



WMDA GLOBAL TRENDS REPORT 2023

WMDA Search & Match Service

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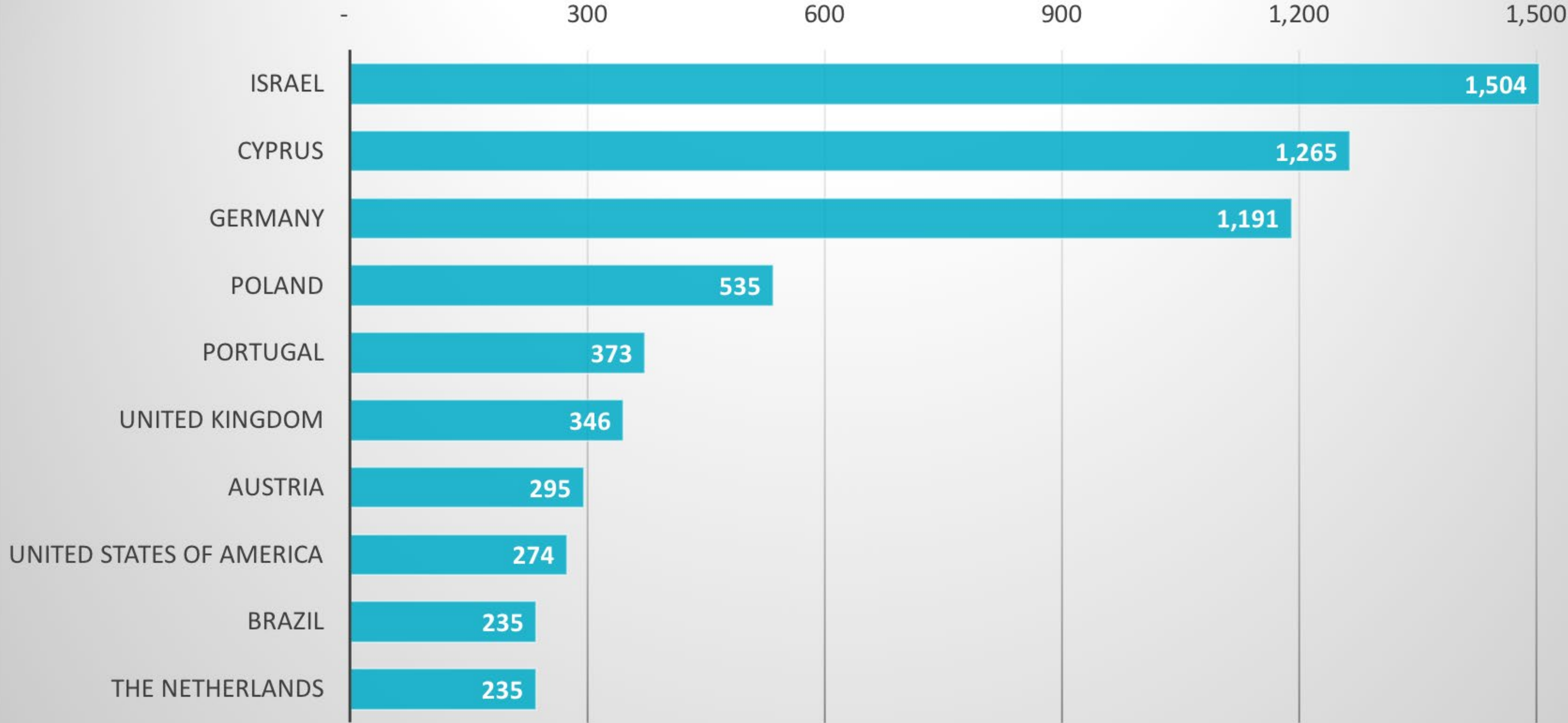
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Unrelated donors listed per 10,000 inhabitants (country, top 10)

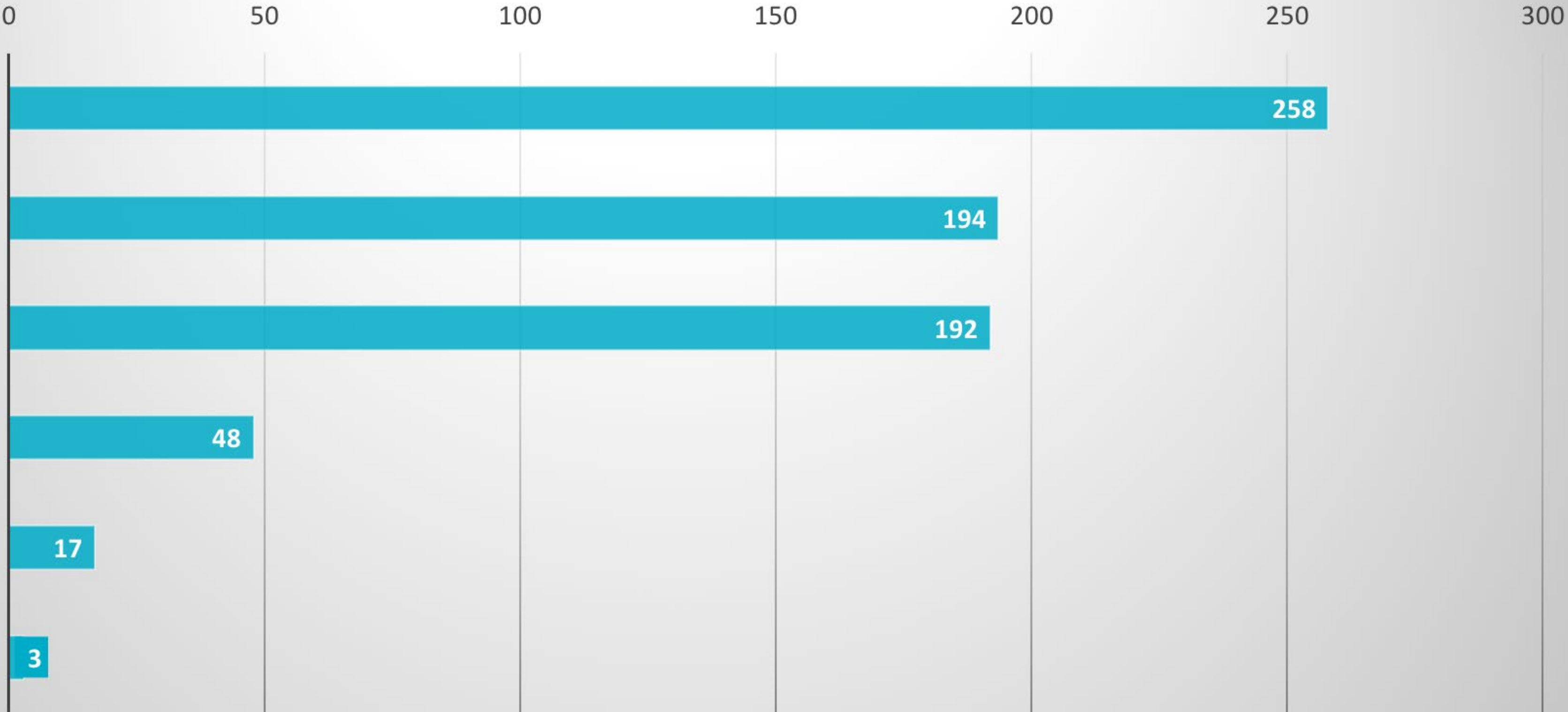
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■ HLA ABDR typed donors / 10,000 inhabitants

Unrelated donors listed per 10,000 inhabitants (continent)

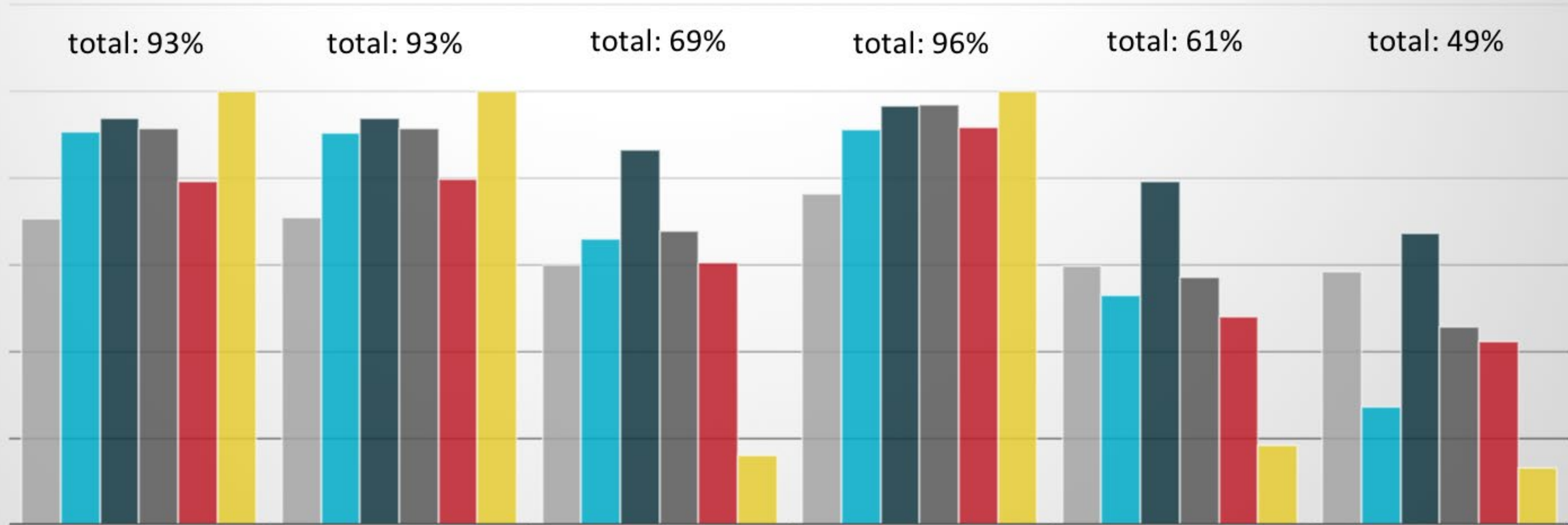
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■ HLA ABDR typed donors / 10,000 inhabitants

Percentage HLA DNA typed unrelated donors (per loci)

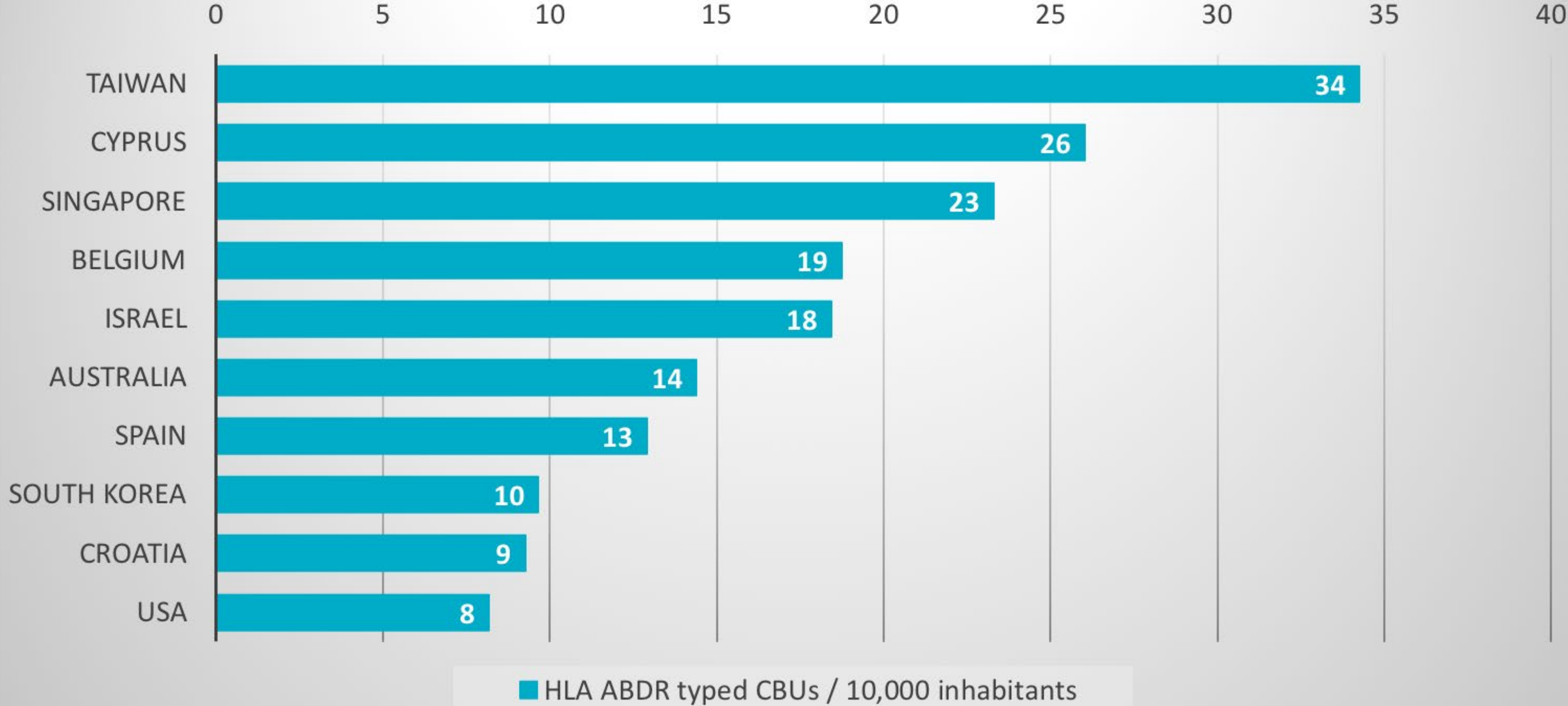
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	% HLA-A	% HLA-B	% HLA-C	% HLA-DRB1	% HLA-DQB1	% HLA-DPB1
■ Africa	71%	71%	60%	76%	60%	59%
■ Asia	91%	90%	66%	91%	53%	27%
■ Europe	94%	94%	86%	97%	79%	67%
■ North America	92%	92%	68%	97%	57%	46%
■ Oceania	79%	80%	60%	92%	48%	42%
■ South America	100%	100%	16%	100%	18%	13%

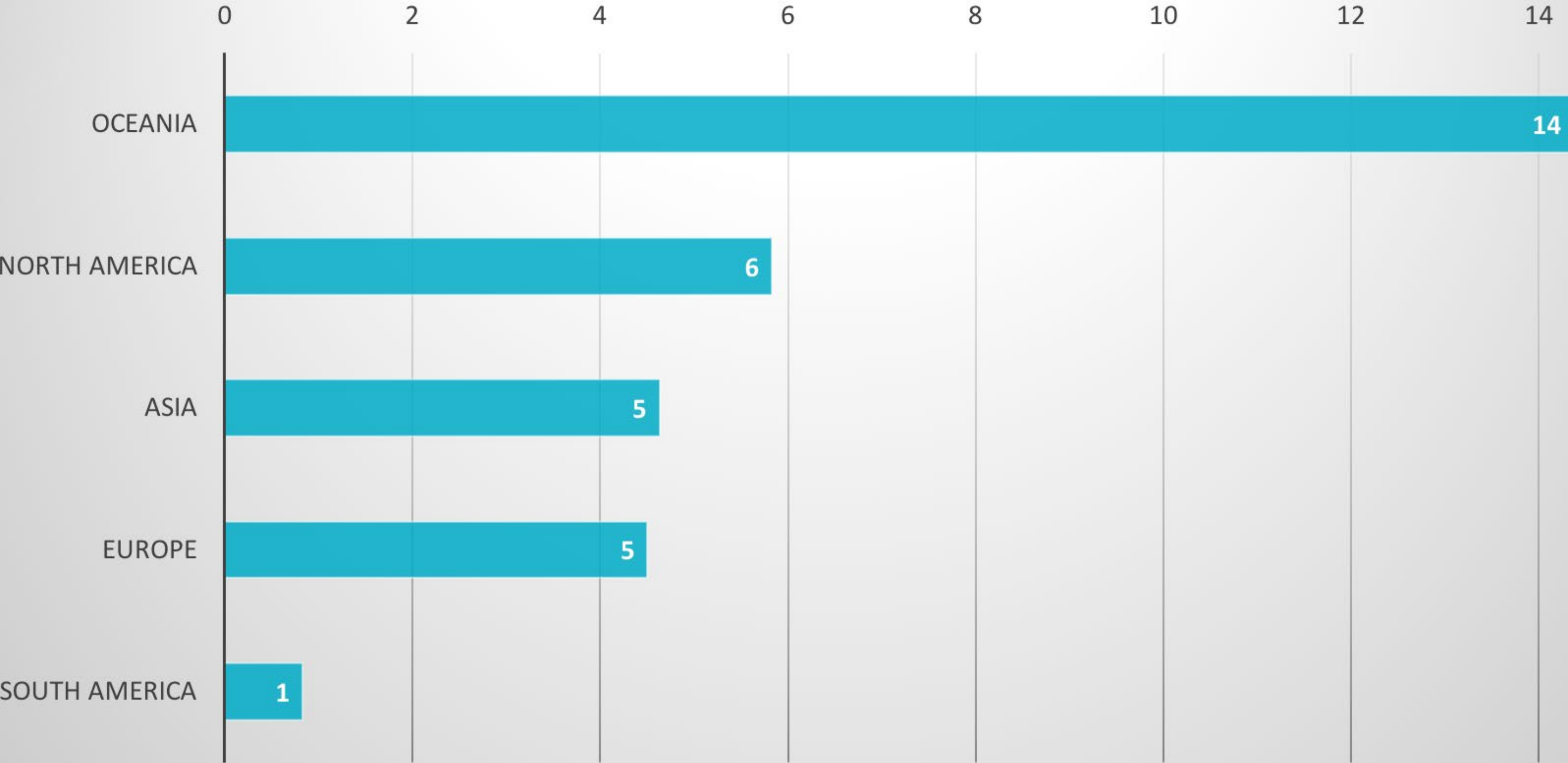
Cord blood units listed per 10,000 inhabitants (country, top 10)

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Cord blood units listed per 10,000 inhabitants (continent)

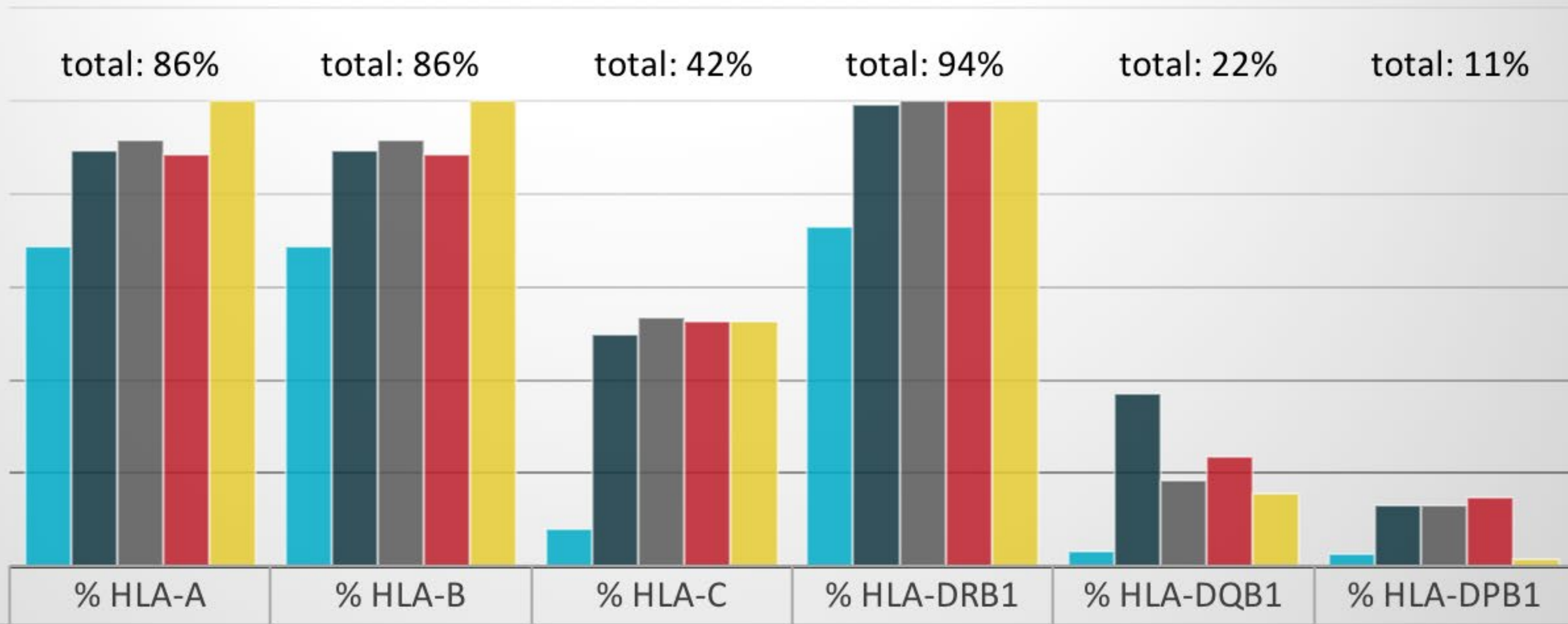
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■ HLA ABDR typed CBU / 10,000 inhabitants

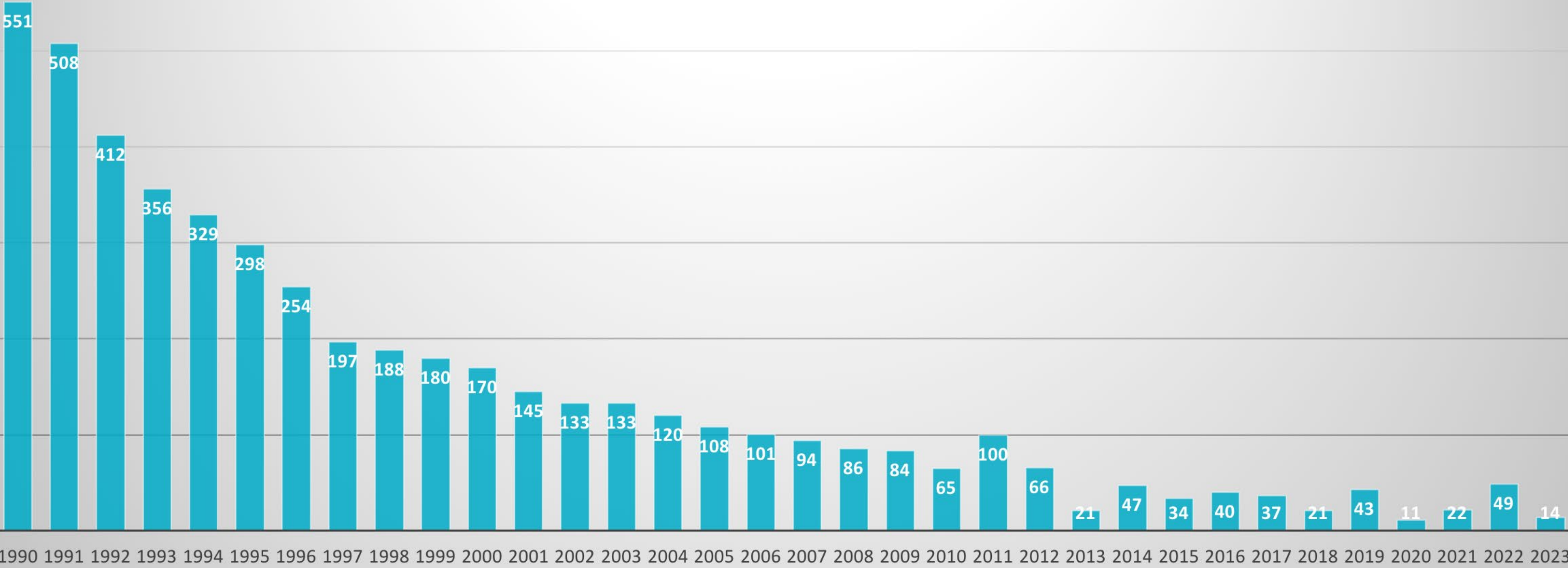
Percentage HLA DNA typed cord blood units (per loci)

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■ Asia	69%	69%	8%	73%	3%	3%
■ Europe	89%	89%	50%	99%	37%	13%
■ North America	91%	91%	53%	100%	18%	13%
■ Oceania	88%	88%	53%	100%	24%	15%
■ South America	100%	100%	52%	100%	15%	2%

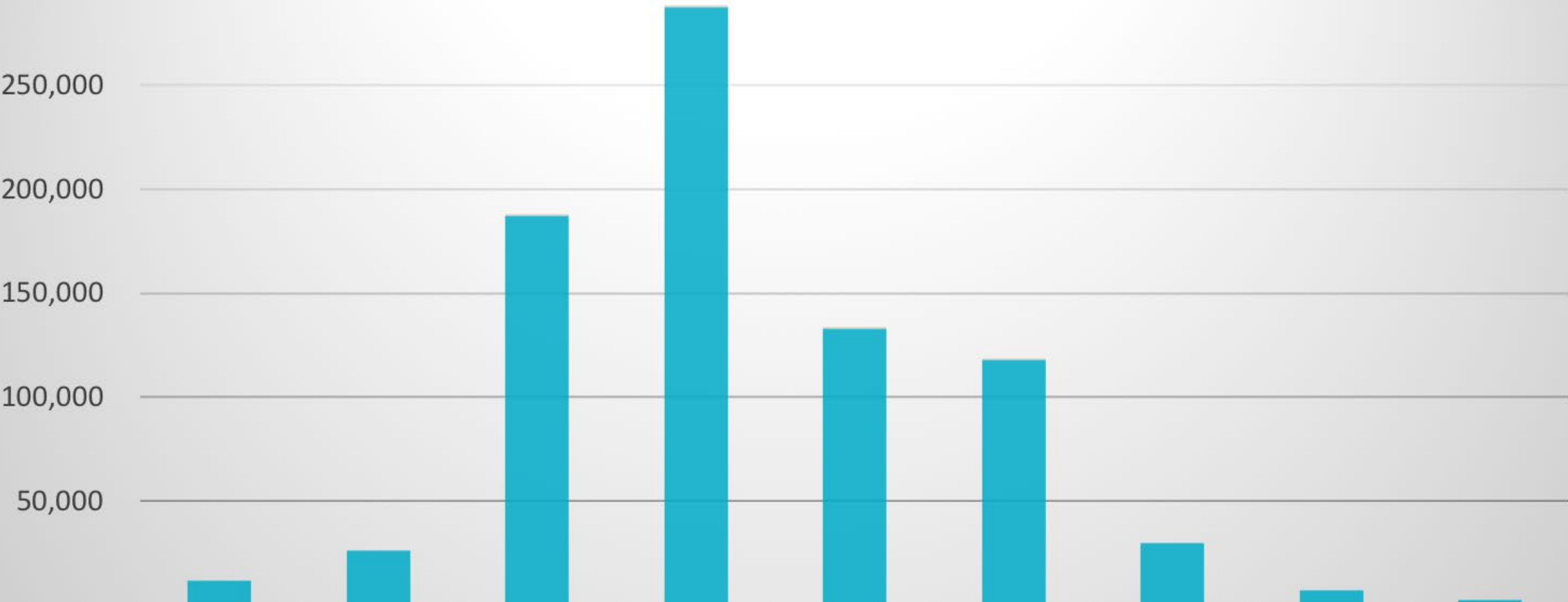
Unique HLA ABDR split unrelated donors/cord blood units added WMDA Search & Match Service 2023



■ New unique HLA-A, -B, -DR split typed donors/CBU per thousand donors/CBU available

TNC range (10*7) of listed cord blood units

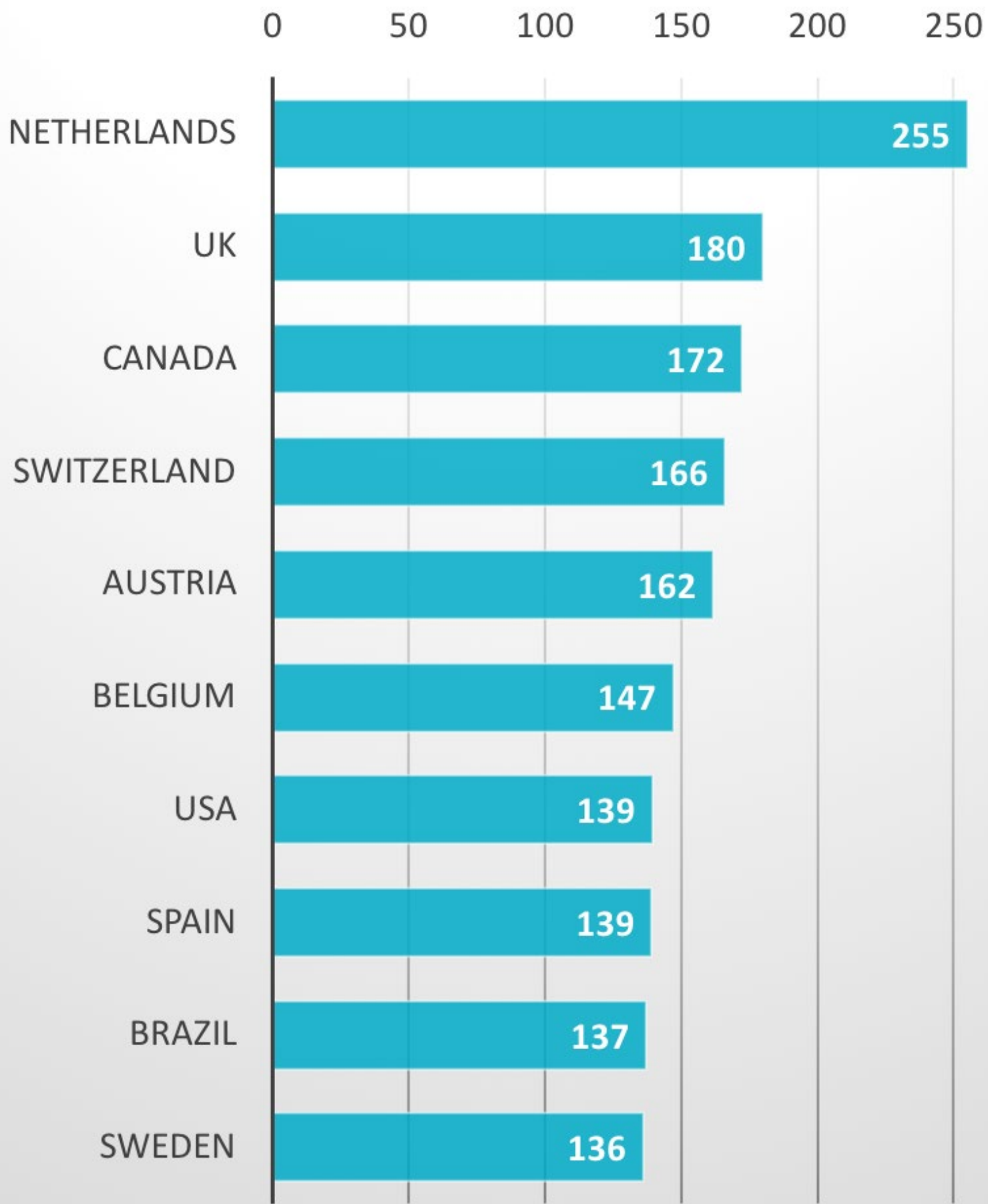
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	NA	<49	50-89	90-124	125-149	150-199	200-249	250-299	>300
%	1.5%	3.3%	23.3%	35.7%	16.6%	14.7%	3.7%	0.9%	0.4%
N	11,848	26,563	187,350	287,776	133,461	118,442	29,885	7,331	2,878

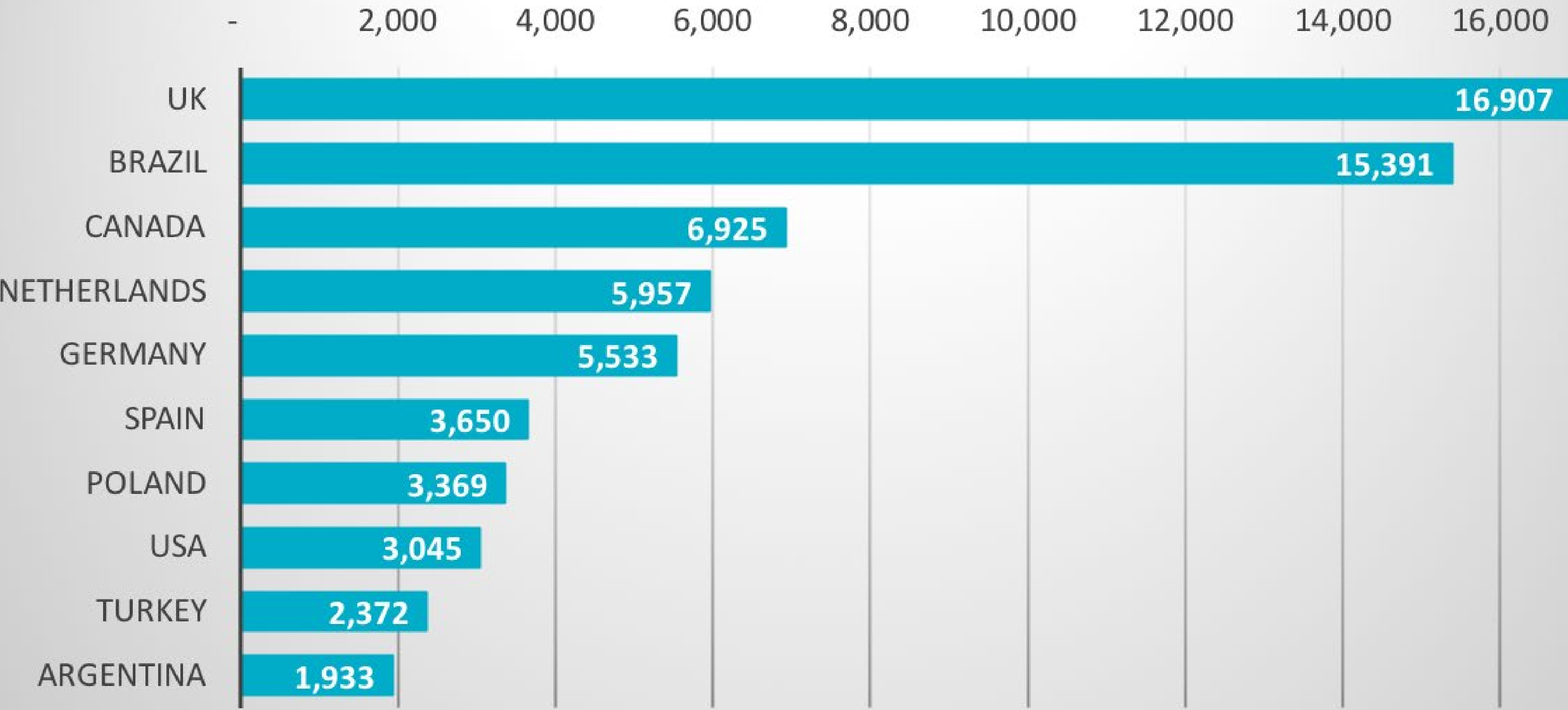
Mean TNC (10*7) of listed cord blood units (country, top 10)

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Unrelated donor/cord blood unit searches (country, top 10)

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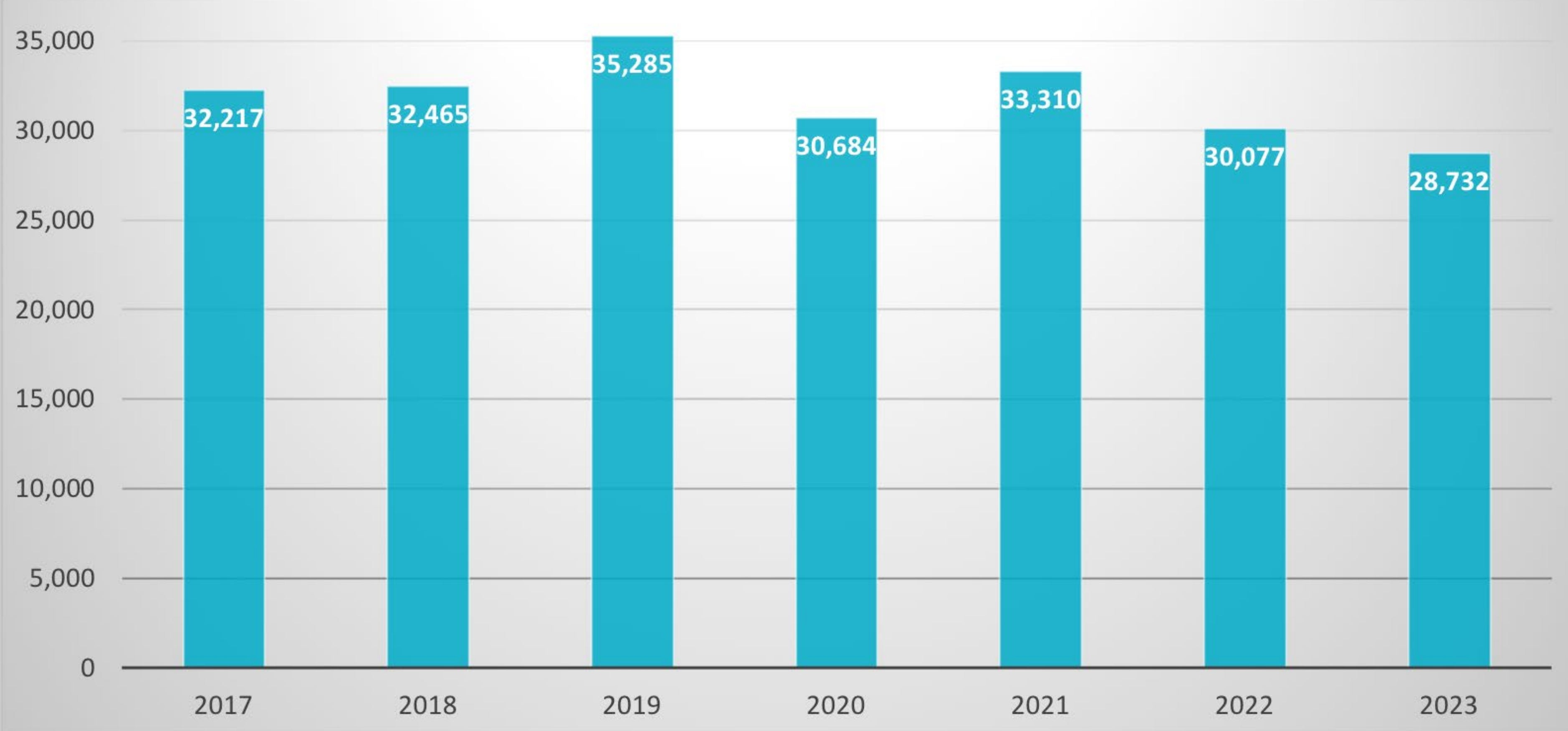


■ No. of searches

These data include multiple searches at different match levels for one patient

Unrelated donor / cord blood unit searches per unique patient

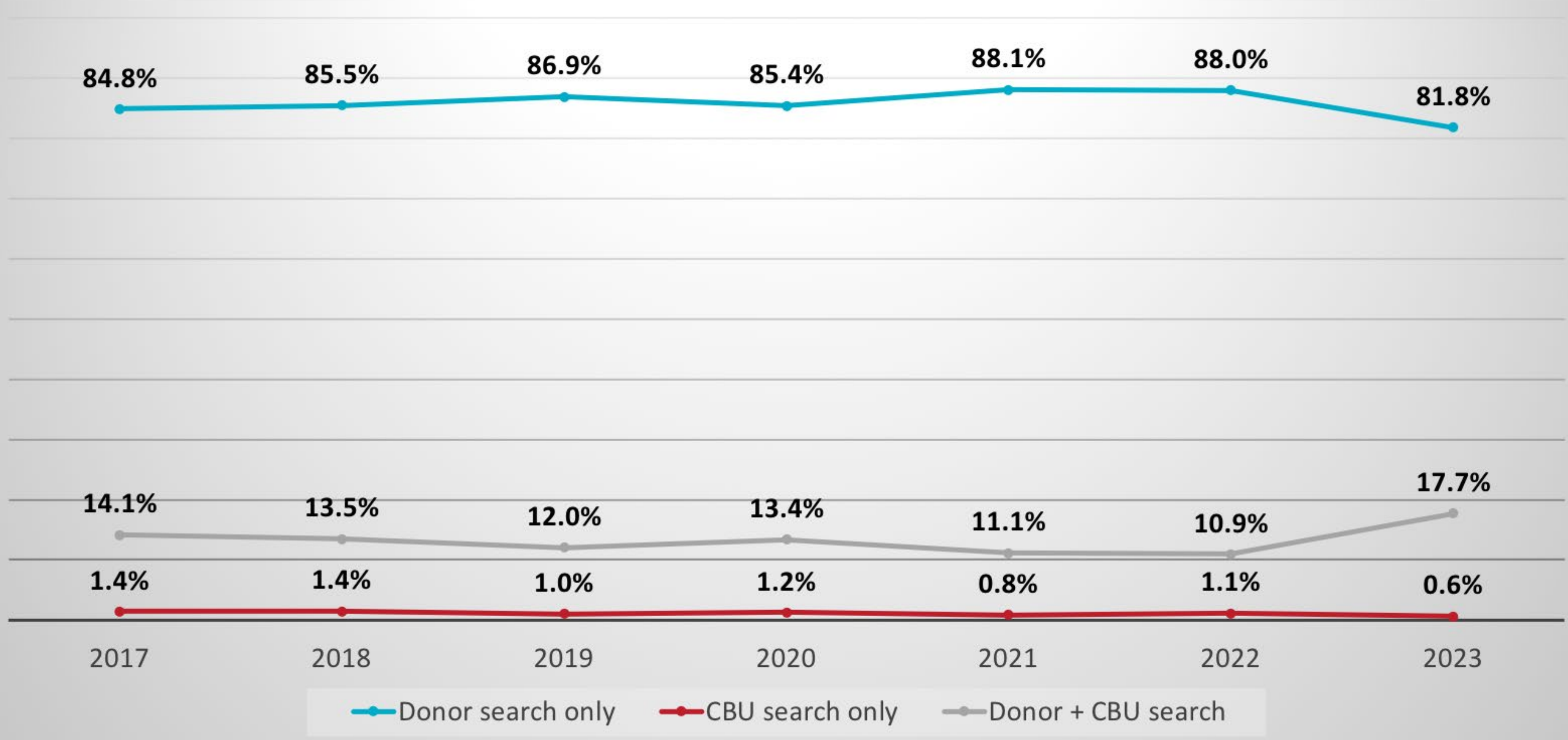
WMDA Search & Match Service 2017-2023



WSMS has undergone changes in 2022 and 2023, in the way search data was saved and collected, and in 2023 a new search algorithm was made available. Both resulted in a slight change in the statistics drawn from these data

Search types

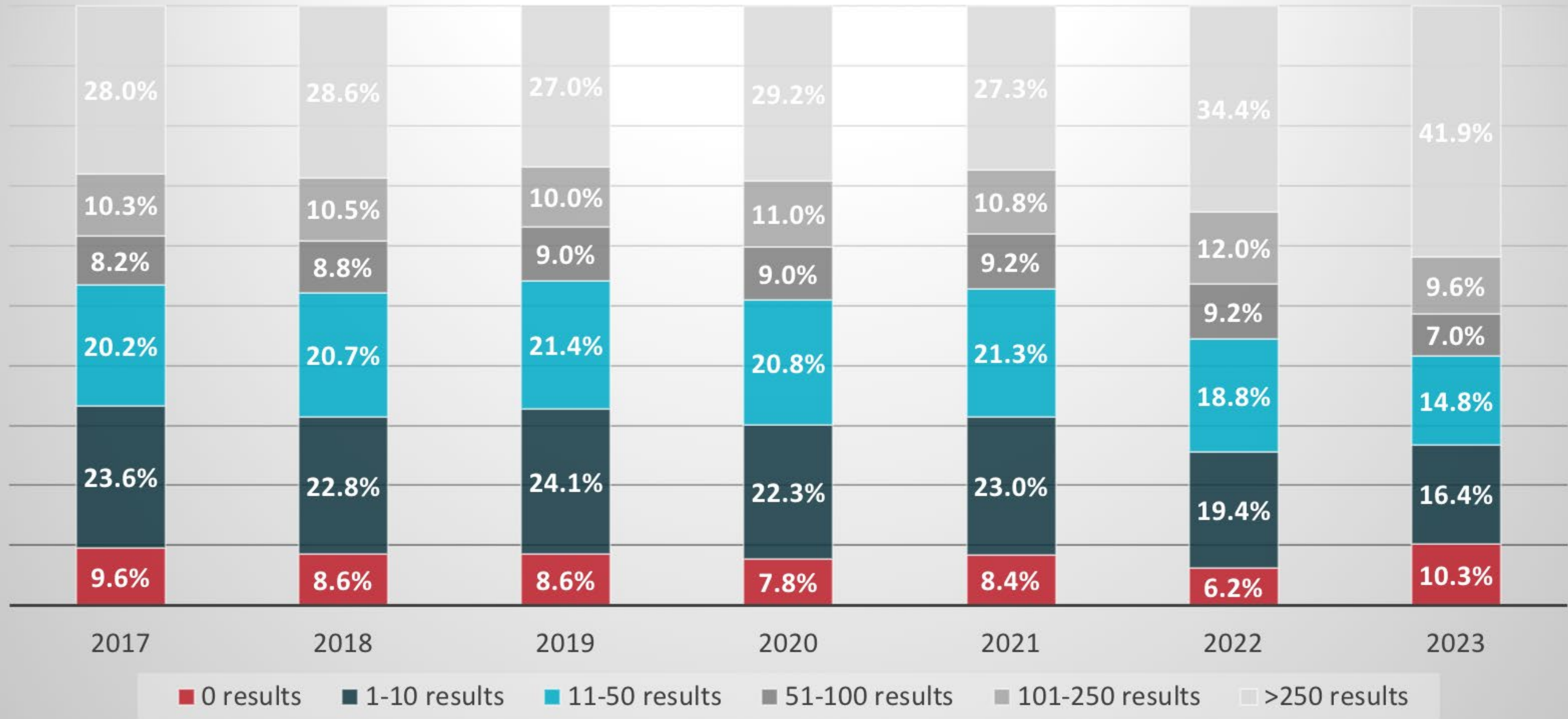
WMDA Search & Match Service 2017-2023



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Search results

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