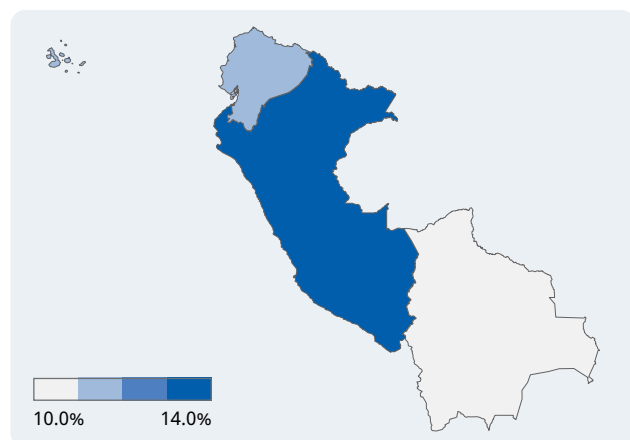


Prevalence of vision loss

Population: **62 million** Countries: **3**



Vision loss by age



Image: Gioconda Armas

Categories of vision loss

0.3 million people
0.2M Female
0.2M Male

Blindness

2.8 million people
1.5M Female
1.3M Male

Moderate to severe

2.1 million people
1.1M Female
1.0M Male

Mild

2.7 million people
1.4M Female
1.3M Male

Near

The number of people with vision loss is growing

3.6 million

1990

1.9 million
1.7 million

8.0 million

2020

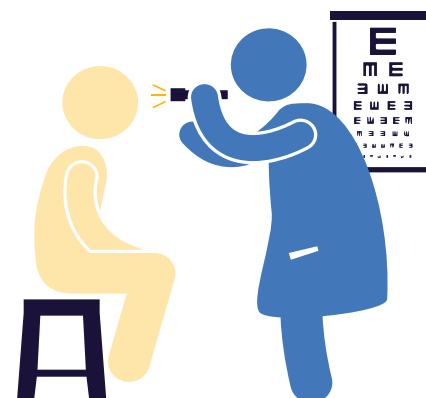
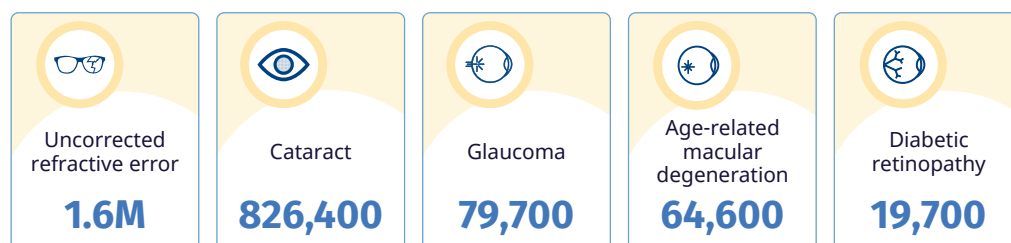
4.2 million
3.8 million

15.2 million

2050

8.1 million
7.1 million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

1,712 ophthalmologists
3,090 optometrists
1,900 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **3**
Committees: **3**
Plans: **1**

Data

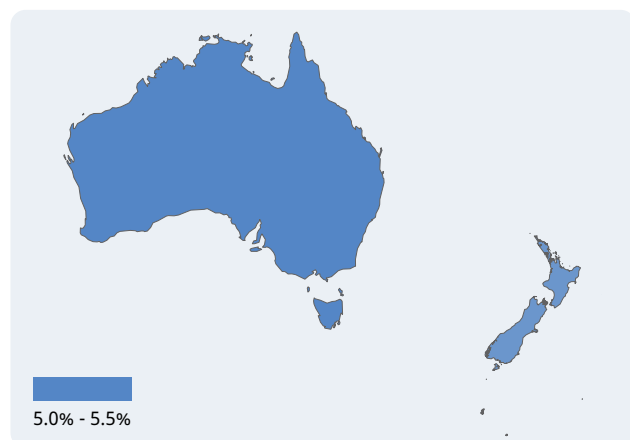
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **1**

Cataract surgeries

89,891 annually

Prevalence of vision loss

Population: **30 million** Countries: **2**

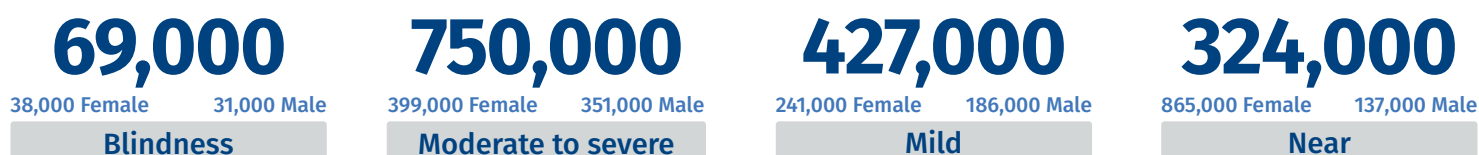


Vision loss by age



Image: Michael Amendolia, The Fred Hollows Foundation

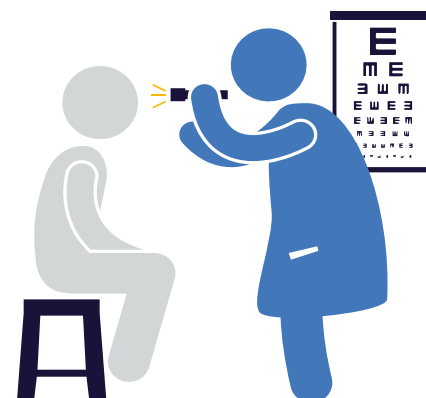
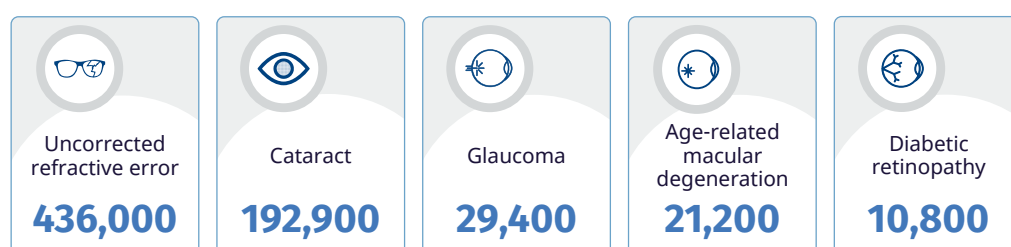
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

1,087 ophthalmologists
6,437 optometrists
- allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **-**
Committees: **1**
Plans: **1**

Data

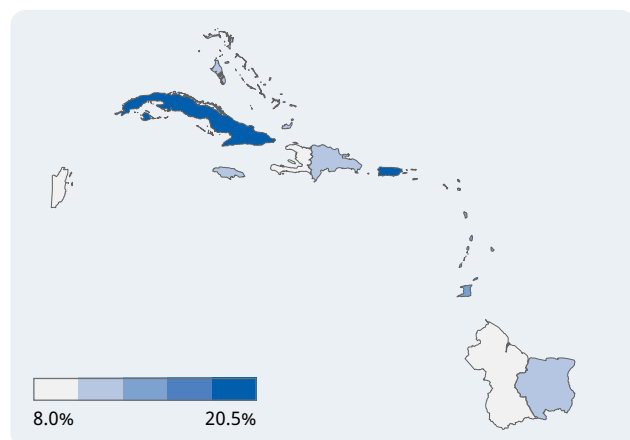
No. countries reporting:
Prevalence surveys: **1**
Service assessments: **1**

Cataract surgeries

165,000 annually

Prevalence of vision loss

Population: **44 million** Countries: **19**



Vision loss by age

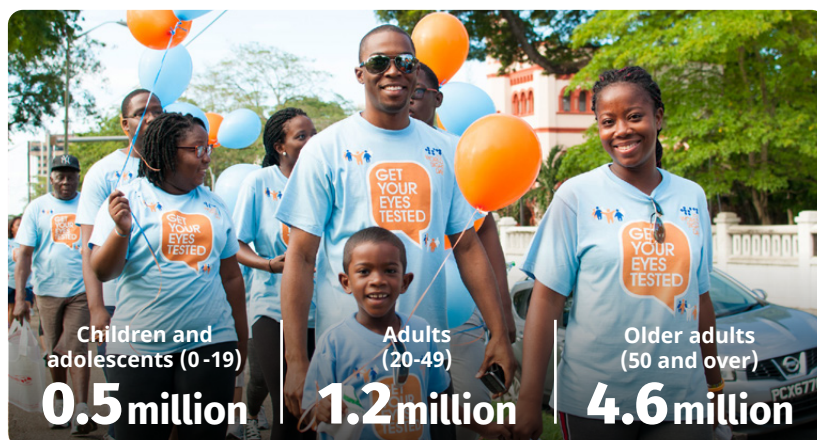


Image: Trinidad and Tobago WSD event committee

Categories of vision loss

0.3 million people
0.1M Female
0.1M Male

Blindness

1.6 million people
0.9M Female
0.7M Male

Moderate to severe

1.7 million people
0.9M Female
0.8M Male

Mild

2.7 million people
1.3M Female
1.4M Male

Near

The number of people with vision loss is growing

3.7million

1990

1.9 million
1.8million

6.2million

2020

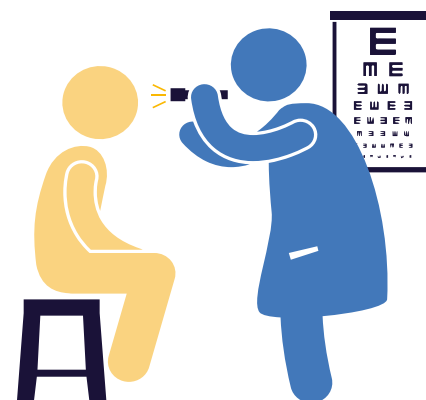
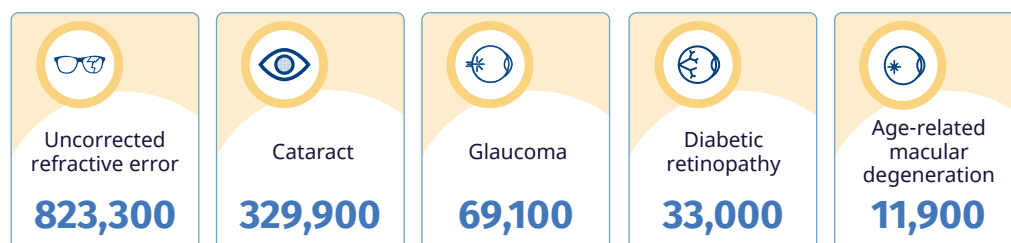
3.2 million
3.0million

8.9million

2050

5.0 million
3.9million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

2,744 ophthalmologists
532 optometrists
302 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **9**
Committees: **4**
Plans: **1**

Data

No. countries reporting:
Prevalence surveys: **6**
Service assessments: **2**

Cataract surgeries

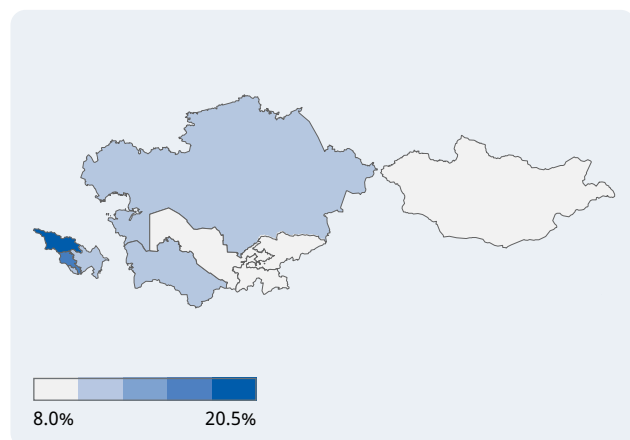
68,692 annually

For further information and definitions visit <https://www.iapb.org/learn/vision-atlas>. Data from VLEG/GBD 2020 model, via the IAPB Vision Atlas

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: **95 million** Countries: **9**



Vision loss by age

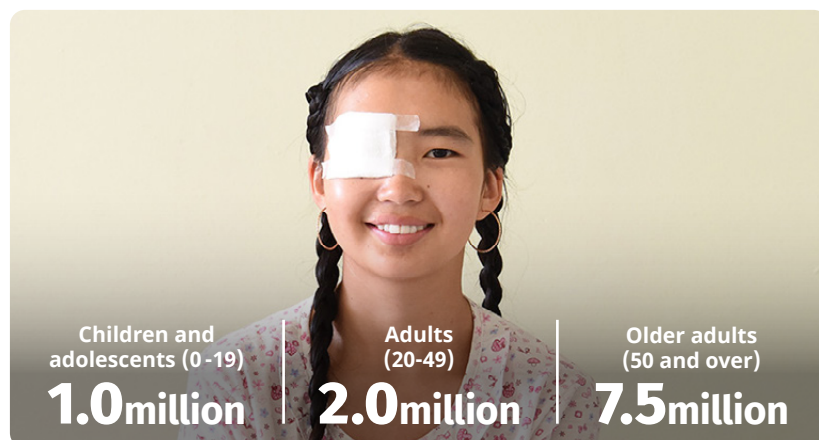
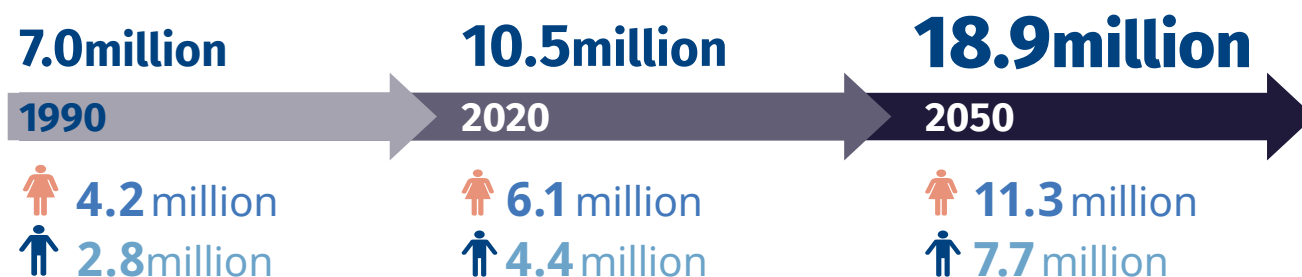


Image: Geoff Oliver Bugbee; Orbis; WSD photo competition

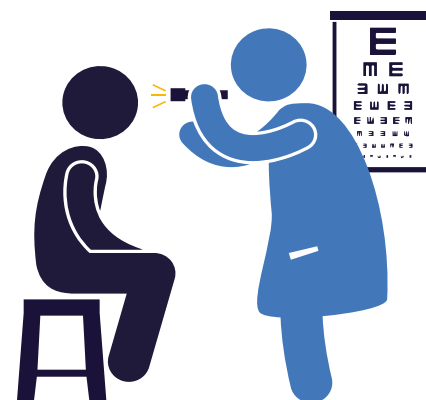
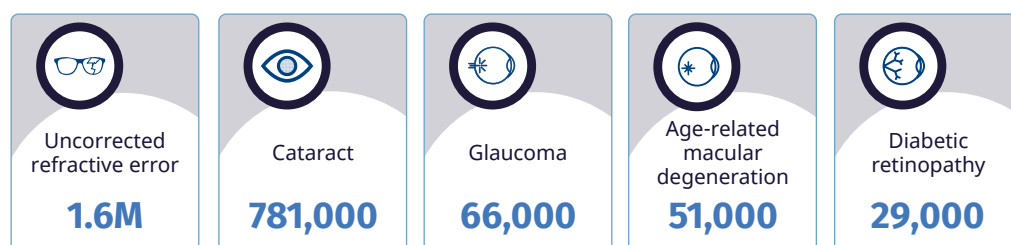
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

4,399 ophthalmologists
- optometrists
260 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **1**
Committees: **-**
Plans: **1**

Data

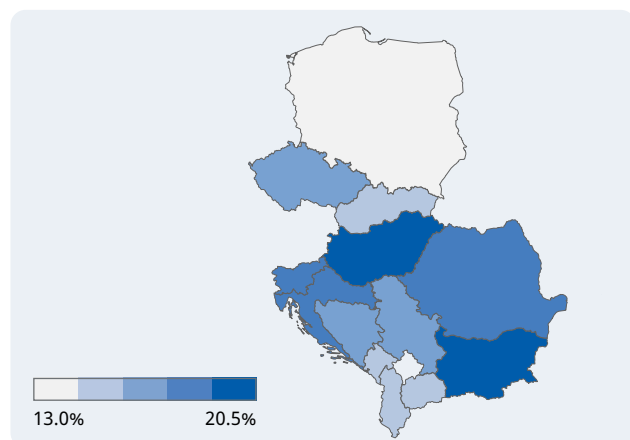
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **-**

Cataract surgeries

- annually

Prevalence of vision loss

Population: **114 million** Countries: **13**



Vision loss by age

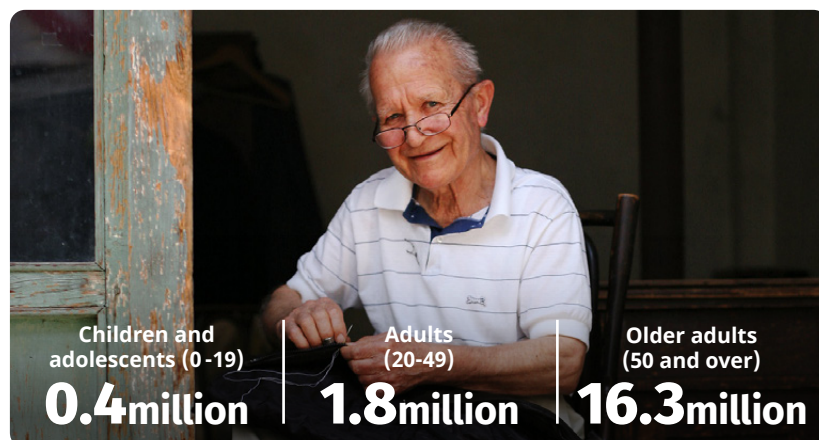
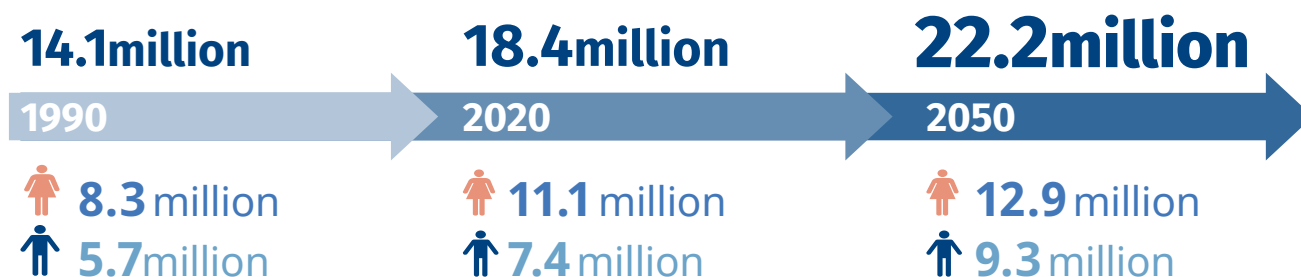


Image: Anna Yagodina

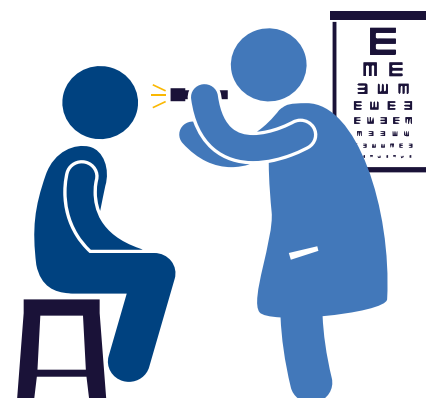
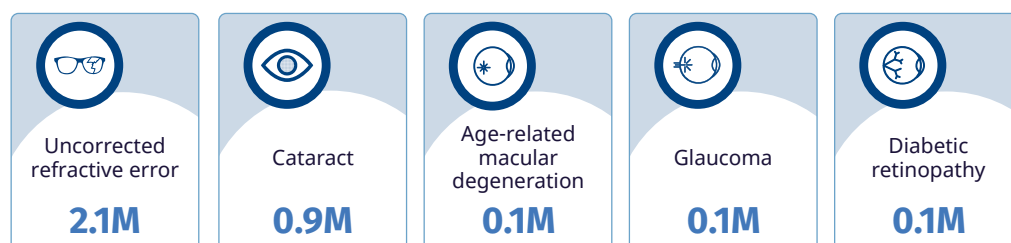
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

11,111 ophthalmologists
6,687 optometrists
1,700 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **-**
Committees: **1**
Plans: **-**

Data

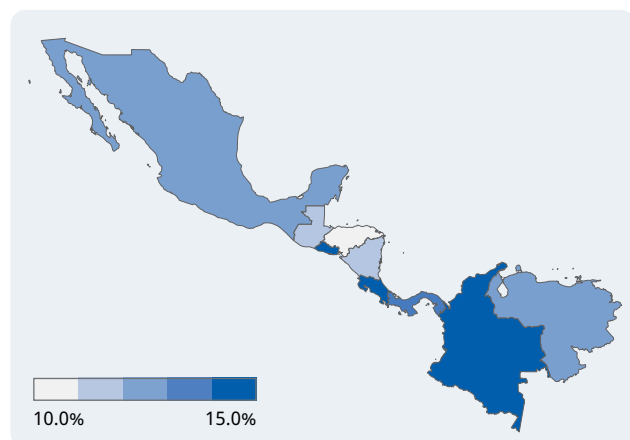
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **-**

Cataract surgeries

736,657 annually

Prevalence of vision loss

Population: **259 million** Countries: **9**



Vision loss by age

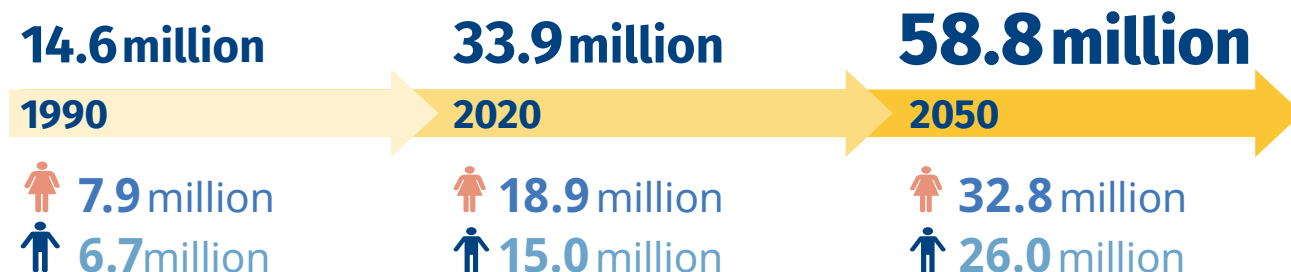


Image: Jenna Montgomery; International Relief Teams

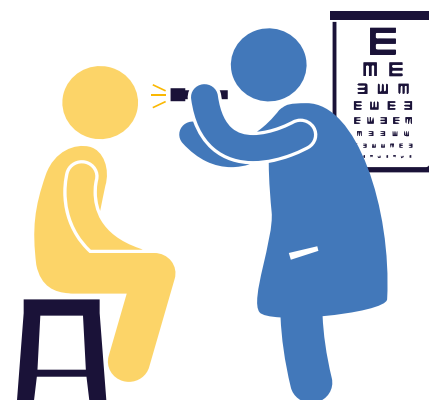
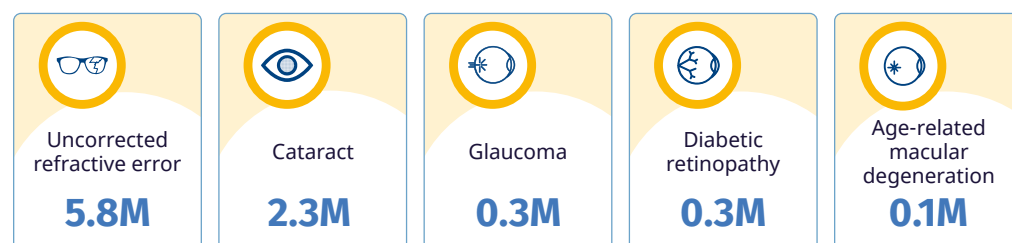
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

9,082 ophthalmologists
15,530 optometrists
5,625 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **8**
Committees: **9**
Plans: **6**

Data

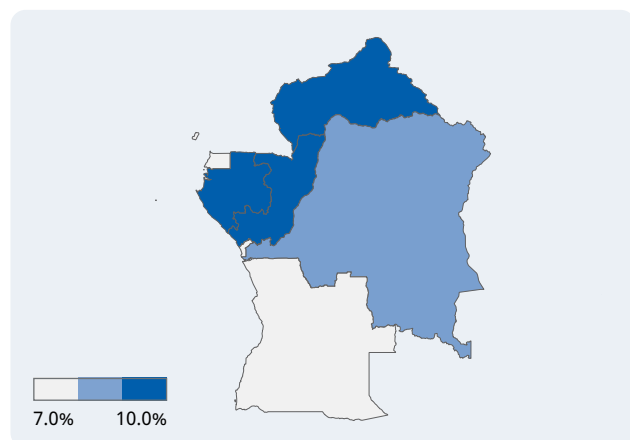
No. countries reporting:
Prevalence surveys: **7**
Service assessments: **1**

Cataract surgeries

394,238 annually

Prevalence of vision loss

Population: **136 million** Countries: **6**



Vision loss by age



Image: Andras D. Hajdu

Categories of vision loss

0.3 million people
0.2M Female
0.1M Male

Blindness

2.0 million people
1.1M Female
1.0M Male

Moderate to severe

3.8 million people
2.1M Female
1.7M Male

Mild

4.7 million people
2.6M Female
2.1M Male

Near

The number of people with vision loss is growing

4.8 million

1990

 **2.6 million**
 **2.2 million**

10.9 million

2020

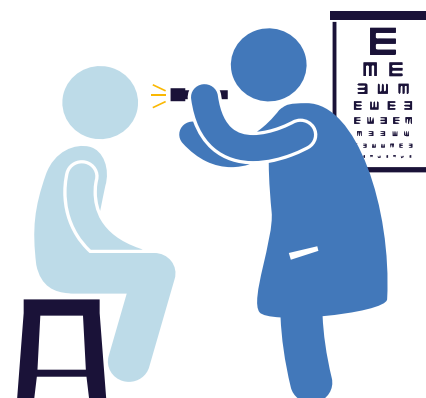
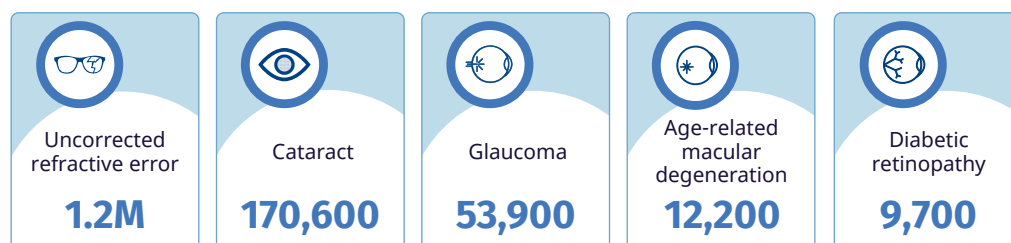
 **5.9 million**
 **4.9 million**

28.3 million

2050

 **15.5 million**
 **12.8 million**

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

152 ophthalmologists
114 optometrists
486 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **4**
Committees: **-**
Plans: **1**

Data

No. countries reporting:
Prevalence surveys: **2**
Service assessments: **-**

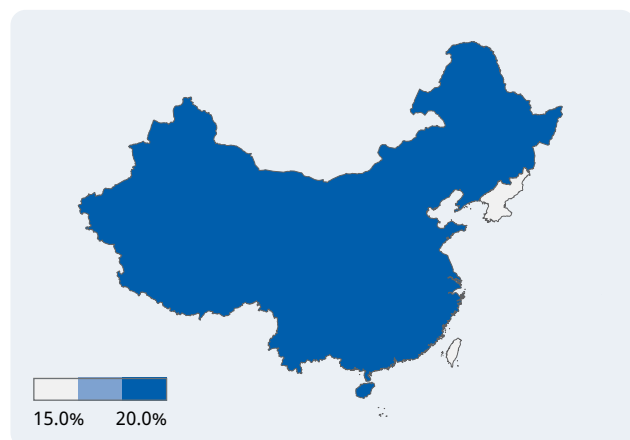
Cataract surgeries

- annually

For further information and definitions visit <https://www.iapb.org/learn/vision-atlas>. Data from VLEG/GBD 2020 model, via the IAPB Vision Atlas

Prevalence of vision loss

Population: **1,489 million** Countries: **3**



Vision loss by age

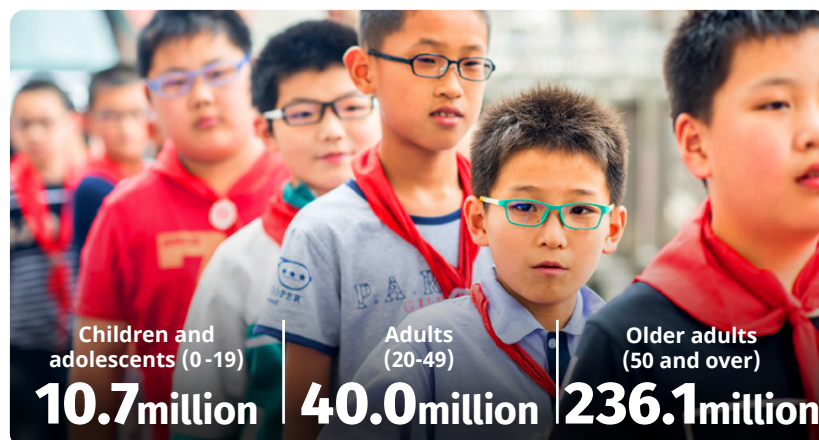


Image: Cathy

Categories of vision loss

9.1 million people
5.0M Female
4.1M Male

Blindness

53.9 million people
30.8M Female
23.1M Male

Moderate to severe

60.1 million people
34.1M Female
26.0M Male

Mild

163.6 million people
89.6M Female
74.0M Male

Near

The number of people with vision loss is growing

133.1million

1990

73.1 million
60.0 million

286.7million

2020

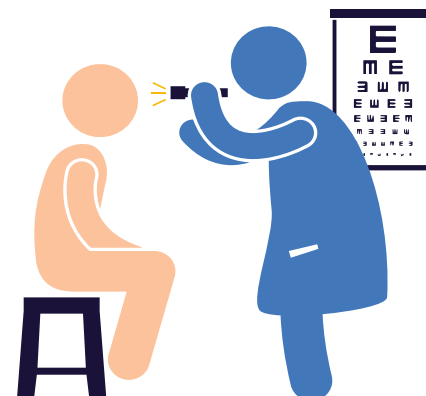
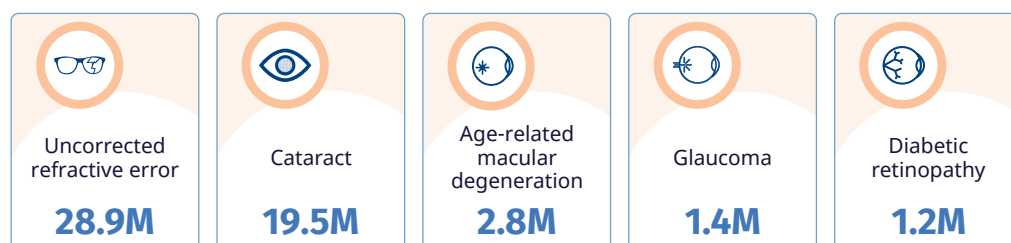
159.5 million
127.2 million

353.5million

2050

204.3 million
149.2 million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

39,071 ophthalmologists
2,100 optometrists
52,500 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **1**
Committees: **1**
Plans: **1**

Data

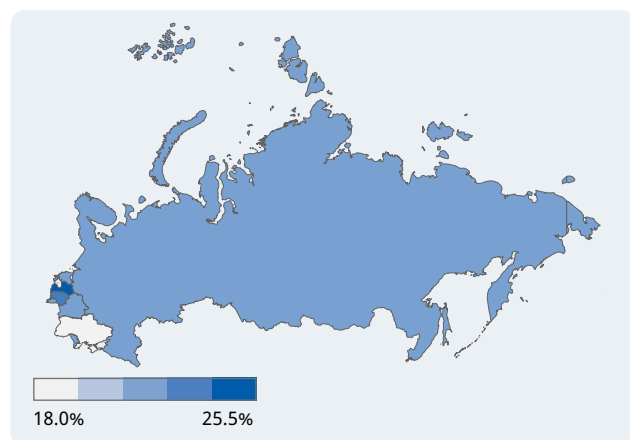
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **-**

Cataract surgeries

-

Prevalence of vision loss

Population: **209 million** Countries: **7**



Vision loss by age

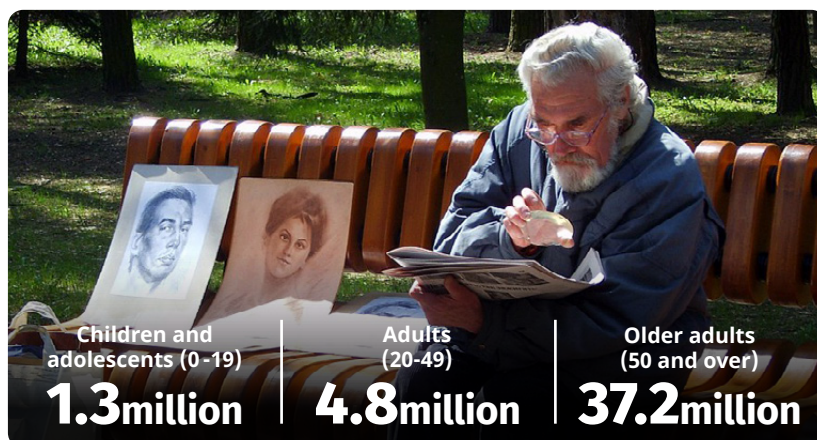
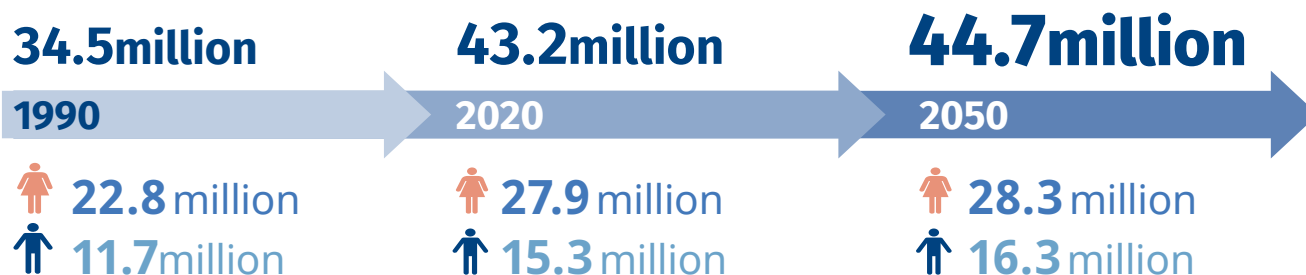


Image: Mikhail Hut

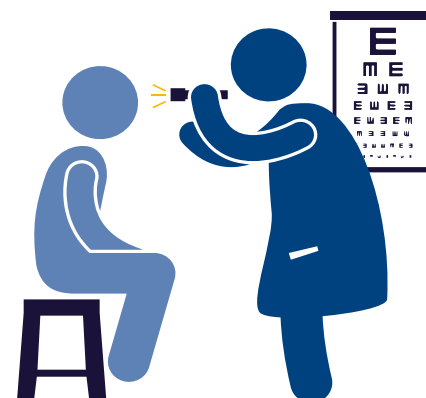
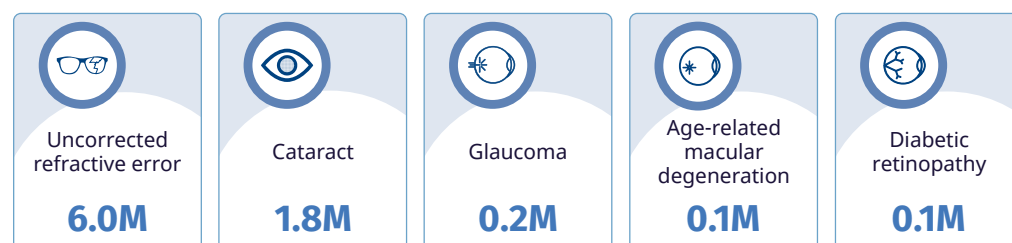
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

18,295 ophthalmologists
3,257 optometrists
- allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **1**
Committees: **1**
Plans: **-**

Data

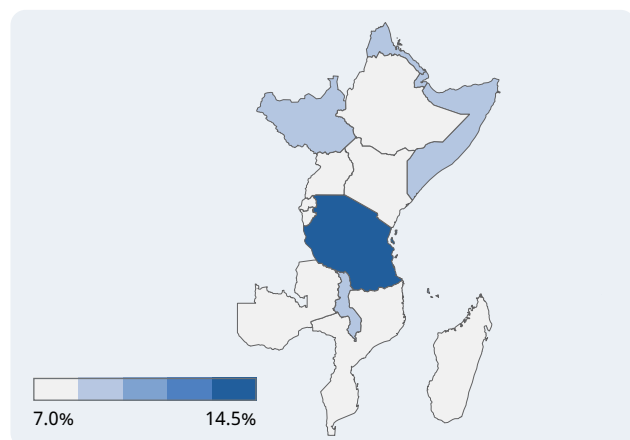
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **-**

Cataract surgeries

78,998 annually

Prevalence of vision loss

Population: **428 million** Countries: **15**



Vision loss by age



Image: Tino Soriano; WSD photo competition

Categories of vision loss

2.0 million people
1.1M Female
0.9M Male

Blindness

7.0 million people
3.8M Female
3.2M Male

Moderate to severe

11.3 million people
6.2M Female
5.2M Male

Mild

17.3 million people
9.3M Female
7.9M Male

Near

The number of people with vision loss is growing

18.3million

1990

9.7 million
8.6million

37.6million

2020

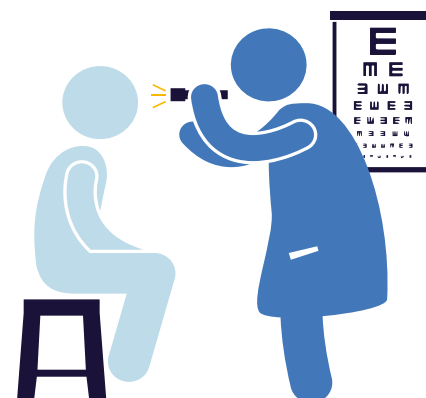
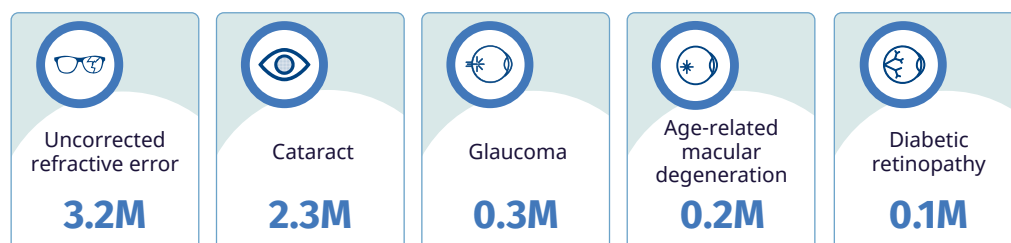
20.3 million
17.2million

95.8million

2050

53.5 million
42.3million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

532 ophthalmologists
1,466 optometrists
2,992 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **13**
Committees: **8**
Plans: **9**

Data

No. countries reporting:
Prevalence surveys: **12**
Service assessments: **4**

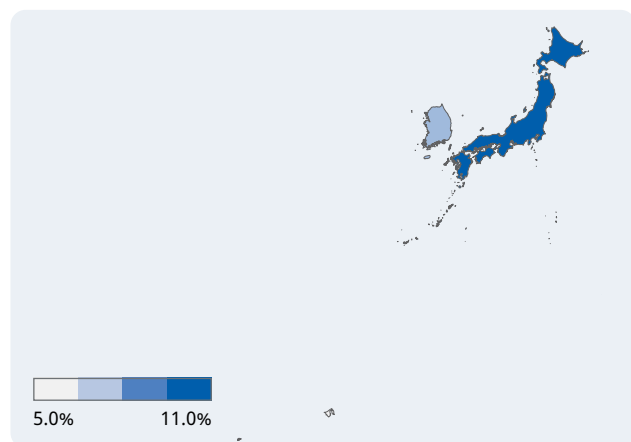
Cataract surgeries

189,605 annually

For further information and definitions visit <https://www.iapb.org/learn/vision-atlas>. Data from VLEG/GBD 2020 model, via the IAPB Vision Atlas

Prevalence of vision loss

Population: **184 million** Countries: **4**



Vision loss by age

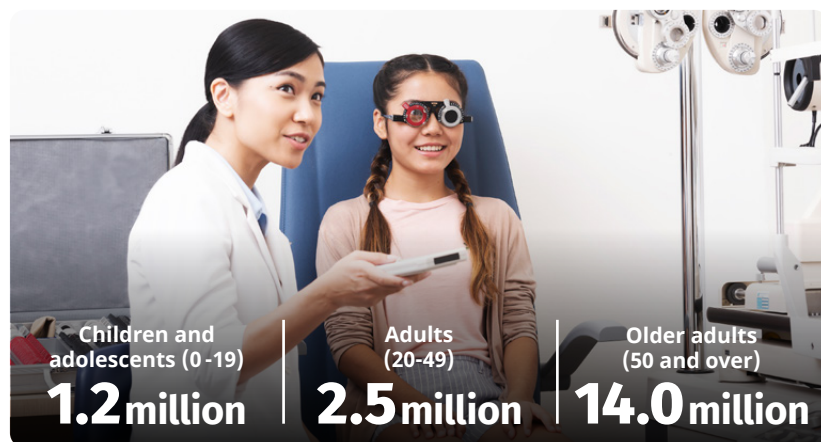


Image: SNEC

Categories of vision loss

0.5 million people
0.3M Female
0.3M Male

Blindness

5.3 million people
3.0M Female
2.4M Male

Moderate to severe

9.8 million people
5.8M Female
4.0M Male

Mild

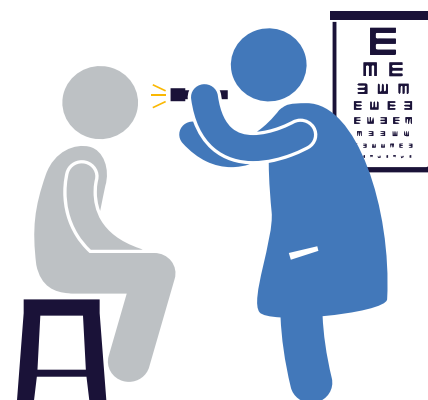
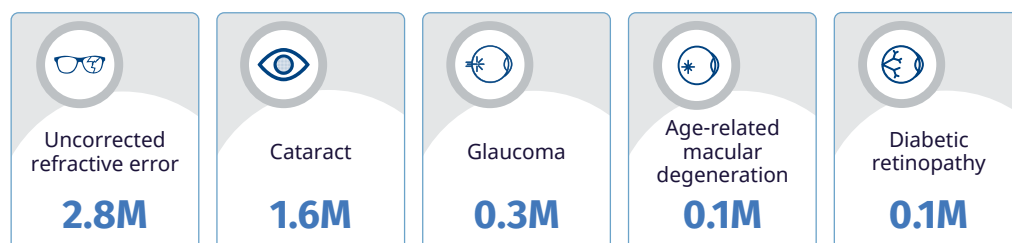
2.0 million people
1.2M Female
0.8M Male

Near

The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

18,119 ophthalmologists
47,466 optometrists
12,416 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **-**
Committees: **1**
Plans: **-**

Data

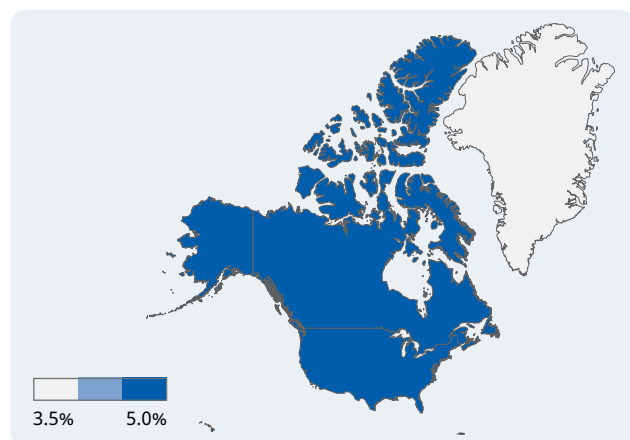
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **1**

Cataract surgeries

1,310,520 annually

Prevalence of vision loss

Population: **369 million** Countries: **3**

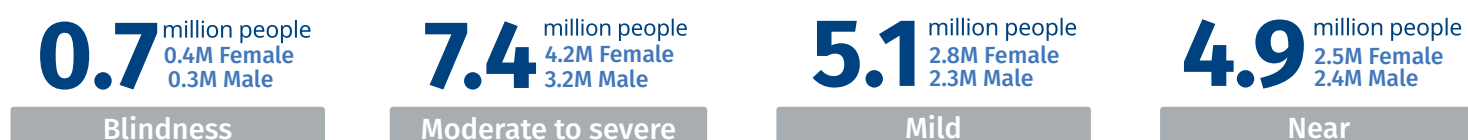


Vision loss by age



Image: UN vision screening

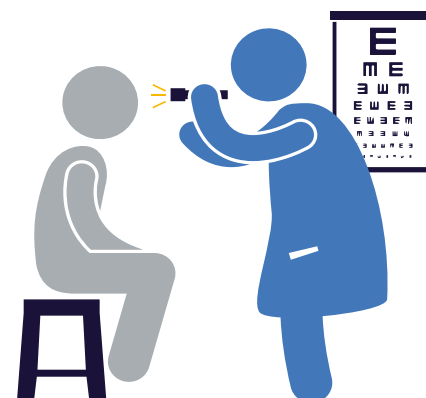
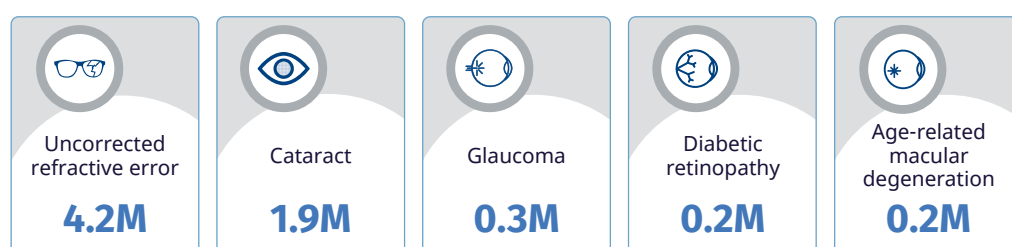
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

18,821 ophthalmologists
42,600 optometrists
50,000 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: -
Committees: -
Plans: **1**

Data

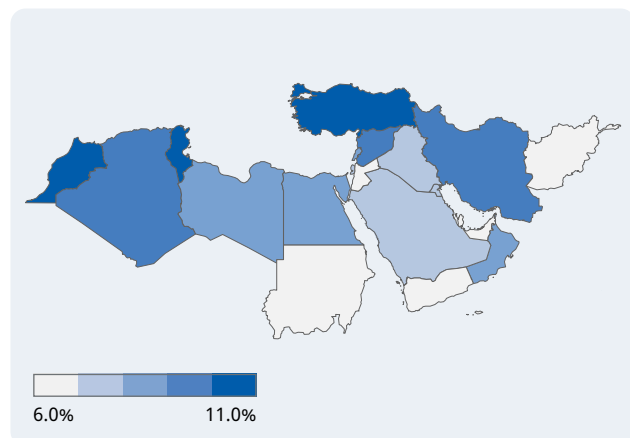
No. countries reporting:
Prevalence surveys: **1**
Service assessments: -

Cataract surgeries

- annually

Prevalence of vision loss

Population: **621 million** Countries: **21**



Vision loss by age



Image: mansour mohsen

Categories of vision loss

3.1 million people
1.6M Female
1.5M Male

Blindness

21.8 million people
11.3M Female
10.6M Male

Moderate to severe

14.4 million people
7.4M Female
7.1M Male

Mild

14.5 million people
7.5M Female
6.9M Male

Near

The number of people with vision loss is growing

26.6 million

1990

13.7 million
12.9 million

53.8 million

2020

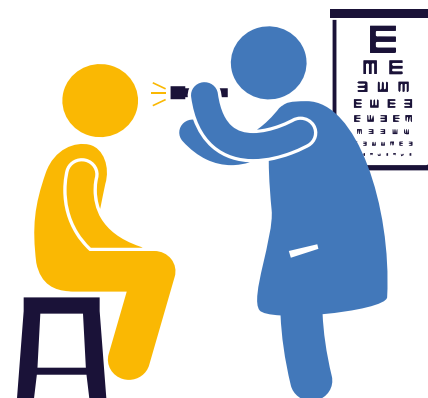
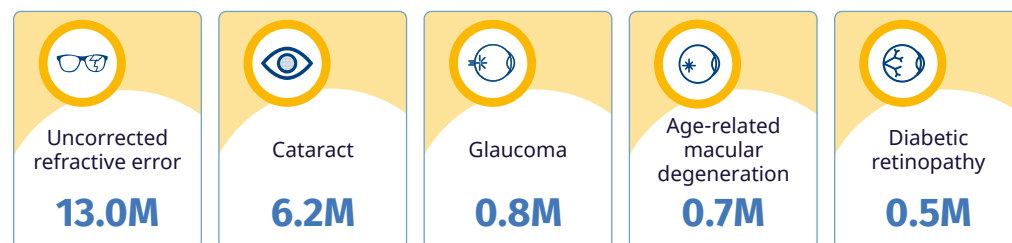
27.8 million
26.0 million

116.1 million

2050

61.6 million
54.5 million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

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

National eye health

No. countries reporting:
Coordinators: **13**
Committees: **7**
Plans: **12**

Data

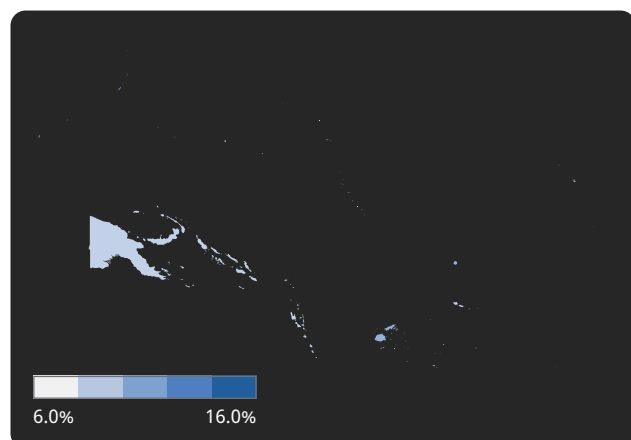
No. countries reporting:
Prevalence surveys: **15**
Service assessments: **6**

Cataract surgeries

491,706 annually

Prevalence of vision loss

Population: **12 million** Countries: **18**

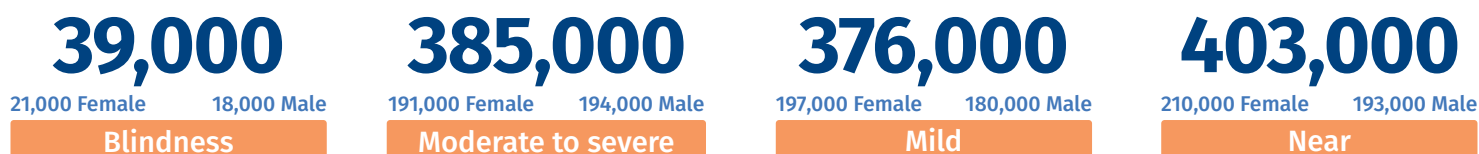


Vision loss by age

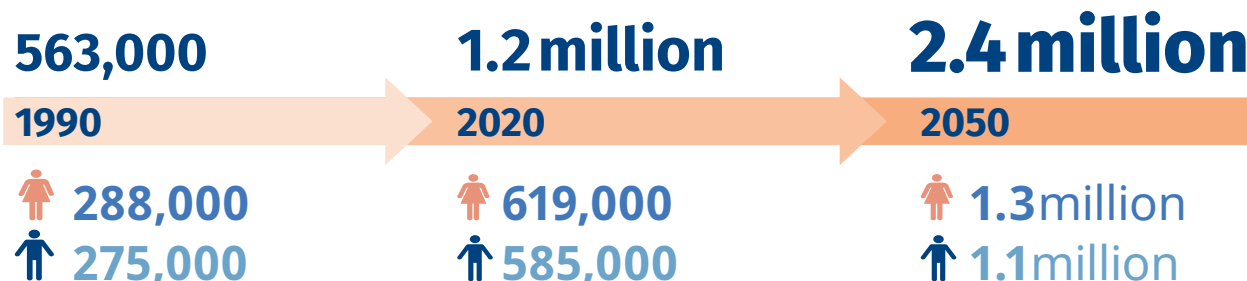


Image: Darren James; The Fred Hollows Foundation NZ

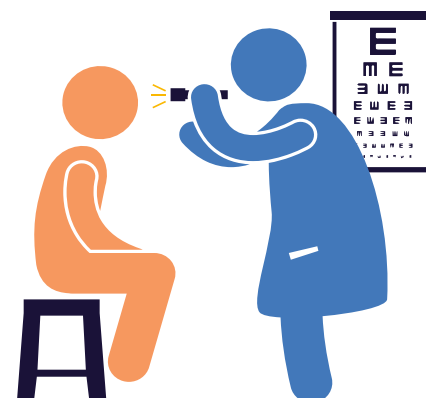
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

35 ophthalmologists
39 optometrists
236 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **5**
Committees: **4**
Plans: **2**

Data

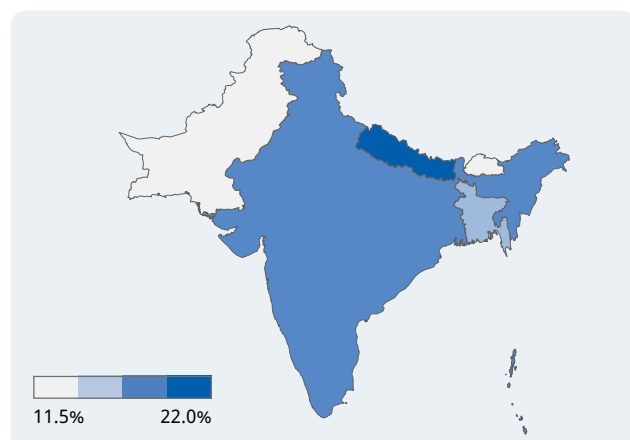
No. countries reporting:
Prevalence surveys: **6**
Service assessments: **3**

Cataract surgeries

- annually

Prevalence of vision loss

Population: **1,795 million** Countries: **5**



Vision loss by age

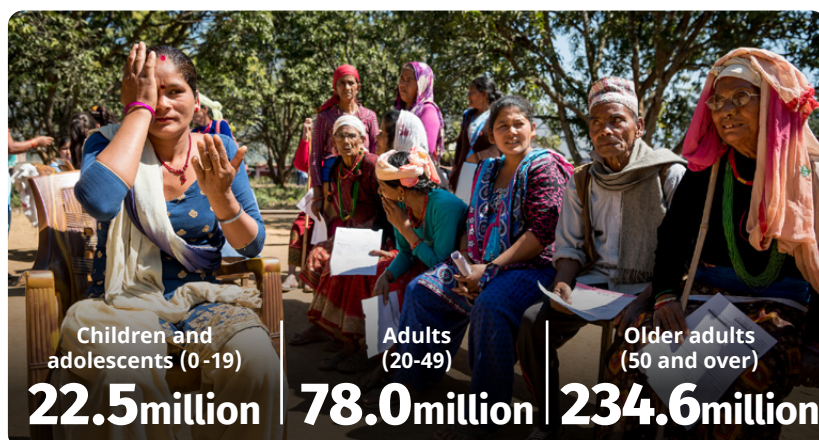
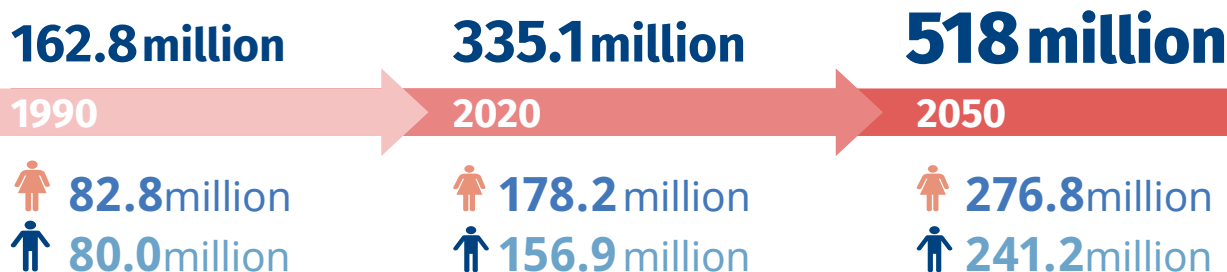


Image: Swiss Red Cross, Remo Nægeli; WSD photo competition

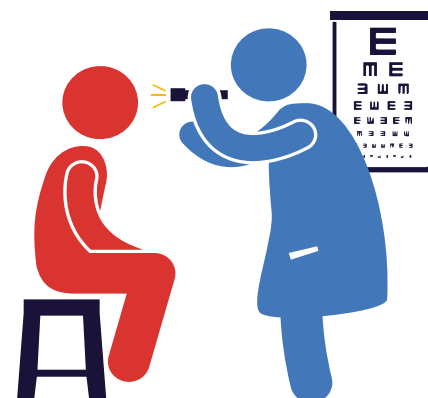
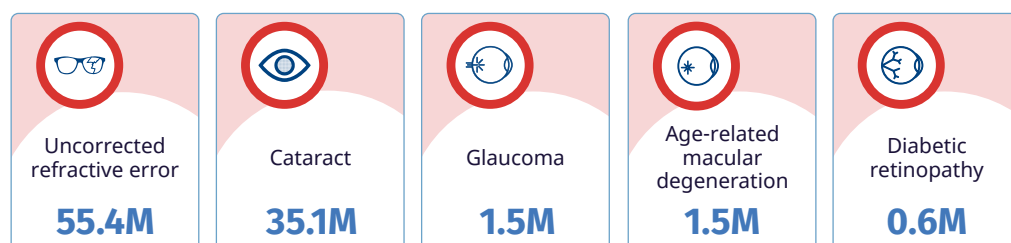
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

26,248 ophthalmologists
57,738 optometrists
44,589 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **5**
Committees: **4**
Plans: **5**

Data

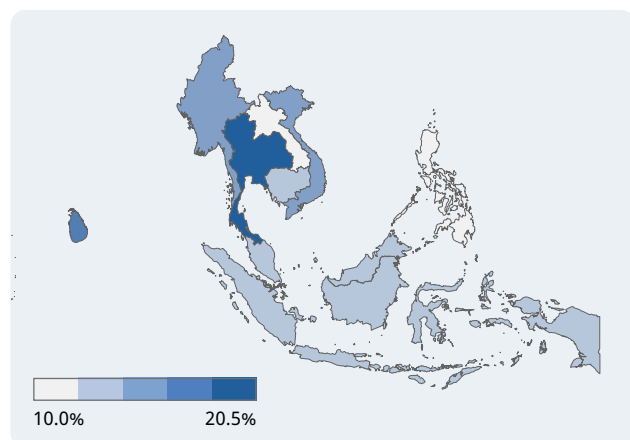
No. countries reporting:
Prevalence surveys: **5**
Service assessments: **4**

Cataract surgeries

500,000 annually

Prevalence of vision loss

Population: **686 million** Countries: **13**

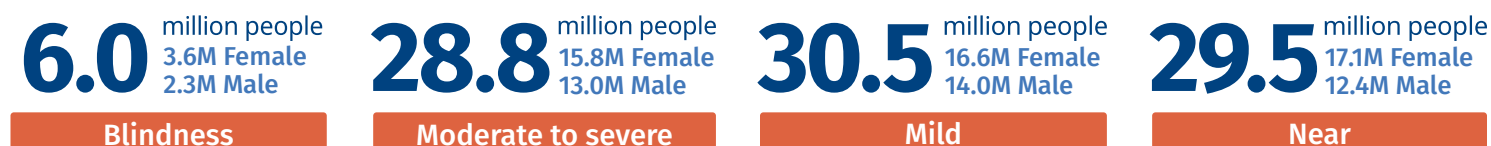


Vision loss by age

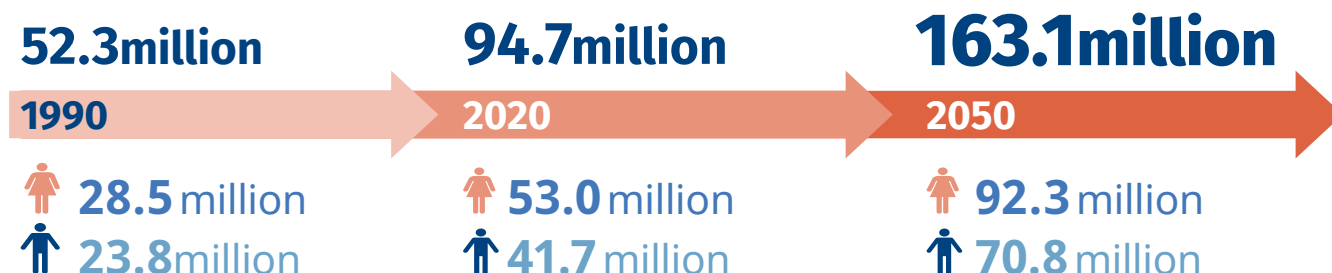


Image: Nguyễn Hữu Thông; Alina Vision Vietnam; WSD photo competition

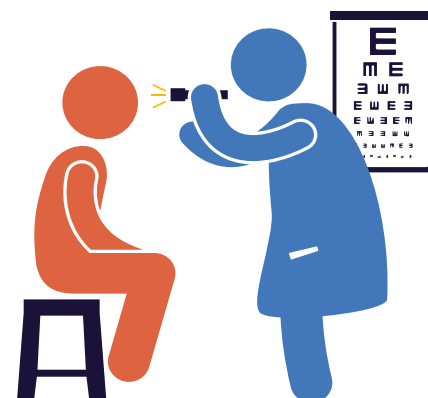
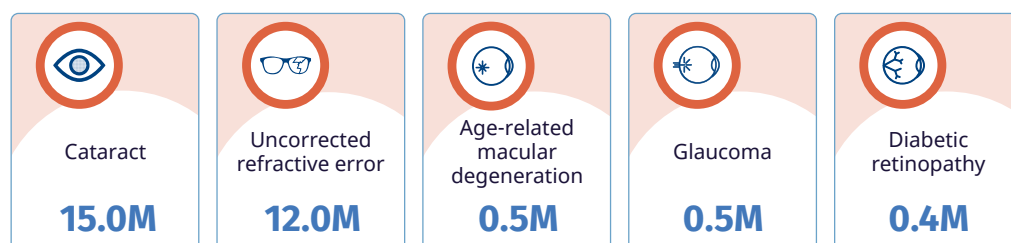
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

6,728 ophthalmologists
17,510 optometrists
7,559 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **12**
Committees: **9**
Plans: **9**

Data

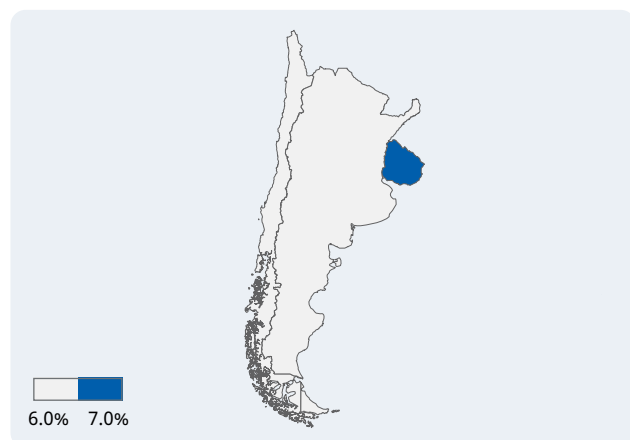
No. countries reporting:
Prevalence surveys: **11**
Service assessments: **10**

Cataract surgeries

445,449 annually

Prevalence of vision loss

Population: **68 million** Countries: **3**



Vision loss by age

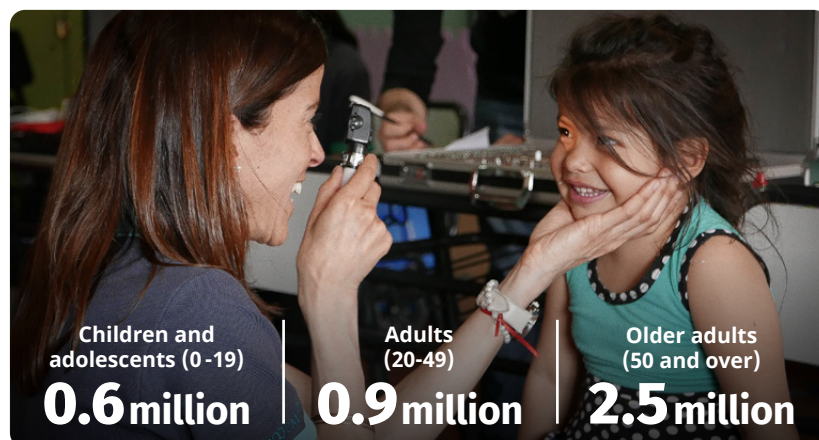


Image: Mariana Bettanin

Categories of vision loss

0.2 million people
0.1M Female
0.1M Male

Blindness

2.1 million people
1.2M Female
0.9M Male

Moderate to severe

1.3 million people
0.7M Female
0.6M Male

Mild

0.5 million people
0.3M Female
0.2M Male

Near

The number of people with vision loss is growing

2.6 million

1990

1.4 million
1.2 million

4.1 million

2020

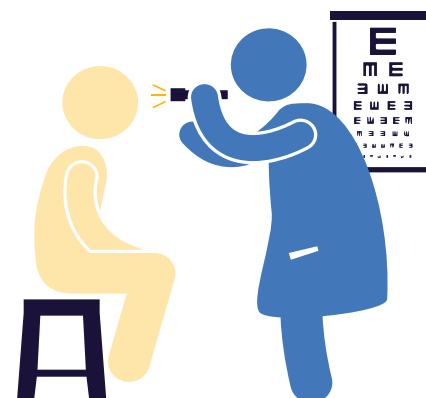
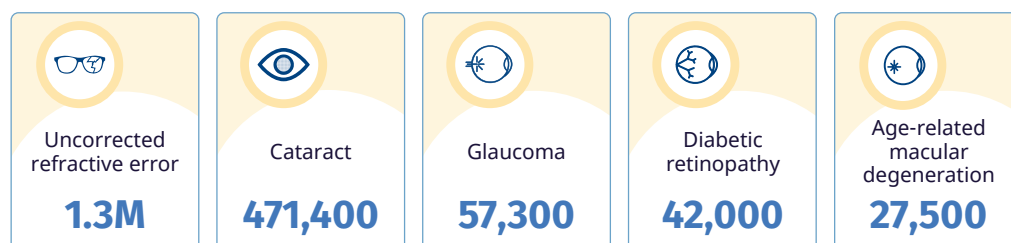
2.3 million
1.8 million

7.0 million

2050

3.9 million
3.0 million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

5,613 ophthalmologists
1,215 optometrists
1,618 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **3**
Committees: **3**
Plans: **-**

Data

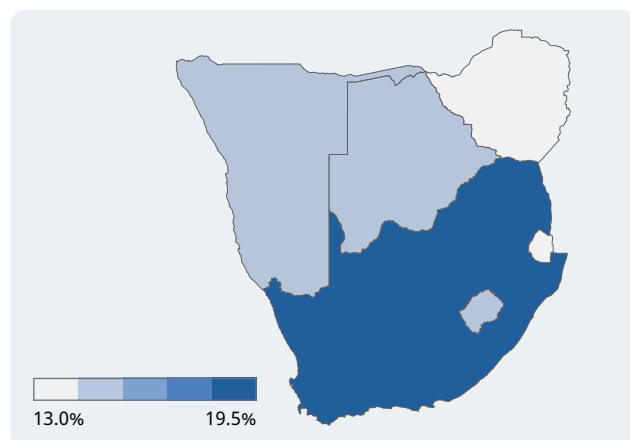
No. countries reporting:
Prevalence surveys: **3**
Service assessments: **-**

Cataract surgeries

333,724 annually

Prevalence of vision loss

Population: **82 million** Countries: **6**



Vision loss by age

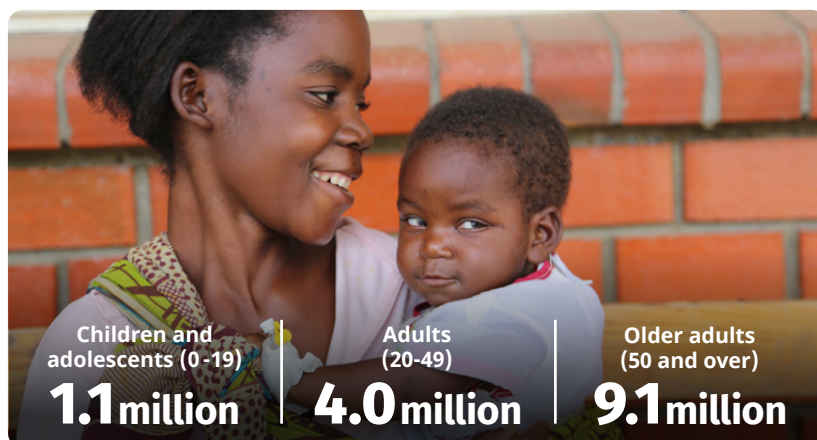


Image: Helen White, Orbis; WSD comp

Categories of vision loss

0.5 million people
0.3M Female
0.2M Male

Blindness

1.6 million people
0.6M Female
0.7M Male

Moderate to severe

2.5 million people
1.4M Female
1.1M Male

Mild

9.6 million people
5.6M Female
4.0M Male

Near

The number of people with vision loss is growing

7.1million

1990

4.0 million
3.1 million

14.1million

2020

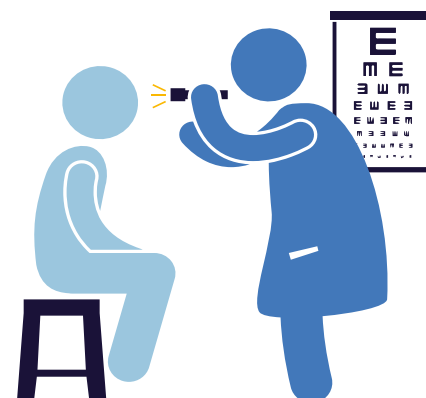
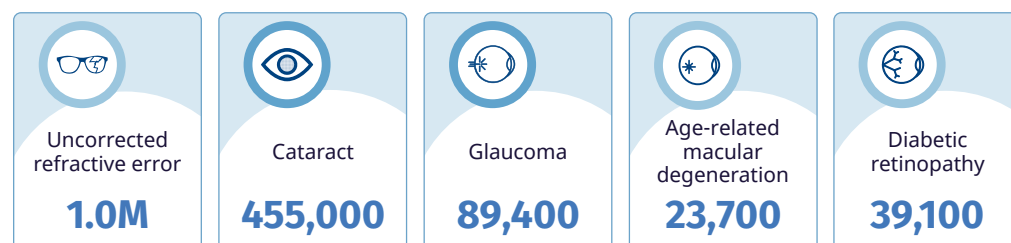
8.1 million
6.0 million

19.3million

2050

11.1 million
8.2 million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

336 ophthalmologists
4,038 optometrists
419 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **4**
Committees: **2**
Plans: **5**

Data

No. countries reporting:
Prevalence surveys: **3**
Service assessments: **1**

Cataract surgeries

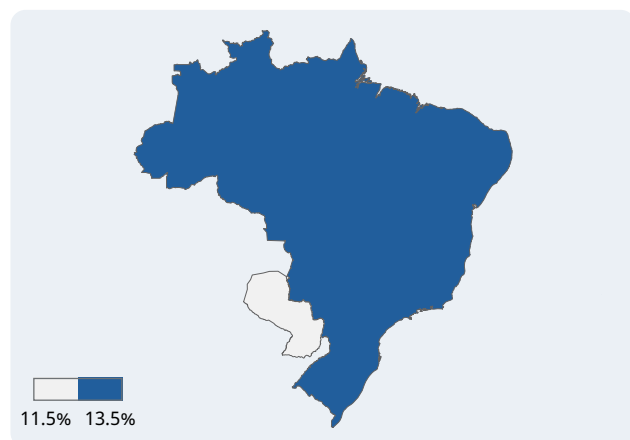
57,287 annually

For further information and definitions visit <https://www.iapb.org/learn/vision-atlas>. Data from VLEG/GBD 2020 model, via the IAPB Vision Atlas

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: **220 million** Countries: **2**



Vision loss by age



Image: Dr. Patrícia Sugino

Categories of vision loss

1.8 million people
1.0M Female
0.8M Male

Blindness

10.3 million people
5.7M Female
4.6M Male

Moderate to severe

8.5 million people
4.7M Female
3.7M Male

Mild

8.8 million people
4.9M Female
4.0M Male

Near

The number of people with vision loss is growing

14.6 million

1990

7.9 million
6.7 million

29.4 million

2020

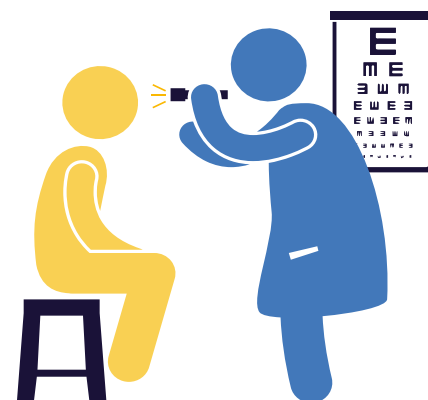
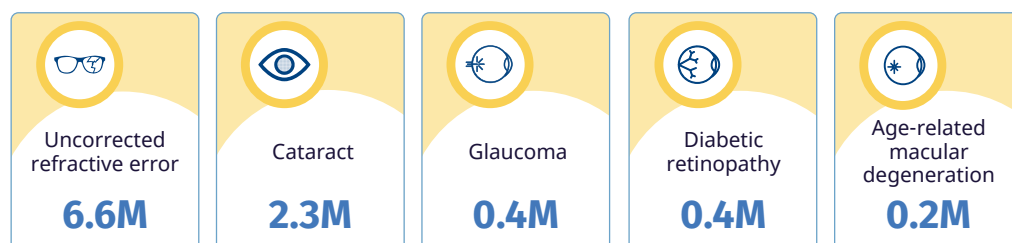
16.3 million
13.1 million

57.5 million

2050

32.6 million
24.9 million

Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

14,216 ophthalmologists
3,500 optometrists
432 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **2**
Committees: **2**
Plans: **1**

Data

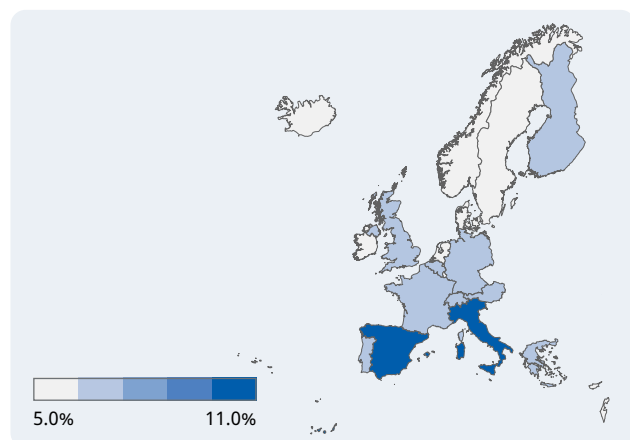
No. countries reporting:
Prevalence surveys: **2**
Service assessments: **-**

Cataract surgeries

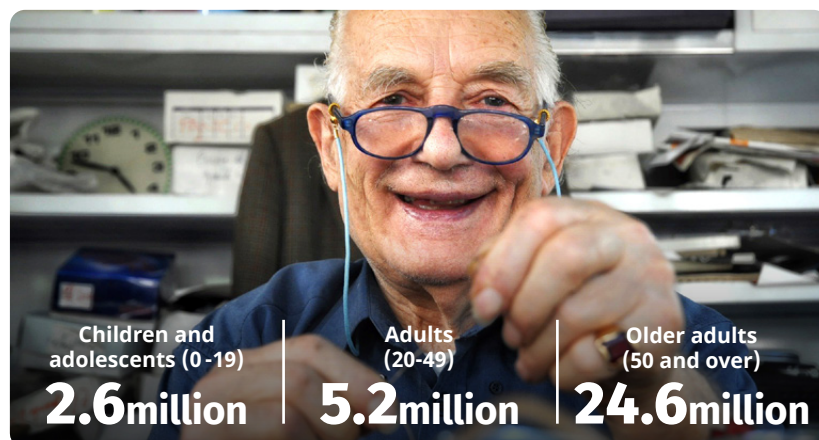
654,032 annually

Prevalence of vision loss

Population: **434 million** Countries: **24**



Vision loss by age



Lia Marmelstein; Eye Care Foundation; WSD photo competition

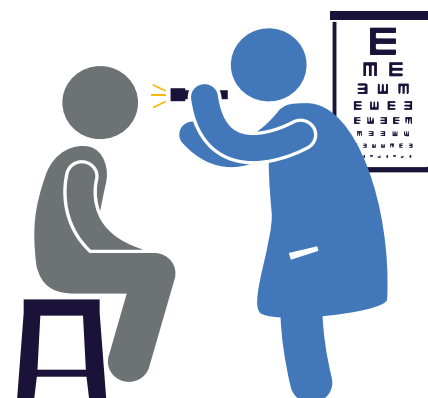
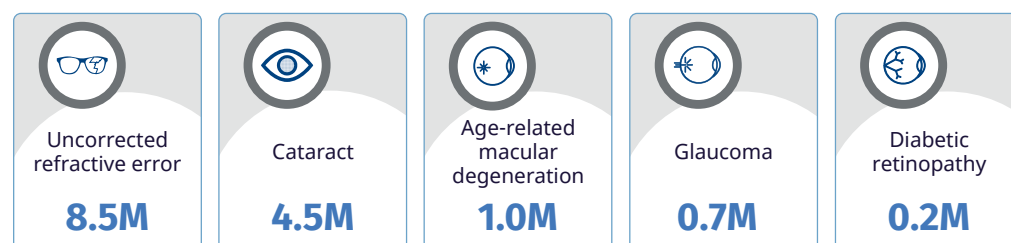
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

37,936 ophthalmologists
112,570 optometrists
1,106 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: -
Committees: -
Plans: **2**

Data

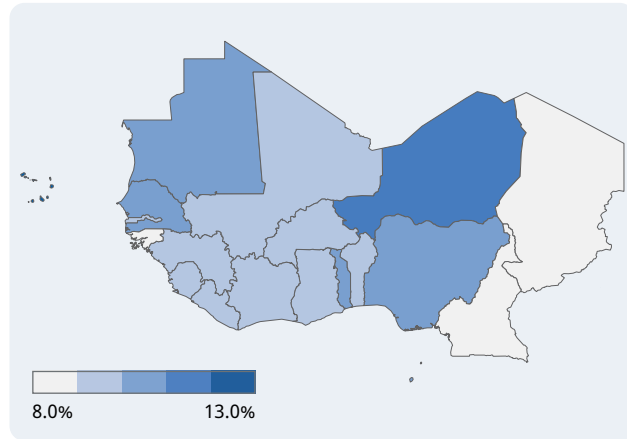
No. countries reporting:
Prevalence surveys: **13**
Service assessments: -

Cataract surgeries

4,222,850 annually

Prevalence of vision loss

Population: **445 million** Countries: **19**



Vision loss by age

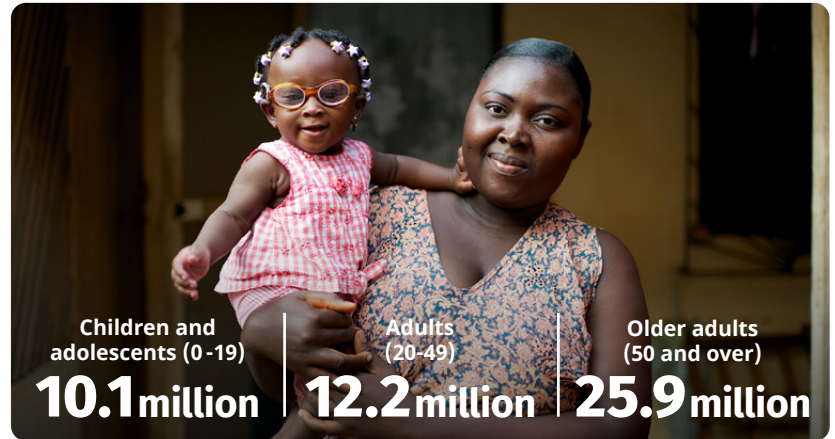
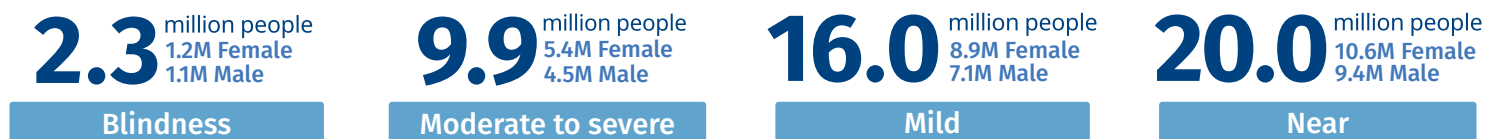
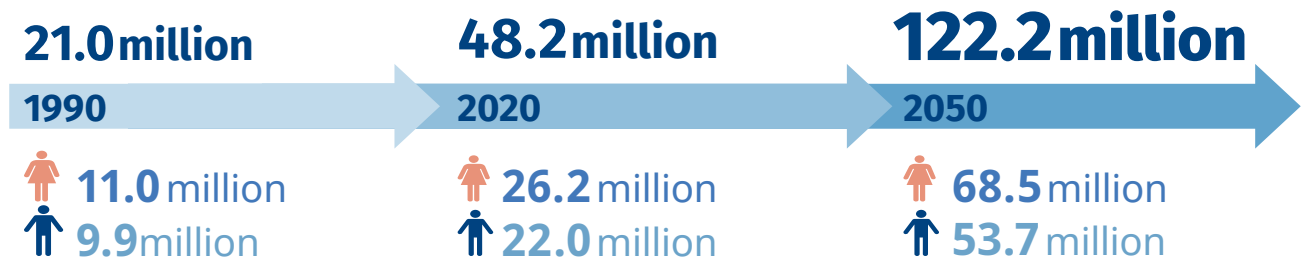


Image: Photo by Kelvin Young / HelpMeSee; WSD photo competition

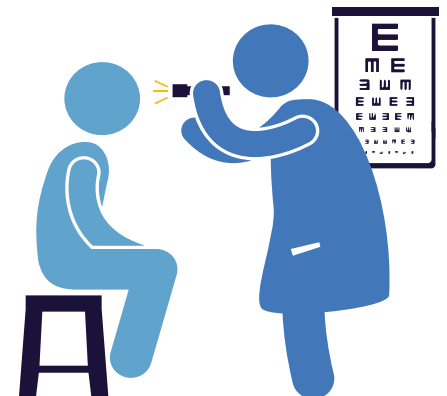
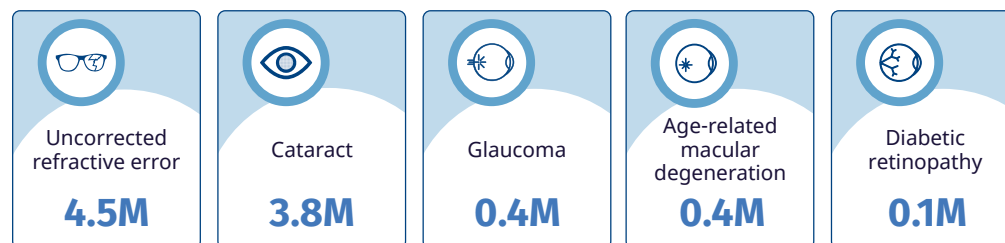
Categories of vision loss



The number of people with vision loss is growing



Top five causes of blindness and moderate to severe vision loss



Eye care service indicators

Human resources

1,179 ophthalmologists
3,864 optometrists
4,134 allied ophthalmic personnel

National eye health

No. countries reporting:
Coordinators: **18**
Committees: **9**
Plans: **9**

Data

No. countries reporting:
Prevalence surveys: **12**
Service assessments: **6**

Cataract surgeries

171.213 annually