Prevalence of vision loss
Population: 1,092 million

Categories of vision loss
5.1M Blindness
- 8.6M Female
- 6.5M Male

20.4M Moderate to severe
- 46.8M Female
- 36.2M Male

33.7M Mild
- 50.9M Female
- 40.2M Male

51.5M Near
- 106.8M Female
- 86.7M Male

Top five causes of blindness and moderate to severe vision loss
- Uncorrected refractive error: 9.9M
- Cataract: 6.7M
- Glaucoma: 0.9M
- Age-related macular degeneration: 0.6M
- Diabetic retinopathy: 0.2M

The number of people with vision loss is growing
51.2 million in 1990
110.7 million in 2020
265.6 million in 2050

Eye care service indicators
Countries: 46
Cataract surgeries: 429,168 annually

National eye health
No. countries reporting: 39
Committees: 19
Plans: 24

Data
No. countries reporting: 29
Prevalence surveys: 29
Service assessments: 11

The Vision Atlas is a free knowledge resource for eye health thanks to the support from Allergan an AbbVie company, Bayer, Seva Foundation, Sightsavers, CBM and The Fred Hollows Foundation.
Prevalence of vision loss
Population: 621 million

Vision loss by age

- **Children and adolescents (0-19)**
  - 8.6 million
  - Image: Asghar Khamseh

- **Adults (20-49)**
  - 12.7 million
  - Image: Julia Gunther

- **Older adults (50 and over)**
  - 32.6 million
  - Image: Jalal Bonyani

Prevalence of vision loss compared to other GBD Super Regions

- **North Africa and Middle East**
  - 17.3%
  - Global average 14%

Categories of vision loss

- **Blindness**
  - 3.1M Male
  - 13.0M Female

- **Moderate to severe**
  - 21.8M Male
  - 11.3M Female

- **Mild**
  - 14.5M Male
  - 7.4M Female

- **Near**
  - 14.4M Male
  - 7.1M Female

Top five causes of blindness and moderate to severe vision loss

- Uncorrected refractive error
  - 13.0M

- Cataract
  - 6.2M

- Glaucoma
  - 0.8M

- Age-related macular degeneration
  - 0.7M

- Diabetic retinopathy
  - 0.5M

The number of people with vision loss is growing

- **1990**
  - 26.6 million

- **2020**
  - 53.8 million

- **2050**
  - 116.1 million

Eye care service indicators

- **Countries**: 21
- **Cataract surgeries**: 491,706 annually

National eye health

- No. countries reporting: 13
- Committees: 7
- Plans: 12

Data

- No. countries reporting: 15
- Prevalence surveys: 15
- Service assessments: 6

Human resources

- 21,236 ophthalmologists
- 9,527 optometrists
- 30,505 allied ophthalmic personnel

For further information and definitions visit [https://www.iapb.org/learn/vision-atlas](https://www.iapb.org/learn/vision-atlas)

Data from VLEG/GBD 2020 model, via the IAPB Vision Atlas