Sight loss	Effective coverage	Elevate	Integrate	Activate

Demographics

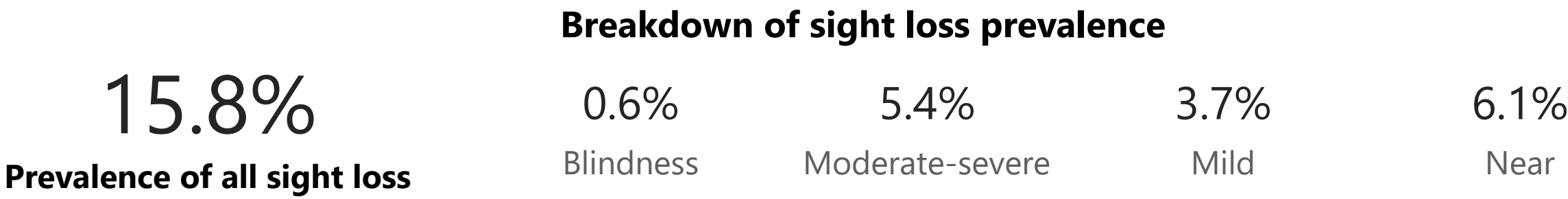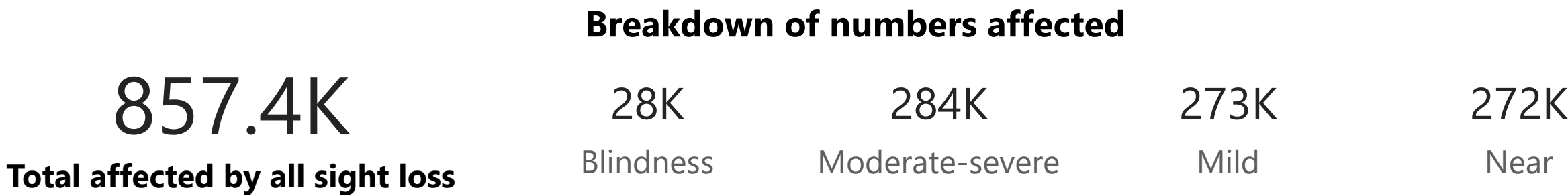| Oceania	Southeast Asia, East Asia and...	10M	$2,673
GBD Region	GBD Super Region	Population (UN, 2022)	GDP per capita (current US$, 2021)
0.558	medium	65	169
HDI (2021)	HDI level	Life expectancy, years (both sexes, 2021)	Gender Inequality Index (GII) rank, 2021

Sight loss

These data for sight loss comes from the modelled estimates by the Vision Loss Expert Group (VLEG) in 2020, incorporating data from 512 studies in 112 countries.
Select the filter below right for more data. For more detail and data, access the current Vision Atlas.

VLEG VISION LOSS EXPERT GROUP

857.4K
Total affected by all sight loss

Breakdown of numbers affected

28K	284K	273K	272K
Blindness	Moderate-severe	Mild	Near

15.8%
Prevalence of all sight loss

Breakdown of sight loss prevalence

0.6%	5.4%	3.7%	6.1%
Blindness	Moderate-severe	Mild	Near

measure
Age std. prevalence
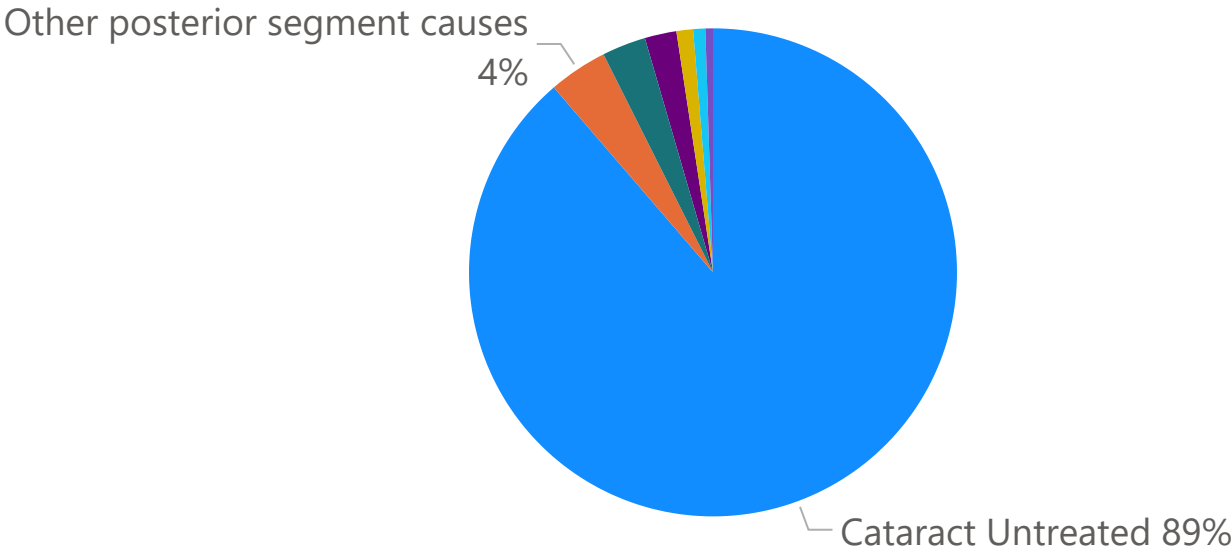
Source: Bourne et al., 2021

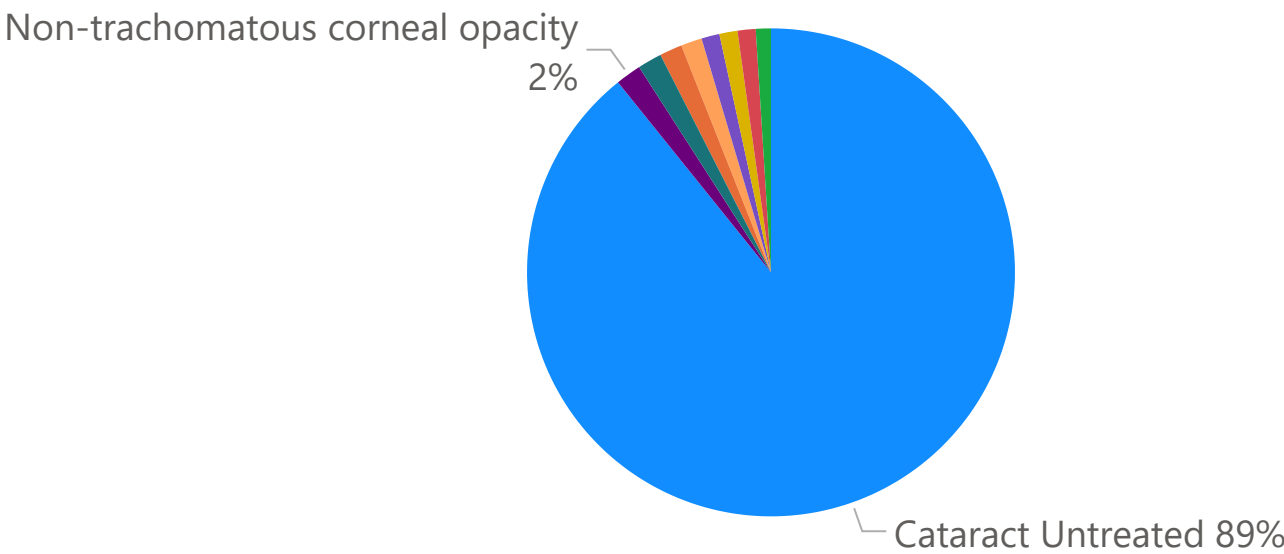## Cause data

Cause data, for distance sight loss only, are gathered from national RAAB surveys or national Blindness and Vision Impairment surveys where available.
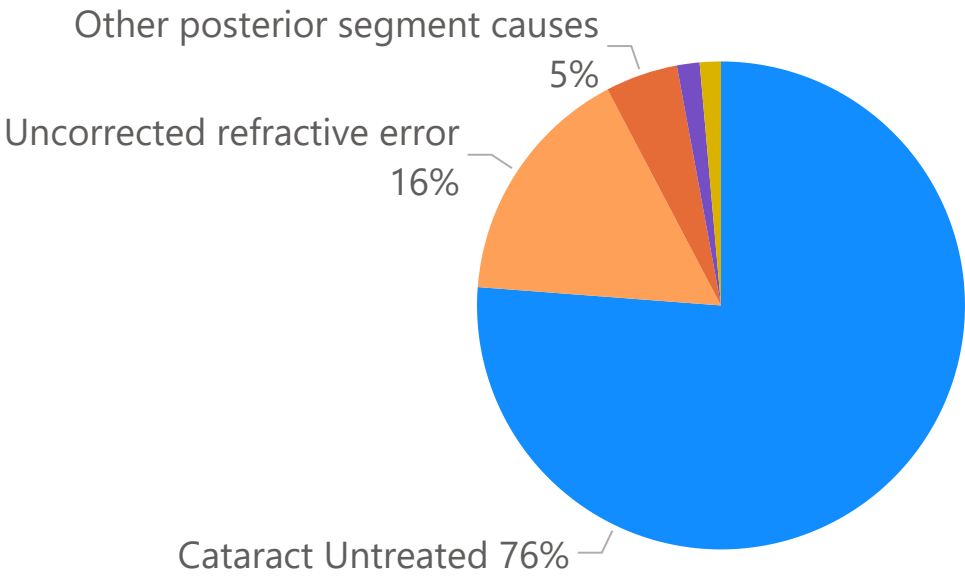**If the areas are blank below, no data is available from this country yet.**
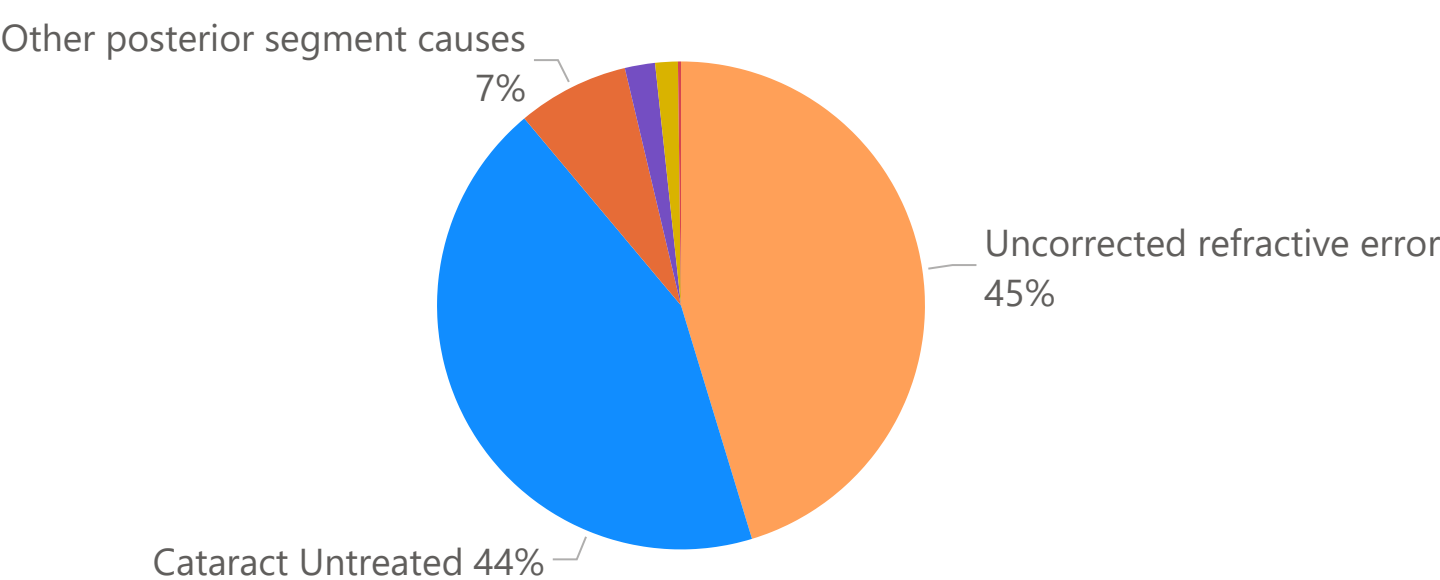
Blindness by Cause

Other posterior segment causes 4%
Cataract Untreated 89%

Severe VI by Cause

Non-trachomatous corneal opacity 2%
Cataract Untreated 89%

Moderate VI by Cause

Other posterior segment causes 5%
Uncorrected refractive error 16%
Cataract Untreated 76%

Early (Mild) VI by Cause

Other posterior segment causes 7%
Uncorrected refractive error 45%
Cataract Untreated 44%

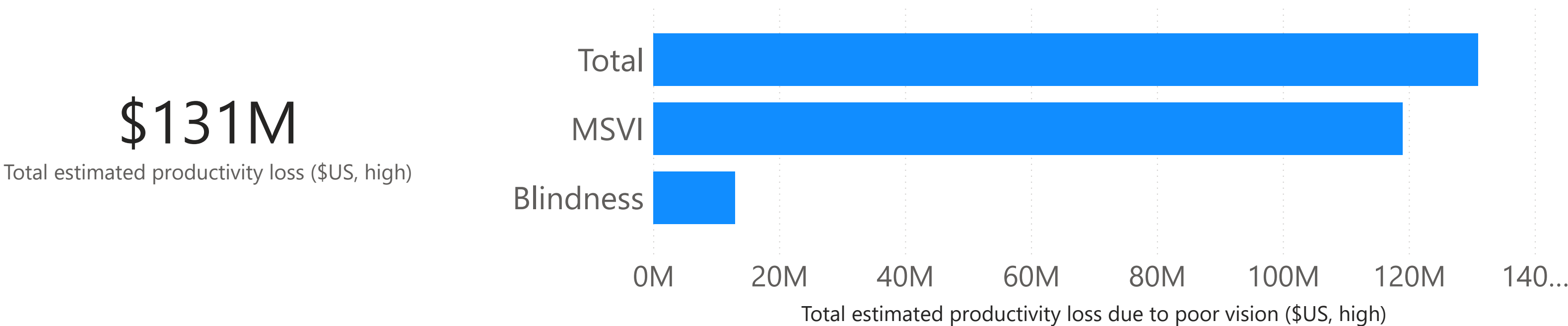**Endemic diseases**

Source: WHO (trachoma, onchocerciasis)

Known to require interventions
Trachoma status, 2022

(Blank)
Onchocerciasis status, 2021

Productivity loss due to poor vision per year

Source: Eckert et al., 2022

Productivity loss was defined as the cost of vision loss based on loss of minimum wage incurred by people aged 50–64 years with blindness or MSVI in 2020.

$131M
Total estimated productivity loss ($US, high)

Total estimated productivity loss due to poor vision ($US, high)

| Sight loss | Effective coverage | Elevate | Integrate | Activate |

## Effective cataract surgical coverage (eCSC)

Effective cataract surgical coverage (eCSC) measures the number of people in a population who have been operated on for cataract, and had a good outcome, as a proportion of all people operated on or requiring surgery.

Source: McCormick et al., 2022

eCSC: Effective Cataract Surgical Coverage (6/18)

17

0   100
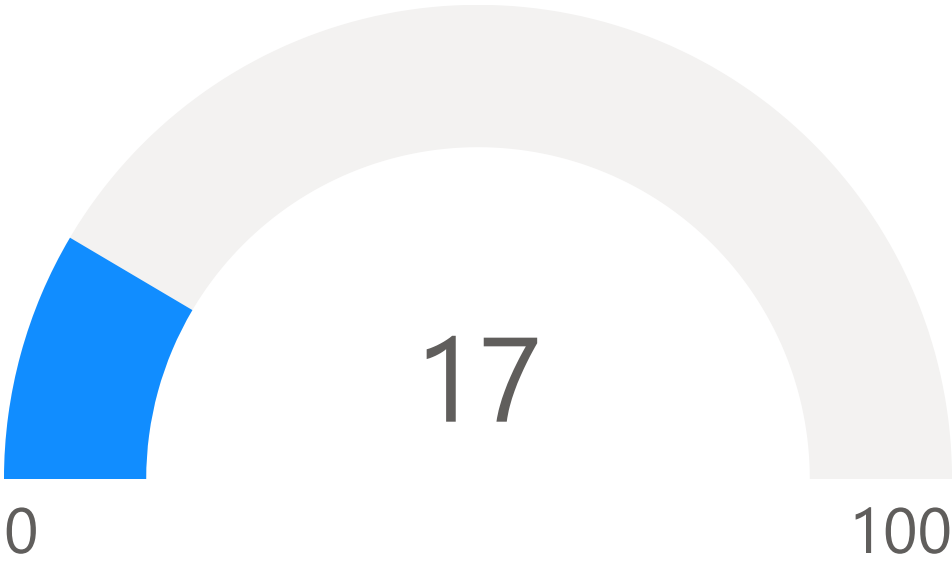
CSC: Cataract Surgical Coverage (6/18)

27

0   100
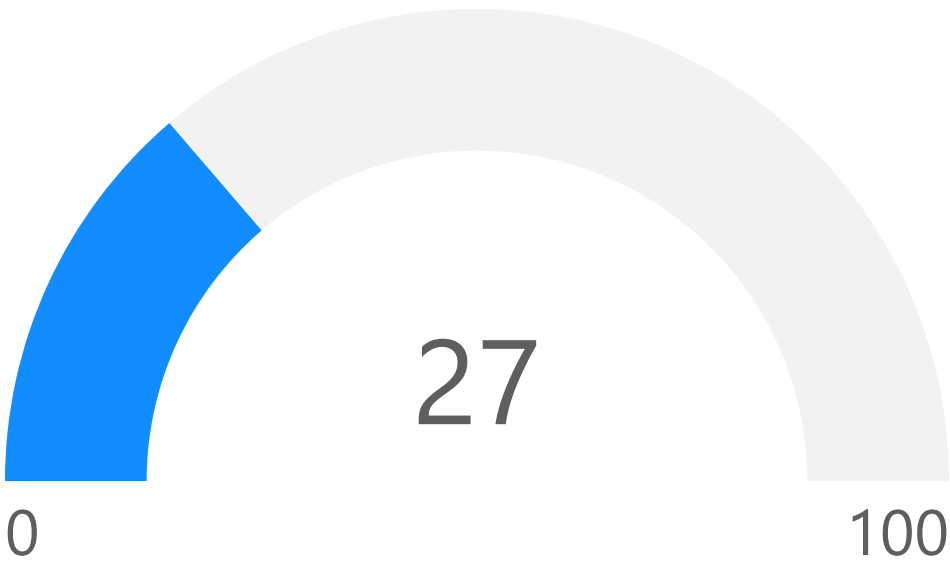
Relative quality gap

38

Year

2017

Cataract surgical service delivery

Cataract surgical rate (CSR) is the number of cataract operations performed in one year, per million population.

CSR	Source	Year ▼
196	Key respondent	2014

Cataract surgery: average out of pocket cost

These data are sourced from the 2030 IN SIGHT: Country Progress data portal, using a survey designed for key country informants. **If cells are blank below, no data has been received yet.**

Cataract Surgery Cost - Govt	$185
Cataract Surgery Cost - Non-profit	$100
Cataract Surgery Cost - Private	$1,000
Cataract Surgery Cost Details	

Effective refractive error coverage (eREC)

Source: Bourne et al., 2022

eREC is the proportion of people in need of refractive error services who have received services and have a good-quality outcome.

state	district	Year	Female (6/12)	Male (6/12)	All (6/12)	Female (6/18)	Male (6/18) ▲	All (6/18)
Highlands		2017	1	13	8	6	16	13
Coastal		2017	23	39	34	29	44	34
NCD		2017	34	38	36	41	50	46

Spectacle need and use

These data are sourced from the World Health Organization (WHO)'s Global Report on Assistive Technology.

|	
Prevalence of spectacle need	
Prevalence of met need	
Prevalence in use of spectacles	

Good quality spectacles: average out of pocket cost

These data are sourced from the 2030 IN SIGHT: Country Progress data portal, using a survey designed for key country informants.

Spectacles Cost - Govt	
Spectacles Cost - Non-profit	
Spectacles Cost - Private	
Spectacles Cost Details	

UHC Service Coverage Index

Source: WHO

This WHO indicator measures the coverage of essential health services in each country. The lead indicator is based on interventions that include reproductive, maternal, newborn and child health, infectious diseases, non-communicable diseases and service capacity and access, among the general and the most disadvantaged population.

33

0   100
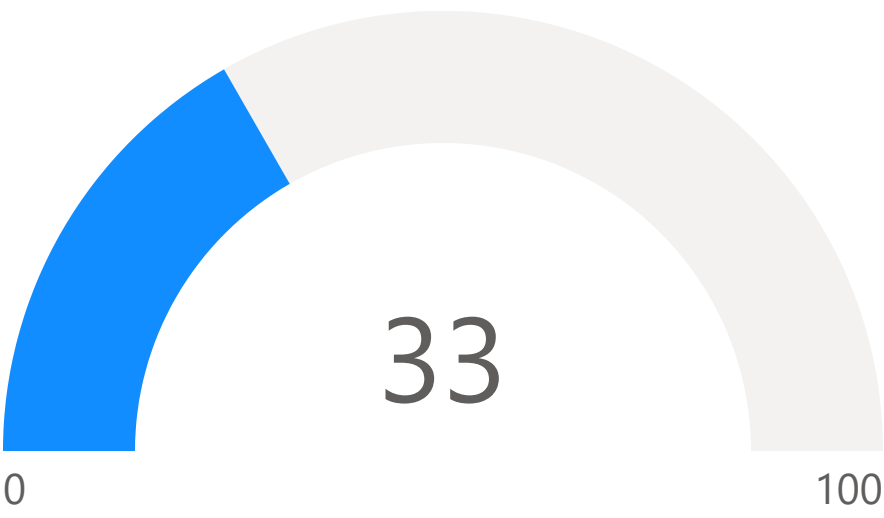
50
Non-communicable diseases

46
Infectious disease

11
Service capacity and access

48
Maternal and child health

3 GOOD HEALTH AND WELL-BEING

Sight loss | Effective coverage | **Elevate** | Integrate | Activate

Eye health commitments and prioritisation

These data are sourced from the 2030 IN SIGHT: Country Progress data portal, using a survey designed for key country informants, such as national eye coordinators, key IAPB members, and WHO representatives. **If cells are blank below, no data has been received from this country.**

Coverage from government or health insurance to prevent out-of-pocket costs	High-out-of-pocket costs
Strong public health leadership	Very limited: Needs establishing
Integration of eye care into legislation, policies and plans	Needs major strengthening: There is very limited integration of eye care into health policies and plans.
% of school-aged children undertaking screening for eye conditions	Less than 25%

IAPB Members Country Activities: Elevate

IAPB asks members to inform about their work across specific countries. These data are sourced from a survey in the 2030 IN SIGHT: Country Progress data portal. **If cells are blank below, no data has been received from this country yet.**

Select the indicator you would like to view using the following dropdown menu:

Activities conducted in school settings

Country	IAPB Member	Activities conducted in school settings

Commitment to human rights: UN conventions ratified

Sources: Rights of Persons with Disabilities, Rights of the Child, Elimination of Discrimination against Women

Yes
Rights of Persons with Disabilities

Yes
Rights of the Child

Yes
Elimination of Discrimination against Women

5 GENDER EQUALITY

10 REDUCED INEQUALITIES

Select country
Papua New Guinea

| Sight loss | Effective coverage | Elevate | Integrate | Activate |

Planning & implementation

These data are sourced from the 2030 IN SIGHT: Country Progress data portal, using a survey designed for key country informants, such as national eye coordinators, key IAPB members, and WHO representatives. **Green circles indicate effectiveness, yellow is partially effective and grey is limited effectiveness. If circles are white and cells are blank below, no data have been received from this country yet.**

| Strong leadership? | Effective coordination among stakeholders? | ECSAT conducted? | Effective plan for eye health? | Effective operational planning? | Eye care indicators in health systems? |

2023
Year data was submitted

View all data

Eye Health Coordinator	Yes
Eye Committee	Yes
Eye Health Plan	Yes
Public Health Leadership	Very limited: Needs establishing
Eye Care Legislation	Needs establishing: Legislation and policy frameworks are absent or encompass eye care inadequately.
Strategic Eye Health Plan	Partially effective
Strategic Plan Status	Plan followed effectively by non-governmental organisations.
Stakeholder Coordination	Needs major strengthening: There has been limited stakeholder consultation in the planning of eye care.
Integration with Health Planning	Partially
Health Plan Integration Aspects	Services coordination, Human resources
Eye Care Integration Progress	Policy around including the Centre of Excellence within the medical school.
Operational Planning Adequacy	No
Operational Planning Description	Subsequent to completion of the strategic plan, and allocation of funding.
Eye Care Services Integration	Partially
Eye Care in Other Sectors	Noncommunicable disease, School Health/Health Schools, Education, Rehabilitation

Eye care workforce

Ophthalmologists

Total	11
Year	2015
Source	Resnikoff et al., 2020

Ophthalmologists per million

0 — 1 — 150
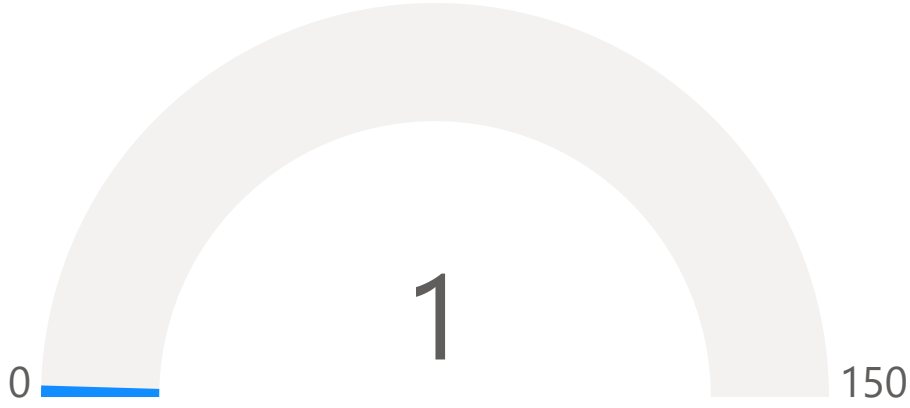
Optometrists

Total	5
Year	2020
Source	Naidoo et al., 2022

Optometrists per million

0 — 1 — 500
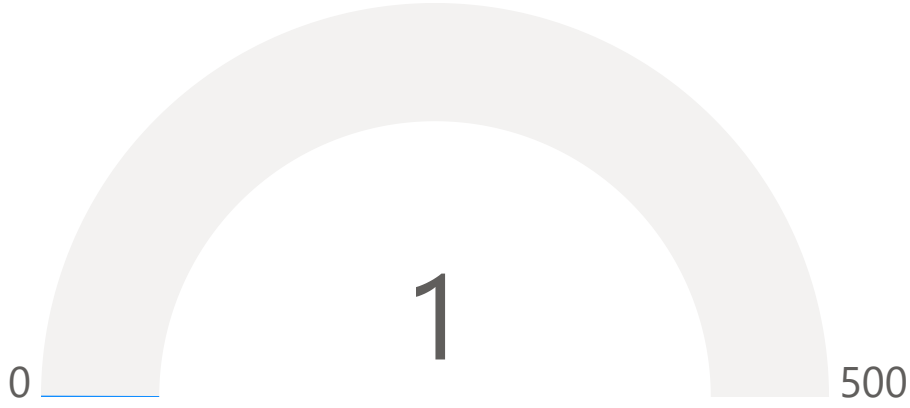
Allied ophthalmic personnel

Total	76
Year	2017
Source	Ministry of Health or key respondent

Allied ophthalmic personnel per million

0 — 9 — 250

Key respondent data

Adequate planning of eye health workforce for future needs?	No
Is eye care integrated into education and training for primary health care providers?	Yes
Is the quality of training appropriate?	Partially

WHO Global Health Observatory data

Adequate number of trained human resources for Vision?	
Education / training on assistive products related to Vision?	

IAPB Members Country Activities: Integrate

IAPB asks members to inform about their work across specific countries. These data are sourced from a survey in the 2030 IN SIGHT: Country Progress data portal. **If cells are blank below, no data has been received from this country.**

Select the indicator you would like to view using the following dropdown menu:

Activities undertaken to meet the eye health needs of people through their life course

Country	IAPB Member	Activities undertaken to meet the eye health needs of people through their life course

Market changes for spectacle access

These data are sourced from the World Health Organization (WHO)'s Global Report on Assistive Technology.
If cells are blank below, no data has been received from this country.

Coverage of people in need of assistive technology by a national or other legislation(s)	
Existence of responsible ministry/authority on assistive technology	
Availability of public funding for assistive technology	
Existence of regulations/standards/guidelines/protocols on assistive technology	

Existence of financial mechanisms for assistive technology

Public (insurance) schemes	
Compulsory private insurance schemes	
Private insurance schemes	
List of subsidized or free products for eligible people	
Other measures	

IAPB Members Country Activities: Activate

IAPB asks members to inform about their work across specific countries. These data are sourced from a survey in the 2030 IN SIGHT: Country Progress data portal. **If cells are blank below, no data has been received from this country.**

Select the indicator you would like to view using the following dropdown menu:

Campaigning Activities

Country	IAPB Member	Campaigning Activities