

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 Available for Recipient and Donor</u> N (%)	<u>Samples Available for Recipient Only</u> N (%)	<u>Samples Available for Donor Only</u> N (%)
Number of patients	52932	30692	14171
Source of data			
CRF	26279 (50)	10277 (33)	6080 (43)
TED	26653 (50)	20415 (67)	8091 (57)
Number of centers	269	246	404
Disease at transplant			
AML	18520 (35)	11505 (37)	4742 (33)
ALL	7533 (14)	3587 (12)	2217 (16)
Other leukemia	1523 (3)	539 (2)	343 (2)
CML	3659 (7)	1373 (4)	1091 (8)
MDS	8224 (16)	6379 (21)	1945 (14)
Other acute leukemia	600 (1)	374 (1)	166 (1)
NHL	4545 (9)	2044 (7)	1039 (7)
Hodgkin Lymphoma	1007 (2)	360 (1)	233 (2)
Plasma Cell Disorders, MM	961 (2)	321 (1)	216 (2)
Other malignancies	58 (<1)	14 (<1)	24 (<1)
Breast cancer	7 (<1)	3 (<1)	1 (<1)
SAA	1735 (3)	948 (3)	623 (4)
Inherited abnormalities erythrocyte diff fxn	733 (1)	256 (1)	226 (2)
Inherited bone marrow failure syndromes	85 (<1)	117 (<1)	51 (<1)
Hemoglobinopathies	52 (<1)	65 (<1)	28 (<1)
Paroxysmal nocturnal hemoglobinuria	9 (<1)	17 (<1)	6 (<1)
SCIDs	927 (2)	499 (2)	427 (3)
Inherited abnormalities of platelets	46 (<1)	23 (<1)	14 (<1)
Inherited disorders of metabolism	319 (1)	113 (<1)	173 (1)
Histiocytic disorders	418 (1)	176 (1)	154 (1)
Autoimmune disorders	43 (<1)	49 (<1)	20 (<1)
MPN	1873 (4)	1908 (6)	409 (3)
Others	55 (<1)	22 (<1)	23 (<1)
AML Disease status at transplant			
CR1	10521 (57)	7816 (68)	2504 (53)
CR2	3417 (18)	1795 (16)	916 (19)
CR3+	369 (2)	142 (1)	107 (2)
Advanced or active disease	4028 (22)	1712 (15)	1068 (23)
Missing	185 (1)	40 (<1)	147 (3)

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and Donor</u>	<u>Samples Available for Recipient Only</u>	<u>Samples Available for Donor Only</u>
	N (%)	N (%)	N (%)
ALL Disease status at transplant			
CR1	3840 (51)	2198 (61)	970 (44)
CR2	2135 (28)	879 (25)	643 (29)
CR3+	615 (8)	224 (6)	204 (9)
Advanced or active disease	861 (11)	262 (7)	279 (13)
Missing	82 (1)	24 (1)	121 (5)
MDS Disease status at transplant			
Early	1684 (20)	1111 (17)	414 (21)
Advanced	5447 (66)	4691 (74)	1138 (59)
Missing	1093 (13)	577 (9)	393 (20)
NHL Disease status at transplant			
CR1	678 (15)	475 (23)	165 (16)
CR2	875 (19)	428 (21)	173 (17)
CR3+	408 (9)	203 (10)	94 (9)
PR	446 (10)	111 (5)	99 (10)
Advanced	2045 (45)	801 (39)	474 (46)
Missing	73 (2)	18 (1)	31 (3)
Recipient age at transplant			
0-9 years	4252 (8)	1634 (5)	1778 (13)
10-17 years	3371 (6)	1267 (4)	1246 (9)
18-29 years	6178 (12)	2631 (9)	1813 (13)
30-39 years	5790 (11)	2628 (9)	1625 (11)
40-49 years	7690 (15)	3546 (12)	1982 (14)
50-59 years	10662 (20)	5695 (19)	2416 (17)
60-69 years	11775 (22)	9325 (30)	2633 (19)
70+ years	3214 (6)	3966 (13)	678 (5)
Median (Range)	49 (0-84)	57 (0-84)	43 (0-84)
Recipient race			
White	46031 (91)	26599 (91)	10332 (86)
Black or African American	2588 (5)	1258 (4)	712 (6)
Asian	1437 (3)	935 (3)	677 (6)
Native Hawaiian or other Pacific Islander	83 (<1)	42 (<1)	50 (<1)
American Indian or Alaska Native	229 (<1)	164 (1)	72 (1)
Other	49 (<1)	27 (<1)	28 (<1)
More than one race	327 (1)	207 (1)	75 (1)
Unknown	2188 (N/A)	1460 (N/A)	2225 (N/A)
Recipient ethnicity			
Hispanic or Latino	4572 (10)	2386 (9)	1332 (11)
Non Hispanic or non-Latino	39758 (88)	23423 (90)	7424 (63)
Non-resident of the U.S.	894 (2)	312 (1)	3026 (26)

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and</u>	<u>Samples Available for</u>	<u>Samples Available for</u>
	<u>Donor</u> N (%)	<u>Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
Unknown	7708 (N/A)	4571 (N/A)	2389 (N/A)
Recipient sex			
Male	30636 (58)	18036 (59)	8419 (59)
Female	22296 (42)	12656 (41)	5752 (41)
Karnofsky score			
10-80	18854 (36)	12564 (41)	4536 (32)
90-100	32190 (61)	17357 (57)	8952 (63)
Missing	1888 (4)	771 (3)	683 (5)
HLA-A B DRB1 groups - low resolution			
<=3/6	31 (<1)	144 (<1)	11 (<1)
4/6	359 (1)	231 (1)	107 (1)
5/6	7489 (14)	4074 (14)	2086 (16)
6/6	44559 (85)	24801 (85)	11107 (83)
Unknown	494 (N/A)	1442 (N/A)	860 (N/A)
High-resolution HLA matches available out of 8			
<=5/8	903 (2)	213 (1)	94 (1)
6/8	1949 (4)	402 (2)	308 (3)
7/8	9969 (19)	4466 (17)	2252 (22)
8/8	38779 (75)	20788 (80)	7621 (74)
Unknown	1332 (N/A)	4823 (N/A)	3896 (N/A)
HLA-DPB1 Match			
Double allele mismatch	13319 (28)	5096 (24)	1487 (24)
Single allele mismatch	25477 (54)	11346 (52)	3247 (53)
Full allele matched	8680 (18)	5207 (24)	1432 (23)
Unknown	5456 (N/A)	9043 (N/A)	8005 (N/A)
High resolution release score			
No	13395 (25)	30590 (>99)	13661 (96)
Yes	39537 (75)	102 (<1)	510 (4)
KIR typing available			
No	39084 (74)	30667 (>99)	14100 (99)
Yes	13848 (26)	25 (<1)	71 (1)
Graft type			
Marrow	17094 (32)	6033 (20)	5139 (36)
PBSC	35687 (67)	24389 (79)	8940 (63)
BM+PBSC	28 (<1)	32 (<1)	11 (<1)
PBSC+UCB	37 (<1)	198 (1)	11 (<1)
Others	86 (<1)	40 (<1)	70 (<1)
Conditioning regimen			
Myeloablative	31121 (59)	14139 (46)	8436 (60)
RIC/Nonmyeloablative	21583 (41)	16470 (54)	5558 (39)

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and</u>	<u>Samples Available for</u>	<u>Samples Available for</u>
	<u>Donor</u> N (%)	<u>Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
TBD	228 (<1)	83 (<1)	177 (1)
Donor age at donation			
To Be Determined/NA	228 (<1)	790 (3)	154 (1)
0-9 years	5 (<1)	36 (<1)	1 (<1)
10-17 years	1 (<1)	12 (<1)	1 (<1)
18-29 years	27000 (51)	18046 (59)	6407 (45)
30-39 years	14883 (28)	7705 (25)	4258 (30)
40-49 years	8312 (16)	3166 (10)	2543 (18)
50+ years	2503 (5)	937 (3)	807 (6)
Median (Range)	30 (0-69)	28 (0-89)	31 (4-77)
Donor/Recipient CMV serostatus			
+ / +	13441 (25)	8503 (28)	3806 (27)
+ / -	6207 (12)	3872 (13)	1716 (12)
- / +	17429 (33)	9328 (30)	4341 (31)
- / -	15186 (29)	8244 (27)	3791 (27)
CB - recipient +	33 (<1)	155 (1)	10 (<1)
CB - recipient -	4 (<1)	50 (<1)	2 (<1)
CB - recipient CMV unknown	0	1 (<1)	0
Missing	632 (1)	539 (2)	505 (4)
GvHD Prophylaxis			
No GvHD Prophylaxis	221 (<1)	190 (1)	74 (1)
TDEPLETION alone	133 (<1)	55 (<1)	69 (<1)
TDEPLETION +- other	1159 (2)	332 (1)	393 (3)
CD34 select alone	326 (1)	196 (1)	122 (1)
CD34 select +- other	550 (1)	321 (1)	150 (1)
Cyclophosphamide alone	235 (<1)	125 (<1)	65 (<1)
Cyclophosphamide +- others	6849 (13)	10588 (34)	1787 (13)
FK506 + MMF +- others	5589 (11)	2404 (8)	1038 (7)
FK506 + MTX +- others(not MMF)	21434 (40)	10549 (34)	3754 (26)
FK506 +- others(not MMF,MTX)	2532 (5)	1459 (5)	520 (4)
FK506 alone	1211 (2)	559 (2)	238 (2)
CSA + MMF +- others(not FK506)	3133 (6)	1061 (3)	1094 (8)
CSA + MTX +- others(not MMF,FK506)	7034 (13)	1974 (6)	3596 (25)
CSA +- others(not FK506,MMF,MTX)	1092 (2)	341 (1)	468 (3)
CSA alone	468 (1)	134 (<1)	406 (3)
Other GVHD Prophylaxis	780 (1)	342 (1)	259 (2)
Missing	186 (<1)	62 (<1)	138 (1)
Donor/Recipient sex match			
Male-Male	21217 (40)	12062 (39)	5438 (38)
Male-Female	13050 (25)	7191 (23)	3105 (22)

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and</u> <u>Donor</u>	<u>Samples Available for</u> <u>Recipient Only</u>	<u>Samples Available for</u> <u>Donor Only</u>
	N (%)	N (%)	N (%)
Female-Male	9297 (18)	5601 (18)	2921 (21)
Female-Female	9149 (17)	5167 (17)	2604 (18)
CB - recipient M	15 (<1)	113 (<1)	3 (<1)
CB - recipient F	22 (<1)	93 (<1)	9 (<1)
Missing	182 (<1)	465 (2)	91 (1)
Year of transplant			
1986-1990	347 (1)	47 (<1)	103 (1)
1991-1995	1838 (3)	439 (1)	745 (5)
1996-2000	3305 (6)	1184 (4)	1213 (9)
2001-2005	5347 (10)	1070 (3)	1880 (13)
2006-2010	9592 (18)	1921 (6)	1878 (13)
2011-2015	13348 (25)	3588 (12)	2651 (19)
2016-2020	10356 (20)	7226 (24)	2799 (20)
2021-2025	8270 (16)	13859 (45)	2732 (19)
2026	529 (1)	1358 (4)	170 (1)
Follow-up among survivors, Months			
N Eval	24671	18882	6985
Median (Range)	48 (0-384)	24 (0-362)	36 (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 Available for Recipient and Donor</u> N (%)	<u>Samples Available for Recipient Only</u> N (%)	<u>Samples Available for Donor Only</u> N (%)
Number of patients	6611	1962	2460
Source of data			
CRF	4597 (70)	1198 (61)	1120 (46)
TED	2014 (30)	764 (39)	1340 (54)
Number of centers	157	146	235
Disease at transplant			
AML	2505 (38)	683 (35)	808 (33)
ALL	1363 (21)	422 (22)	539 (22)
Other leukemia	102 (2)	31 (2)	38 (2)
CML	141 (2)	38 (2)	61 (2)
MDS	599 (9)	188 (10)	198 (8)
Other acute leukemia	104 (2)	29 (1)	50 (2)
NHL	419 (6)	114 (6)	145 (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)	40 (2)	53 (2)
Inherited abnormalities erythrocyte diff fxn	171 (3)	51 (3)	45 (2)
Inherited bone marrow failure syndromes	11 (<1)	5 (<1)	8 (<1)
Hemoglobinopathies	4 (<1)	2 (<1)	2 (<1)
SCIDs	308 (5)	110 (6)	192 (8)
Inherited abnormalities of platelets	21 (<1)	6 (<1)	10 (<1)
Inherited disorders of metabolism	426 (6)	147 (7)	165 (7)
Histiocytic disorders	113 (2)	36 (2)	58 (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	1340 (53)	400 (59)	422 (52)
CR2	658 (26)	166 (24)	201 (25)
CR3+	69 (3)	11 (2)	30 (4)
Advanced or active disease	430 (17)	103 (15)	149 (18)
Missing	8 (<1)	3 (<1)	6 (1)
ALL Disease status at transplant			
CR1	604 (44)	179 (42)	235 (44)

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and</u> <u>Donor</u>	<u>Samples Available for</u> <u>Recipient Only</u>	<u>Samples Available for</u> <u>Donor Only</u>
	N (%)	N (%)	N (%)
CR2	525 (39)	159 (38)	190 (35)
CR3+	153 (11)	59 (14)	69 (13)
Advanced or active disease	80 (6)	24 (6)	43 (8)
Missing	1 (<1)	1 (<1)	2 (<1)
MDS Disease status at transplant			
Early	180 (30)	45 (24)	78 (39)
Advanced	362 (60)	125 (66)	93 (47)
Missing	57 (10)	18 (10)	27 (14)
NHL Disease status at transplant			
CR1	67 (16)	14 (12)	28 (19)
CR2	80 (19)	29 (25)	37 (26)
CR3+	47 (11)	11 (10)	12 (8)
PR	68 (16)	12 (11)	16 (11)
Advanced	154 (37)	47 (41)	48 (33)
Missing	0	1 (1)	3 (2)
Recipient age at transplant			
0-9 years	2019 (31)	717 (37)	892 (36)
10-17 years	690 (10)	186 (9)	285 (12)
18-29 years	798 (12)	174 (9)	262 (11)
30-39 years	631 (10)	188 (10)	242 (10)
40-49 years	694 (10)	185 (9)	230 (9)
50-59 years	892 (13)	231 (12)	302 (12)
60-69 years	760 (11)	237 (12)	223 (9)
70+ years	127 (2)	44 (2)	24 (1)
Median (Range)	27 (0-83)	22 (0-84)	20 (0-85)
Recipient race			
White	4609 (74)	1343 (73)	1468 (72)
Black or African American	978 (16)	273 (15)	310 (15)
Asian	392 (6)	143 (8)	182 (9)
Native Hawaiian or other Pacific Islander	38 (1)	5 (<1)	22 (1)
American Indian or Alaska Native	64 (1)	18 (1)	25 (1)
Other	1 (<1)	1 (<1)	1 (<1)
More than one race	142 (2)	45 (2)	40 (2)
Unknown	387 (N/A)	134 (N/A)	412 (N/A)
Recipient ethnicity			
Hispanic or Latino	1395 (22)	377 (20)	418 (18)
Non Hispanic or non-Latino	4946 (77)	1459 (78)	1428 (60)
Non-resident of the U.S.	53 (1)	30 (2)	528 (22)
Unknown	217 (N/A)	96 (N/A)	86 (N/A)
Recipient sex			

Variable	<u>Samples Available for Recipient and</u>	<u>Samples Available for</u>	<u>Samples Available for</u>
	<u>Donor</u> N (%)	<u>Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
Male	3674 (56)	1116 (57)	1407 (57)
Female	2937 (44)	846 (43)	1053 (43)
Karnofsky score			
10-80	1755 (27)	501 (26)	611 (25)
90-100	4598 (70)	1323 (67)	1616 (66)
Missing	258 (4)	138 (7)	233 (9)
HLA-A B DRB1 groups - low resolution			
<=3/6	213 (3)	131 (7)	70 (3)
4/6	2676 (41)	738 (40)	974 (41)
5/6	2753 (43)	720 (39)	974 (41)
6/6	827 (13)	242 (13)	329 (14)
Unknown	142 (N/A)	131 (N/A)	113 (N/A)
High-resolution HLA matches available out of 8			
<=5/8	3114 (55)	774 (54)	1019 (54)
6/8	1363 (24)	355 (25)	451 (24)
7/8	814 (14)	198 (14)	275 (15)
8/8	389 (7)	111 (8)	140 (7)
Unknown	931 (N/A)	524 (N/A)	575 (N/A)
HLA-DPB1 Match			
Double allele mismatch	1017 (37)	201 (31)	291 (38)
Single allele mismatch	1466 (53)	380 (59)	393 (52)
Full allele matched	272 (10)	65 (10)	74 (10)
Unknown	3856 (N/A)	1316 (N/A)	1702 (N/A)
High resolution release score			
No	5080 (77)	1912 (97)	2426 (99)
Yes	1531 (23)	50 (3)	34 (1)
KIR typing available			
No	5339 (81)	1956 (>99)	2431 (99)
Yes	1272 (19)	6 (<1)	29 (1)
Graft type			
UCB	6194 (94)	1756 (90)	2310 (94)
BM+UCB	1 (<1)	0	0
PBSC+UCB	383 (6)	198 (10)	135 (5)
Others	33 (<1)	8 (<1)	15 (1)
Number of cord units			
1	5553 (84)	0	2062 (84)
2	1056 (16)	0	397 (16)
3	1 (<1)	0	0
Unknown	1 (N/A)	1962 (N/A)	1 (N/A)
Conditioning regimen			

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and</u> <u>Donor</u>	<u>Samples Available for</u> <u>Recipient Only</u>	<u>Samples Available for</u> <u>Donor Only</u>
	N (%)	N (%)	N (%)
Myeloablative	4327 (65)	1260 (64)	1552 (63)
RIC/Nonmyeloablative	2266 (34)	696 (35)	888 (36)
TBD	18 (<1)	6 (<1)	20 (1)
Donor age at donation			
To Be Determined/NA	5225 (79)	846 (43)	2000 (81)
0-9 years	1084 (16)	872 (44)	362 (15)
10-17 years	60 (1)	101 (5)	21 (1)
18-29 years	71 (1)	41 (2)	18 (1)
30-39 years	68 (1)	41 (2)	27 (1)
40-49 years	49 (1)	29 (1)	14 (1)
50+ years	54 (1)	32 (2)	18 (1)
Median (Range)	4 (0-72)	5 (0-73)	4 (0-67)
Donor/Recipient CMV serostatus			
+/+	0	0	1 (<1)
-/-	0	0	1 (<1)
CB - recipient +	4149 (63)	1198 (61)	1494 (61)
CB - recipient -	2352 (36)	695 (35)	884 (36)
CB - recipient CMV unknown	109 (2)	69 (4)	80 (3)
Missing	1 (<1)	0	0
GvHD Prophylaxis			
No GvHD Prophylaxis	26 (<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	311 (5)	157 (8)	85 (3)
Cyclophosphamide alone	0	0	1 (<1)
Cyclophosphamide +- others	19 (<1)	12 (1)	14 (1)
FK506 + MMF +- others	1996 (30)	646 (33)	528 (21)
FK506 + MTX +- others(not MMF)	216 (3)	59 (3)	77 (3)
FK506 +- others(not MMF,MTX)	242 (4)	70 (4)	95 (4)
FK506 alone	145 (2)	42 (2)	27 (1)
CSA + MMF +- others(not FK506)	2962 (45)	754 (38)	1162 (47)
CSA + MTX +- others(not MMF,FK506)	100 (2)	30 (2)	51 (2)
CSA +- others(not FK506,MMF,MTX)	342 (5)	117 (6)	242 (10)
CSA alone	50 (1)	18 (1)	75 (3)
Other GVHD Prophylaxis	162 (2)	33 (2)	64 (3)
Missing	12 (<1)	3 (<1)	12 (<1)
Donor/Recipient sex match			
Male-Female	0	0	1 (<1)
Female-Male	1 (<1)	0	1 (<1)

Refresh Date: Jun 2026

Variable	<u>Samples Available for Recipient and Donor</u>	<u>Samples Available for Recipient Only</u>	<u>Samples Available for Donor Only</u>
	N (%)	N (%)	N (%)
CB - recipient M	3673 (56)	1116 (57)	1405 (57)
CB - recipient F	2937 (44)	846 (43)	1052 (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)	624 (25)
2011-2015	2679 (41)	513 (26)	841 (34)
2016-2020	1341 (20)	528 (27)	552 (22)
2021-2025	589 (9)	391 (20)	378 (15)
2026	42 (1)	16 (1)	26 (1)
Follow-up among survivors, Months			
N Eval	3307	1116	1312
Median (Range)	60 (0-196)	42 (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 Available</u> <u>for Recipient and</u>	<u>Samples Available</u>	<u>Samples</u> <u>Available for</u>
	<u>Donor</u> N (%)	<u>for Recipient Only</u> N (%)	<u>Donor Only</u> N (%)
Number of patients	14064	2523	1200
Source of data			
CRF	4411 (31)	657 (26)	350 (29)
TED	9653 (69)	1866 (74)	850 (71)
Number of centers	99	80	70
Disease at transplant			
AML	4599 (33)	806 (32)	422 (35)
ALL	2364 (17)	509 (20)	217 (18)
Other leukemia	235 (2)	47 (2)	19 (2)
CML	406 (3)	60 (2)	30 (3)
MDS	1862 (13)	305 (12)	161 (13)
Other acute leukemia	217 (2)	40 (2)	13 (1)
NHL	1128 (8)	219 (9)	104 (9)
Hodgkin Lymphoma	253 (2)	46 (2)	30 (3)
Plasma Cell Disorders, MM	276 (2)	44 (2)	23 (2)
Other malignancies	26 (<1)	0	1 (<1)
Breast cancer	1 (<1)	0	0
SAA	711 (5)	116 (5)	48 (4)
Inherited abnormalities erythrocyte diff fxn	504 (4)	71 (3)	17 (1)
Inherited bone marrow failure syndromes	65 (<1)	9 (<1)	9 (1)
Hemoglobinopathies	342 (2)	66 (3)	25 (2)
Paroxysmal nocturnal hemoglobinuria	5 (<1)	1 (<1)	0
SCIDs	317 (2)	54 (2)	30 (3)
Inherited abnormalities of platelets	13 (<1)	0	0
Inherited disorders of metabolism	30 (<1)	9 (<1)	3 (<1)
Histiocytic disorders	80 (1)	11 (<1)	6 (1)
Autoimmune disorders	19 (<1)	1 (<1)	0
MPN	595 (4)	107 (4)	42 (4)
Others	16 (<1)	2 (<1)	0
AML Disease status at transplant			
CR1	3083 (67)	559 (69)	275 (65)
CR2	694 (15)	101 (13)	50 (12)
CR3+	56 (1)	16 (2)	3 (1)
Advanced or active disease	759 (17)	125 (16)	94 (22)
Missing	7 (<1)	5 (1)	0

Refresh Date: Jun 2026

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	N (%)	N (%)	N (%)
ALL Disease status at transplant			
CR1	1386 (59)	306 (60)	136 (63)
CR2	721 (30)	136 (27)	58 (27)
CR3+	158 (7)	39 (8)	11 (5)
Advanced or active disease	99 (4)	28 (6)	12 (6)
MDS Disease status at transplant			
Early	315 (17)	44 (14)	26 (16)
Advanced	1468 (79)	239 (78)	126 (78)
Missing	79 (4)	22 (7)	9 (6)
NHL Disease status at transplant			
CR1	231 (21)	56 (26)	25 (24)
CR2	217 (19)	42 (19)	16 (15)
CR3+	117 (10)	26 (12)	7 (7)
PR	71 (6)	14 (6)	7 (7)
Advanced	483 (43)	80 (37)	49 (47)
Missing	5 (<1)	0	0
Recipient age at transplant			
0-9 years	1603 (11)	256 (10)	107 (9)
10-17 years	1491 (11)	217 (9)	89 (7)
18-29 years	1675 (12)	351 (14)	138 (12)
30-39 years	1067 (8)	224 (9)	125 (10)
40-49 years	1616 (11)	301 (12)	126 (11)
50-59 years	2749 (20)	514 (20)	236 (20)
60-69 years	3210 (23)	545 (22)	314 (26)
70+ years	653 (5)	115 (5)	65 (5)
Median (Range)	48 (0-82)	48 (0-81)	51 (0-83)
Recipient race			
White	10235 (78)	1676 (73)	848 (77)
Black or African American	1938 (15)	357 (16)	140 (13)
Asian	687 (5)	201 (9)	77 (7)
Native Hawaiian or other Pacific Islander	50 (<1)	9 (<1)	3 (<1)
American Indian or Alaska Native	96 (1)	17 (1)	10 (1)
More than one race	192 (1)	27 (1)	18 (2)
Unknown	866 (N/A)	236 (N/A)	104 (N/A)
Recipient ethnicity			
Hispanic or Latino	2753 (20)	624 (26)	271 (24)
Non Hispanic or non-Latino	10689 (79)	1753 (73)	848 (75)
Non-resident of the U.S.	134 (1)	28 (1)	18 (2)
Unknown	488 (N/A)	118 (N/A)	63 (N/A)
Recipient sex			

Refresh Date: Jun 2026

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	<u>Donor</u> N (%)	N (%)	<u>Donor Only</u> N (%)
Male	8242 (59)	1481 (59)	697 (58)
Female	5822 (41)	1042 (41)	503 (42)
Karnofsky score			
10-80	5022 (36)	989 (39)	528 (44)
90-100	8518 (61)	1458 (58)	607 (51)
Missing	524 (4)	76 (3)	65 (5)
HLA-A B DRB1 groups - low resolution			
<=3/6	3569 (26)	627 (26)	363 (34)
4/6	1055 (8)	206 (9)	114 (11)
5/6	307 (2)	58 (2)	36 (3)
6/6	8773 (64)	1503 (63)	548 (52)
Unknown	360 (N/A)	129 (N/A)	139 (N/A)
High-resolution HLA matches available out of 8			
<=5/8	4435 (33)	772 (34)	428 (44)
6/8	196 (1)	50 (2)	15 (2)
7/8	207 (2)	40 (2)	24 (2)
8/8	8454 (64)	1413 (62)	501 (52)
Unknown	772 (N/A)	248 (N/A)	232 (N/A)
HLA-DPB1 Match			
Double allele mismatch	15 (<1)	1 (<1)	4 (1)
Single allele mismatch	3768 (41)	531 (65)	308 (67)
Full allele matched	5400 (59)	280 (34)	148 (32)
Unknown	4881 (N/A)	1711 (N/A)	740 (N/A)
High resolution release score			
No	7601 (54)	2492 (99)	1182 (99)
Yes	6463 (46)	31 (1)	18 (2)
Graft type			
Marrow	4077 (29)	564 (22)	299 (25)
PBSC	9843 (70)	1908 (76)	889 (74)
UCB	2 (<1)	15 (1)	0
BM+PBSC	22 (<1)	8 (<1)	1 (<1)
BM+UCB	53 (<1)	16 (1)	4 (<1)
PBSC+UCB	1 (<1)	2 (<1)	5 (<1)
Others	66 (<1)	10 (<1)	2 (<1)
Conditioning regimen			
Myeloablative	7808 (56)	1387 (55)	613 (51)
RIC/Nonmyeloablative	6192 (44)	1122 (44)	570 (48)
TBD	64 (<1)	14 (1)	17 (1)
Donor age at donation			
To Be Determined/NA	15 (<1)	9 (<1)	2 (<1)

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	N (%)	N (%)	N (%)
0-9 years	1006 (7)	149 (6)	41 (3)
10-17 years	1192 (8)	200 (8)	82 (7)
18-29 years	2689 (19)	489 (19)	275 (23)
30-39 years	2246 (16)	457 (18)	240 (20)
40-49 years	2207 (16)	402 (16)	180 (15)
50+ years	4709 (33)	817 (32)	380 (32)
Median (Range)	39 (0-82)	39 (0-79)	38 (0-80)
Donor/Recipient CMV serostatus			
+/+	5708 (41)	1128 (45)	491 (41)
+/-	1511 (11)	212 (8)	116 (10)
-/+	3574 (25)	619 (25)	318 (27)
-/-	3022 (21)	494 (20)	236 (20)
CB - recipient +	32 (<1)	18 (1)	8 (1)
CB - recipient -	24 (<1)	15 (1)	1 (<1)
Missing	193 (1)	37 (1)	30 (3)
GvHD Prophylaxis			
No GvHD Prophylaxis	201 (1)	27 (1)	18 (2)
TDEPLETION alone	153 (1)	48 (2)	19 (2)
TDEPLETION +- other	154 (1)	47 (2)	20 (2)
CD34 select alone	91 (1)	34 (1)	12 (1)
CD34 select +- other	113 (1)	41 (2)	13 (1)
Cyclophosphamide alone	81 (1)	12 (<1)	10 (1)
Cyclophosphamide +- others	5311 (38)	891 (35)	532 (44)
FK506 + MMF +- others	914 (6)	121 (5)	36 (3)
FK506 + MTX +- others(not MMF)	4603 (33)	694 (28)	367 (31)
FK506 +- others(not MMF,MTX)	897 (6)	375 (15)	76 (6)
FK506 alone	134 (1)	23 (1)	5 (<1)
CSA + MMF +- others(not FK506)	258 (2)	45 (2)	19 (2)
CSA + MTX +- others(not MMF,FK506)	775 (6)	108 (4)	47 (4)
CSA +- others(not FK506,MMF,MTX)	83 (1)	11 (<1)	3 (<1)
CSA alone	84 (1)	11 (<1)	3 (<1)
Other GVHD Prophylaxis	195 (1)	25 (1)	19 (2)
Missing	17 (<1)	10 (<1)	1 (<1)
Donor/Recipient sex match			
Male-Male	4685 (33)	888 (35)	406 (34)
Male-Female	2984 (21)	520 (21)	261 (22)
Female-Male	3518 (25)	572 (23)	286 (24)
Female-Female	2817 (20)	507 (20)	238 (20)
CB - recipient M	35 (<1)	20 (1)	5 (<1)
CB - recipient F	21 (<1)	13 (1)	4 (<1)

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	<u>Donor</u> N (%)	N (%)	<u>Donor Only</u> N (%)
Missing	4 (<1)	3 (<1)	0
Year of transplant			
2006-2010	612 (4)	74 (3)	57 (5)
2011-2015	3719 (26)	526 (21)	216 (18)
2016-2020	5139 (37)	917 (36)	406 (34)
2021-2025	4420 (31)	947 (38)	500 (42)
2026	174 (1)	59 (2)	21 (2)
Follow-up among survivors, Months			
N Eval	9121	1642	776
Median (Range)	35 (0-150)	25 (0-124)	25 (0-148)