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.
Disclaimer and how to cite WMDA data

Please note:

WMDA makes no representations, neither express nor implied warranties regarding any information on this site or obtained through these links; expressly disclaims all legal liability and responsibility for the accuracy, completeness, currency, suitability, validity, or usefulness of such information; and is not and will not be liable for any statements, errors, or omissions in posted information, or for any losses, injuries, or damages that arise or are alleged to arise from such information. Use of any information provided on this site does not and is not intended to create a contractual or other relationship. All information is on an as-is basis. All rights are reserved to remove any information posted on the site.

Participating organisations are allowed to use the data for internal purposes, communication with competent authorities/national health agencies. In case the data are used for either commercial purpose or scientific publication, WMDA and/or the participating organisation(s) will have to give permission for the use of the data.

How to cite the GTR:

"WMDA Global Trends Report [YEAR] (a copy of specific editions can be requested via mail@wmda.info)".
Participating organisations 2023

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

- Donors: 4,766, 5,587, 6,273, 7,048, 7,512, 8,198, 9,008, 9,854, 10,73, 11,79, 13,21, 14,62, 16,42, 18,50, 20,57, 22,34, 24,11, 25,94, 28,65, 31,08, 33,58, 35,85, 38,39, 39,93, 41,13, 42,67, 44,07
- Cords: 3, 11, 47, 77, 116, 154, 202, 253, 283, 317, 435, 489, 538, 592, 591, 646, 724, 690, 755, 746, 756, 756, 792, 819, 837, 831, 823
Number of unrelated blood stem cell donors and cord blood units available worldwide 1997–2023

- North America: Unrelated donors 10,091,129; CBUs 289,425
- South America: Unrelated donors 5,799,817; CBUs 19,316
- Europe: Unrelated donors 18,910,877; CBUs 276,342
- Asia: Unrelated donors 8,994,037; CBUs 199,631
- Oceania: Unrelated donors 161,386; CBUs 38,109
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

<table>
<thead>
<tr>
<th>Age Category</th>
<th>Male</th>
<th>Female</th>
<th>% Age total</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-25</td>
<td>1,886,867</td>
<td>2,674,497</td>
<td>10%</td>
</tr>
<tr>
<td>26-35</td>
<td>5,526,730</td>
<td>7,650,439</td>
<td>30%</td>
</tr>
<tr>
<td>36-45</td>
<td>5,760,011</td>
<td>7,423,296</td>
<td>30%</td>
</tr>
<tr>
<td>46-55</td>
<td>4,194,247</td>
<td>5,261,037</td>
<td>22%</td>
</tr>
<tr>
<td>&gt; 55</td>
<td>1,511,060</td>
<td>1,936,257</td>
<td>8%</td>
</tr>
</tbody>
</table>
Unrelated HPC marrow, HPC apheresis and HPC cords shipped worldwide 1997–2023
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
Shipments of HPC products (cord) provided by continent 1999-2023
Global exchange of HPC products (marrow/apheresis) 2023

HPC Marrow and Apheresis donations 2023

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

From or to continent

Within continent

Het afbeeldingonderdeel met relatie-id rId2 is niet aangetroffen in het bestand.
Global exchange of HPC products (cord) 2023