Prevalence of vision loss
Population: 82 million  Countries: 6

Vision loss by age

- Children and adolescents (0-19): 1.1 million
- Adults (20-49): 4.0 million
- Older adults (50 and over): 9.1 million

Categories of vision loss

- **Blindness**: 0.5 million people, 0.3M Female, 0.2M Male
- **Moderate to severe**: 1.6 million people, 0.6M Female, 0.7M Male
- **Mild**: 2.5 million people, 1.4M Female, 1.1M Male
- **Near**: 9.6 million people, 5.6M Female, 4.0M Male

The number of people with vision loss is growing

- **1990**: 7.1 million
- **2020**: 14.1 million
- **2050**: 19.3 million

  - **Female**: 4.0 million, 8.1 million, 11.1 million
  - **Male**: 3.1 million, 6.0 million, 8.2 million

Top five causes of blindness and moderate to severe vision loss

- Uncorrected refractive error: 1.0M
- Cataract: 455,000
- Glaucoma: 89,400
- Age-related macular degeneration: 23,700
- Diabetic retinopathy: 39,100

Eye care service indicators

<table>
<thead>
<tr>
<th>Human resources</th>
<th>National eye health</th>
<th>Data</th>
<th>Cataract surgeries</th>
</tr>
</thead>
<tbody>
<tr>
<td>336 ophthalmologists</td>
<td>No. countries reporting: 4</td>
<td>No. countries reporting: 3</td>
<td>57,287 annually</td>
</tr>
<tr>
<td>4,038 optometrists</td>
<td>Coordinators: 2</td>
<td>Prevalence surveys: 3</td>
<td></td>
</tr>
<tr>
<td>419 allied ophthalmic personnel</td>
<td>Committees: 2</td>
<td>Service assessments: 1</td>
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<td>Plans: 5</td>
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</tbody>
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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.