



WMDA GLOBAL TRENDS REPORT 2023

Summary slides

Thank you!

To all organisations that provided their data to WMDA and to our Global Trends Report supporters Orca Bio and Histogenetics.



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92% response rate

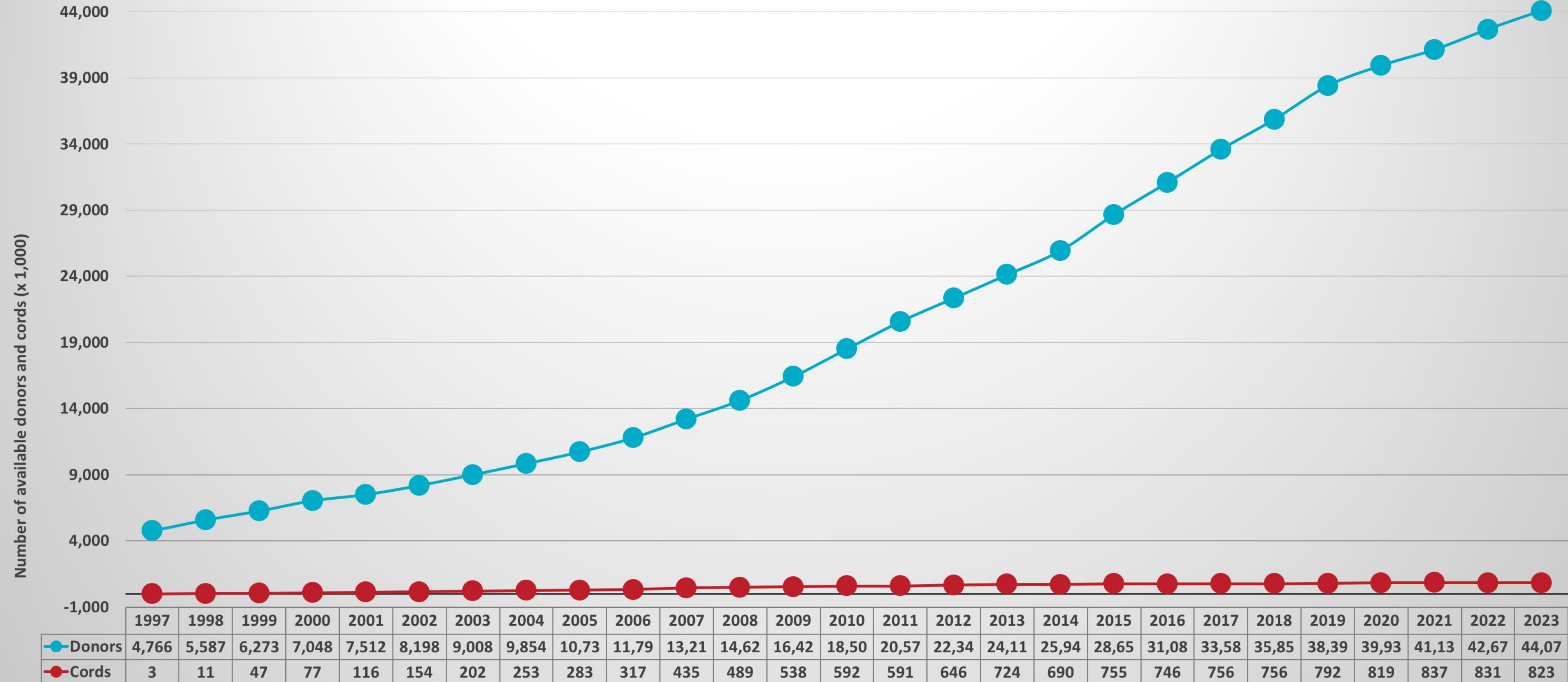


102 organisations in 60 countries

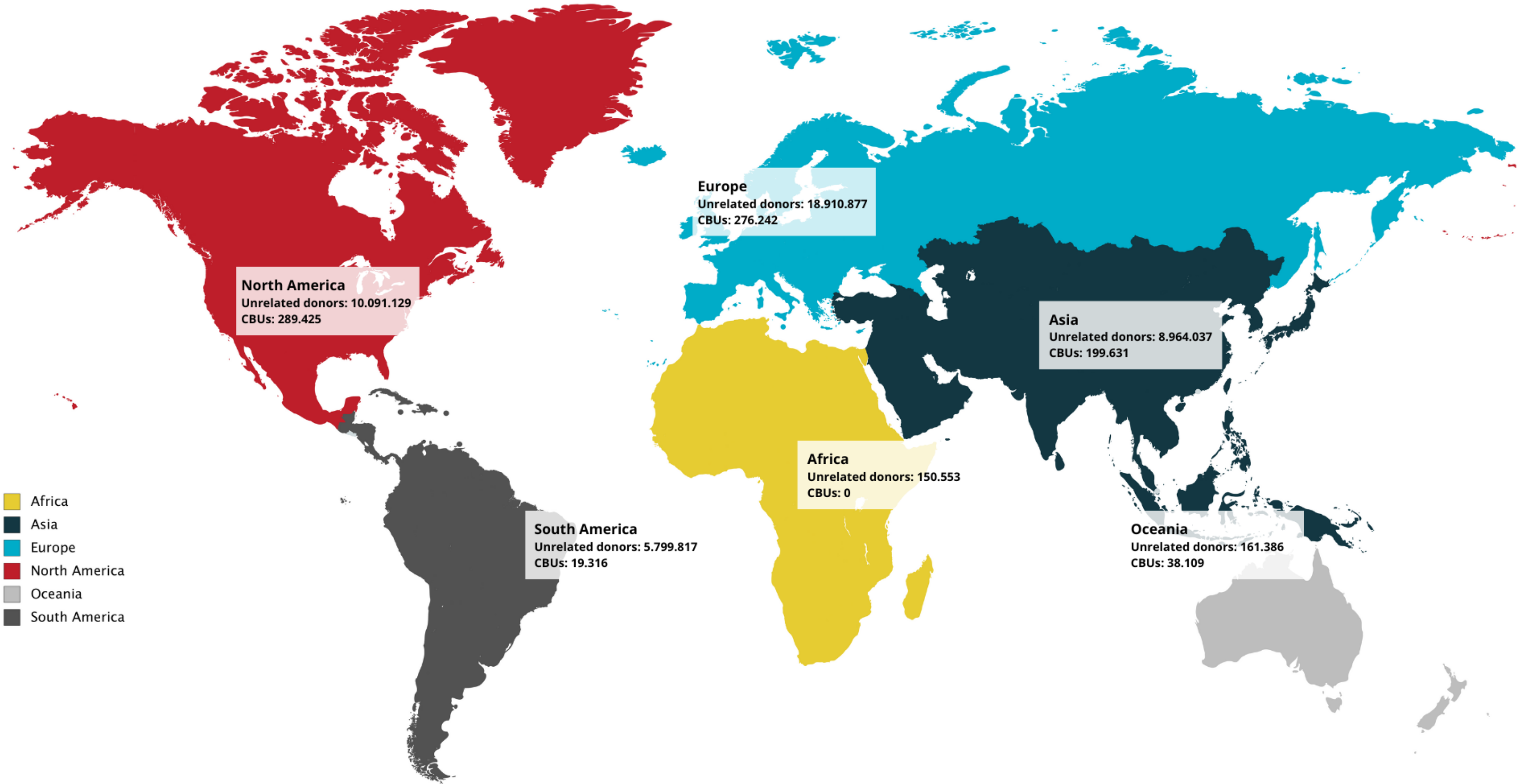


43 organisations are WMDA accredited/qualified
representing 78% of donors/CBUs in WMDA
Search & Match Service

Number of unrelated blood stem cell donors and cord blood units available worldwide 1997–2023

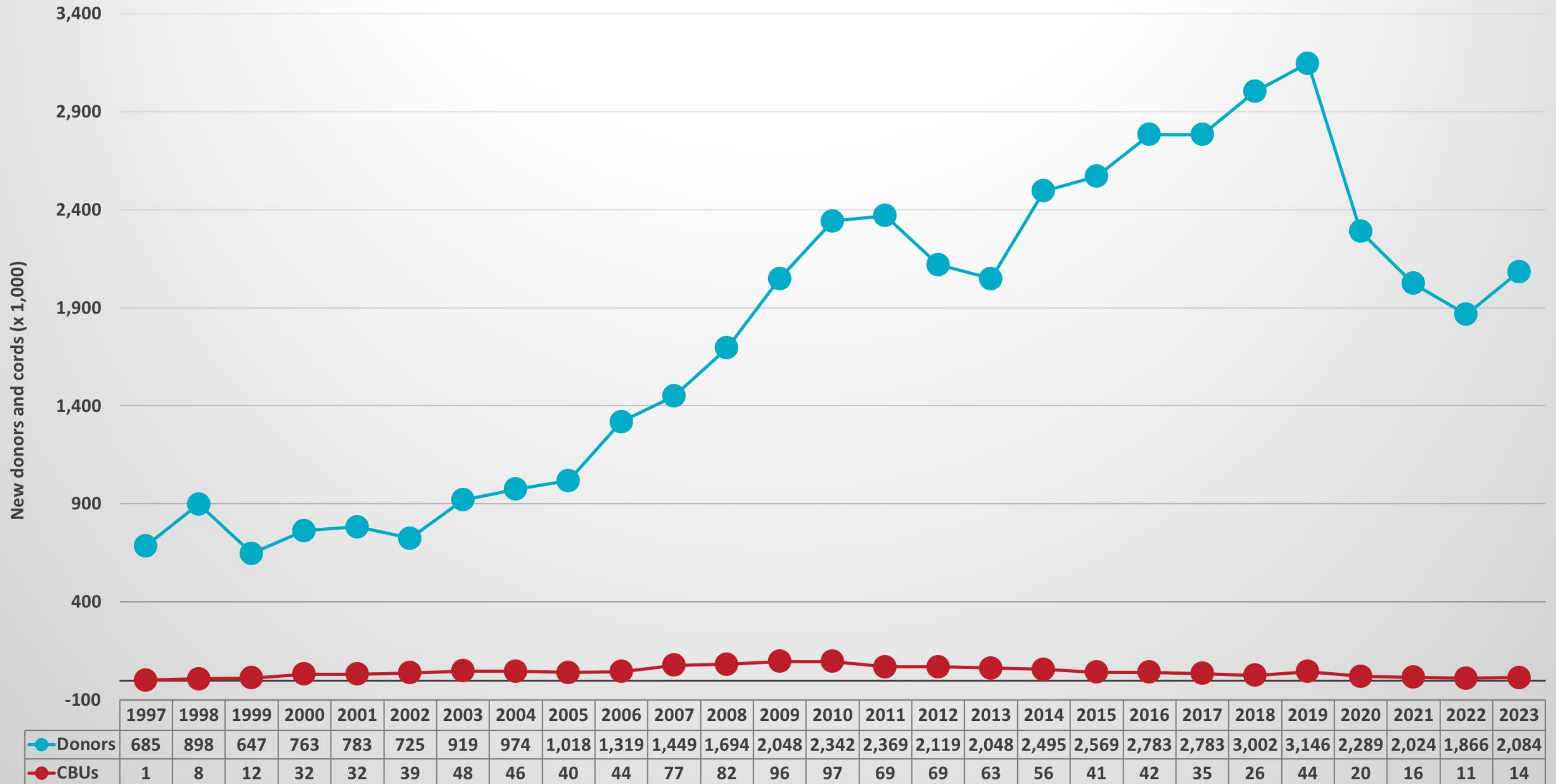


Number of unrelated blood stem cell donors and cord blood units available worldwide 1997–2023

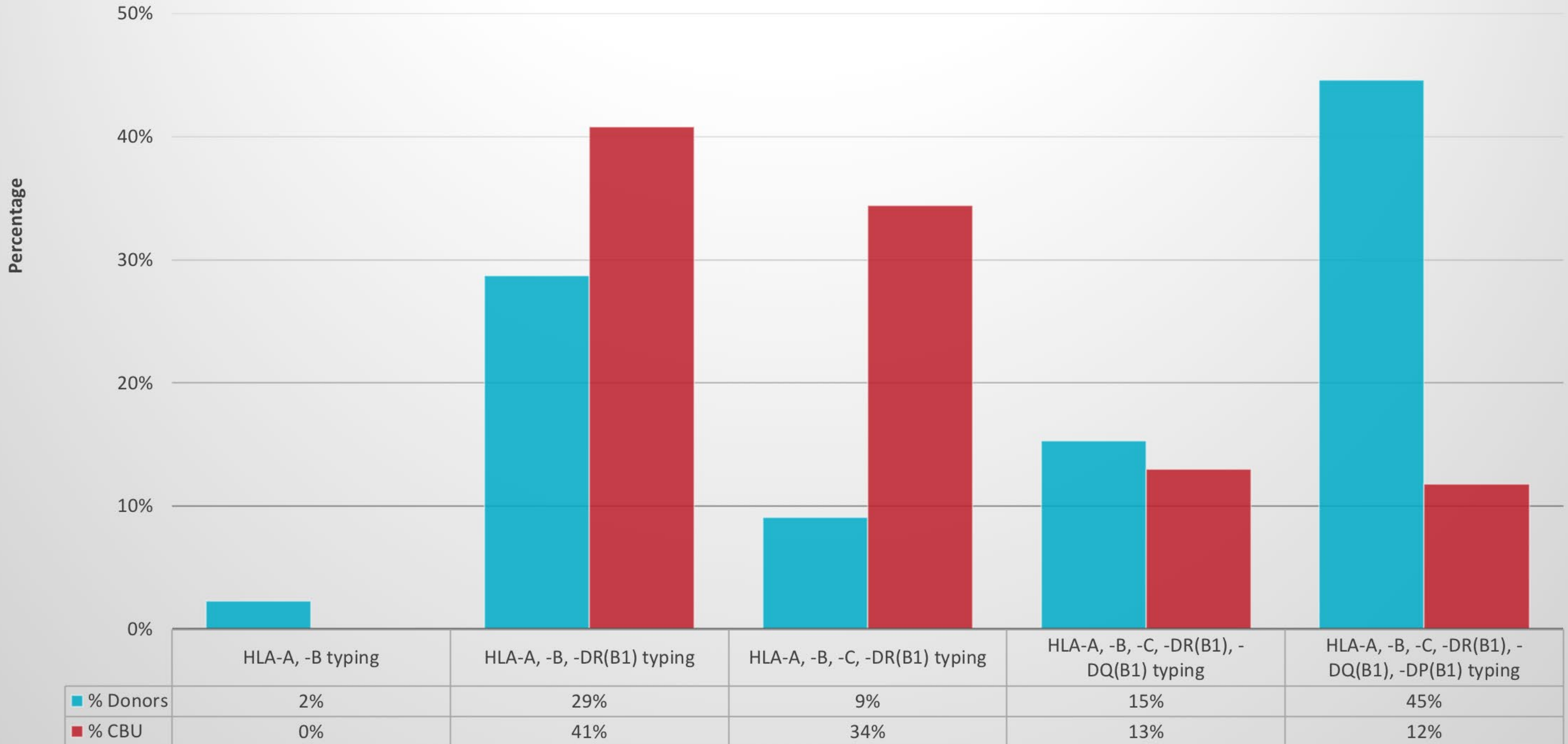


- Africa
- Asia
- Europe
- North America
- Oceania
- South America

Number of new unrelated blood stem cell donors and cord blood units added worldwide 1997–2023

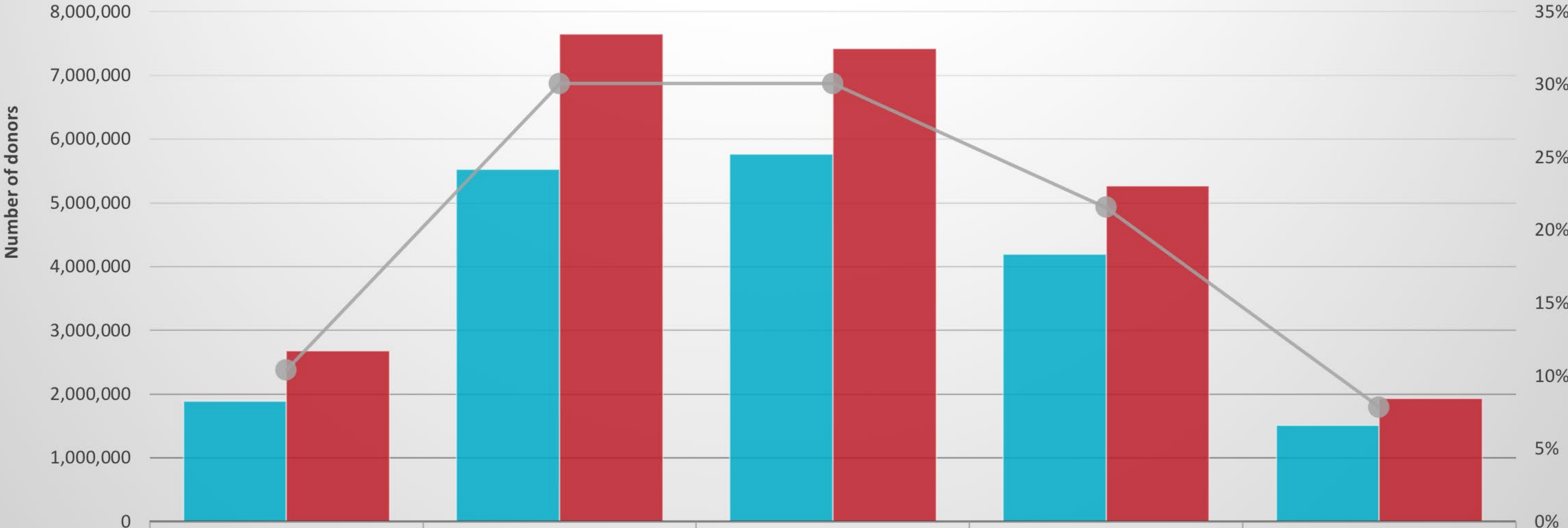


HLA typing of worldwide unrelated blood stem cells donors and cord blood units 2023



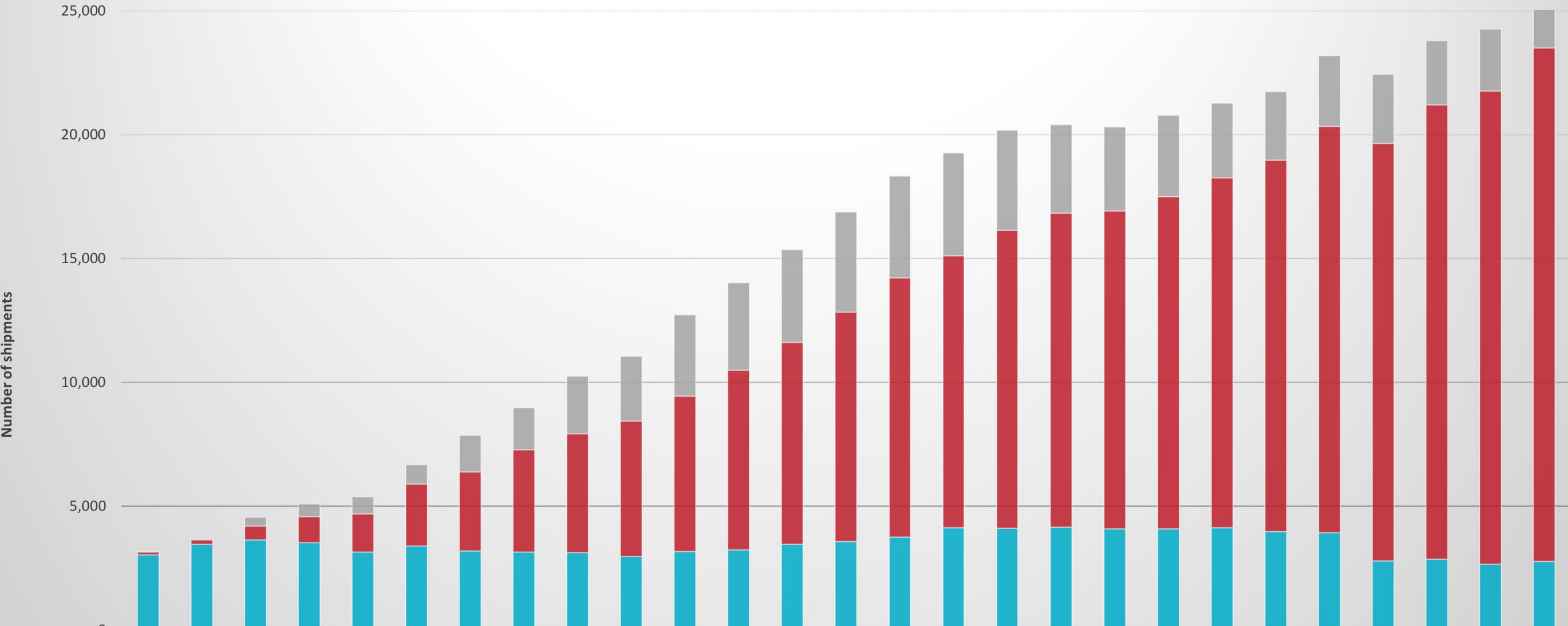
Age + gender of worldwide unrelated blood stem cells donors 2023

% of total in each age category



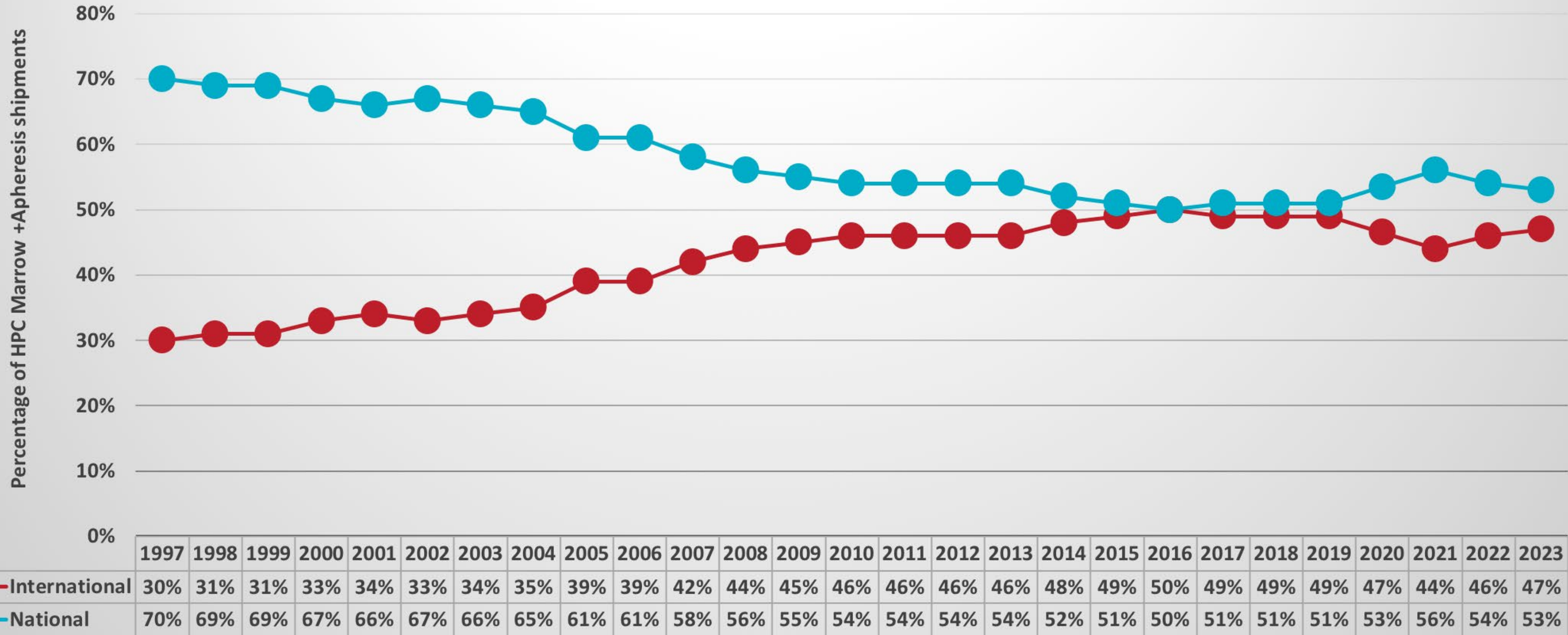
	18-25	26-35	36-45	46-55	> 55
Male	1,886,867	5,526,730	5,760,011	4,194,247	1,511,060
Female	2,674,497	7,650,439	7,423,296	5,261,037	1,936,257
% Age total	10%	30%	30%	22%	8%

Unrelated HPC marrow, HPC apheresis and HPC cords shipped worldwide 1997-2023

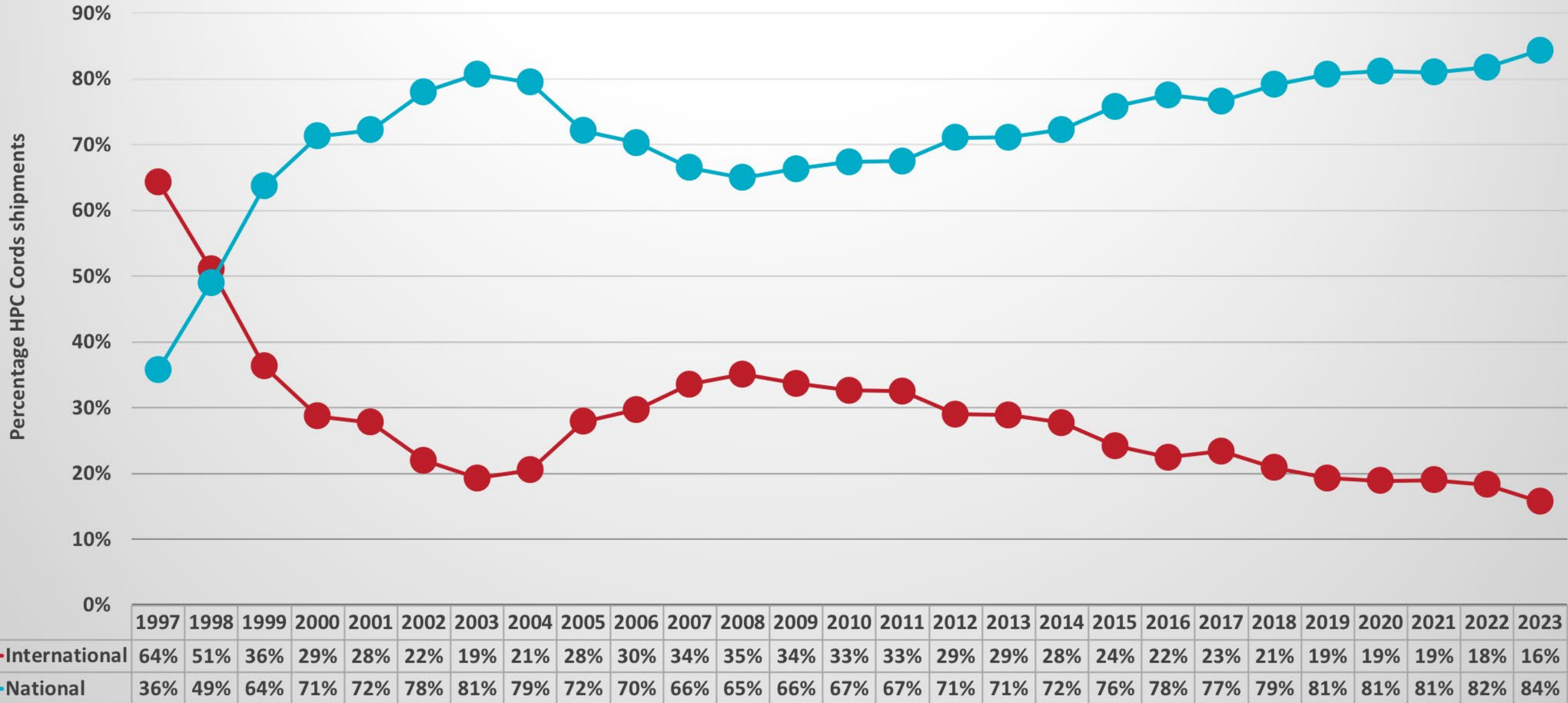


	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
■ Cords	14	49	366	508	691	796	1,466	1,703	2,336	2,622	3,276	3,523	3,760	4,047	4,110	4,150	4,040	3,579	3,413	3,274	3,001	2,783	2,865	2,783	2,584	2,492	2,330
■ Apheresis	113	170	549	1,049	1,549	2,485	3,198	4,133	4,798	5,479	6,284	7,259	8,161	9,259	10,468	10,986	12,047	12,666	12,831	13,432	14,129	14,998	16,408	16,855	18,349	19,108	20,759
■ Marrow	3,033	3,461	3,638	3,514	3,136	3,392	3,187	3,132	3,111	2,952	3,155	3,221	3,441	3,574	3,744	4,126	4,091	4,150	4,073	4,068	4,128	3,964	3,926	2,788	2,857	2,659	2,750

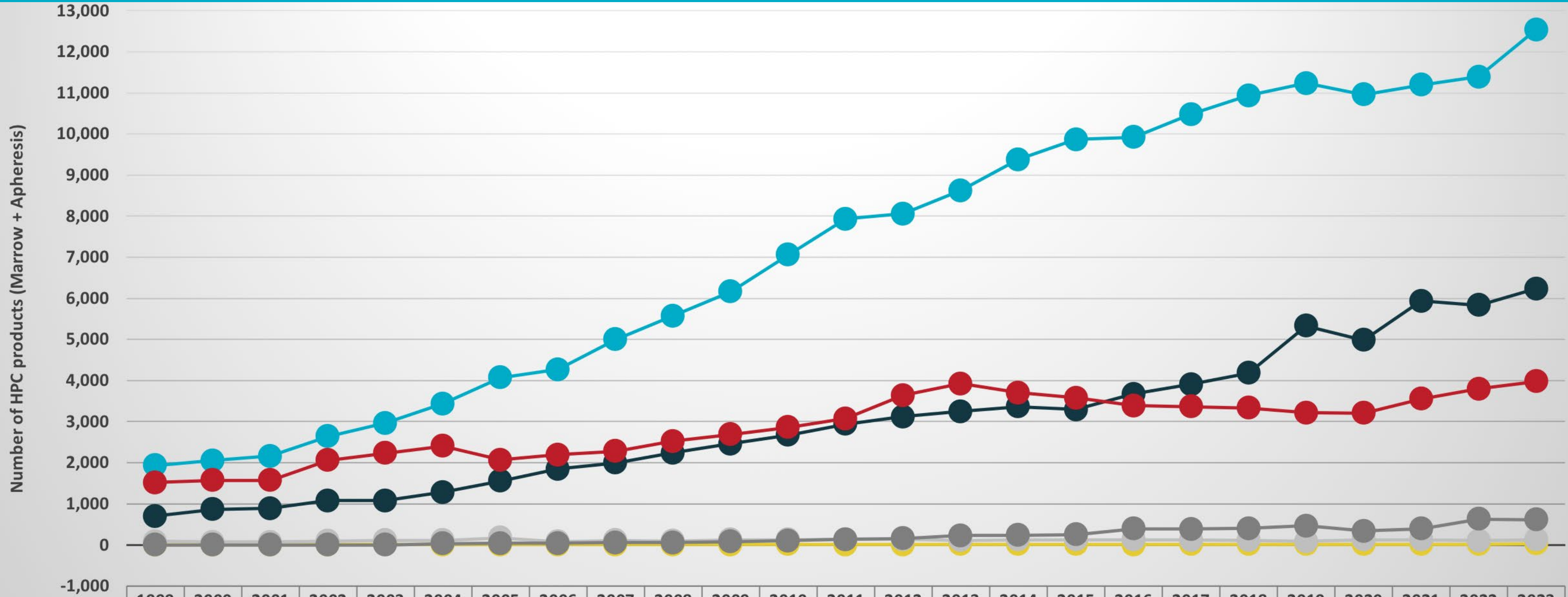
Percentage of HPC products (marrow/apheresis) provided worldwide for national and international patients 1997-2023



Percentage of HPC products (cords) provided worldwide for national and international patients 1997–2023

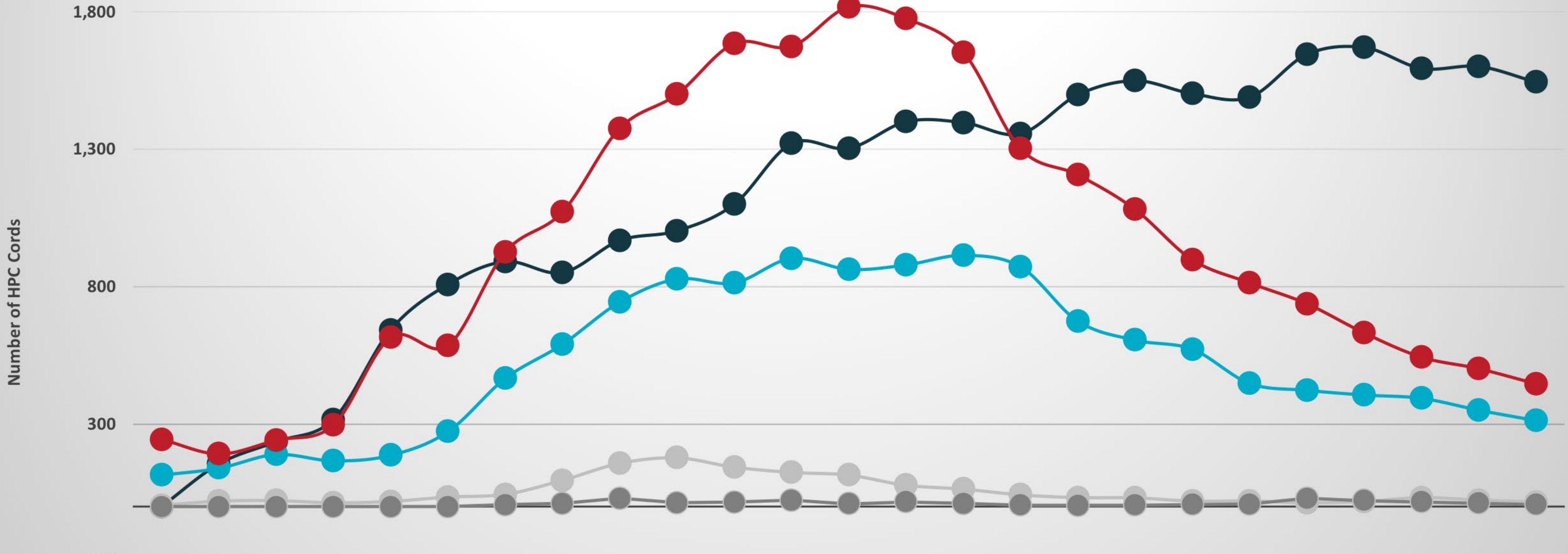


Shipments of HPC products (marrow/apheresis) provided by continent 1999–2023



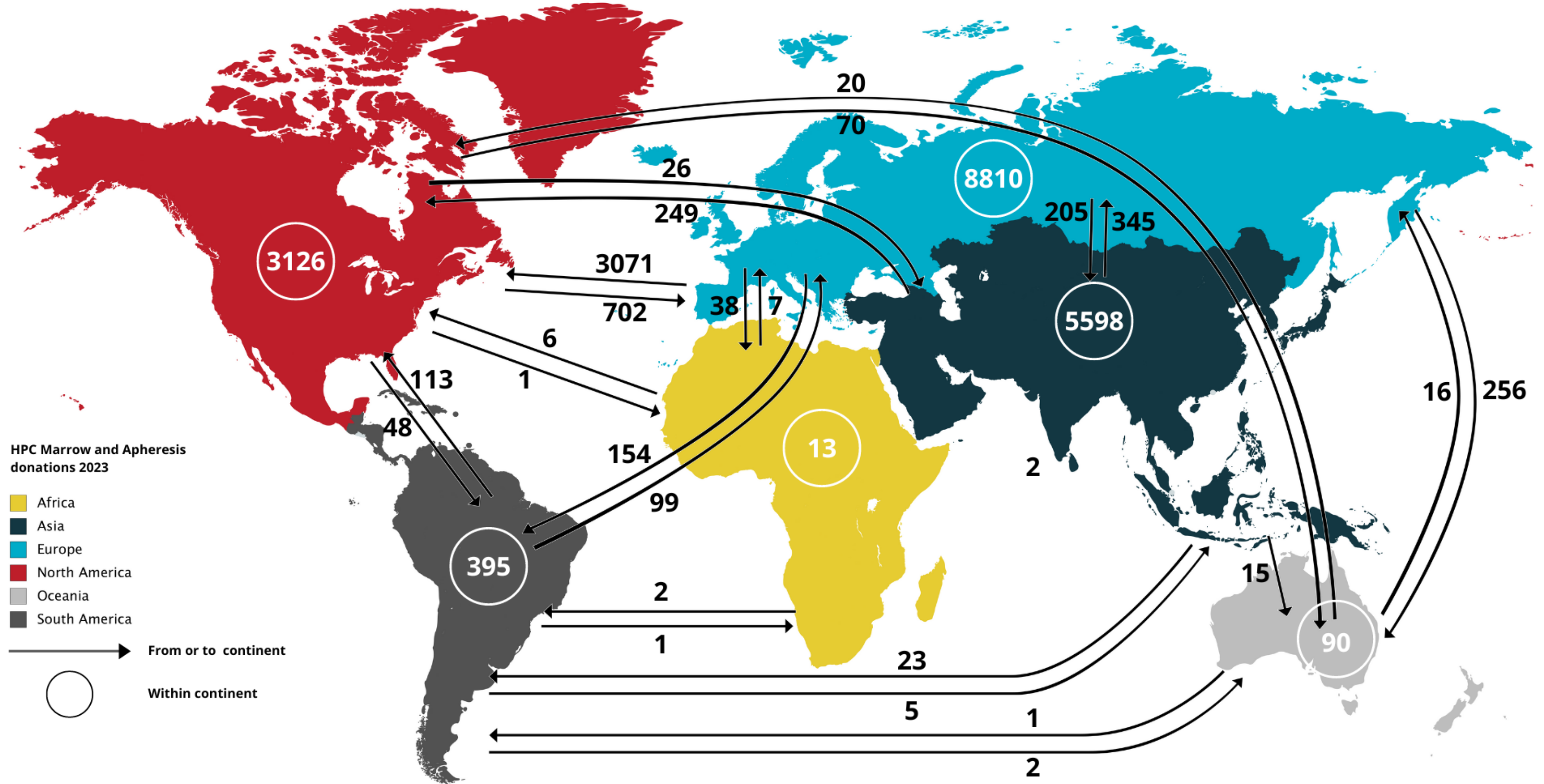
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
 Africa	1	4	0	3	14	6	4	6	3	5	8	13	9	9	13	11	11	10	13	15	12	11	18	16	28
 Asia	701	867	884	1,079	1,074	1,280	1,558	1,846	1,996	2,236	2,457	2,672	2,940	3,116	3,242	3,362	3,294	3,670	3,903	4,184	5,327	4,982	5,931	5,833	6,230
 Europe	1,930	2,047	2,162	2,643	2,961	3,436	4,069	4,268	4,999	5,575	6,162	7,056	7,930	8,060	8,626	9,378	9,863	9,916	10,481	10,930	11,232	10,958	11,196	11,390	12,534
 North America	1,516	1,572	1,570	2,056	2,228	2,407	2,067	2,196	2,279	2,519	2,688	2,864	3,069	3,638	3,919	3,701	3,573	3,386	3,362	3,331	3,212	3,208	3,549	3,796	3,973
 Oceania	84	73	69	96	108	106	169	78	107	91	126	125	132	132	111	127	124	128	114	106	87	124	121	104	127
 South America	0	0	0	0	0	30	42	37	55	54	79	103	132	157	227	237	249	390	384	396	464	340	391	628	615

Shipments of HPC products (cord) provided by continent 1999–2023



	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Asia	0	155	236	317	643	808	891	851	968	1,003	1,100	1,321	1,303	1,400	1,397	1,356	1,498	1,549	1,502	1,489	1,645	1,670	1,594	1,601	1,544
Europe	116	141	191	168	188	274	467	591	744	828	814	903	863	879	914	872	675	606	573	449	424	407	395	352	314
North America	245	192	242	297	616	586	926	1,072	1,376	1,500	1,685	1,674	1,818	1,775	1,653	1,302	1,207	1,081	898	814	738	632	544	502	447
Oceania	5	20	22	14	19	35	45	96	158	178	144	125	115	78	64	43	33	32	20	21	14	19	33	24	17
South America	0	0	0	0	0	0	7	12	30	14	17	24	11	18	12	6	5	6	8	10	30	22	18	13	8

Global exchange of HPC products (marrow/apheresis) 2023



Global exchange of HPC products (cord) 2023

