

Unrelated Donor HCT Research Sample Inventory - Summary for First Allogeneic Transplants in CRF and TED with biospecimens available through the CIBMTR Repository stratified by availability of paired samples, recipient only samples and donor only samples, Biospecimens include: whole blood, serum/plasma and limited quantities of viable cells and cell lines (collected prior to 2006), Specific inventory queries available upon request through the CIBMTR Immunobiology Research Program

Variable	<u>Samples</u>		
	<u>Available for</u>	<u>Samples</u>	<u>Samples</u>
	<u>Recipient and</u> <u>Donor</u> N (%)	<u>Available for</u> <u>Recipient Only</u> N (%)	<u>Available for</u> <u>Donor Only</u> N (%)
Number of patients	52147	28252	13886
Source of data			
CRF	26120 (50)	9911 (35)	6049 (44)
TED	26027 (50)	18341 (65)	7837 (56)
Number of centers	269	246	400
Disease at transplant			
AML	18232 (35)	10649 (38)	4659 (34)
ALL	7447 (14)	3394 (12)	2177 (16)
Other leukemia	1515 (3)	516 (2)	341 (2)
CML	3644 (7)	1331 (5)	1086 (8)
MDS	8027 (15)	5686 (20)	1874 (13)
Other acute leukemia	594 (1)	340 (1)	163 (1)
NHL	4508 (9)	1890 (7)	1018 (7)
Hodgkin Lymphoma	987 (2)	318 (1)	230 (2)
Plasma Cell Disorders, MM	960 (2)	310 (1)	215 (2)
Other malignancies	61 (<1)	14 (<1)	23 (<1)
Breast cancer	7 (<1)	3 (<1)	1 (<1)
SAA	1706 (3)	856 (3)	609 (4)
Inherited abnormalities erythrocyte diff fxn	733 (1)	256 (1)	226 (2)
Inherited bone marrow failure syndromes	79 (<1)	100 (<1)	47 (<1)
Hemoglobinopathies	48 (<1)	56 (<1)	27 (<1)
Paroxysmal nocturnal hemoglobinuria	6 (<1)	12 (<1)	6 (<1)
SCIDs	918 (2)	473 (2)	417 (3)
Inherited abnormalities of platelets	45 (<1)	22 (<1)	13 (<1)
Inherited disorders of metabolism	316 (1)	108 (<1)	172 (1)
Histiocytic disorders	415 (1)	164 (1)	150 (1)
Autoimmune disorders	36 (<1)	44 (<1)	18 (<1)
MPN	1811 (3)	1693 (6)	392 (3)
Others	52 (<1)	17 (<1)	22 (<1)
AML Disease status at transplant			
CR1	10313 (57)	7148 (67)	2436 (52)
CR2	3375 (19)	1683 (16)	904 (19)
CR3+	364 (2)	139 (1)	106 (2)
Advanced or active disease	3996 (22)	1639 (15)	1066 (23)

Refresh Date: Dec 2025

Variable	<u>Samples</u>		
	<u>Available for</u>	<u>Samples</u>	<u>Samples</u>
	<u>Recipient and</u> <u>Donor</u> N (%)	<u>Available for</u> <u>Recipient Only</u> N (%)	<u>Available for</u> <u>Donor Only</u> N (%)
Missing	184 (1)	40 (<1)	147 (3)
ALL Disease status at transplant			
CR1	3782 (51)	2059 (61)	945 (43)
CR2	2109 (28)	838 (25)	633 (29)
CR3+	614 (8)	214 (6)	201 (9)
Advanced or active disease	860 (12)	259 (8)	277 (13)
Missing	82 (1)	24 (1)	121 (6)
MDS Disease status at transplant			
Early	1664 (21)	1027 (18)	409 (22)
Advanced	5316 (66)	4226 (74)	1091 (58)
Missing	1047 (13)	433 (8)	374 (20)
NHL Disease status at transplant			
CR1	668 (15)	426 (23)	157 (15)
CR2	865 (19)	391 (21)	169 (17)
CR3+	405 (9)	186 (10)	93 (9)
PR	446 (10)	111 (6)	99 (10)
Advanced	2031 (45)	750 (40)	466 (46)
Missing	73 (2)	18 (1)	31 (3)
Recipient age at transplant			
0-9 years	4219 (8)	1566 (6)	1752 (13)
10-17 years	3346 (6)	1209 (4)	1237 (9)
18-29 years	6115 (12)	2470 (9)	1785 (13)
30-39 years	5730 (11)	2463 (9)	1603 (12)
40-49 years	7624 (15)	3311 (12)	1951 (14)
50-59 years	10532 (20)	5263 (19)	2375 (17)
60-69 years	11535 (22)	8488 (30)	2536 (18)
70+ years	3046 (6)	3482 (12)	647 (5)
Median (Range)	49 (0-84)	57 (0-84)	43 (0-84)
Recipient race			
White	45472 (91)	24731 (91)	10192 (87)
Black or African American	2540 (5)	1147 (4)	691 (6)
Asian	1405 (3)	859 (3)	661 (6)
Native Hawaiian or other Pacific Islander	80 (<1)	39 (<1)	48 (<1)
American Indian or Alaska Native	213 (<1)	127 (<1)	70 (1)
Other	49 (<1)	27 (<1)	28 (<1)
More than one race	320 (1)	184 (1)	74 (1)
Unknown	2068 (N/A)	1138 (N/A)	2122 (N/A)
Recipient ethnicity			
Hispanic or Latino	4496 (10)	2200 (9)	1302 (11)

Refresh Date: Dec 2025

Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u> <u>Donor</u> N (%)	<u>Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
Non Hispanic or non-Latino	39733 (88)	23054 (90)	7386 (63)
Non-resident of the U.S.	894 (2)	312 (1)	2952 (25)
Unknown	7024 (N/A)	2686 (N/A)	2246 (N/A)
Recipient sex			
Male	30213 (58)	16592 (59)	8251 (59)
Female	21934 (42)	11660 (41)	5635 (41)
Karnofsky score			
10-80	18511 (35)	11453 (41)	4433 (32)
90-100	31769 (61)	16064 (57)	8777 (63)
Missing	1867 (4)	735 (3)	676 (5)
HLA-A B DRB1 groups - low resolution			
<=3/6	33 (<1)	129 (<1)	11 (<1)
4/6	336 (1)	196 (1)	95 (1)
5/6	7308 (14)	3629 (13)	2009 (15)
6/6	43950 (85)	23052 (85)	10876 (84)
Unknown	520 (N/A)	1246 (N/A)	895 (N/A)
High-resolution HLA matches available out of 8			
<=5/8	916 (2)	203 (1)	95 (1)
6/8	1918 (4)	342 (1)	285 (3)
7/8	9748 (19)	3950 (17)	2176 (22)
8/8	38113 (75)	19160 (81)	7403 (74)
Unknown	1452 (N/A)	4597 (N/A)	3927 (N/A)
HLA-DPB1 Match			
Double allele mismatch	12928 (28)	4490 (23)	1421 (24)
Single allele mismatch	24714 (54)	10180 (52)	3098 (53)
Full allele matched	8405 (18)	4749 (24)	1345 (23)
Unknown	6100 (N/A)	8833 (N/A)	8022 (N/A)
High resolution release score			
No	16427 (32)	28182 (>99)	13376 (96)
Yes	35720 (68)	70 (<1)	510 (4)
KIR typing available			
No	38299 (73)	28227 (>99)	13815 (99)
Yes	13848 (27)	25 (<1)	71 (1)
Graft type			
Marrow	17023 (33)	5857 (21)	5094 (37)
PBSC	34988 (67)	22130 (78)	8706 (63)
BM+PBSC	27 (<1)	34 (<1)	11 (<1)
PBSC+UCB	39 (<1)	197 (1)	11 (<1)
Others	70 (<1)	34 (<1)	64 (<1)

Refresh Date: Dec 2025

Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u> <u>Donor</u> N (%)	<u>Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
Conditioning regimen			
Myeloablative	30866 (59)	13348 (47)	8328 (60)
RIC/Nonmyeloablative	21046 (40)	14823 (52)	5380 (39)
TBD	235 (<1)	81 (<1)	178 (1)
Donor age at donation			
To Be Determined/NA	240 (<1)	573 (2)	172 (1)
0-9 years	4 (<1)	33 (<1)	1 (<1)
10-17 years	2 (<1)	11 (<1)	2 (<1)
18-29 years	26493 (51)	16448 (58)	6223 (45)
30-39 years	14635 (28)	7186 (25)	4164 (30)
40-49 years	8272 (16)	3074 (11)	2521 (18)
50+ years	2501 (5)	927 (3)	803 (6)
Median (Range)	30 (0-69)	28 (0-89)	31 (4-77)
Donor/Recipient CMV serostatus			
+ / +	13243 (25)	7832 (28)	3717 (27)
+ / -	6106 (12)	3591 (13)	1693 (12)
- / +	17148 (33)	8556 (30)	4247 (31)
- / -	14974 (29)	7541 (27)	3717 (27)
CB - recipient +	35 (<1)	154 (1)	10 (<1)
CB - recipient -	4 (<1)	50 (<1)	2 (<1)
CB - recipient CMV unknown	0	1 (<1)	0
Missing	637 (1)	527 (2)	500 (4)
GvHD Prophylaxis			
No GvHD Prophylaxis	224 (<1)	192 (1)	76 (1)
TDEPLETION alone	132 (<1)	51 (<1)	67 (<1)
TDEPLETION +- other	1147 (2)	325 (1)	391 (3)
CD34 select alone	324 (1)	191 (1)	120 (1)
CD34 select +- other	551 (1)	312 (1)	148 (1)
Cyclophosphamide alone	235 (<1)	99 (<1)	61 (<1)
Cyclophosphamide +- others	6203 (12)	8638 (31)	1597 (12)
FK506 + MMF +- others	5571 (11)	2339 (8)	1028 (7)
FK506 + MTX +- others(not MMF)	21357 (41)	10248 (36)	3724 (27)
FK506 +- others(not MMF,MTX)	2524 (5)	1438 (5)	512 (4)
FK506 alone	1206 (2)	547 (2)	235 (2)
CSA + MMF +- others(not FK506)	3132 (6)	1059 (4)	1096 (8)
CSA + MTX +- others(not MMF,FK506)	7032 (13)	1975 (7)	3594 (26)
CSA +- others(not FK506,MMF,MTX)	1091 (2)	342 (1)	468 (3)
CSA alone	468 (1)	134 (<1)	406 (3)
Other GVHD Prophylaxis	769 (1)	306 (1)	229 (2)

Refresh Date: Dec 2025

Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u> <u>Donor</u> N (%)	<u>Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
Missing	181 (<1)	56 (<1)	134 (1)
Donor/Recipient sex match			
Male-Male	20961 (40)	11157 (39)	5327 (38)
Male-Female	12851 (25)	6690 (24)	3046 (22)
Female-Male	9136 (18)	5170 (18)	2851 (21)
Female-Female	8977 (17)	4769 (17)	2539 (18)
CB - recipient M	17 (<1)	112 (<1)	3 (<1)
CB - recipient F	22 (<1)	93 (<1)	9 (<1)
Missing	183 (<1)	261 (1)	111 (1)
Year of transplant			
1986-1990	347 (1)	47 (<1)	103 (1)
1991-1995	1838 (4)	439 (2)	745 (5)
1996-2000	3305 (6)	1184 (4)	1213 (9)
2001-2005	5347 (10)	1070 (4)	1880 (14)
2006-2010	9592 (18)	1921 (7)	1877 (14)
2011-2015	13348 (26)	3587 (13)	2650 (19)
2016-2020	10385 (20)	7194 (25)	2810 (20)
2021-2025	7985 (15)	12810 (45)	2608 (19)
Follow-up among survivors, Months			
N Eval	24194	17127	6810
Median (Range)	48 (0-384)	23 (0-362)	35 (0-385)

Unrelated Cord Blood HCT Research Sample Inventory - Summary for First Allogeneic Transplants in CRF and TED with biospecimens available through the CIBMTR Repository stratified by availability of paired samples, recipient only samples and donor only samples, Biospecimens include: whole blood, serum/plasma and limited quantities of viable cells and cell lines (collected prior to 2006), Specific inventory queries available upon request through the CIBMTR Immunobiology Research Program

Variable	<u>Samples</u> <u>Available for</u> <u>Recipient and</u> <u>Donor</u> N (%)	<u>Samples</u> <u>Available for</u> <u>Recipient</u> <u>Only</u> N (%)	<u>Samples</u> <u>Available for</u> <u>Donor Only</u> N (%)
Number of patients	6535	1939	2412
Source of data			
CRF	4585 (70)	1190 (61)	1115 (46)
TED	1950 (30)	749 (39)	1297 (54)
Number of centers	156	145	231
Disease at transplant			
AML	2470 (38)	678 (35)	791 (33)
ALL	1345 (21)	417 (22)	530 (22)
Other leukemia	102 (2)	31 (2)	38 (2)
CML	140 (2)	38 (2)	61 (3)
MDS	594 (9)	184 (9)	193 (8)
Other acute leukemia	103 (2)	28 (1)	50 (2)
NHL	418 (6)	112 (6)	142 (6)
Hodgkin Lymphoma	104 (2)	27 (1)	35 (1)
Plasma Cell Disorders, MM	38 (1)	12 (1)	13 (1)
Other malignancies	12 (<1)	1 (<1)	3 (<1)
SAA	97 (1)	39 (2)	52 (2)
Inherited abnormalities erythrocyte diff fxn	171 (3)	51 (3)	45 (2)
Inherited bone marrow failure syndromes	10 (<1)	5 (<1)	7 (<1)
Hemoglobinopathies	3 (<1)	1 (<1)	1 (<1)
SCIDs	302 (5)	108 (6)	190 (8)
Inherited abnormalities of platelets	21 (<1)	6 (<1)	10 (<1)
Inherited disorders of metabolism	420 (6)	144 (7)	158 (7)
Histiocytic disorders	112 (2)	37 (2)	56 (2)
Autoimmune disorders	8 (<1)	0	6 (<1)
MPN	54 (1)	17 (1)	21 (1)
Others	11 (<1)	3 (<1)	10 (<1)
AML Disease status at transplant			
CR1	1311 (53)	398 (59)	410 (52)
CR2	654 (26)	164 (24)	198 (25)
CR3+	69 (3)	11 (2)	30 (4)
Advanced or active disease	428 (17)	102 (15)	147 (19)
Missing	8 (<1)	3 (<1)	6 (1)
ALL Disease status at transplant			

Refresh Date: Dec 2025

Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u>	<u>Recipient</u>	<u>Donor Only</u>
	<u>Donor</u>	<u>Only</u>	<u>Donor Only</u>
	N (%)	N (%)	N (%)
CR1	599 (45)	179 (43)	230 (43)
CR2	515 (38)	154 (37)	189 (36)
CR3+	152 (11)	59 (14)	67 (13)
Advanced or active disease	78 (6)	24 (6)	42 (8)
Missing	1 (<1)	1 (<1)	2 (<1)
MDS Disease status at transplant			
Early	179 (30)	44 (24)	76 (39)
Advanced	358 (60)	123 (67)	92 (48)
Missing	57 (10)	17 (9)	25 (13)
NHL Disease status at transplant			
CR1	66 (16)	12 (11)	28 (20)
CR2	80 (19)	28 (25)	36 (26)
CR3+	47 (11)	11 (10)	12 (9)
PR	68 (16)	12 (11)	16 (11)
Advanced	154 (37)	48 (43)	46 (33)
Missing	0	1 (1)	3 (2)
Recipient age at transplant			
0-9 years	1989 (30)	704 (36)	872 (36)
10-17 years	683 (10)	184 (9)	278 (12)
18-29 years	781 (12)	173 (9)	256 (11)
30-39 years	626 (10)	183 (9)	240 (10)
40-49 years	690 (11)	185 (10)	228 (9)
50-59 years	885 (14)	229 (12)	299 (12)
60-69 years	757 (12)	237 (12)	218 (9)
70+ years	124 (2)	44 (2)	21 (1)
Median (Range)	27 (0-83)	23 (0-84)	20 (0-85)
Recipient race			
White	4580 (74)	1334 (73)	1456 (72)
Black or African American	966 (16)	271 (15)	306 (15)
Asian	389 (6)	144 (8)	179 (9)
Native Hawaiian or other Pacific Islander	38 (1)	5 (<1)	23 (1)
American Indian or Alaska Native	63 (1)	18 (1)	25 (1)
Other	1 (<1)	1 (<1)	1 (<1)
More than one race	138 (2)	42 (2)	40 (2)
Unknown	360 (N/A)	124 (N/A)	382 (N/A)
Recipient ethnicity			
Hispanic or Latino	1378 (22)	371 (20)	412 (18)
Non Hispanic or non-Latino	4938 (78)	1460 (78)	1422 (61)
Non-resident of the U.S.	53 (1)	31 (2)	512 (22)

Refresh Date: Dec 2025

Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u>	<u>Recipient</u>	<u>Donor Only</u>
	<u>Donor</u>	<u>Only</u>	<u>Donor Only</u>
	N (%)	N (%)	N (%)
Unknown	166 (N/A)	77 (N/A)	66 (N/A)
Recipient sex			
Male	3628 (56)	1105 (57)	1375 (57)
Female	2907 (44)	834 (43)	1037 (43)
Karnofsky score			
10-80	1738 (27)	494 (25)	601 (25)
90-100	4547 (70)	1309 (68)	1588 (66)
Missing	250 (4)	136 (7)	223 (9)
HLA-A B DRB1 groups - low resolution			
<=3/6	197 (3)	124 (7)	63 (3)
4/6	2648 (41)	719 (40)	948 (41)
5/6	2736 (43)	706 (40)	953 (42)
6/6	809 (13)	236 (13)	324 (14)
Unknown	145 (N/A)	154 (N/A)	124 (N/A)
High-resolution HLA matches available out of 8			
<=5/8	3048 (54)	765 (55)	989 (54)
6/8	1352 (24)	333 (24)	434 (24)
7/8	809 (14)	196 (14)	270 (15)
8/8	389 (7)	109 (8)	141 (8)
Unknown	937 (N/A)	536 (N/A)	578 (N/A)
HLA-DPB1 Match			
Double allele mismatch	999 (37)	193 (31)	259 (36)
Single allele mismatch	1424 (53)	368 (59)	384 (54)
Full allele matched	263 (10)	58 (9)	70 (10)
Unknown	3849 (N/A)	1320 (N/A)	1699 (N/A)
High resolution release score			
No	5006 (77)	1889 (97)	2378 (99)
Yes	1529 (23)	50 (3)	34 (1)
KIR typing available			
No	5263 (81)	1933 (>99)	2383 (99)
Yes	1272 (19)	6 (<1)	29 (1)
Graft type			
UCB	6124 (94)	1734 (89)	2265 (94)
BM+UCB	1 (<1)	0	0
PBSC+UCB	378 (6)	197 (10)	132 (5)
Others	32 (<1)	8 (<1)	15 (1)
Number of cord units			
1	5485 (84)	0	2021 (84)
2	1048 (16)	0	390 (16)

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Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u>	<u>Recipient</u>	<u>Donor Only</u>
	<u>Donor</u>	<u>Only</u>	<u>Donor Only</u>
	N (%)	N (%)	N (%)
3	1 (<1)	0	0
Unknown	1 (N/A)	1939 (N/A)	1 (N/A)
Conditioning regimen			
Myeloablative	4267 (65)	1244 (64)	1519 (63)
RIC/Nonmyeloablative	2250 (34)	689 (36)	872 (36)
TBD	18 (<1)	6 (<1)	21 (1)
Donor age at donation			
To Be Determined/NA	5148 (79)	814 (42)	1942 (81)
0-9 years	1076 (16)	868 (45)	372 (15)
10-17 years	60 (1)	98 (5)	23 (1)
18-29 years	75 (1)	46 (2)	17 (1)
30-39 years	66 (1)	45 (2)	27 (1)
40-49 years	52 (1)	30 (2)	13 (1)
50+ years	58 (1)	38 (2)	18 (1)
Median (Range)	5 (0-72)	5 (0-73)	4 (0-67)
Donor/Recipient CMV serostatus			
+/+	0	0	1 (<1)
-/-	0	0	1 (<1)
CB - recipient +	4108 (63)	1182 (61)	1472 (61)
CB - recipient -	2324 (36)	687 (35)	860 (36)
CB - recipient CMV unknown	103 (2)	70 (4)	78 (3)
GvHD Prophylaxis			
No GvHD Prophylaxis	25 (<1)	10 (1)	17 (1)
TDEPLETION alone	1 (<1)	0	0
TDEPLETION +- other	27 (<1)	9 (<1)	9 (<1)
CD34 select alone	0	2 (<1)	1 (<1)
CD34 select +- other	308 (5)	156 (8)	86 (4)
Cyclophosphamide alone	0	0	1 (<1)
Cyclophosphamide +- others	19 (<1)	11 (1)	13 (1)
FK506 + MMF +- others	1956 (30)	633 (33)	507 (21)
FK506 + MTX +- others(not MMF)	218 (3)	58 (3)	78 (3)
FK506 +- others(not MMF,MTX)	237 (4)	69 (4)	94 (4)
FK506 alone	148 (2)	42 (2)	27 (1)
CSA + MMF +- others(not FK506)	2956 (45)	760 (39)	1157 (48)
CSA + MTX +- others(not MMF,FK506)	100 (2)	30 (2)	51 (2)
CSA +- others(not FK506,MMF,MTX)	341 (5)	116 (6)	241 (10)
CSA alone	50 (1)	19 (1)	74 (3)
Other GVHD Prophylaxis	137 (2)	21 (1)	46 (2)
Missing	12 (<1)	3 (<1)	10 (<1)

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Variable	<u>Samples</u>	<u>Samples</u>	<u>Samples</u>
	<u>Available for</u>	<u>Available for</u>	<u>Available for</u>
	<u>Recipient and</u>	<u>Recipient</u>	<u>Donor Only</u>
	<u>Donor</u>	<u>Only</u>	<u>Donor Only</u>
	N (%)	N (%)	N (%)
Donor/Recipient sex match			
Male-Female	0	0	1 (<1)
Female-Male	0	0	1 (<1)
CB - recipient M	3628 (56)	1105 (57)	1373 (57)
CB - recipient F	2907 (44)	834 (43)	1036 (43)
CB - recipient sex unknown	0	0	1 (<1)
Year of transplant			
1996-2000	1 (<1)	2 (<1)	5 (<1)
2001-2005	112 (2)	85 (4)	34 (1)
2006-2010	1847 (28)	427 (22)	623 (26)
2011-2015	2679 (41)	513 (26)	839 (35)
2016-2020	1340 (21)	528 (27)	553 (23)
2021-2025	556 (9)	384 (20)	358 (15)
Follow-up among survivors, Months			
N Eval	3247	1102	1277
Median (Range)	60 (0-196)	39 (0-213)	38 (0-240)

Related Donor HCT Research Sample Inventory - Summary for First Allogeneic Transplants in CRF and TED with biospecimens available through the CIBMTR Repository stratified by availability of paired samples, recipient only samples and donor only samples, Biospecimens include: whole blood, serum/plasma and limited quantities of viable cells and cell lines (collected prior to 2006), Specific inventory queries available upon request through the CIBMTR Immunobiology Research Program

Variable	<u>Samples</u> <u>Available for</u> <u>Recipient and</u> <u>Donor</u>	<u>Samples</u> <u>Available for</u> <u>Recipient</u> <u>Only</u>	<u>Samples</u> <u>Available for</u> <u>Donor Only</u>
	N (%)	N (%)	N (%)
Number of patients	13687	2413	1156
Source of data			
CRF	4321 (32)	632 (26)	346 (30)
TED	9366 (68)	1781 (74)	810 (70)
Number of centers	97	80	69
Disease at transplant			
AML	4487 (33)	768 (32)	409 (35)
ALL	2299 (17)	490 (20)	209 (18)
Other leukemia	232 (2)	46 (2)	19 (2)
CML	396 (3)	59 (2)	28 (2)
MDS	1810 (13)	297 (12)	159 (14)
Other acute leukemia	214 (2)	39 (2)	12 (1)
NHL	1106 (8)	208 (9)	101 (9)
Hodgkin Lymphoma	238 (2)	44 (2)	29 (3)
Plasma Cell Disorders, MM	276 (2)	43 (2)	21 (2)
Other malignancies	25 (<1)	0	1 (<1)
Breast cancer	1 (<1)	0	0
SAA	679 (5)	106 (4)	45 (4)
Inherited abnormalities erythrocyte diff fxn	503 (4)	71 (3)	17 (1)
Inherited bone marrow failure syndromes	57 (<1)	7 (<1)	8 (1)
Hemoglobinopathies	319 (2)	57 (2)	20 (2)
Paroxysmal nocturnal hemoglobinuria	4 (<1)	1 (<1)	0
SCIDs	309 (2)	52 (2)	28 (2)
Inherited abnormalities of platelets	13 (<1)	0	0
Inherited disorders of metabolism	30 (<1)	8 (<1)	3 (<1)
Histiocytic disorders	79 (1)	11 (<1)	6 (1)
Autoimmune disorders	18 (<1)	0	0
MPN	577 (4)	104 (4)	41 (4)
Others	15 (<1)	2 (<1)	0
AML Disease status at transplant			
CR1	3007 (67)	529 (69)	265 (65)
CR2	673 (15)	97 (13)	50 (12)
CR3+	55 (1)	18 (2)	2 (<1)
Advanced or active disease	745 (17)	119 (15)	92 (22)

Refresh Date: Dec 2025

Variable	<u>Samples</u> <u>Available for</u> <u>Recipient and</u> <u>Donor</u>	<u>Samples</u> <u>Available for</u> <u>Recipient</u> <u>Only</u>	<u>Samples</u> <u>Available for</u> <u>Donor Only</u>
	N (%)	N (%)	N (%)
Missing	7 (<1)	5 (1)	0
ALL Disease status at transplant			
CR1	1355 (59)	298 (61)	131 (63)
CR2	697 (30)	130 (27)	56 (27)
CR3+	150 (7)	35 (7)	10 (5)
Advanced or active disease	97 (4)	27 (6)	12 (6)
MDS Disease status at transplant			
Early	312 (17)	44 (15)	27 (17)
Advanced	1425 (79)	230 (77)	123 (77)
Missing	73 (4)	23 (8)	9 (6)
NHL Disease status at transplant			
CR1	225 (20)	49 (24)	25 (25)
CR2	211 (19)	40 (19)	17 (17)
CR3+	115 (10)	26 (13)	7 (7)
PR	71 (6)	14 (7)	7 (7)
Advanced	475 (43)	78 (38)	45 (45)
Missing	5 (<1)	0	0
Recipient age at transplant			
0-9 years	1542 (11)	241 (10)	100 (9)
10-17 years	1443 (11)	199 (8)	83 (7)
18-29 years	1622 (12)	327 (14)	132 (11)
30-39 years	1042 (8)	213 (9)	122 (11)
40-49 years	1585 (12)	289 (12)	120 (10)
50-59 years	2706 (20)	506 (21)	232 (20)
60-69 years	3121 (23)	528 (22)	304 (26)
70+ years	626 (5)	110 (5)	63 (5)
Median (Range)	48 (0-82)	48 (0-81)	51 (0-83)
Recipient race			
White	10027 (78)	1626 (74)	837 (79)
Black or African American	1884 (15)	340 (15)	129 (12)
Asian	667 (5)	194 (9)	71 (7)
Native Hawaiian or other Pacific Islander	49 (<1)	9 (<1)	3 (<1)
American Indian or Alaska Native	95 (1)	16 (1)	9 (1)
More than one race	186 (1)	24 (1)	17 (2)
Unknown	779 (N/A)	204 (N/A)	90 (N/A)
Recipient ethnicity			
Hispanic or Latino	2664 (20)	594 (25)	260 (23)
Non Hispanic or non-Latino	10617 (79)	1729 (74)	841 (75)
Non-resident of the U.S.	133 (1)	28 (1)	18 (2)

Refresh Date: Dec 2025

Variable	<u>Samples</u> <u>Available for</u> <u>Recipient and</u> <u>Donor</u>	<u>Samples</u> <u>Available for</u> <u>Recipient</u> <u>Only</u>	<u>Samples</u> <u>Available for</u> <u>Donor Only</u>
	N (%)	N (%)	N (%)
Unknown	273 (N/A)	62 (N/A)	37 (N/A)
Recipient sex			
Male	8010 (59)	1414 (59)	680 (59)
Female	5677 (41)	999 (41)	476 (41)
Karnofsky score			
10-80	4910 (36)	955 (40)	502 (43)
90-100	8271 (60)	1384 (57)	591 (51)
Missing	506 (4)	74 (3)	63 (5)
HLA-A B DRB1 groups - low resolution			
<=3/6	3403 (26)	585 (26)	344 (34)
4/6	1015 (8)	196 (9)	105 (10)
5/6	295 (2)	56 (2)	31 (3)
6/6	8568 (65)	1444 (63)	529 (52)
Unknown	406 (N/A)	132 (N/A)	147 (N/A)
High-resolution HLA matches available out of 8			
<=5/8	4233 (33)	722 (33)	400 (44)
6/8	191 (1)	51 (2)	14 (2)
7/8	200 (2)	37 (2)	21 (2)
8/8	8264 (64)	1357 (63)	482 (53)
Unknown	799 (N/A)	246 (N/A)	239 (N/A)
HLA-DPB1 Match			
Double allele mismatch	15 (<1)	1 (<1)	4 (1)
Single allele mismatch	3612 (40)	491 (65)	287 (67)
Full allele matched	5377 (60)	261 (35)	136 (32)
Unknown	4683 (N/A)	1660 (N/A)	729 (N/A)
High resolution release score			
No	7234 (53)	2384 (99)	1143 (99)
Yes	6453 (47)	29 (1)	13 (1)
Graft type			
Marrow	3974 (29)	528 (22)	290 (25)
PBSC	9582 (70)	1840 (76)	856 (74)
UCB	2 (<1)	15 (1)	0
BM+PBSC	22 (<1)	7 (<1)	1 (<1)
BM+UCB	52 (<1)	15 (1)	3 (<1)
PBSC+UCB	1 (<1)	2 (<1)	4 (<1)
Others	54 (<1)	6 (<1)	2 (<1)
Conditioning regimen			
Myeloablative	7617 (56)	1319 (55)	587 (51)
RIC/Nonmyeloablative	6003 (44)	1077 (45)	551 (48)

Refresh Date: Dec 2025

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	N (%)	N (%)	N (%)
TBD	67 (<1)	17 (1)	18 (2)
Donor age at donation			
To Be Determined/NA	15 (<1)	9 (<1)	2 (<1)
0-9 years	970 (7)	142 (6)	39 (3)
10-17 years	1156 (8)	188 (8)	78 (7)
18-29 years	2584 (19)	460 (19)	260 (22)
30-39 years	2165 (16)	433 (18)	222 (19)
40-49 years	2160 (16)	382 (16)	177 (15)
50+ years	4637 (34)	799 (33)	378 (33)
Median (Range)	40 (0-82)	40 (0-79)	39 (0-80)
Donor/Recipient CMV serostatus			
+ / +	5561 (41)	1076 (45)	477 (41)
+ / -	1467 (11)	209 (9)	115 (10)
- / +	3460 (25)	584 (24)	302 (26)
- / -	2958 (22)	478 (20)	229 (20)
CB - recipient +	32 (<1)	18 (1)	6 (1)
CB - recipient -	23 (<1)	14 (1)	1 (<1)
Missing	186 (1)	34 (1)	26 (2)
GvHD Prophylaxis			
No GvHD Prophylaxis	198 (1)	26 (1)	16 (1)
TDEPLETION alone	141 (1)	44 (2)	17 (1)
TDEPLETION +- other	144 (1)	39 (2)	19 (2)
CD34 select alone	91 (1)	29 (1)	12 (1)
CD34 select +- other	106 (1)	35 (1)	10 (1)
Cyclophosphamide alone	81 (1)	11 (<1)	10 (1)
Cyclophosphamide +- others	5079 (37)	841 (35)	507 (44)
FK506 + MMF +- others	897 (7)	114 (5)	34 (3)
FK506 + MTX +- others(not MMF)	4530 (33)	682 (28)	358 (31)
FK506 +- others(not MMF,MTX)	892 (7)	368 (15)	77 (7)
FK506 alone	127 (1)	19 (1)	6 (1)
CSA + MMF +- others(not FK506)	256 (2)	44 (2)	19 (2)
CSA + MTX +- others(not MMF,FK506)	773 (6)	105 (4)	46 (4)
CSA +- others(not FK506,MMF,MTX)	83 (1)	11 (<1)	3 (<1)
CSA alone	84 (1)	11 (<1)	3 (<1)
Other GVHD Prophylaxis	193 (1)	25 (1)	19 (2)
Missing	12 (<1)	9 (<1)	0
Donor/Recipient sex match			
Male-Male	4539 (33)	848 (35)	396 (34)
Male-Female	2908 (21)	498 (21)	248 (21)

Refresh Date: Dec 2025

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	N (%)	N (%)	N (%)
Female-Male	3433 (25)	546 (23)	281 (24)
Female-Female	2748 (20)	488 (20)	224 (19)
CB - recipient M	34 (<1)	19 (1)	3 (<1)
CB - recipient F	21 (<1)	13 (1)	4 (<1)
Missing	4 (<1)	1 (<1)	0
Year of transplant			
2006-2010	613 (4)	74 (3)	56 (5)
2011-2015	3719 (27)	525 (22)	215 (19)
2016-2020	5089 (37)	910 (38)	403 (35)
2021-2025	4266 (31)	904 (37)	482 (42)
Follow-up among survivors, Months			
N Eval	8910	1577	753
Median (Range)	28 (0-150)	24 (0-124)	24 (0-148)