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| **Study, Year** | **Type of Study** | **Age of Enrollees and Sample Size** | **Proportion With Visual Conditions** | **Reference Standard** | **Screening Text** | **Quality** |
| Ariyasu, 199674  | Cross-sectional | "Most patients" 20 to 59 years oldn=317 | 43% refractive error, 16% cataract, 4% macular degeneration, 4% strabismus, 2% amblyopia | Ophthalmologic examination | Amsler grid abnormal | Poor-Fair |
| Eekhof, 200075 | Cross-sectional | 75 years or oldern=1121 | Snellen chart <0.3: 10.8% | Snellen chart  | Screening questions | Fair |
| Hiller, 198376 | Cross-sectional | 25 to 74 yearsn=3997 (1466 for subgroup) 65 to 74 years old | Snellen 20/25 or worse: 69% | Snellen chart | Screening question | Fair |
| Ivers, 200177 | Cross-sectional | 49 years or oldern=3654 | 3.9% posterior subcapsular cataract, 19.1% cortical cataract, 47.0% nuclear cataract, 4.5% early AMD, 4.5% refractive error, 34.50% any vision condition  | Ophthalmologic examination | Presenting distance visual acuity (logMAR chart) Pinhole distance visual acuity Presenting reading acuity (with current reading glasses) | Poor-Fair |
| McMurdo, 198878 | Cross-sectional | 64 to 97 yearsn=50 | 18% previously undiagnosed cataract, 8% previously undiagnosed AMD | Ophthalmologist examination | Positive finding on physical examination | Fair |
| Teh, 200679 | Cross-sectional | 60 years or oldern=124 | Snellen 6/12 or worse: 81% | Snellen chart | Screening question | Poor-Fair |
| Wang, 199880 | Cross-sectional | 40 years or oldern=405 | 50.7% (13% cataract, AMD and refractive error not reported) | Ophthalmologic examination | Screening questionnairePresenting distance visual acuity, followed by pinhole visual acuity if worse than 20/30 | Poor-Fair |
| Woods, 199881 | Cross-sectional | 50 years or oldern=3283 | 12% (50 to 64 years) and 23% (>64 years) macular degeneration, 4.9% and 27.2% cataract | Ophthalmologic examination | Presenting distance visual acuityNear visual acuity  | Fair |

**Abbreviations:** AMD = age-related macular degeneration; CI = confidence interval; LogMAR = logarithmic minimum angle of resolution.