Network of Competent
Authorities for Tissues and Cells*

Report 2025

International data on
donation-processing-distribution-transplantation
process of **H**aematopoietic **P**rogenitor **C**ells of human origin

Year 2024

European Network of Competent Authorities for Tissues and Cells

Report 2025

This document has been produced and published by **EUROCET** with the data collected by Competent Authorities for Haematopoietic Progenitor Cells from European Member States (and other Extra EU countries).

The following report shows calculations regarding the whole donation-processing-distribution-transplantation process of Haematopoietic Progenitor Cells of human origin **for the year 2024**.

This year **25 countries** joined the data collection: - **21** EU Member States and **4** Extra EU countries (Moldova, Norway, Switzerland and United Kingdom). (*Appendix I*)

United Kingdom provided data only for Northern Ireland.

This report is divided into four main sections based on the competence of the data presented. In each area, data are shown in tables concerning different aspects of the related activity:

- Donor Registries¹

The data is divided into three areas:

- **POTENTIAL DONATION:** In the first table, the stream of potential HPC donors and HPC cord blood units in the year of reference has been reported. This data is represented by the number available at the beginning of the year, the entries/exits during the year and the number available at the end of the year, in the registries.
- **SEARCHING IN THE NATIONAL REGISTRIES:** This area's data is shown in four different sub-sections: one reports the number of searches requested by origin of the request (from the own country, from a EU country, from an EXTRA EU country), while the following rows report the number of the searches performed both in the national registries (searches from the own country, from a EU country, from an EXTRA EU country) and the foreign registries for one's own country. The last sub-section collects the numbers of unrelated donation from one's own country, from an EU country, from an EXTRA EU country and by the origin of the request.
- **DISTRIBUTION AND EXCHANGE:** One table is completed with the data relative to the number of unrelated bone marrow, peripheral blood and cord blood distributed nationally received from and distributed to EU and EXTRA EU countries.

- Donation Center:

This section collects data on the number of autologous and allogenic (related and unrelated) donation from bone marrow, peripheral blood and cord blood.

- Cord Blood Banks²

This section includes data on CORD BLOOD BANKING and is made up by two tables, respectively:

¹ See Glossary, Appendix II

² See Glossary, Appendix II

European Network of Competent Authorities for Tissues and Cells

- UNRELATED CORD BLOOD collected, cryopreserved and distributed per ORIGIN: it reports the data on unrelated cord blood banking only, by number of units per origin (from own country, from EU country, from Extra EU country).
- RELATED CORD BLOOD collected, cryopreserved and distributed per ORIGIN: it reports the data on related cord blood banking only, by number of units per origin (from own country, from EU country, from Extra EU country).

- Transplant Centers

This section includes a table on transplantation with data on the total number of transplants and one on other procedures associated with transplantation

- TRANSPLANTATION and RECIPIENTS per HPC's ORIGIN: it shows the number of first transplants and the number of recipients, by type of HPC (autologous, allogenic: related and unrelated), and also by HPC's origin (Bone Marrow, Peripheral Blood and Cord Blood).
- OTHER PROCEDURES associated with transplantation: it shows the number of procedures and recipients (autologous, related and unrelated per type of procedure (DLI, Other).

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, 5th Edition, 2022” by the Council of Europe.

Eurocet team

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Eurocet Registry

Section 1: Donor Registries

Potential donation

Year	Registered at 01/01 00:00		Enter in the year		Exit in the year		Registered at 31/12 24:00			
	HPC potential donor	HPC Cord blood units	HPC potential donor	HPC Cord blood units	HPC potential donor	HPC Cord blood units	HPC potential donor	HPC Cord blood units		
MEMBER STATES OF EU										
BG	BULGARIA	2024				128				
HR	CROATIA	2024	62197	3729	2340	0	818	0	63719	3729
CY	CYPRUS	2024	192958	3254	10308	0	5483	9	197783	3245
CZ	CZECH REPUBLIC	2024	158534	8204	12774	731	1694	387	169614	8548
DK	DENMARK	2024								
EE	ESTONIA	2024		0		0		0		0
FI	FINLAND	2024	72976	3127	3902	0	802	14	76076	3113
DE	GERMANY	2024								
HU	HUNGARY	2024	7107	0	52	0	174	0	6985	0
IT	ITALY	2024	496754	38401	32174	261	16734	9	512194	38653
LV	LATVIA	2024								
LT	LITHUANIA	2024	14052	0	277	0	183	0	14146	0
LU	LUXEMBOURG	2024								
NL	NETHERLANDS	2024	412620	4709	19031	23	7134	12	424517	4720
PT	PORTUGAL	2024	383904	157600	6428	4609	11771		378561	161737
RO	ROMANIA	2024	7004							
SK	SLOVAKIA	2024	23838	2525	3108	1671	1212	1802	25734	2394
ES	SPAIN	2024	484175	62097	30010	189	8680	1072	505505	61214
SE	SWEDEN	2024							255992	4496
OTHER COUNTRIES										
MD	MOLDOVA	2024	0	0	0	0	0	0	0	0
NO	NORWAY	2024	38210		1930		1384		38756	
CH	SWITZERLAND	2024	183091	5501	10665	120	2956	25	190800	5596
UK	UNITED KINGDOM	2024								

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

Eurocet Registry

Section 1: Donor Registries

Searching in the National Registries

1 - SEARCHES REQUESTED (number)

	Year	ORIGIN of REQUEST			TOTAL searching requested	
		COUNTRY	EU	Extra EU		
MEMBER STATES OF EU						
BG	BULGARIA	2024				
HR	CROATIA	2024	376	125	139	640
CY	CYPRUS	2024	83	31340	162	31585
CZ	CZECH REPUBLIC	2024	476	22188	40272	62936
DK	DENMARK	2024				
EE	ESTONIA	2024	0	0	0	0
FI	FINLAND	2024	241			32342
DE	GERMANY	2024				
HU	HUNGARY	2024				298
IT	ITALY	2024	2297	798	874	3969
LV	LATVIA	2024				
LT	LITHUANIA	2024				150
LU	LUXEMBOURG	2024				
NL	NETHERLANDS	2024				805
PT	PORTUGAL	2024	306	600	800	1706
RO	ROMANIA	2024				
SK	SLOVAKIA	2024	102	9422	21582	31106
ES	SPAIN	2024				1394
SE	SWEDEN	2024				
OTHER COUNTRIES						
MD	MOLDOVA	2024	0	0	0	0
NO	NORWAY	2024				204
CH	SWITZERLAND	2024	56	391	373	820
UK	UNITED KINGDOM	2024				

 **Empty fields:**

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

Eurocet Registry

Section 1: Donor Registries

Searching in the National Registries

2 - SEARCHES PERFORMED (number)

	Year	- IN THE NATIONAL REGISTRY				- IN THE FOREIGN REGISTRY
		for own COUNTRY	for other EU country	for extra EU country	Total	Total for own COUNTRY
MEMBER STATES OF EU						
BG BULGARIA	2024					
HR CROATIA	2024	112	125	139	376	264
CY CYPRUS	2024	83	31340	162	31585	83
CZ CZECH REPUBLIC	2024	194	22188	40272	62654	282
DK DENMARK	2024					
EE ESTONIA	2024	0	0	0	0	0
FI FINLAND	2024	241			32342	241
DE GERMANY	2024					
HU HUNGARY	2024		9	7	16	307
IT ITALY	2024	2297	798	874	3969	2297
LV LATVIA	2024					
LT LITHUANIA	2024	150			150	150
LU LUXEMBOURG	2024					
NL NETHERLANDS	2024	805			805	805
PT PORTUGAL	2024	306	600	800	1706	306
RO ROMANIA	2024					
SK SLOVAKIA	2024	102	9422	21582	31106	102
ES SPAIN	2024	1394			1394	1394
SE SWEDEN	2024					
OTHER COUNTRIES						
MD MOLDOVA	2024	0	0	0	0	0
NO NORWAY	2024					
CH SWITZERLAND	2024	28	201	184	413	992
UK UNITED KINGDOM	2024					

 Empty fields:

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

Eurocet Registry

Section 1: Donor Registries

HPC donation from National Registries

3 - UNRELATED DONATION (number)

Year	Total unrelated donation	Total unrelated donation for COUNTRY request	COUNTRY to country	EU to country	EXTRA EU to country	Total unrelated donation for EU request	Total unrelated donation for EXTRA EU
MEMBER STATES OF EU							
BG BULGARIA	2024						
CY CYPRUS	2024	59	5	5		38	16
CZ CZECH REPUBLIC	2024	400	316	77	213	63	21
DE GERMANY	2024						
DK DENMARK	2024						
EE ESTONIA	2024	0	0	0	0	0	0
ES SPAIN	2024	1030	751	195	382	140	139
FI FINLAND	2024	160	117	23	80	27	16
HR CROATIA	2024	67	63	12	42	4	0
HU HUNGARY	2024	93	93	0	78	0	0
IT ITALY	2024	1274	1095	232	634	95	84
LT LITHUANIA	2024	68	67	11	55	0	1
LU LUXEMBOURG	2024						
LV LATVIA	2024						
NL NETHERLANDS	2024	523		44	368	111	
PT PORTUGAL	2024	161	113	14	72	29	19
RO ROMANIA	2024						
SE SWEDEN	2024						
SK SLOVAKIA	2024	77	77	3	71	0	0
OTHER COUNTRIES							
CH SWITZERLAND	2024	286	198	2	153	57	31
MD MOLDOVA	2024	0	0	0	0	0	0
NO NORWAY	2024	168	149	6	115	10	9
UK UNITED KINGDOM	2024						

 Empty fields:

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

Eurocet Registry

Section 1: Donor Registries

HPC Distribution and Exchange

4 - EXCHANGE of UNRELATED BAGS (number)

	Year	Distributed NATIONALLY	RECEIVED			DISTRIBUTED			
			FROM EU	EXTRA EU	TOTAL	TO EU	EXTRA EU	TOTAL	
MEMBER STATES OF EU									
BG	BULGARIA	2024	0	28	1	29	0	0	0
CY	CYPRUS	2024	5	0	0	5	31	16	52
CZ	CZECH REPUBLIC	2024	29	162	26	217	37	20	57
DE	GERMANY	2024	3530	621	276	4427	2671	2950	5621
DK	DENMARK ^	2024			31	154		16	726
EE	ESTONIA	2024	235	20	4	24	0	45	45
ES	SPAIN	2024	195	382	174	556	140	139	279
FI	FINLAND	2024	21	56	9	65	25	16	41
HR	CROATIA	2024	12	42	9	51	4	0	4
HU	HUNGARY	2024	0	78	15	93	0	0	0
IT	ITALY	2024	236	637	233	870	95	89	184
LT	LITHUANIA	2024	11	71	1	73	0	1	1
LU	LUXEMBOURG	2024							
LV	LATVIA	2024	0	0	0	0	0	0	0
NL	NETHERLANDS	2024	44	368	111	479	120	124	244
PT	PORTUGAL	2024	503	47	25	1063	38	25	63
RO	ROMANIA	2024	4	1207	5	1212	1335	0	1335
SE	SWEDEN	2024	340	168	39	207	142	125	267
SK	SLOVAKIA	2024	1657	71	3	74	195	2	197
OTHER COUNTRIES									
CH	SWITZERLAND	2024	3	153	43	199	58	35	93
MD	MOLDOVA	2024	0	0	0	0	0	0	0
NO	NORWAY	2024	6	115	28	148	10	9	19
UK	UNITED KINGDOM *	2024			0	0			

^ Total is sum of distribution to both national and to other EU countries plus import/export

* Only Northern Ireland activity

 **Empty fields:**

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

Eurocet Registry

Section 1: Donor Registries

HPC Distribution and Exchange

5 - EXCHANGE of UNRELATED BAGS per SOURCE (number)

	Year	Distributed NATIONALLY			RECEIVED						DISTRIBUTED						
					INTRA EU			EXTRA EU			INTRA EU			EXTRA EU			
		BM	PB	CB	BM	PB	CB	BM	PB	CB	BM	PB	CB	BM	PB	CB	
MEMBER STATES OF EU																	
BG	BULGARIA	2024	0	0	0	0	28	0	1	0	0	0	0	0	0	0	0
CY	CYPRUS	2024	0	5	0	0	0	0	0	0	0	2	29	0	0	16	0
CZ	CZECH REPUBLIC	2024	2	27	0	4	158	0	2	24	0	4	33	0	4	16	0
DE	GERMANY	2024	80	3154	296	28	593	0	16	260	0	277	2385	9	316	2613	21
DK	DENMARK ^	2024							10	21	0				2	14	0
EE	ESTONIA	2024	0	235	0	2	18	0	0	4	0	0	0	0	0	0	45
ES	SPAIN	2024	13	168	14	37	344	1	15	156	3	11	109	20	7	98	34
FI	FINLAND	2024	0	21	0	10	46	0	2	7	0	2	23	0	1	15	0
HR	CROATIA	2024	1	11	0	2	40	0	5	4	0	0	4	0	0	0	0
HU	HUNGARY	2024	0	0	0	18	60	0	3	11	1	0	0	0	0	0	0
IT	ITALY	2024	24	208	4	59	575	3	20	209	4	12	83	0	10	74	5
LT	LITHUANIA	2024	0	11	0	3	68	0	0	1	0	0	0	0	0	1	0
LU	LUXEMBOURG	2024															
LV	LATVIA	2024			0			0			0			0			0
NL	NETHERLANDS	2024	3	38	1	30	326	11	23	70	16	14	106	3	12	112	2
PT	PORTUGAL	2024	3	550	0	4	43	0	2	23	0	5	33	0	2	23	0
RO	ROMANIA	2024	0	4	0	1	62	1144	0	5	0	2	8	1325	0	0	0
SE	SWEDEN	2024	41	299	0	45	123	0	7	32	0	44	98	0	43	82	0
SK	SLOVAKIA	2024	0	3	1654	2	69	0	0	3	0	0	2	193	0	2	0
OTHER COUNTRIES																	
CH	SWITZERLAND	2024	2	0	0	8	145	0	1	42	2	5	52	1	1	32	2
MD	MOLDOVA	2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	NORWAY	2024	0	6	0	12	103	0	1	25	2	1	9		1	8	
UK	UNITED KINGDOM *	2024							22								

Legenda

- BM** = Bone Marrow
- PB** = Peripheral Blood
- CB** = Cord Blood

^ Total is sum of distribution to both national and to other EU countries plus import/export

* Only Northern Ireland activity

! 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: Donation Centers

HPC Donation Autologous and Allogenic

1 - DONATION per TYPE (number)

	Year	Autologous	Allogenic			Total donation
			Total	Related	Unrelated	
MEMBER STATES OF EU						
BG BULGARIA	2024	3144	173	16	157	3317
CY CYPRUS	2024	40	52	1	51	92
CZ CZECH REPUBLIC	2024	1047	125	31	94	1172
DE GERMANY	2024	5866	9976	767	9209	15842
DK DENMARK ^	2024					789
EE ESTONIA	2024	118	6	6	0	124
ES SPAIN	2024	2246	1324	850	474	3570
FI FINLAND	2024	250	197	151	46	447
HR CROATIA	2024	533	249	45	204	782
HU HUNGARY	2024	388	171	79	92	559
IT ITALY	2024	3519	9822	1022	8800	13341
LT LITHUANIA	2024	253	88	76	12	341
LU LUXEMBOURG	2024					
LV LATVIA	2024		224	224		224
NL NETHERLANDS	2024	1437	424	139	285	1861
PT PORTUGAL	2024	5244	147	85	62	5
RO ROMANIA	2024	5487	70	45	25	5557
SE SWEDEN	2024	1062	327	59	268	1389
SK SLOVAKIA	2024	1928	2275	45	2230	4203
OTHER COUNTRIES						
CH SWITZERLAND	2024	369	233	140	93	602
MD MOLDOVA	2024	67	0	0	0	67
NO NORWAY	2024	259	51	21	30	311
UK UNITED KINGDOM *	2024	106	20		20	126

^ Only total number has been provided, no distinction between autologous or allogenic (related/unrelated) in data collection

* Only Northern Ireland activity

 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: Donation Centers

HPC Donation Autologous and Allogenic

2 - DONATION per SOURCE of HPC (number)

Year	Autologous			Allogenic						TOTAL Allo(\$)	TOTAL donation				
	BM	PB	CB	Related			Unrelated				BM	PB	CB		
				BM	PB	CB	BM	PB	CB						
MEMBER STATES OF EU															
BG	BULGARIA	2024	0	172	2972	0	16	0	2	27	128	173	2	215	3100
CY	CYPRUS	2024	0	38	2	0	1	0	2	50	0	52	2	89	2
CZ	CZECH REPUBLIC	2024	0	241	806	4	27	0	10	84	0	125	14	352	806
DE	GERMANY	2024	34	5742	90	108	659	0	791	8080	338	9976	933	14481	428
DK	DENMARK ^	2024											9	778	2
EE	ESTONIA	2024	0	73	45	0	6	0	0	0	0	6	0	79	45
ES	SPAIN	2024	1	2245	0	67	783	0	31	375	68	1324	99	3403	68
FI	FINLAND	2024	2	248	0	17	134	0	6	40	0	197	25	422	0
HR	CROATIA	2024	0	333	200	4	36	5	1	16	187	249	5	385	392
HU	HUNGARY	2024	0	388	0	5	74	0	20	71	1	171	25	533	1
IT	ITALY	2024	18	3496	5	184	748	90	92	519	8189	9822	294	4763	8284
LT	LITHUANIA	2024	0	253	0	0	76	0	0	12	0	88	0	341	0
LU	LUXEMBOURG	2024		46											
LV	LATVIA	2024						224				224			224
NL	NETHERLANDS	2024	7	1430	0	40	97	2	29	256	193	424	76	1783	195
PT	PORTUGAL	2024	0	635	4609	10	75		7	55		147	17	765	4609
RO	ROMANIA	2024	0	377	5110	1	44	0	0	25	0	70	1	446	5110
SE	SWEDEN	2024	1	777	284	13	46	0	26	242	0	327	40	1065	284
SK	SLOVAKIA	2024	0	239	1689	2	38	5	1	0	2229	2275	3	277	3923
OTHER COUNTRIES															
CH	SWITZERLAND	2024	0	369	0	6	129	5	6	84	3	233	12	582	8
MD	MOLDOVA	2024	37	0	30	0	0	0	0	0	0	0	0	0	0
NO	NORWAY	2024	0	259	0	9	12	0	2	28	0	51	11	299	0
UK	UNITED KINGDOM	2024	0			0			0			20	0		

^ In Denmark there is no distinction between autologous or allogenic (related/unrelated) in data collection, only total number has been provided

* Only Northern Ireland activity

Legenda	BM	= Bone Marrow
	PB	= Peripheral Blood
	CB	= Cord Blood

 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: Cord Blood Banks

HPC Cord Blood Banking (units)

	Year	Collected		Cryopreserved		Distributed		
		Related	Unrelated	Related	Unrelated	Related	Unrelated	
MEMBER STATES OF EU								
BG BULGARIA	2024	2972	128	2972	128	0	0	
CY CYPRUS	2024	2185	2	2014	2	0	0	
CZ CZECH REPUBLIC	2024	1201	0	1147	0	1	0	
DE GERMANY	2024	7	338	7	307	0	31	
DK DENMARK	2024							
EE ESTONIA	2024	45	0	0	0	0	0	
ES SPAIN	2024					0	72	
FI FINLAND	2024	0	0	0	0	0	0	
HR CROATIA	2024	5	187	5	19	0	0	
HU HUNGARY	2024	4969	1	3964	1	0	1	
IT ITALY	2024	90	8189	85	330	0	9	
LT LITHUANIA	2024							
LU LUXEMBOURG	2024							
LV LATVIA	2024	0	0	0	0	0	0	
NL NETHERLANDS	2024	2	193	2	20	0	5	
PT PORTUGAL	2024	6451		5909				
RO ROMANIA	2024							
SE SWEDEN	2024	0	0	50	5447	0	0	
SK SLOVAKIA	2024	5	2229	5	1969	0	1847	
OTHER COUNTRIES								
CH SWITZERLAND	2024		120		120	0	3	
MD MOLDOVA	2024	30	0	30	0	0	0	
NO NORWAY	2024							
UK UNITED KINGDOM	2024							

 **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: Cord Blood Banks

HPC Cord Blood Banking

1 - UNRELATED CORD BLOOD per ORIGIN (units)

	Year	Collected			Cryopreserved			Distributed		
		from own Country	from other EU	from EXTRA EU country	from own Country	from other EU	from EXTRA EU country	from own Country	from other EU	from EXTRA EU country
MEMBER STATES OF EU										
BG BULGARIA	2024	128	0	0	124	0	0	0	0	0
CY CYPRUS	2024	2	0	0	2	0	0	0	0	0
CZ CZECH REPUBLIC	2024	12	0	0	12	0	0	0	0	0
DE GERMANY	2024	338	0	0	307	0	0	1	9	21
DK DENMARK	2024									
EE ESTONIA	2024	0	0	0	0	0	0	0	0	0
ES SPAIN	2024	189			189			68	1	3
FI FINLAND	2024	0	0	0	0	0	0	0	0	0
HR CROATIA	2024	187	0	0	19	0	0	0	0	0
HU HUNGARY	2024	0	0	1	0	0	1	0	0	1
IT ITALY	2024	8189	0	0	330	0	0	9	0	0
LT LITHUANIA	2024									
LU LUXEMBOURG	2024									
LV LATVIA	2024	0	0	0	0	0	0	0	0	0
NL NETHERLANDS	2024	193			20			5		
PT PORTUGAL	2024									
RO ROMANIA	2024									
SE SWEDEN	2024	0	0	0	5447	0	0	0	0	0
SK SLOVAKIA	2024	2229	0	0	1969	0	0	1847	0	0
OTHER COUNTRIES										
CH SWITZERLAND	2024	120	0	0	120	0	0	3	0	0
MD MOLDOVA	2024	0	0	0	0	0	0	0	0	0
NO NORWAY	2024									
UK UNITED KINGDOM	2024									



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: Cord Blood Banks

HPC Cord Blood Banking

2 - RELATED CORD BLOOD per ORIGIN (units)

	Year	Collected			Cryopreserved			Distributed		
		from own Country	from other EU	from EXTRA EU country	from own Country	from other EU	from EXTRA EU country	from own Country	from other EU	from EXTRA EU country
MEMBER STATES OF EU										
BG BULGARIA	2024	2972	0	0	2972	0	0	0	0	0
CY CYPRUS	2024	796	1270	119	730	1174	110	0	0	0
CZ CZECH REPUBLIC	2024	935	266	0	903	244	0	1	0	0
DE GERMANY	2024	7	0	0	7	0	0	0	0	0
DK DENMARK	2024									
EE ESTONIA	2024	45	0	0	0	0	0	0	0	0
ES SPAIN	2024									
FI FINLAND	2024	0	0	0	0	0	0	0	0	0
HR CROATIA	2024	5	0	0	5	0	0	0	0	0
HU HUNGARY	2024	0	0	0	0	0	0	0	0	0
IT ITALY	2024	90	0	0	85	0	0	0	0	0
LT LITHUANIA	2024									
LU LUXEMBOURG	2024									
LV LATVIA	2024	224	0	0	16	0	0	0	0	0
NL NETHERLANDS	2024	2			2			0		
PT PORTUGAL	2024	4609	1842	0	4137	1772	0	0	0	0
RO ROMANIA	2024									
SE SWEDEN	2024	0	0	0	50	0	0	0	0	0
SK SLOVAKIA	2024	5	0	0	5	0	0	0	0	0
OTHER COUNTRIES										
CH SWITZERLAND	2024				1103	6768	7168	0	0	0
MD MOLDOVA	2024	30	0	0	30	0	0	0	0	0
NO NORWAY	2024									
UK UNITED KINGDOM	2024									

 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 4: Transplant Centers

HPC Transplantation

1 - Transplantation and Recipient per type (number)

	Year	AUTOLOGOUS		ALLOGENIC				Total		
		Transplants	Recipients	RELATED		UNRELATED		Transplants	Recipients	
				Transplants	Recipients	Transplants	Recipients			
MEMBER STATES OF EU										
BG	BULGARIA	2024	172	172	16	16	29	29	217	217
CY	CYPRUS	2024	31	31	0		0		31	31
CZ	CZECH REPUBLIC	2024	388	309	60	49	193	181	641	539
DE	GERMANY	2024	4232	3394	4326	3491	4423	3570	12981	10455
DK	DENMARK	2024					839	464	839	464
EE	ESTONIA	2024	69		6		24		99	0
ES	SPAIN	2024	2246		850		748		3844	0
FI	FINLAND	2024	246	243	45	45	86	84	377	372
HR	CROATIA	2024	226	171	31	30	63	60	320	261
HU	HUNGARY	2024	286	232	72	64	104	102	462	398
IT	ITALY	2024	3158	2634	971	919	1083	1039	5212	4592
LT	LITHUANIA	2024	164	119	59	49	79	76	302	244
LU	LUXEMBOURG	2024							0	0
LV	LATVIA	2024							0	0
NL	NETHERLANDS	2024	3665	953	175	148	558	518	4398	1619
PT	PORTUGAL	2024	414	394	75	72	113	107	602	573
RO	ROMANIA	2024	251	251	46	46	83	72	380	369
SE	SWEDEN	2024	534	473	83	82	259	257	876	812
SK	SLOVAKIA	2024	208	202	26	25	69	69	303	296
OTHER COUNTRIES										
CH	SWITZERLAND	2024	338	291	135	111	201	167	674	569
MD	MOLDOVA	2024	37	0	0	0	0	0	37	0
NO	NORWAY	2024	116	95			19	18	135	113
UK	UNITED KINGDOM*	2024							279	

* Only Northern Ireland activity, only number of Peripheral Blood units transplanted

 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 4: Transplant Centers

HPC Transplantation

2 - Transplantation and Recipient per source of HPC (number)

Year	AUTOLOGOUS						ALLOGENIC												
	Bone Marrow		Peripheral Blood		Cord Blood		Related						Unrelated						
	Bone Marrow		Peripheral Blood		Cord Blood		Bone Marrow		Peripheral Blood		Cord Blood		Bone Marrow		Peripheral Blood		Cord Blood		
	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	Tranplant	Recipient	
MEMBER STATES OF EU																			
BG BULGARIA	2024	0	0	172	172	0	0	0	0	16	16	0	0	2	2	27	27	0	0
CY CYPRUS	2024	0	0	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZ CZECH REPUBLIC	2024	1	1	386	307	1	1	8	8	52	41	0	0	6	6	187	175	0	0
DE GERMANY	2024	10	10	4222	3384	0	0	104	107	4222	3384	0	0	200	185	4222	3384	1	1
DK DENMARK	2024													43	38	796	426	0	0
EE ESTONIA	2024	0		69		0		0		6		0		2		22		0	
ES SPAIN	2024	1		2245		0		67		783		0		65		664		19	
FI FINLAND	2024	0	0	246	243	0	0	5	5	40	40	0	0	12	10	74	74	0	0
HR CROATIA	2024	0	0	226	171	0	0	4	4	27	26	0	0	8	8	55	52	0	0
HU HUNGARY	2024	0	0	284	230	2	2	5	5	67	59	0	0	21	21	82	80	1	1
IT ITALY	2024	18	15	3140	2619	0	0	184	169	787	750	0	0	92	85	980	944	11	10
LT LITHUANIA	2024			164	119					59	49			3	3	76	73		
LU LUXEMBOURG	2024			23															
LV LATVIA	2024																		
NL NETHERLANDS	2024	2	1	3663	952	0	0	40	40	135	108	0	0	58	57	469	435	31	26
PT PORTUGAL	2024	0	0	414	394	0	0	11	10	64	62	0	0	6	6	107	101	0	0
RO ROMANIA	2024	0	0	251	251	0	0	1	1	45	45	0	0	1	1	82	82	0	0
SE SWEDEN	2024	35	33	499	440	0	0	26	26	57	56	0	0	29	29	230	228	0	0
SK SLOVAKIA	2024	0	0	208	202	0	0	2	2	24	23	0	0	2	2	67	67	0	0
OTHER COUNTRIES																			
CH SWITZERLAND	2024	0	0	338	291	0	0	6	6	129	105	0	0	9	8	190	158	2	1
MD MOLDOVA	2024	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO NORWAY	2024			116	95											19	18		
UK UNITED KINGDOM*	2024	0	0					0								279			

* Only Northern Ireland activity. Peripheral Blood units transplanted: not specified if autologous or allogenic (related or unrelated)

 **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 4: Transplant Centers

OTHER PROCEDURE associated with HPC transplantation

1 - Donor Lymphocyte Infusion

Year	Autologous		Allogenic				Total		
	N° of procedures	N° of Recipients	Related		Unrelated		N° of procedures	N° of Recipients	
			N° of procedures	N° of Recipients	N° of procedures	N° of Recipients			
MEMBER STATES OF EU									
CY	CYPRUS	2024	0	0	0	0	0	0	0
CZ	CZECH REPUBLIC	2024	0	0	34	25	107	71	141
DK	DENMARK	2024					0	0	0
FI	FINLAND	2024	0	0	5	5	14	14	19
HR	CROATIA	2024	0	0	6	4	12	7	18
HU	HUNGARY	2024	0	0	44	19	13	13	57
IT	ITALY	2024					63	63	63
LT	LITHUANIA	2024	0	0	4	4	17	11	21
LV	LATVIA	2024							0
NL	NETHERLANDS	2024	0	0	107	63	276	205	383
PT	PORTUGAL	2024	0	0	10	7	9	6	19
SE	SWEDEN	2024	0	0	38	21	90	62	128
SK	SLOVAKIA	2024	0	0	13	5	22	10	35
OTHER COUNTRIES									
CH	SWITZERLAND	2024			28	20	53	41	81
MD	MOLDOVA	2024	0	0	0	0	0	0	0
UK	UNITED KINGDOM*	2024					16		16

* Only Northern Ireland activity.

 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 4: Transplant Centers

OTHER PROCEDURE associated with HPC transplantation

2 - Other Procedures

Year	Autologous		Allogenic				Total			
	N° of procedures	N° of Recipients	Related		Unrelated		N° of procedures	N° of Recipients		
			N° of procedures	N° of Recipients	N° of procedures	N° of Recipients				
MEMBER STATES OF EU										
CZ CZECH REPUBLIC [^]	2024	122	35	0	0	12	5	134	40	
DE GERMANY	2024							1486	677	
DK DENMARK	2024							930	86	
HR CROATIA [°]	2024	1	1	3	3	0	0	4	4	
HU HUNGARY [§]	2024	0	0	10	5	40	14	50	19	
IT ITALY	2024	0	0	0	0	0	0	0	0	
LT LITHUANIA [#]	2024	0	0	0	0	6	4	6	4	
LV LATVIA	2024	0	0	0	0	0	0	0	0	
PT PORTUGAL	2024	34	34	0	0	0	0	34	34	
SK SLOVAKIA [*]	2024	57	50	23	4	821	725	901	779	
OTHER COUNTRIES										
MD MOLDOVA	2024	0	0	0	0	0	0	0	0	

[^] ECP, MSC, CAR T-lymph studies CARTITUDES

[°] Auto rescue + CD34 booster

[§] Virus specific T-cells and MSC

[#] CD34 positive selected boost +CMV-CTL + MKL

^{*} Donor SCs infusion from cord blood - regenerative medicine + Donor MSCs infusion from cord blood - regenerative medicine + ECP + CAR-T + PBSC + bone marrow processing + MSC + adenovirus specific T cells

European Network of Competent Authorities for Tissues and Cells

Appendix I

List of countries and Competent Authorities providing data for **2024**

✓ **Austria**

BASG - Bundesamt für Sicherheit im Gesundheitswesen - Federal Office for Safety in Health Care
AGES - Österreichische Agentur für Gesundheit und Ernährungssicherheit - Austrian Agency for Health and Food Safety

Belgium

✓ **Bulgaria**

Министерство на здравеопазването Изпълнителна агенция „Медицински надзор“ (Bulgarian Executive Agency Medical Supervision)

✓ **Croatia**

Ministarstvo zdravstva Zavod za transplantaciju i biomedicine Služba za transplantaciju (Ministry of Health and Social Welfare)

✓ **Cyprus**

Υπουργείο Υγείας της Κυπριακής Δημοκρατίας - Ιατρικές Υπηρεσίες και Υπηρεσίες Δημόσιας Υγείας (MOH - Medical and Public Health Services)

✓ **Czech Republic**

Ministerstvo zdravotnictví České republiky (MZCR) (Ministry of Health of the Czech Republic)
Koordináční Středisko Transplantací (KST) (Czech National Transplant Coordinating Centre)

✓ **Denmark**

Styrelsen for Patientsikkerhed/Danish Patient Safety Authority (STPS)

✓ **Estonia**

Ravimiamet (Estonian State Agency of Medicines)

✓ **Finland**

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

France

✓ **Germany**

Paul-Ehrlich-Institut (PEI) (Division of Medical Biotechnology)
Bundesministerium für Gesundheit (BMG) (Federal Ministry of Health)

Greece

✓ **Hungary**

National Center for Public Health and Pharmacy (NNGYK) (Nemzeti Népegészségügyi és Gyógyszerészeti Központ)

Ireland

✓ **Italy**

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

✓ **Latvia**

Zāļu valsts aģentūra (ZVA) - State Agency of Medicines of the Republic of Latvia

European Network of Competent Authorities for Tissues and Cells

✓ **Lithuania**

Nacionalinis Transplantacijos Biuras (NTB) (National Transplant Bureau)

✓ **Luxembourg**

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

Macedonia

Malta

✓ **Moldova**

AT - (The Transplant Agency)

✓ **Netherlands**

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

✓ **Norway**

Direktoratet for medisinske produktet (DMP) (Norwegian Medical Products Agency)

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**

Agentia Națională de Transplant (National Transplant Agency)

✓ **Slovakia**

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

Slovenia

✓ **Spain**

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

✓ **Sweden**

Health and Social Care Inspectorate (IVO)

✓ **Switzerland**

Bundesamt für Gesundheit - Sektion Transplantation und Fortpflanzungsmedizin/Office fédéral de la santé publique -
Section Transplantation et Procréation Médicalement assistée (FOPH/BAG) (Federal Office for Public Health – Sub-Division
Transplantation and Reproductive Medicine)

Turkey

✓ **United Kingdom - ONLY Northern Ireland**

Human Tissue Authority (HTA)

European Network of Competent Authorities for Tissues and Cells

Appendix II

Glossary

—■ A

Allogeneic use: cells removed from one person and applied to another.

Autologous use: cells removed from and applied in the same person.

—■ B

Banking: Processing, preservation, storage and distribution of cells for human application or other purposes, including research and training.

Bone Marrow: Tissue at the centre of large bones. It is the place where new blood cells are produced. Bone marrow contains two types of stem cell: haematopoietic (which can produce blood cells) and stromal (which can produce fat, cartilage and bone). In this collection: as a source of hematopoietic stem cells or mesenchymal stem cells.

—■ C

Cells: means individual human cells or a collection of human cells when not bound by any form of connective tissue.

Collection: any procedure for procuring a cellular therapy product regardless of technique or source (Synonym: harvest).

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.

Cord Blood: Blood collected from placental vessels and umbilical cord blood vessels after the umbilical cord is clamped and/or severed as a source of haematopoietic progenitor cells.

Cord Blood Bank: An organisation responsible for donor management and the collection, processing, testing, cryopreservation, storage, listing, reservation, release, and distribution of cord blood units.

Cryopreservation: Preservation and storage of viable tissues and cells (including gametes and embryos) to preserve viability, either by freezing or vitrification, or alternatively (to extend their viable life) by low-temperature storage.

European Network of Competent Authorities for Tissues and Cells

— ■ D

Distribution: transportation and delivery of tissues or cells intended for human applications.

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

Donation centre: An organisation responsible for donor recruitment, consenting, testing, management and the collection of donor personal, genetic, medical data.

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

Donor Registry: An organisation responsible for coordination of the search for haematopoietic stem cells from donors (including cord blood) unrelated to the potential recipient.

— ■ H

HPC Transplant Centre: A medical facility where a patient (recipient) receives a transplant (graft) with HSC from an unrelated donor or from an umbilical cord blood unit. The TC oversees the immediate medical treatment and provides long-term follow-up of the recipient. The search unit undertakes the search for an unrelated donor for specific patients using criteria defined and documented by the TC. This entity may be contained within a TC or may be separate from the TC. If separate, the search unit may coordinate searches for one or several TCs. In the standards, reference to a TC should be interpreted as a TC and/or a search unit as appropriate. Transplant centres/search units seeking an international donor work through the registry in their country.

Hematopoietic Progenitor Cells (HPC): Primitive haematopoietic cells capable of self-renewal as well as maturation into any of the haematopoietic lineages, including committed and lineage-restricted progenitor cells, unless otherwise specified and regardless of tissue source. Also referred to as ‘haematopoietic stem cells.

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.

— ■ N

Number of cells 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’.”)

— ■ O

Organisation responsible for human application: means a healthcare establishment or a unit of a hospital or another body which carries out human application of human tissues and cells

European Network of Competent Authorities for Tissues and Cells

—■ P

Peripheral Blood: in this collection: HSC hematopoietic stem cells collected in peripheral blood by apheresis.

Potential donor: Any person who has no medical contraindications for organ, tissue or cell donation and who meets the definition of a deceased heartbeating donor, deceased non-heartbeating donor or living donor.

Procurement organisation: means a health care 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.

—■ R

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

Related: Existence of a genetic relationship between donor and recipient.

—■ S

Search Performed: Number of searches for compatibility performed in the marrow registry.

—■ T

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.

Transplant Centre: See Organisation responsible for human application.

—■ U

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.

Unrelated: Where there exists no genetic relationship between donor and recipient.