World Vision on a Sphere: Global Vision Database

Estimating the burden of disease associated with blindness and vision impairment

globalvisiondata.org

World Vision on a Sphere is a project of the Vision Loss Expert Group (VLEG). VLEG publishes estimates of numbers blind and vision impaired by region worldwide by age, sex and cause. Working with the World Health Organization (WHO), the group models the change in cause-specific prevalence of vision loss over time, reporting the reduction in age-standardized blindness prevalence over more than two decades.

Database

Encompasses 288 population-based prevalence eye surveys (more than 3 million ocular examination findings), dates from 1980, and is derived from published and unpublished sources and microdata contributed by collaborators.

Open access to data for planning and resource allocation is key to this project. Any internet user can access country-specific information on blindness and vision impairment burden provided by our statistical model that is informed by the database, via globalvisiondata.org. The data underpins IAPB’s Vision Atlas project.

Get involved: gvisiondata@gmail.com

Sponsors and acknowledgements

We are grateful to NASA for working with us to prepare and install this exhibit and the generous financial support of:

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What is VLEG

World Vision on a Sphere is a project of the Vision Loss Expert Group (VLEG). VLEG is an international consortium of 100 ophthalmologists and optometrists

Goals

- Develop and deploy new and improved evidence on the prevalence of blindness and vision impairment and its causes, and on intervention coverage
- Inform and influence global priorities and programs

Objectives

- Provide estimates on the prevalence of blindness and vision impairment and risk factors globally and to make these accessible
- Advise the WHO and other international organisations (eg. Global Burden of Disease Study, International Agency for the Prevention of Blindness, IAPB) on the most appropriate methods and assumptions for their global, regional and country-level eye health epidemiological estimates
- Advise researchers and public health officials on the issues involved in estimating cause-specific blindness and vision impairment
- Act as a repository of high quality population-based studies of blindness and vision impairment data, in order to heighten accuracy of estimates and to securely preserve datasets into the future

ARVO 2017 presentations

- Tuesday May 9, 1 – 2:30pm. Session #352. Ballroom 1 SIG: Global Prevalence of Blindness and Vision Impairment: Magnitude, Temporal Trends, and Projections: are we on track to meet VISION 2020 and WHO Global Action Plan goals and beyond?