



MINI REPORT 2

Topic: Age

WFH Annual Global Survey (AGS) mini reports are advocacy tools that provide more in-depth perspective and context to AGS data. The second Mini Report, based on 2017 AGS data, highlights the age of patients with hemophilia (PWH) as reported in the AGS 2017 report. Age data can be an important tool to better understand diagnosis and treatment in a country.

Overview

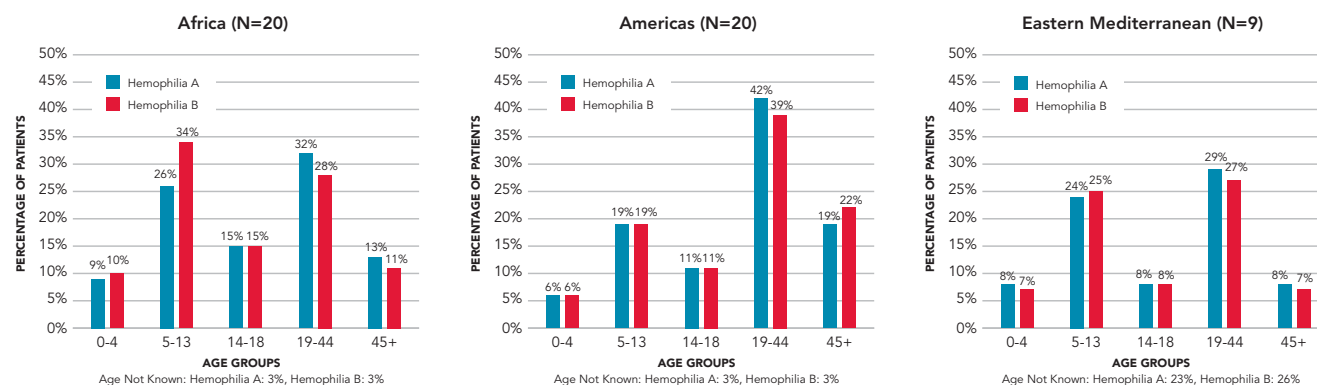
- **93 countries** provided age data in the Report on the Annual Global Survey 2017¹
- The Annual Global Survey uses 5 age categories: 0-4, 5-13, 14-18, 19-44, 45+

Key Findings

- A large proportion (31%) of people with hemophilia A in Europe are in the 45+ age category, compared to 13% in Africa, 7% in South East Asia and 8% in the Eastern Mediterranean (Figure 1). A higher proportion of adult-to-children patients in a population may be an indicator of higher quality and better access to care
- Adult patients are less represented in lower-income countries and there is a shift in the ratio of adults to children when looking at the Gross National Income (GNI) per capita (Figure 2). This may be due to lower levels of access to treatment products and a lack of comprehensive health care services
- In high-income countries, 29% of hemophilia A patients were over 45 years old, whereas in low-income countries, only 4% were over 45 years old, showing a positive relationship between older age (45+) and GNI per capita (Figure 3). The greater the access to treatment products and comprehensive health care services, the better the outcomes and the closer PWH come to achieving normal life expectancy²

FIGURE 1: AGE DISTRIBUTION BY REGION: ANNUAL GLOBAL SURVEY 2017

Some countries are not able to report age in the Annual Global Survey; therefore, these countries are included in the "Age Not Known" number. While reporting has improved over time, there is still work to be done in collecting age data.



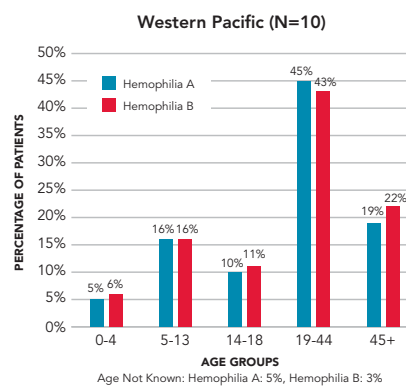
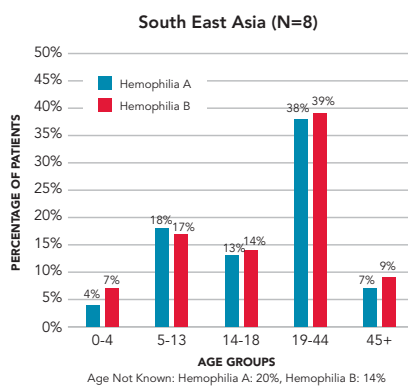
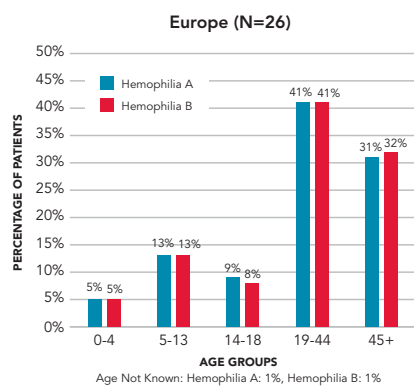


FIGURE 2: HEMOPHILIA A, PAEDIATRIC VS. ADULT BY GNI PER CAPITA

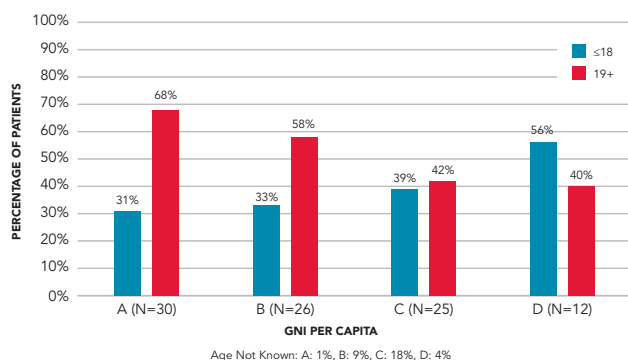
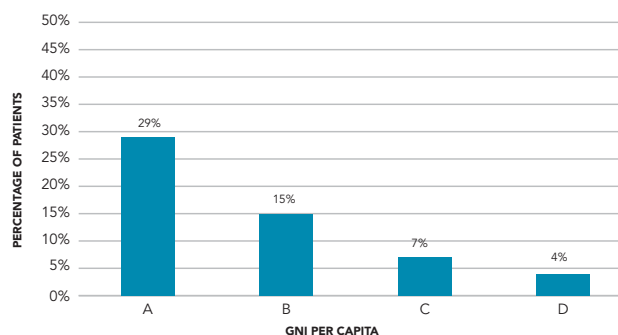


FIGURE 3: HEMOPHILIA A, PERCENTAGE OF PATIENTS 45+ YEARS BY GNI PER CAPITA



Economic category based on The World Bank Group 2017 rankings for "Gross national income (GNI) per capita, Atlas method (current US\$)". GNI in US dollars: D lower income, \$0–\$995; C lower middle income, \$996–\$3,895; B upper middle income, \$3,896–\$12,055; and A high income, \$12,056 or more.

Evidence Based Advocacy

- Use age data to help build your case on the state of hemophilia care and treatment in your country. Age data can be analyzed across countries, regions, GNI per capita levels and comparators with the general population.
- To access the **Report on the Annual Global Survey 2017**, please visit: www1.wfh.org/publications/files/pdf-1714.pdf
- Additional data are available on the Annual Global Survey **Interactive Graphs**: www.wfh.org/en/resources/annual-global-survey

For More Information

Hemophilia and Ageing: Psychosocial: elearning.wfh.org/resource/hemophilia-and-ageing-psychosocial/

The Challenge of an Ageing Hemophilic Population: elearning.wfh.org/resource/the-challenge-of-an-ageing-hemophilic-population/

Special Management Issues: elearning.wfh.org/resource/special-management-issues/

Notes

Please feel free to contact us at globalsurvey@wfh.org with any questions or comments.

The WFH Annual Global Survey mini reports are developed under the supervision of the WFH Data & Demographics Committee.

References

1. World Federation of Hemophilia. *Report on the Annual Global Survey 2017*. Montreal, Canada: WFH, 2018.
2. Stonebraker JS, Brooker M, Amand RE, Farrugia A, Srivastava A. A study of reported factor VIII use around the world. *Haemophilia*. 2010 Jan;16(1):33-46.



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