

## WMDA GLOBAL TRENDS REPORT 2020

Summary slides





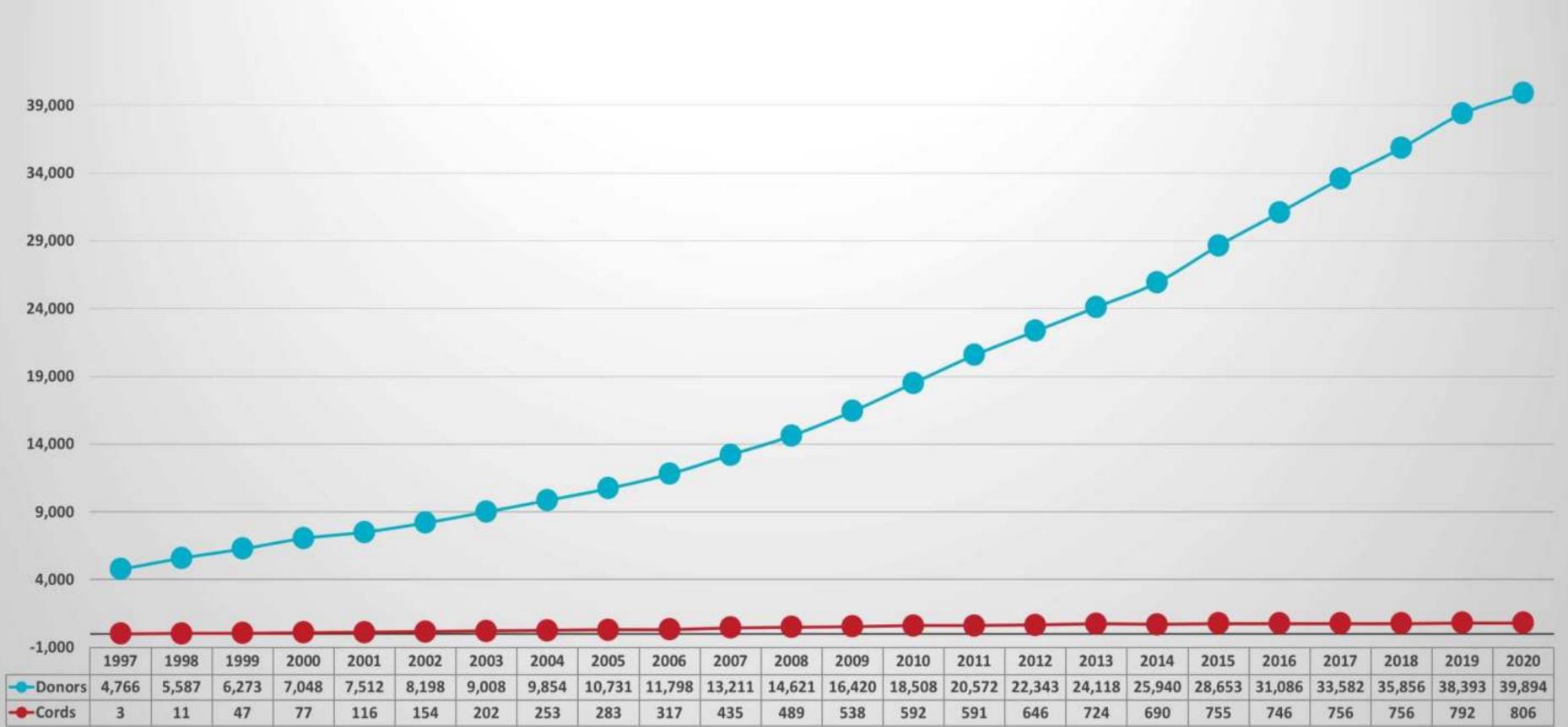
### To all organisations that provided their data to WMDA and to our Global Trends Report supporter DKMS

# DKMSE Life Science Lab





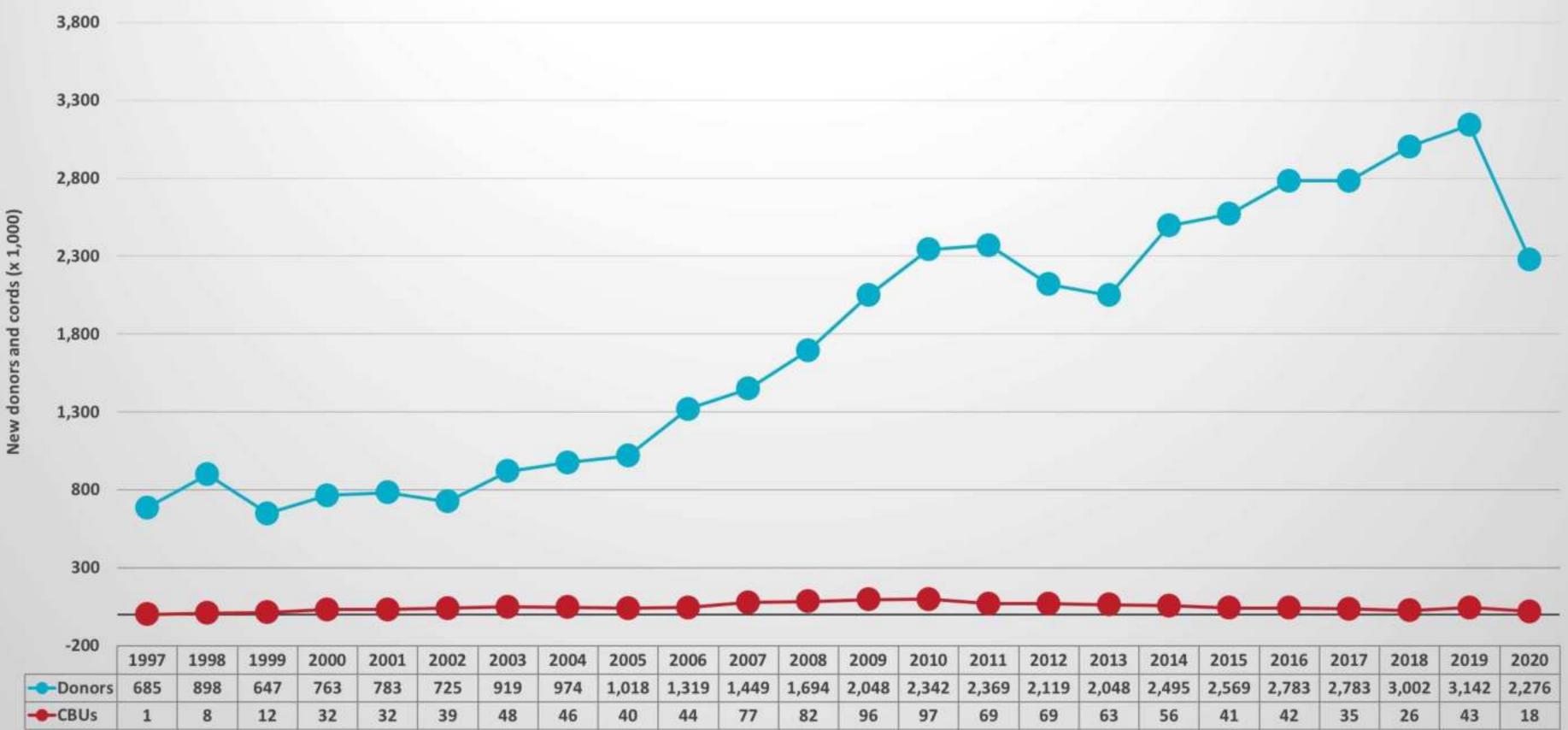
#### Number of unrelated blood stem cells donors and cord blood units available worldwide from 1997-2020



011	2012	2013	2014	2015	2016	2017	2018	2019	2020
,572	22,343	24,118	25,940	28,653	31,086	33,582	35,856	38,393	39,894
591	646	724	690	755	746	756	756	792	806



#### Number of new unrelated blood stem cells donors and cord blood units added worldwide from 1997-2020

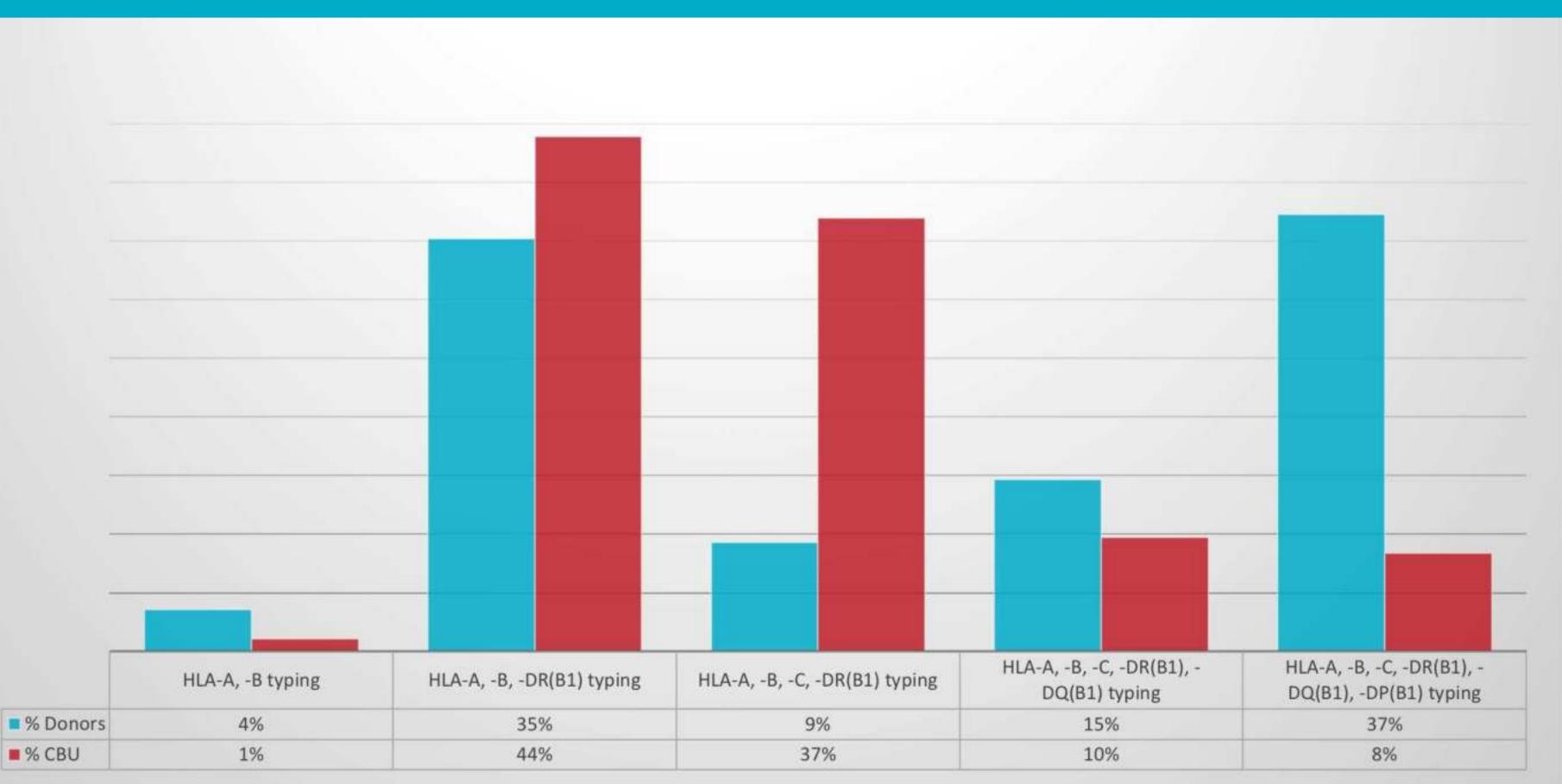


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011	2012	2013	2014	2015	2016	2017	2018	2019	2020
369	2,119	2,048	2,495	2,569	2,783	2,783	3,002	3,142	2,276
69	69	63	56	41	42	35	26	43	18

### HLA typing of worldwide unrelated blood stem cells donors and cord blood units in 2020



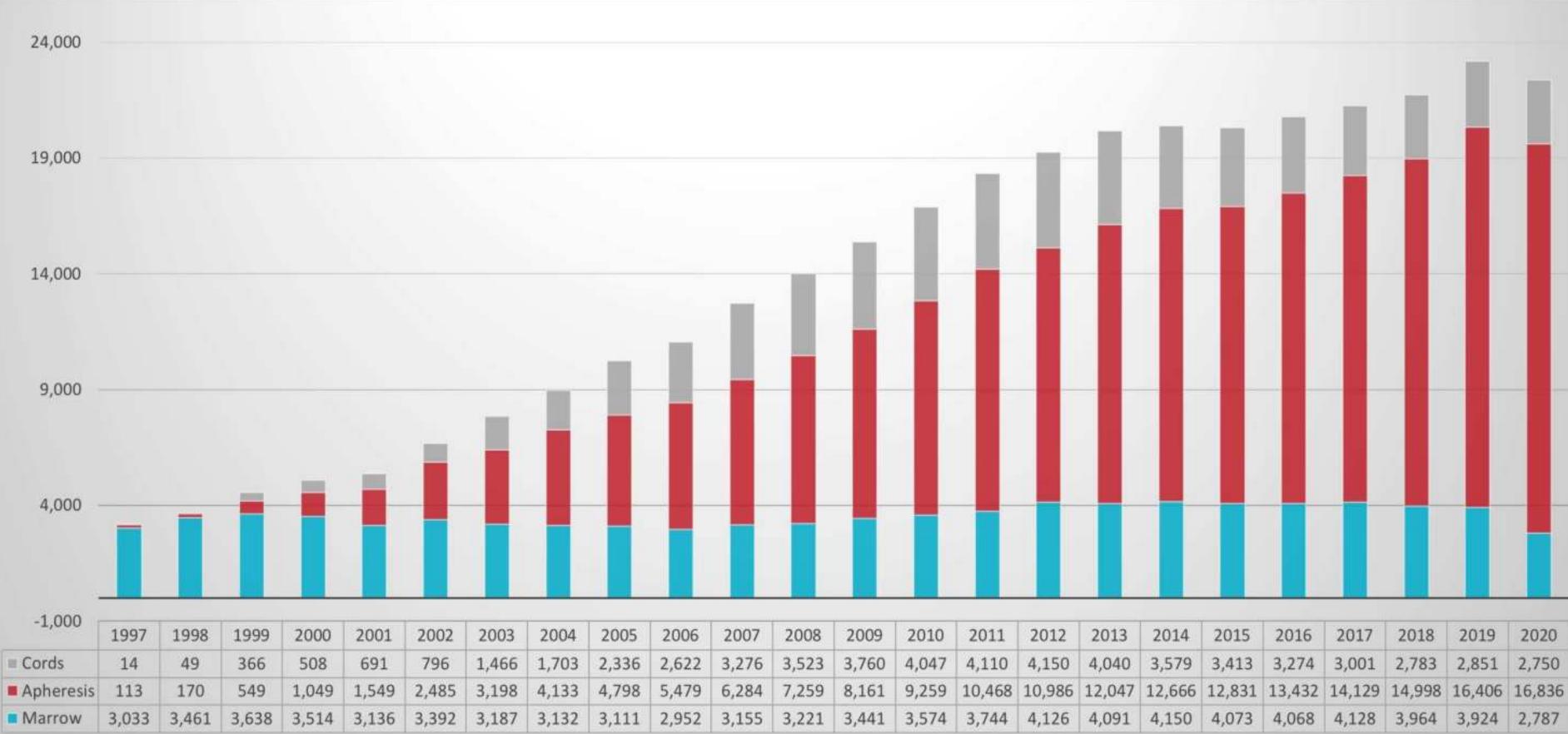








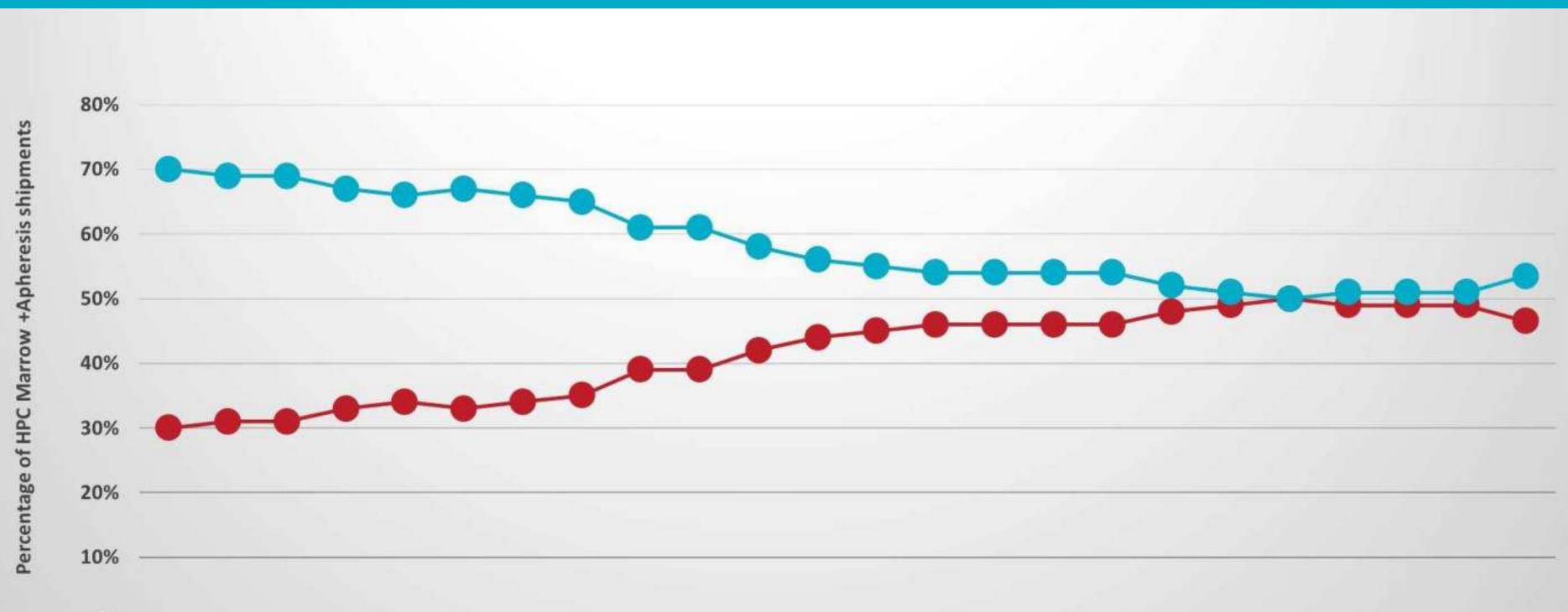
#### **Unrelated HPC marrow, HPC apheresis and HPC cords** shipped from 1997-2020



2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
4,110	4,150	4,040	3,579	3,413	3,274	3,001	2,783	2,851	2,750
0,468	10,986	12,047	12,666	12,831	13,432	14,129	14,998	16,406	16,836
3,744	4,126	4,091	4,150	4,073	4,068	4,128	3,964	3,924	2,787



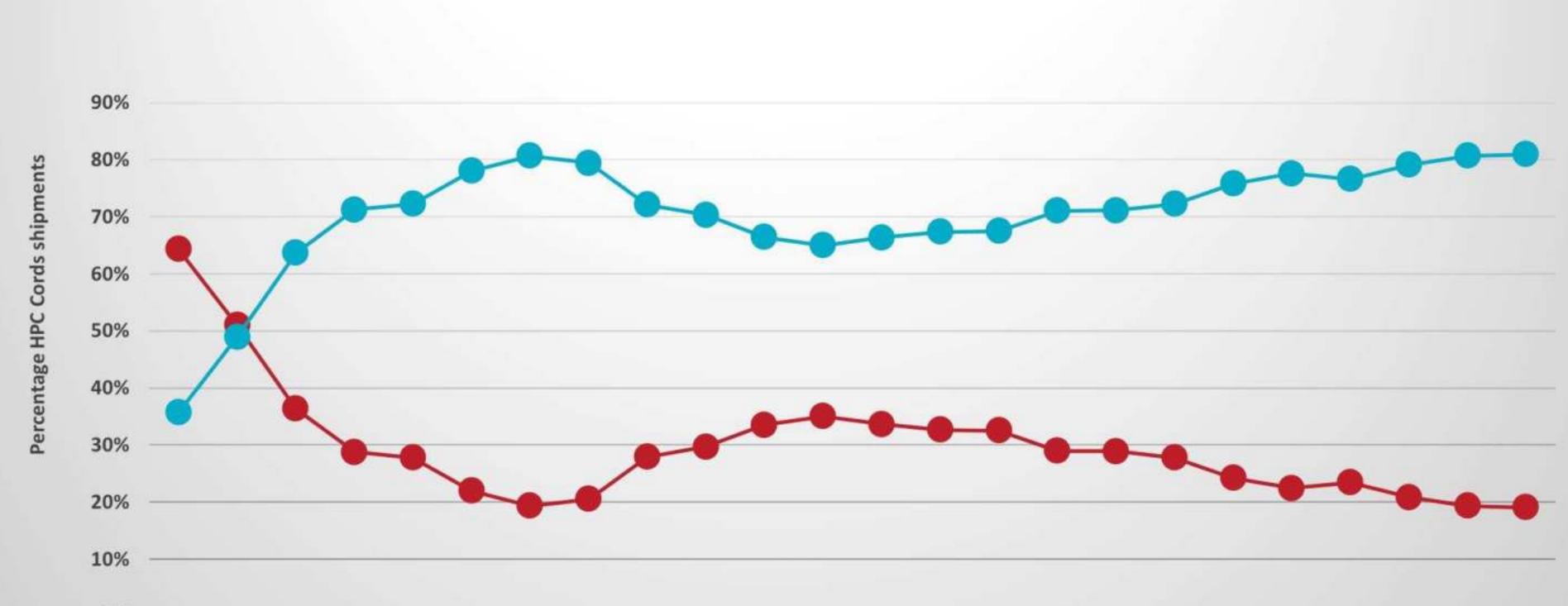
#### Percentage of HPC products (marrow + apheresis) provided for national and international patients from 1997-2020



0%		_																			_			
076	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
International	30%	31%	31%	33%	34%	33%	34%	35%	39%	39%	42%	44%	45%	46%	46%	46%	46%	48%	49%	50%	49%	49%	49%	47%
National	70%	69%	69%	67%	66%	67%	66%	65%	61%	61%	58%	56%	55%	54%	54%	54%	54%	52%	51%	50%	51%	51%	51%	53%



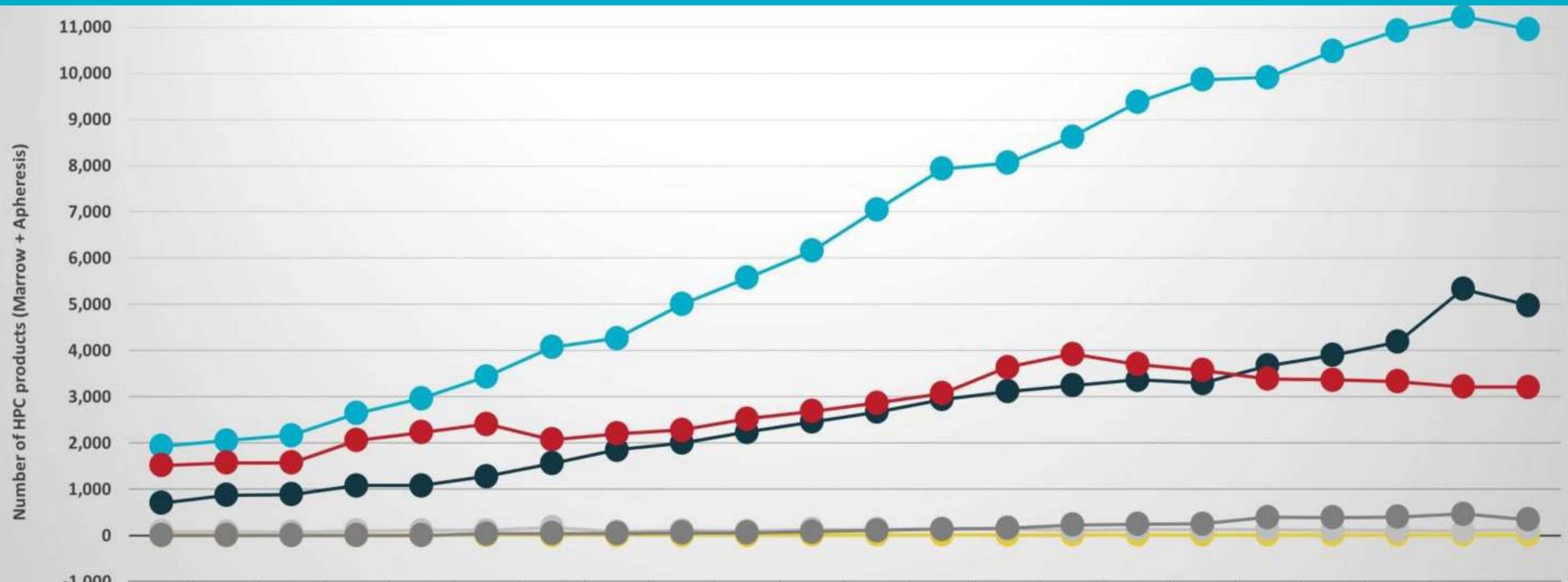
#### Percentage of HPC products (cord) provided for national and international patients from 1997-2020



0%				_	_													_						
076	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
International	64%	51%	36%	29%	28%	22%	19%	21%	28%	30%	34%	35%	34%	33%	33%	29%	29%	28%	24%	22%	23%	21%	19%	19%
National	36%	49%	64%	71%	72%	78%	81%	79%	72%	70%	66%	65%	66%	67%	67%	71%	71%	72%	76%	78%	77%	79%	81%	81%



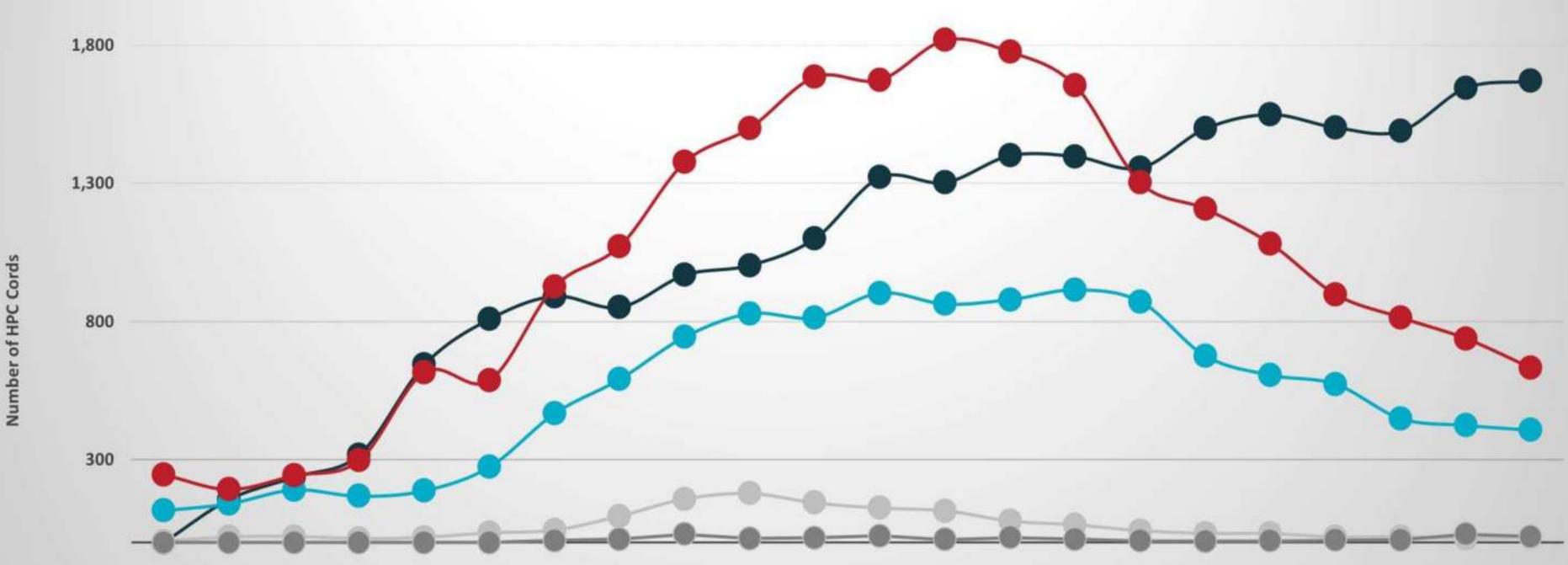
### Shipments of HPC products (marrow + apheresis) provided by the continents from 1999-2020



-1,000	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Africa	1	4	0	3	14	6	4	6	3	5	8	13	9	9	13	11	11	10	13	15	12	11
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
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
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
Oceania	84	73	69	96	108	106	169	78	107	91	126	125	132	132	111	127	124	128	114	106	87	124
South America	0	0	0	0	0	30	42	37	55	54	79	103	132	157	227	237	249	390	384	396	464	340





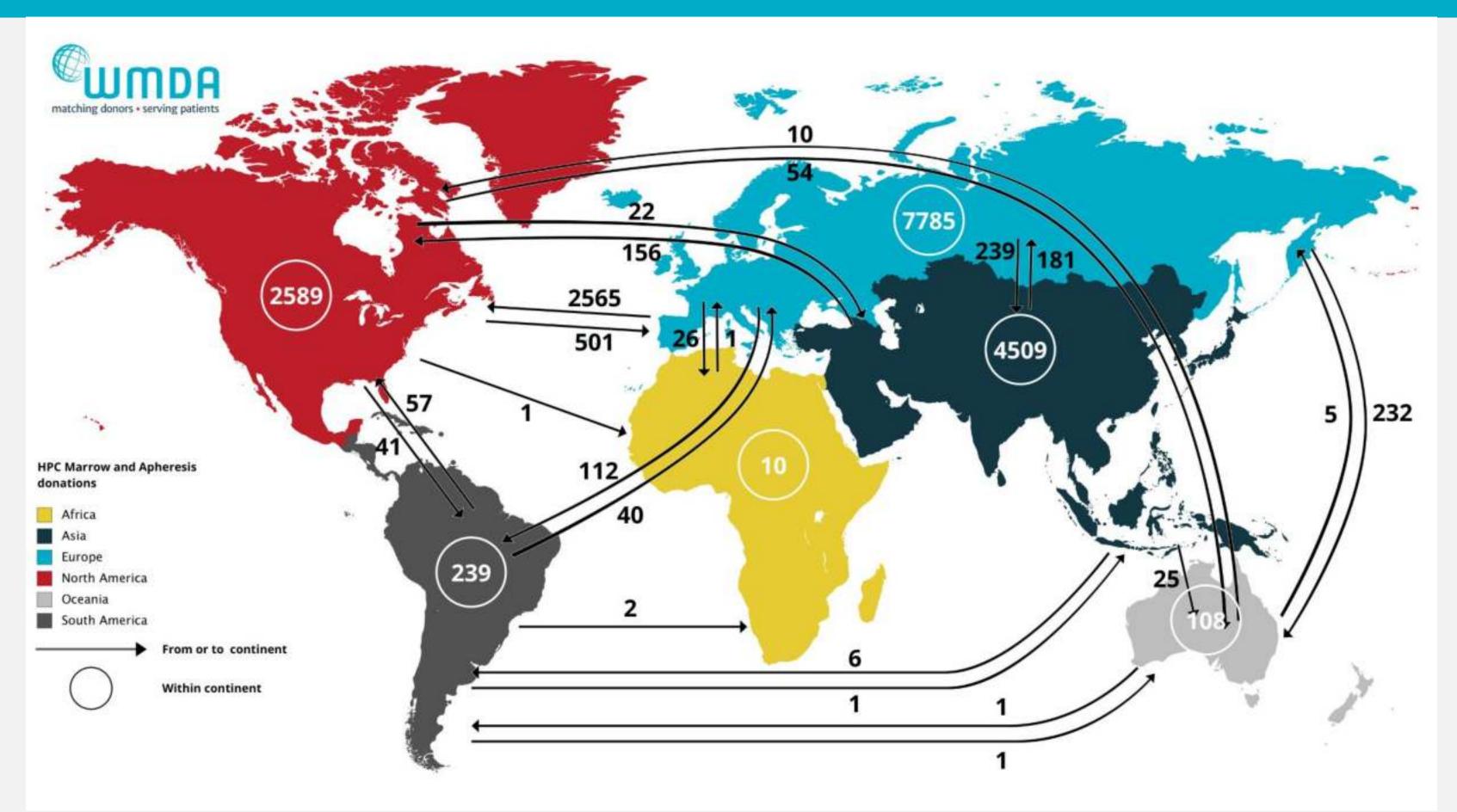


200																						
-200	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Asia	0	155	236	317	643	808	891	851	968	1,003	1,100	1,321	1,303	1,400	1,397	1,356	1,498	1,549	1,502	1,489	1,645	1,670
Europe	116	141	191	168	188	274	467	591	744	828	814	903	863	879	914	872	675	606	573	449	424	407
	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
Oceania	5	20	22	14	19	35	45	96	158	178	144	125	115	78	64	43	33	32	20	21	14	19
-@-South America	0	0	0	0	0	0	7	12	30	14	17	24	11	18	12	6	5	6	8	10	30	22

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### Global exchange of HPC products (marrow + apheresis) in 2020





#### **Global exchange of HPC cords in 2020**

