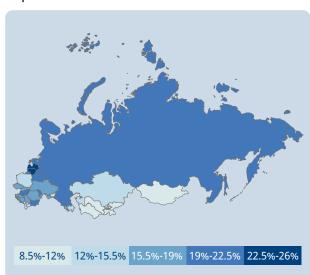


Central Europe, Eastern Europe, and Central Asia **GBD Super Region snapshot**

Prevalence of vision loss

Population: 417 million



Categories of vision loss

0.9M Female

0.6M Male

Blindness

5.7M Female

Mild

3.9M Male

27.2M Female

0.3M

11.4M Female

Near

18.0M

Moderate to severe

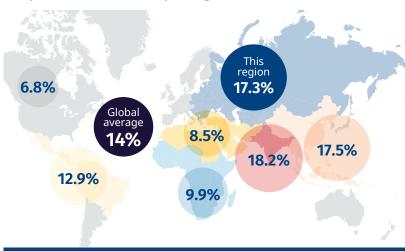
Vision loss by age



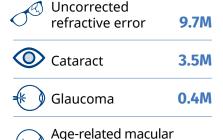
(20-49)8.6 million

Older adults (50 and over) 60.9 million

Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss





degeneration

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 number of people with vision loss is growing

55.5 million	72.2 million	85.8 million
1990	2020	2050
35.3 million † 20.3 million †	45.1 million ↑ 27.0 million ↑	52.4 million ↑ 33.4 million ↑

Eye care service indicators

Countries: 29 **Cataract surgeries** 818,655 annually





National eye health

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

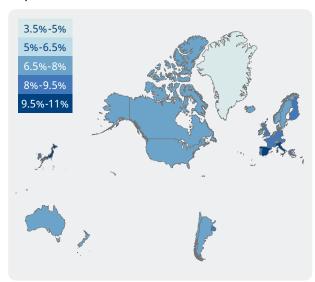
Human resources

33,805 ophthalmologists 5,465 optometrists 1,960 allied ophthalmic personnel

No. countries reporting: Prevalence surveys: 9 Service assessments: 0

Prevalence of vision loss

Population: 1.085 million



Categories of vision loss

1.7M Female 1.3M Male

Blindness

15.9M FEMALE **11.7M MALE**

Uncorrected

MILD

17.4M Female Moderate to severe

6.8M FEMALE

5.4M MALE **NEAR**

Vision loss by age



Children and adolescents (0-19)

6.5 million

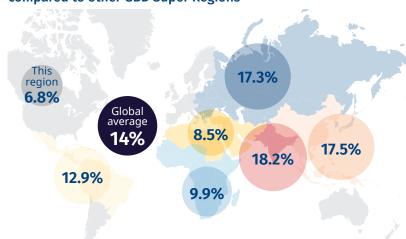
Adults (20-49)11.9 million

Image: UN vision screening



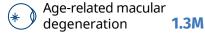
Image: Michael Amendolia The Fred Hollows Foundation

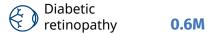
Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss

refractive error	17.2M
Cataract	8.7M
Glaucoma	1.4M





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 number of people with vision loss is growing

49.6 million	73.9 million	113.3 million
1990	2020	2050
28.3 million † 21.3 million †	41.9 million ↑ 32.0 million ↑	62.6 million † 50.7 million †

Eye care service indicators

Countries: 36 **Cataract surgeries** 6,032,094 annually



National eye health

No. countries reporting: Coordinators: 3 Committees: 5 Plans: 3

Human resources

81,080 ophthalmologists 129,118 optometrists 64.537 allied ophthalmic personnel

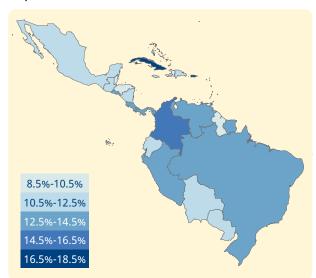
No. countries reporting: Prevalence surveys: 20 Service assessments: 2



Latin America and Caribbean Region GBD Super Region snapshot

Prevalence of vision loss

Population: 585 million



Categories of vision loss

2M Female

1.7M Male **Blindness**

Incorrected

Diabetic

retinopathy

11.8M Female

9.7M Male Mild

24.5M

13.5M Female Moderate to severe

15.3M Female 12.6M Male

Near

0.7M

Vision loss by age



Children and adolescents (0-19)

7.3 million

Adults (20-49)15.7 million

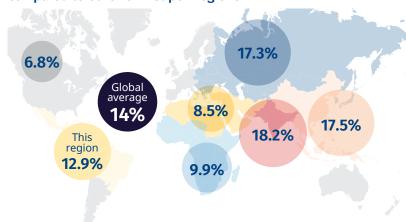
Older adults (50 and over) 54.5 million

Image: Gioconda Armas

Image: Trinidad and tobago WSD event committee Image: Jenna Montgomery

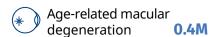
55% of people with vision loss are **women and girls**

Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss

14.9M
5.8M
M8.0



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 number of people with vision loss is growing

36.5 million	77.5 million	140 million
1990	2020	2050
19.6 million † 16.9 million †		78.4 million ↑ 61.9 million ↑

Eye care service indicators

Countries: 33 **Cataract surgeries** 1,206,853 annually





National eye health

No. countries reporting: Coordinators: 22 Committees: 18 Plans: 9

Human resources

27,754 ophthalmologists 20,142 optometrists 8,259 allied ophthalmic personnel

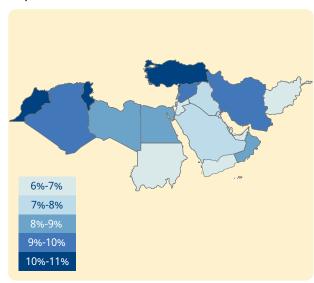
No. countries reporting: Prevalence surveys: 18 Service assessments: 4



North Africa and Middle East GBD Super Region snapshot

Prevalence of vision loss

Population: 621 million



Categories of vision loss

3.1M

1.6M Female

1.5M Male

Blindness

14.4M

7.4M Female

7.1M Male

Mild

14.5N

'.5M Female 6.9M Mal

Moderate to severe

Near

Vision loss by age



Adults (20-49) **12.7**million

Image: Julia Gunther



Image: Jalal Bonyani

Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss

O CO	Uncorrected refractive error	13.0M
0	Cataract	6.2M
*	Glaucoma	0.8M
*	Age-related macu	lar



0.7M

degeneration

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 number of people with vision loss is growing

26.6 million	53.8 million	116.1million	
1990	2020	2050	
13.7 million † 12.9 million †	27.8 million ↑ 26.0 million ↑	61.6 million † 54.5 million †	

Eye care service indicators

Countries: 21
Cataract surgeries
491,706 annually



National eye health

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

Human resources

21,236 ophthalmologists9,527 optometrists30,505 allied ophthalmic personnel

Data

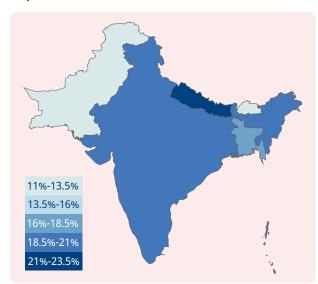
No. countries reporting:
Prevalence
surveys: 15
Service
assessments: 6



South AsiaGBD Super Region snapshot

Prevalence of vision loss

Population: 1,795 million



Categories of vision loss

11.9M

6.4M Female

5.6M Male

Blindness

60.1M

Mild

32.0M Female

28.1M Male

96.2M

51.4M Female 44.9M Ma

Moderate to severe

166.8M

9 FM Female 70 2M

Near

Vision loss by age



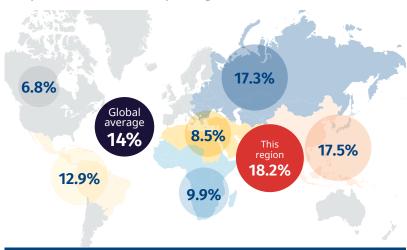
Adults (20-49)
78.0 million

Older adults (50 and over)

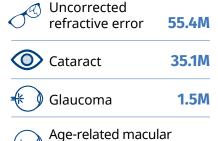
234.6 million

Image: Dickson Charles Image: Steele Burrov

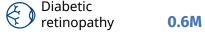
Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss







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 number of people with vision loss is growing

162.8 million	335.1million	518.0 million
1990	2020	2050

82.8 million ↑ 178.2 million ↑ 276.8 million ↑ 80.0 million ↑ 156.9 million ↑ 241.2 million ↑

Eye care service indicators

Countries: 5

Cataract surgeries 500,000 annually





National eye health

No. countries reporting: Coordinators: 5 Committees: 4

Human resources

Plans: 5

26,248 ophthalmologists 11,038 optometrists

44,589 allied ophthalmic personnel

Data

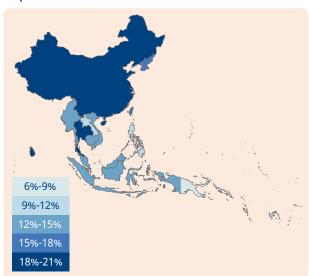
No. countries reporting:
Prevalence
surveys: 5
Service
assessments: 4



Southeast Asia, East Asia, and Oceania **GBD Super Region snapshot**

Prevalence of vision loss

Population: 2,186 million



Categories of vision loss

8.6M Female

6.5M Male

50.9M Female

Mild

83.1M

46.8M Female Moderate to severe

106.8M Female

Vision loss by age





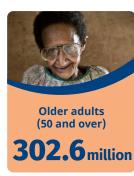
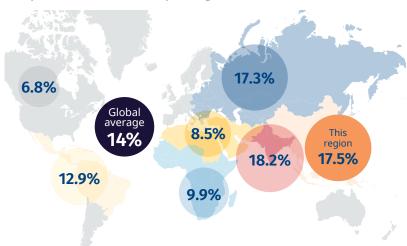


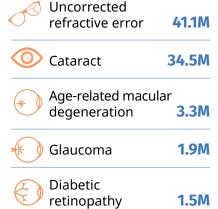
Image: Aildrene Israel Tan

Image: Lea Emerso

Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss



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

1.5M

Data from VLEG/GBD 2020 model, via the IAPB Vision Atlas The number of people with vision loss is growing

382.6 million **519.0 million** 186.0 million 1990 2020 2050 **297.9** million **? 101.9** million **1 213.1** million **? 84.1** million **169.5** million **221.1** million **†**

Eye care service indicators

Countries: 34 **Cataract surgeries** 449,429 annually



National eye health

No. countries reporting: Coordinators: 18 Committees: 14 Plans: 12

Human resources

45,835 ophthalmologists 10,144 optometrists

60,295 allied ophthalmic personnel

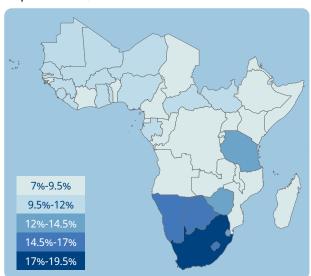
No. countries reporting: Prevalence surveys: 20 Service

assessments: 13

Sub-Saharan Africa GBD Super Region snapshot

Prevalence of vision loss

Population: 1,092 million



Categories of vision loss

8.6M Female

6.5M Male

Blindness

Mild

50.9M Female

40.2M Male

106.8M Female

20.4N

Moderate to severe

46.8M Female

Near

Vision loss by age



20.8 million

Image: Louis Leeson



Adults (20-49)

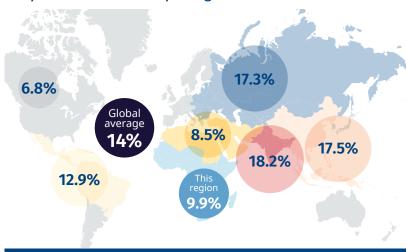
28.8 million

Image: Steele Burrow



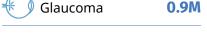
Image: Lea Emerson

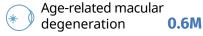
Prevalence of vision loss compared to other GBD Super Regions



Top five causes of blindness and moderate to severe vision loss









For further information and definitions visit https://www.iapb. org/learn/vision-atlas Data from VLEG/GBD 2020

The number of people with vision loss is growing

51.2 million	110.7 million	265.6 million
1990	2020	2050
	60.6 million 🛉	148.6 million 🛉
23.9 million 1	50.2 million †	117.0 million †

Eye care service indicators

Countries: 46 **Cataract surgeries** 429,168 annually



National eye health

No. countries reporting: Coordinators: 39 Committees: 19 Plans: 24

Human resources

2,199 ophthalmologists 9,299 optometrists

8,031 allied ophthalmic personnel

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