

Appendix Table A1. Overall prevalence of severe vision impairment and number of physically unhealthy days in each of the 50 states, as well as the number of physically unhealthy days among people with and without severe vision impairment (VI). The number of physically unhealthy days was higher in the visually impaired cohort compared to the non-visually impaired cohort ($P < .001$).

State	Vision Impairment Prevalence (95% CI)	Mean Unhealthy Days (95% CI)	Mean Unhealthy Days VI (95% CI)	Mean Unhealthy Days no VI (95% CI)	Ratio of Unhealthy Days in VI vs. No VI
All	4.70 (4.56, 4.84)	4.01 (3.96, 4.06)	10.63 (10.27, 11.00)	3.68 (3.63, 3.73)	2.89
Alabama	6.95 (6.16, 7.84)	5.12 (4.81, 5.42)	12.48 (11.01, 13.95)	4.57 (4.26, 4.87)	2.73
Alaska	2.22 (1.53, 3.20)	3.78 (3.31, 4.24)	8.74 (5.04, 12.44)	3.67 (3.20, 4.14)	2.38
Arizona	4.68 (4.24, 5.15)	4.23 (4.05, 4.41)	10.68 (9.51, 11.85)	3.91 (3.73, 4.09)	2.73
Arkansas	8.02 (6.73, 9.52)	5.25 (4.78, 5.72)	12.25 (9.78, 14.72)	4.64 (4.21, 5.08)	2.64
California	4.43 (3.87, 5.07)	3.65 (3.42, 3.88)	8.77 (7.20, 10.35)	3.41 (3.19, 3.64)	2.57
Colorado	2.80 (2.40, 3.25)	3.49 (3.30, 3.68)	8.71 (6.98, 10.43)	3.34 (3.15, 3.53)	2.61
Connecticut	3.95 (3.40, 4.59)	3.44 (3.23, 3.65)	9.38 (7.73, 11.04)	3.20 (2.99, 3.40)	2.94
Delaware	6.03 (5.00, 7.26)	4.01 (3.65, 4.36)	9.76 (7.54, 11.98)	3.64 (3.30, 3.98)	2.68
Florida	6.08 (5.32, 6.94)	4.10 (3.85, 4.35)	10.02 (8.61, 11.43)	3.71 (3.47, 3.96)	2.70
Georgia	5.35 (4.67, 6.12)	3.48 (3.23, 3.73)	9.95 (8.38, 11.53)	3.12 (2.88, 3.36)	3.19
Hawaii	3.36 (2.84, 3.98)	3.57 (3.31, 3.82)	8.57 (6.25, 10.89)	3.39 (3.15, 3.64)	2.52
Idaho	3.50 (2.87, 4.28)	3.74 (3.45, 4.03)	10.38 (7.89, 12.87)	3.50 (3.21, 3.78)	2.97
Illinois	4.46 (3.71, 5.36)	3.96 (3.69, 4.23)	10.11 (8.08, 12.14)	3.67 (3.41, 3.93)	2.75
Indiana	4.71 (4.26, 5.21)	4.35 (4.16, 4.54)	11.93 (10.62, 13.25)	3.97 (3.79, 4.16)	3.00
Iowa	2.88 (2.48, 3.34)	3.50 (3.28, 3.72)	9.83 (7.88, 11.79)	3.31 (3.10, 3.53)	2.97
Kansas	3.79 (3.47, 4.14)	3.73 (3.59, 3.88)	10.28 (9.22, 11.35)	3.48 (3.34, 3.62)	2.96
Kentucky	6.52 (5.70, 7.45)	5.35 (5.00, 5.71)	12.27 (10.43, 14.11)	4.87 (4.53, 5.21)	2.52
Louisiana	6.86 (5.98, 7.86)	5.07 (4.70, 5.43)	12.51 (10.75, 14.27)	4.52 (4.16, 4.88)	2.77
Maine	2.70 (2.26, 3.24)	4.30 (4.03, 4.56)	10.14 (8.04, 12.23)	4.13 (3.87, 4.40)	2.45
Maryland	3.59 (3.07, 4.21)	3.52 (3.30, 3.74)	12.41 (10.18, 14.64)	3.19 (2.98, 3.39)	3.89
Massachusetts	4.07 (3.37, 4.91)	3.86 (3.57, 4.16)	11.96 (9.88, 14.03)	3.52 (3.24, 3.81)	3.40
Michigan	4.60 (4.11, 5.14)	4.60 (4.38, 4.82)	11.38 (9.95, 12.80)	4.27 (4.06, 4.49)	2.66
Minnesota	3.09 (2.77, 3.45)	3.09 (2.95, 3.23)	8.16 (6.98, 9.34)	2.93 (2.79, 3.07)	2.79
Mississippi	7.53 (6.54, 8.65)	5.09 (4.72, 5.45)	11.77 (10.14, 13.40)	4.54 (4.18, 4.91)	2.59
Missouri	5.28 (4.59, 6.06)	4.39 (4.11, 4.67)	10.99 (9.32, 12.65)	4.02 (3.75, 4.30)	2.73
Montana	5.31 (4.54, 6.19)	4.07 (3.76, 4.38)	11.17 (9.11, 13.23)	3.67 (3.38, 3.97)	3.04
Nebraska	3.51 (3.09, 3.99)	3.32 (3.13, 3.50)	10.81 (9.12, 12.51)	3.05 (2.87, 3.22)	3.55
Nevada	6.41 (5.31, 7.72)	4.12 (3.72, 4.52)	10.53 (8.04, 13.03)	3.68 (3.30, 4.06)	2.86
New Hampshire	3.7 (3.06, 4.61)	3.92 (3.60, 4.24)	11.18 (9.02, 13.34)	3.63 (3.32, 3.95)	3.08
New Jersey	4.90 (4.26, 5.63)	3.90 (3.64, 4.15)	10.43 (8.79, 12.07)	3.56 (3.31, 3.81)	2.93
New Mexico	6.03 (5.19, 7.00)	4.59 (4.28, 4.91)	9.67 (7.94, 11.40)	4.27 (3.95, 4.58)	2.27

State	Vision Impairment Prevalence (95% CI)	Mean Unhealthy Days (95% CI)	Mean Unhealthy Days VI (95% CI)	Mean Unhealthy Days no VI (95% CI)	Ratio of Unhealthy Days in VI vs. No VI
New York	4.11 (3.65, 4.63)	3.63 (3.45, 3.82)	9.77 (8.38, 11.17)	3.37 (3.19, 3.56)	2.90
North Carolina	4.68 (3.96, 5.51)	4.20 (3.87, 4.52)	11.84 (9.75, 13.93)	3.82 (3.50, 4.14)	3.10
North Dakota	2.92 (2.37, 3.59)	3.24 (3.00, 3.48)	10.65 (8.11, 13.20)	3.02 (2.79, 3.25)	3.53
Ohio	4.72 (4.18, 5.32)	4.16 (3.94, 4.37)	10.57 (9.01, 12.12)	3.84 (3.62, 4.05)	2.75
Oklahoma	6.50 (5.73, 7.37)	4.68 (4.38, 4.97)	11.93 (10.19, 13.67)	4.17 (3.89, 4.46)	2.86
Oregon	4.40 (3.72, 5.21)	4.54 (4.24, 4.84)	10.49 (8.58, 12.39)	4.27 (3.97, 4.56)	2.46
Pennsylvania	3.14 (2.65, 3.71)	4.38 (4.10, 4.67)	11.03 (8.94, 13.13)	4.17 (3.88, 4.45)	2.65
Rhode Island	4.47 (3.74, 5.33)	4.19 (3.88, 4.51)	9.88 (7.94, 11.82)	3.93 (3.61, 4.24)	2.52
South Carolina	4.66 (4.17, 5.21)	4.14 (3.92, 4.36)	13.05 (11.64, 14.47)	3.70 (3.49, 3.92)	3.53
South Dakota	3.55 (2.79, 4.50)	3.67 (3.33, 4.01)	7.53 (5.06, 10.00)	3.52 (3.18, 3.87)	2.14
Tennessee	5.83 (5.05, 6.73)	4.48 (4.18, 4.79)	11.48 (9.72, 13.24)	4.05 (3.75, 4.35)	2.83
Texas	5.25 (4.47, 6.16)	3.79 (3.48, 4.09)	10.85 (8.91, 12.80)	3.39 (3.09, 3.69)	3.20
Utah	2.98 (2.59, 3.43)	3.47 (3.27, 3.66)	9.73 (8.03, 11.43)	3.27 (3.08, 3.47)	2.97
Vermont	3.63 (2.99, 4.40)	3.79 (3.53, 4.06)	10.58 (8.39, 12.78)	3.54 (3.28, 3.79)	2.99
Virginia	4.07 (3.55, 4.65)	3.60 (3.37, 3.82)	11.43 (9.75, 13.10)	3.26 (3.05, 3.48)	3.50
Washington	3.62 (3.20, 4.09)	4.02 (3.84, 4.21)	11.48 (10.03, 12.94)	3.74 (3.56, 3.92)	3.07
West Virginia	8.32 (7.50, 9.22)	5.74 (5.42, 6.05)	13.25 (11.85, 14.64)	5.06 (4.74, 5.37)	2.62
Wisconsin	2.73 (2.16, 3.46)	3.95 (3.64, 4.26)	10.14 (7.21, 13.06)	3.77 (3.47, 4.08)	2.69
Wyoming	4.40 (3.71, 5.21)	3.70 (3.40, 4.01)	9.23 (7.08, 11.37)	3.45 (3.15, 3.75)	2.68

CI = confidence interval