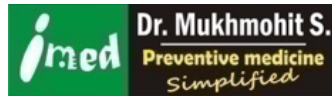




NATIONAL BLINDNESS & VISUAL IMPAIRMENT SURVEY INDIA 2015-2019 – A SUMMARY REPORT



Definitions used in the National blindness and visual impairment survey

Table 1: Definitions of blindness and visual impairment

Blindness	Presenting visual acuity < 3/60 in better eye with available correction
Severe visual impairment (SVI)	Presenting visual acuity < 6/60 – 3/60 in better eye with available correction
Moderate visual impairment (MVI)	Presenting visual acuity < 6/18 – 6/60 in better eye with available correction
Early visual impairment (EVI)	Presenting visual acuity < 6/12 – 6/18 in better eye with available correction
Moderate severe visual impairment (MSVI)	Presenting visual acuity < 6/18-3/60 in better eye with available correction
Visual impairment (VI)	Presenting visual acuity < 6/18 in better eye with available correction
Functional low vision	A person with impairment of visual functioning even after treatment and/or standard refractive correction, and a visual acuity of less than 6/18 to light perception, or a visual field of less than 10 degree from the point of fixation, but who uses, or is potentially able to use, vision for planning and/or execution of a task.
Blindness (BCVA/Pinhole <3/60)	Best corrected visual acuity <3/60 in better eye

Key Findings

Indicators	Percentage
Prevalence of Blindness & Visual Impairment	
Prevalence of blindness in all age groups	0.36
Prevalence of blindness in population aged ≥ 50 years	1.99
Prevalence of severe visual impairment (SVI) in all age groups	0.35
Prevalence of severe visual impairment (SVI) in population aged ≥ 50 years	1.96
Prevalence of moderate visual impairment (MVI) in all age groups	1.84
Prevalence of moderate visual impairment (MVI) in population aged ≥ 50 years	9.81
Prevalence of early visual impairment (EVI) in all age groups	2.92
Prevalence of early visual impairment (EVI) in population aged ≥ 50 years	12.92
Prevalence of moderate severe visual impairment (MSVI) in all age groups	2.19
Prevalence of moderate severe visual impairment (MSVI) in population aged ≥ 50 years	11.77
Prevalence of visual impairment (VI-Blindness+MSVI) in all age groups	2.55
Prevalence of visual impairment (VI-Blindness+MSVI) in population aged ≥ 50 years	13.76
Major Causes of Blindness in population aged ≥ 50 years	
Cataract	66.2
Corneal opacity (including trachomatous)	8.2
Cataract surgical complications (including PCO)	7.2
Posterior segment disease (excluding DR & ARMD)	5.9
Glaucoma	5.5
Major Causes of Visual Impairment in population aged ≥ 50 years	
Cataract	71.2
Refractive error	13.4
Cataract surgical complications (including PCO)	5.9
Major Causes of Blindness in population aged 0-49 years	
Corneal opacity	37.5
All globe/ CNS abnormality (Amblyopia)	25.0
Phthisis	12.5
Other/undetermined	25.0
Major Causes of Visual Impairment in population aged 0-49 years	
Refractive error	29.6
Cataract	25.4
All globe/ CNS abnormality (Amblyopia)	15.5
Corneal opacity	14.1
Cataract Surgical Coverage (persons) in population aged ≥ 50 years	
Visual Acuity <3/60	93.2
Visual Acuity <6/18	74.0
Cataract Surgical Coverage (eyes) in population aged ≥ 50 years	
Visual Acuity <3/60	80.2
Visual Acuity <6/18	57.2
Proportion of IOL Cataract Surgery in population aged ≥ 50 years	
With Intra Ocular Lense	94.2
Visual Outcomes (BCVA) after Cataract surgery in population aged ≥ 50 years	
Very good (can see 6/12)	73.4
Good (cannot see 6/12 but can see 6/18)	10.5
Borderline (cannot see 6/18 but can see 6/60)	7.6
Poor (cannot see 6/60)	8.5