Table 2. Prevalence Rate of Vision Impairment by Age•

Prevalence Rate,% (95% Cl)"

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| --- | --- | --- | --- |
| Acuity Criteria | <20/40 BCVA | <20/60 BCVA | s20/200 BCVA |
| Total population |  |  |  |
| <18 y |  |  |  |
| PVA | 11.4 (9.9-13.1) | 3.2 (2.4-4.2) | 2.3 (1.6-3.2) |
| BCVA | 1.5 (1.0-2.3) | 0.3 (0.1-0.8) | 0.2 (0.1-0.7) |
| % Correctable to 20/40 or better | 87 (82.9-90.3) | 90 (81.5-95.2) | 90 (80.0-96.0) |
| 18-44 y |  |  |  |
| PVA | 5.0 (4.1-6.1) | 1.3 (0.9-1.9) | 1.2 (0.5-1.3) |
| BCVA | 0 . 6 (0.3-1.0) | 0.12 (0.0-0.4) | 0.04 (0.0-0.3) |
| % Correctable to 20/40 or better | 88 (82.8-92.2) | 90 (79.0-97.1) | 95 (79.6-99.7) |
| 45 y |  |  |  |
| PVA | 6.1 (5.0\_7.3) | 1.6 (1.1-2.3) | 1.2 (0.8-1.8) |
| BCVA | 3.9 (3.0-4.9) | 1.1 (0.7-1.8) | 1.0 (0 6-1.6) |
| % Correctable to 20/40 or better | 36 (33.0-39.4) | 29 (23.5-33.8) | 14 (11.3-17.6) |
| Hispanic white |  |  |  |
| <18 y |  |  |  |
| PVA | 14.1 (11.8-16.6) | 4.1 (2.9-5.7) | 3.1 (2.1-4.6) |
| BCVA | 1.6 (0.9-2.7) | 0.5 (0.2-1.3) | 0.1 (0.0-0.7) |
| % Correctable to 20/40 or better | 89 (83.8-92.6) | 88 (77.9-94.7) | 96 (84.9-99.7) |
| 18-44 y |  |  |  |
| PVA | 9.2 (7.5-11.2) | 2.0 (1.2-3.1) | 1.2 (0.7-2.2) |
| BCVA | 1.3 (0.8-2.3) | 0.4 (0.1-1.1) | 0.2 (0.0-0.8) |
| % Correctable to 20/40 or better | 85 (79.3-90.0) | 79 (64.8-89.1) | 83 (64.8-94.7) |
| 45 y |  |  |  |
| PVA | 11.4 (8.9-14.0) | 2.4 (1.1-3.5) | 1.8 (0.8-2.9) |
| BCVA | 5.0 (3.8-7.5) | 1.3 (0.5-2.3) | 0.8 (0.3- 1.9) |
| % Correctable to 20/40 or better | 56 (46.5-57.4) | 47 (34.6-57.6) | 57 (36.0-63.8) |
| Non-Hispanic white |  |  |  |
| <18 y |  |  |  |
| PVA | 9.3 (6.6-13.0) | 2.3 (1.1-4.5) | 2.0 (0.9-4.1) |
| BCVA | 1.4 (0.5-3.4) | 0.3 (0.0-1.6) | 0.3 (0.0-1.6) |
| % Correctable to 20/40 or better | 85 (74.1-92.1) | 88 (64.0-98.6) | 86 (60.7-98.3) |
| 18-44 y |  |  |  |
| PVA | 2.9 (1.9-4.3) | 0.8 (0.4-1.7) | 0.5 (0.2-1.2) |
| BCVA | 0.3 (0.1-1.0) | 0.0 (0.0-0.4) | 0.0 (0.0-0.4) |
| % Correctable to 20/40 or better | 88 (75.6-95.3) | 100 (74.6-100) | 100 (64.4-100) |
| 45 y |  |  |  |
| PVA | 5.3 (4.0-7.0) | 1.3 (0.9-2.7) | 1.0 (0.6-2.1) |
| BCVA | 3.2 (2.9-5.6) | 1.0 (0.6-2.1) | 0.9 (0.5-2.0) |
| % Correctable to 20/40 or better | 23.8 (20.7-27.4) | 27 (20.1-33.6) | 9 (6.5-12 .2) |
| Total black |  |  |  |
| <18 y |  |  |  |
| PVA | 14.7 (11.8-18.2) | 4.9 (3.3-7 .2) | 2.4 (1.3-4.1) |
| BCVA | 1.6 (0.7-3.1) | 0.2 (0.0-1.1) | 0.2 (0.0-1.1) |
| % Correctable to 20/40 or better | 89 (82.7-93.8) | 96 (84.4-99.7) | 92 (72.8-99.2) |
| 18-44 y |  |  |  |
| PVA | 8.1 (5.9-11.0) | 2.2 (1.2-4.0) | 1.6 (0.8-3.2) |
| BCVA | 0.6 (0.2-1.8) | 0.2 (0.0-1.2) | 0.0 (0.0-0.8) |
| % Correctable to 20/40 or better | 93 (83.4-97.4) | 91 (71.0-99.1) | 100 (76.7-100) |
| 45 y |  |  |  |
| PVA | 9.4 (7.6-14.1) | 2.4 (1.4-5.0) | 1.7 (0.8-3.9) |
| BCVA | 4.8 (3.4-8.2) | 1.7 (1.0-4.3) | 1.5 (0.8-3.9) |
| % Correctable to 20/40 or better | 49 (41.5-55.5) | 27 (14.0-27) | 13 (0.0-13) |

Abbreviations: BCVA, best-corrected visual acuity; PVA. presenting visual acuity.

* Based on PVA in the better-seeing eye, BCVA in the better-seeing eye, and PVA that can be corrected to 20/40 or better.

b Indicates the upper and lower Cls, estimated from the Fleiss score interval with continuity correction.