Table 1: Age-adjusted trends in proportions of U.S. adults overall and by subgroup with diabetes that report receiving six recommended care services - at least one dental visit, one dilated eye exam, one foot exam, two or more A1C tests, cholesterol level tested, and receiving an influenza vaccine.

|  | Average (SE)true\*false | 2008 (SE) | 2009 (SE) | 2010 (SE) | 2011 (SE) | 2012 (SE) | 2013 (SE) | 2014 (SE) | 2015 (SE) | 2016 (SE) | 2017 (SE) | 2018 (SE) | 2019 (SE) | 2020 (SE) | Percent Change (95% CI)true\*,†false | Joinpoint Yeartrue‡false | APC (95% CI)true\*,§false | AAPC (95% CI)true\*,||false |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cholesterol tested |
| Overall | 84.4 (1.3) | 82.7 (1.9) | 84.3 (1.8) | 87.8 (1.3) | 89.0 (1.4) | 84.9 (1.6) | 85.9 (1.7) | 85.9 (1.8) | 89.9 (1.5) | 89.3 (1.6) | 77.0 (1.8) | 79.7 (1.7) | 76.8 (2.6) | 71.1 (3.1) | -7.1 (-14.5, 0.4) |  | -0.7 (-1.6, 0.2) | -0.7 (-1.6, 0.2) |
| Age: 18 to 44 | 78.3 (1.4) | 73.7 (3.4) | 77.2 (3.2) | 82.9 (2.4) | 84.0 (2.6) | 78.6 (2.9) | 79.8 (3.4) | 78.8 (3.3) | 84.8 (2.8) | 83.6 (3.0) | 70.2 (3.3) | 75.9 (3.1) | 69.9 (4.7) | 62.5 (5.7) | -5.2 (-20.2, 9.9) |  | -0.6 (-1.8, 0.6) | -0.6 (-1.8, 0.6) |
| Age: 45 to 64 | 90.0 (1.3) | 91.6 (1.1) | 91.0 (1.1) | 92.6 (0.9) | 93.9 (0.7) | 90.2 (1.1) | 90.7 (1.1) | 93.2 (1.1) | 94.1 (0.9) | 94.9 (0.7) | 83.2 (1.5) | 82.0 (1.9) | 82.0 (1.9) | 78.3 (2.2) | -10.5 (-15.2, -5.8) | 2016 | 0.1 (-0.5, 0.6), -4.8 (-7.3, -2.4) | -1.3 (-2.0, -0.6) |
| Age: 65 to 74 | 93.9 (1.0) | 94.6 (1.4) | 94.1 (1.5) | 96.2 (1.1) | 94.9 (1.6) | 96.6 (1.1) | 95.1 (1.2) | 94.7 (1.4) | 97.6 (0.8) | 96.9 (0.8) | 87.7 (1.7) | 87.5 (1.4) | 90.6 (1.5) | 85.9 (1.9) | -4.2 (-8.3, 0.0) |  | -0.6 (-1.2, 0.0) | -0.6 (-1.2, 0.0) |
| Age: 75+ | 93.9 (1.2) | 95.5 (1.4) | 94.7 (1.5) | 92.6 (1.7) | 97.2 (1.0) | 94.1 (1.6) | 98.1 (0.7) | 95.7 (1.3) | 98.6 (0.6) | 97.9 (0.8) | 86.4 (1.9) | 87.6 (1.7) | 88.0 (2.1) | 83.9 (2.4) | -7.8 (-12.8, -2.8) |  | -0.7 (-1.4, 0.1) | -0.7 (-1.4, 0.1) |
| Highest degree earned: Less than high school | 80.4 (2.2) | 77.7 (4.2) | 81.7 (4.3) | 83.2 (3.1) | 86.6 (2.5) | 79.0 (5.0) | 87.6 (2.3) | 88.0 (2.8) | 86.0 (3.7) | 88.0 (3.1) | 72.1 (3.5) | 71.1 (4.6) | 63.5 (5.6) | 56.8 (7.0) | -18.2 (-34.9, -1.5) | 2016 | 1.0 (-0.4, 2.4), -10.4 (-15.8, -4.6) | -2.3 (-3.8, -0.6) |
| Highest degree earned: High school | 84.4 (1.3) | 79.6 (3.0) | 83.7 (2.8) | 89.4 (1.7) | 88.9 (2.1) | 87.2 (2.6) | 85.9 (2.7) | 88.1 (2.5) | 84.1 (4.7) | 88.0 (2.8) | 73.9 (3.0) | 80.7 (2.7) | 84.0 (2.5) | 72.4 (4.5) | 5.6 (-4.4, 15.6) |  | -0.4 (-1.5, 0.6) | -0.4 (-1.5, 0.6) |
| Highest degree earned: Greater than high school | 87.1 (1.3) | 92.9 (1.9) | 87.9 (3.1) | 88.9 (2.9) | 91.5 (2.6) | 86.1 (4.3) | 84.6 (4.1) | 81.4 (4.3) | 90.9 (4.9) | 92.7 (2.4) | 85.3 (2.6) | 84.2 (2.5) | 78.4 (4.2) | 76.1 (4.8) | -15.6 (-25.1, -6.1) |  | -0.8 (-1.7, 0.0) | -0.8 (-1.7, 0.0) |
| Race/Ethnicity: Hispanic | 79.9 (3.4) | 88.3 (7.4) | 75.8 (11.8) | 51.1 (17.6) | 93.8 (5.5) | 83.7 (2.5) | 82.2 (2.9) | 87.7 (2.5) | 91.1 (1.8) | 89.8 (2.1) | 70.7 (4.0) | 73.1 (4.3) | 71.8 (5.1) | 59.1 (6.9) | -18.6 (-36.1, -1.1) |  | -0.1 (-3.3, 3.3) | -0.1 (-3.3, 3.3) |
| Race/Ethnicity: Black/not Hispanic | 84.2 (2.0) | 80.9 (3.6) | 85.5 (3.1) | 83.8 (3.1) | 91.3 (2.5) | 77.8 (3.5) | 89.4 (2.4) | 93.2 (2.3) | 89.8 (3.2) | 91.2 (3.3) | 71.8 (3.8) | 74.1 (5.0) | 81.9 (4.2) | 75.6 (6.9) | 1.2 (-12.3, 14.7) |  | -0.6 (-2.2, 1.0) | -0.6 (-2.2, 1.0) |
| Race/Ethnicity: Asian/not Hispanic | 89.3 (2.3) | 82.0 (11.5) | 96.9 (1.5) | 91.6 (3.6) | 86.3 (6.8) | 91.2 (5.3) | 95.1 (2.1) | 87.5 (5.6) | 96.9 (1.5) | 97.0 (1.7) | 84.9 (6.9) | 94.4 (2.9) | 68.3 (16.1) | 53.0 (14.4) | -16.8 (-61.5, 28.0) |  | -0.7 (-2.6, 1.2) | -0.7 (-2.6, 1.2) |
| Race/Ethnicity: White/not Hispanic | 85.2 (1.0) | 82.5 (2.4) | 83.1 (2.2) | 89.5 (1.5) | 89.2 (1.7) | 88.2 (2.4) | 84.9 (2.7) | 84.1 (3.0) | 88.7 (2.6) | 88.7 (2.4) | 81.3 (2.6) | 83.4 (2.4) | 79.2 (3.4) | 76.9 (4.2) | -4.1 (-13.8, 5.6) |  | -0.4 (-1.1, 0.4) | -0.4 (-1.1, 0.4) |
| Sex: Male | 85.3 (1.6) | 80.8 (2.9) | 84.8 (3.0) | 88.2 (2.1) | 90.9 (1.7) | 85.8 (2.1) | 85.3 (2.9) | 89.3 (2.1) | 92.9 (1.5) | 92.5 (1.4) | 79.6 (2.5) | 78.7 (2.7) | 75.0 (3.7) | 71.2 (3.8) | -7.2 (-18.3, 3.9) | 2016 | 1.0 (-0.1, 2.2), -6.9 (-11.7, -1.8) | -1.2 (-2.6, 0.2) |
| Sex: Female | 83.7 (1.1) | 84.4 (2.4) | 83.8 (2.5) | 87.4 (2.0) | 87.2 (2.1) | 84.0 (2.3) | 86.6 (2.3) | 83.0 (2.9) | 87.3 (2.6) | 86.5 (2.7) | 74.5 (2.5) | 80.7 (2.4) | 78.8 (3.1) | 71.0 (4.3) | -6.6 (-15.6, 2.3) |  | -0.8 (-1.5, 0.0) | -0.8 (-1.5, 0.0) |
| Insurance coverage: Private only | 86.5 (1.1) | 84.0 (2.5) | 87.9 (2.2) | 92.0 (1.5) | 90.1 (2.3) | 86.1 (2.2) | 88.0 (2.7) | 83.6 (3.1) | 90.2 (2.3) | 90.9 (2.1) | 82.3 (2.6) | 84.2 (2.3) | 79.0 (3.5) | 75.2 (4.6) | -5.9 (-15.7, 3.8) |  | -0.6 (-1.4, 0.2) | -0.6 (-1.4, 0.2) |
| Insurance coverage: Medicaid | 82.5 (2.3) | 86.9 (3.7) | 91.0 (2.8) | 83.6 (4.4) | 90.0 (2.5) | 86.0 (4.1) | 90.1 (3.0) | 86.3 (3.0) | 85.3 (3.7) | 82.6 (4.5) | 67.4 (3.9) | 73.4 (4.0) | 67.7 (5.9) | 61.3 (6.2) | -22.1 (-36.8, -7.3) |  | -2.3 (-3.6, -1.0) | -2.3 (-3.6, -1.0) |
| Insurance coverage: Uninsured | 65.8 (3.1) | 55.5 (7.1) | 57.8 (7.7) | 68.9 (5.1) | 73.1 (4.5) | 63.0 (5.4) | 55.8 (6.5) | 77.5 (6.0) | 83.3 (5.7) | 83.5 (5.7) | 62.0 (7.4) | 49.9 (10.9) | 59.4 (12.7) | 38.6 (11.4) | 7.1 (-45.3, 59.5) |  | 0.2 (-3.1, 3.6) | 0.2 (-3.1, 3.6) |
| Insurance coverage: Medicare only | 93.4 (1.0) | 95.2 (1.2) | 91.4 (2.5) | 95.1 (1.0) | 95.0 (1.8) | 95.4 (1.0) | 95.2 (1.0) | 95.3 (1.1) | 97.3 (0.7) | 96.9 (0.7) | 86.1 (1.7) | 86.7 (1.8) | 91.4 (1.2) | 85.8 (1.9) | -4.0 (-7.4, -0.7) |  | -0.5 (-1.2, 0.2) | -0.5 (-1.2, 0.2) |
| Poverty income ratio: > 400% | 89.8 (1.1) | 84.9 (3.7) | 84.8 (4.4) | 93.5 (2.5) | 92.4 (2.3) | 88.0 (2.7) | 93.0 (1.9) | 92.6 (2.8) | 91.3 (3.2) | 95.9 (1.4) | 89.3 (2.5) | 85.8 (2.3) | 86.3 (3.0) | 79.9 (5.1) | 1.7 (-9.4, 12.8) |  | 0.1 (-0.7, 0.9) | 0.1 (-0.7, 0.9) |
| Poverty income ratio: 200%—399% | 83.4 (1.2) | 83.7 (3.3) | 83.8 (3.4) | 88.4 (2.3) | 87.2 (3.1) | 87.6 (2.2) | 77.7 (4.2) | 81.2 (4.1) | 90.3 (2.3) | 81.5 (4.2) | 80.2 (3.2) | 83.0 (2.8) | 76.2 (5.0) | 70.9 (5.3) | -8.9 (-22.7, 4.8) |  | -0.7 (-1.6, 0.2) | -0.7 (-1.6, 0.2) |
| Poverty income ratio: 100%—199% | 83.0 (2.4) | 84.9 (2.8) | 86.2 (2.9) | 88.0 (2.4) | 90.5 (2.3) | 81.4 (4.1) | 91.0 (1.9) | 81.9 (4.4) | 89.8 (3.1) | 92.8 (2.0) | 69.0 (4.1) | 73.4 (4.1) | 67.5 (6.1) | 60.7 (7.2) | -20.5 (-35.4, -5.6) |  | -1.9 (-3.5, -0.2) | -1.9 (-3.5, -0.2) |
| Poverty income ratio: < 100% | 78.9 (2.1) | 73.2 (5.0) | 81.8 (3.1) | 77.2 (3.8) | 84.0 (3.5) | 80.3 (3.5) | 84.5 (4.1) | 87.9 (3.2) | 86.4 (3.2) | 84.2 (4.1) | 61.6 (4.9) | 72.0 (5.5) | 73.3 (4.8) | 64.4 (7.6) | 0.1 (-18.6, 18.7) |  | -0.9 (-2.7, 1.1) | -0.9 (-2.7, 1.1) |
| Received influenza vaccine |
| Overall | 41.8 (1.1) | 33.6 (1.8) | 36.5 (2.2) | 40.5 (1.9) | 45.4 (2.1) | 47.6 (2.1) | 44.7 (2.4) | 41.0 (2.3) | 39.4 (2.0) | 43.4 (2.3) | 42.2 (2.1) | 43.1 (2.2) | 44.4 (2.7) | 42.5 (2.8) | 32.4 (11.3, 53.5) | 2012, 2015 | 9.2 (6.9, 11.6), -6.0 (-12.1, 0.6), 2.9 (0.7, 5.1) | 2.6 (1.1, 4.2) |
| Age: 18 to 44 | 34.0 (1.7) | 20.8 (3.0) | 28.1 (3.8) | 32.2 (3.3) | 39.2 (3.7) | 43.0 (3.7) | 40.2 (4.4) | 34.1 (4.0) | 29.7 (3.3) | 36.8 (3.9) | 31.7 (3.8) | 35.1 (3.9) | 37.4 (4.9) | 32.1 (4.7) | 79.8 (11.9, 147.8) | 2011 | 22.1 (1.0, 47.6), -2.1 (-6.1, 2.1) | 4.0 (-1.1, 9.3) |
| Age: 45 to 64 | 45.2 (0.6) | 42.4 (2.4) | 41.2 (1.9) | 44.9 (2.0) | 47.1 (1.9) | 45.8 (2.1) | 44.2 (2.2) | 44.2 (2.2) | 46.1 (2.1) | 45.3 (2.2) | 50.0 (2.0) | 46.7 (2.0) | 44.6 (2.3) | 48.7 (2.8) | 5.4 (-10.5, 21.2) |  | 0.8 (0.0, 1.6) | 0.8 (0.0, 1.6) |
| Age: 65 to 74 | 57.8 (0.9) | 57.9 (2.9) | 53.0 (3.0) | 58.3 (3.5) | 57.0 (2.9) | 60.7 (2.7) | 57.3 (2.8) | 58.3 (2.5) | 53.0 (2.9) | 55.9 (2.8) | 57.5 (2.5) | 58.8 (2.0) | 65.7 (2.4) | 67.1 (2.6) | 13.5 (-0.3, 27.3) |  | 0.6 (-0.4, 1.6) | 0.6 (-0.4, 1.6) |
| Age: 75+ | 62.8 (1.3) | 57.7 (3.5) | 55.6 (3.6) | 59.6 (3.3) | 67.4 (3.4) | 69.3 (3.2) | 62.2 (3.2) | 55.2 (3.6) | 62.9 (3.3) | 66.4 (2.9) | 65.3 (3.0) | 65.3 (3.0) | 66.1 (2.9) | 60.7 (3.6) | 14.5 (-2.1, 31.1) |  | 1.1 (-0.2, 2.4) | 1.1 (-0.2, 2.4) |
| Highest degree earned: Less than high school | 36.9 (1.8) | 29.4 (2.9) | 27.2 (2.7) | 31.5 (3.0) | 46.3 (3.8) | 46.9 (5.0) | 40.9 (3.4) | 35.0 (3.3) | 37.1 (6.4) | 41.1 (3.6) | 41.8 (4.7) | 31.7 (3.8) | 33.2 (4.5) | 29.3 (4.7) | 13.1 (-24.3, 50.4) | 2012 | 13.3 (-0.8, 29.4), -4.0 (-9.2, 1.5) | 2.0 (-3.0, 7.2) |
| Highest degree earned: High school | 40.1 (0.9) | 32.1 (2.6) | 40.8 (3.6) | 41.6 (3.0) | 41.4 (3.1) | 42.8 (3.7) | 40.3 (4.1) | 40.4 (3.4) | 35.9 (3.7) | 42.3 (2.8) | 39.9 (2.9) | 40.6 (3.2) | 43.7 (3.8) | 36.6 (4.1) | 36.2 (4.6, 67.8) |  | 0.9 (-0.6, 2.5) | 0.9 (-0.6, 2.5) |
| Highest degree earned: Greater than high school | 48.9 (1.7) | 40.1 (4.0) | 37.4 (4.1) | 45.6 (3.8) | 52.0 (4.1) | 59.4 (6.3) | 54.2 (4.4) | 46.3 (4.3) | 50.2 (7.0) | 47.3 (5.1) | 46.3 (4.2) | 53.8 (4.1) | 53.8 (4.7) | 58.1 (4.8) | 34.0 (-0.8, 68.7) |  | 1.9 (-0.3, 4.2) | 1.9 (-0.3, 4.2) |
| Race/Ethnicity: Hispanic | 33.4 (1.9) | 23.9 (9.8) | 19.8 (9.5) | 28.9 (14.6) | 47.5 (18.5) | 35.4 (3.4) | 34.8 (3.5) | 32.9 (4.7) | 35.1 (3.6) | 35.2 (3.3) | 35.2 (3.7) | 34.5 (3.7) | 38.0 (5.5) | 26.8 (5.0) | 59.2 (-76.9, 195.4) |  | 3.5 (-0.2, 7.4) | 3.5 (-0.2, 7.4) |
| Race/Ethnicity: Black/not Hispanic | 31.2 (1.2) | 24.4 (3.4) | 29.0 (3.9) | 32.9 (3.7) | 37.8 (3.7) | 33.3 (3.7) | 29.6 (3.4) | 27.8 (3.5) | 30.1 (3.1) | 27.3 (3.4) | 29.6 (3.6) | 40.3 (5.9) | 32.2 (5.1) | 37.9 (7.9) | 32.2 (-22.6, 87.0) |  | 1.2 (-1.4, 3.8) | 1.2 (-1.4, 3.8) |
| Race/Ethnicity: Asian/not Hispanic | 40.2 (2.1) | 30.6 (6.9) | 30.2 (5.9) | 36.6 (7.2) | 40.3 (8.1) | 43.5 (8.6) | 42.5 (6.4) | 43.4 (7.6) | 30.3 (6.4) | 56.2 (8.3) | 37.4 (8.3) | 47.0 (11.8) | 44.7 (13.6) | 59.1 (14.0) | 46.0 (-62.3, 154.3) |  | 3.2 (0.0, 6.4) | 3.2 (0.0, 6.4) |
| Race/Ethnicity: White/not Hispanic | 47.3 (1.7) | 35.4 (2.3) | 39.0 (2.8) | 42.4 (2.4) | 47.6 (2.7) | 56.9 (3.0) | 53.4 (3.4) | 46.8 (3.3) | 45.3 (3.0) | 50.1 (3.3) | 50.1 (3.4) | 48.3 (2.6) | 51.7 (3.6) | 48.1 (3.7) | 45.9 (18.6, 73.2) | 2012, 2015 | 12.2 (8.9, 15.7), -5.6 (-14.3, 3.9), 2.7 (-0.4, 5.9) | 3.7 (1.5, 5.9) |
| Sex: Male | 41.9 (1.1) | 33.7 (2.9) | 37.4 (2.7) | 42.5 (2.9) | 46.9 (3.0) | 47.6 (3.0) | 45.7 (3.4) | 43.0 (3.3) | 38.9 (2.9) | 41.8 (3.1) | 39.2 (2.7) | 43.7 (3.3) | 42.4 (3.6) | 41.8 (3.7) | 25.8 (-4.0, 55.7) | 2011 | 11.0 (0.6, 22.5), -1.7 (-3.8, 0.4) | 1.6 (-1.0, 4.3) |
| Sex: Female | 41.7 (1.2) | 33.4 (2.3) | 35.6 (3.1) | 38.7 (2.5) | 43.9 (2.9) | 47.5 (2.6) | 43.7 (3.2) | 39.2 (2.7) | 39.7 (2.9) | 44.9 (3.1) | 45.0 (3.0) | 42.5 (2.7) | 46.6 (3.3) | 43.2 (3.9) | 39.3 (12.2, 66.5) |  | 2.0 (0.4, 3.7) | 2.0 (0.4, 3.7) |
| Insurance coverage: Private only | 43.5 (1.6) | 30.5 (2.7) | 38.7 (3.8) | 44.4 (3.3) | 44.9 (3.4) | 51.8 (3.6) | 49.2 (4.1) | 43.4 (4.0) | 39.0 (3.1) | 43.0 (3.6) | 44.2 (3.4) | 44.1 (3.4) | 49.0 (4.3) | 44.7 (4.1) | 60.6 (21.8, 99.5) | 2012, 2015 | 13.1 (4.7, 22.1), -9.2 (-28.8, 15.8), 4.9 (-2.9, 13.3) | 3.7 (-1.8, 9.5) |
| Insurance coverage: Medicaid | 35.0 (1.4) | 34.9 (3.8) | 28.0 (3.7) | 30.5 (4.0) | 46.6 (4.7) | 37.8 (4.4) | 37.3 (4.6) | 32.9 (3.9) | 33.0 (3.9) | 39.7 (4.8) | 34.8 (4.0) | 34.6 (4.0) | 30.1 (4.5) | 29.4 (4.3) | -13.8 (-45.0, 17.5) |  | -0.1 (-2.7, 2.7) | -0.1 (-2.7, 2.7) |
| Insurance coverage: Uninsured | 23.0 (1.1) | 19.2 (5.6) | 17.9 (3.7) | 24.5 (4.7) | 22.6 (4.3) | 29.8 (4.6) | 25.2 (5.2) | 25.2 (7.1) | 18.7 (5.2) | 28.0 (4.7) | 24.6 (7.9) | 20.6 (6.4) | 19.7 (8.7) | 21.7 (9.2) | 2.6 (-103.3, 108.4) |  | 0.4 (-2.8, 3.8) | 0.4 (-2.8, 3.8) |
| Insurance coverage: Medicare only | 57.6 (0.9) | 53.5 (2.5) | 53.2 (2.8) | 55.1 (2.7) | 60.5 (2.7) | 60.1 (2.6) | 57.1 (2.5) | 53.6 (2.7) | 59.7 (2.5) | 57.1 (2.9) | 57.2 (2.5) | 59.4 (2.3) | 64.4 (2.3) | 67.0 (2.6) | 20.5 (6.5, 34.4) |  | 1.0 (0.1, 1.9) | 1.0 (0.1, 1.9) |
| Poverty income ratio: > 400% | 50.2 (1.8) | 39.0 (4.0) | 41.0 (3.8) | 50.2 (4.0) | 49.0 (4.3) | 58.5 (4.0) | 59.6 (4.3) | 46.9 (4.2) | 45.6 (3.9) | 48.2 (4.4) | 53.7 (4.3) | 55.2 (4.0) | 55.6 (4.9) | 53.7 (5.1) | 42.6 (4.9, 80.3) | 2012, 2015 | 11.4 (4.3, 18.9), -7.8 (-25.1, 13.3), 5.7 (-1.0, 12.8) | 3.8 (-0.9, 8.7) |
| Poverty income ratio: 200%—399% | 40.9 (1.5) | 30.1 (3.2) | 34.8 (3.1) | 35.7 (3.4) | 44.3 (3.6) | 48.0 (4.1) | 40.5 (3.7) | 43.0 (3.9) | 39.1 (3.7) | 47.5 (4.2) | 42.4 (3.9) | 41.8 (3.9) | 43.8 (5.0) | 45.6 (4.9) | 45.4 (1.0, 89.9) | 2011 | 13.2 (0.2, 27.9), -0.2 (-2.8, 2.5) | 3.3 (0.1, 6.7) |
| Poverty income ratio: 100%—199% | 39.0 (1.2) | 35.9 (3.9) | 43.4 (5.6) | 41.8 (4.0) | 44.9 (3.0) | 42.5 (4.2) | 44.9 (4.5) | 36.2 (4.7) | 36.7 (4.6) | 37.9 (4.3) | 30.9 (3.2) | 35.8 (4.1) | 37.7 (5.6) | 27.0 (4.5) | 5.1 (-32.9, 43.0) |  | -1.7 (-3.5, 0.2) | -1.7 (-3.5, 0.2) |
| Poverty income ratio: < 100% | 33.6 (1.4) | 26.2 (3.7) | 23.1 (3.4) | 32.9 (4.0) | 41.4 (4.6) | 37.4 (4.3) | 31.2 (4.1) | 35.7 (4.7) | 31.9 (3.9) | 34.9 (3.8) | 37.3 (4.3) | 37.1 (4.7) | 34.0 (4.0) | 30.9 (5.9) | 29.8 (-16.8, 76.5) |  | 2.4 (-0.3, 5.2) | 2.4 (-0.3, 5.2) |
| One or more dentist visits |
| Overall | 35.7 (0.7) | 37.2 (2.0) | 37.0 (2.2) | 32.8 (2.0) | 36.6 (2.4) | 32.6 (1.8) | 35.1 (2.0) | 34.6 (2.1) | 35.9 (2.0) | 32.6 (2.1) | 34.6 (2.2) | 37.9 (2.3) | 41.9 (2.7) | 32.7 (2.9) | 12.9 (-5.6, 31.3) | 2017 | -0.7 (-2.2, 0.9), 11.6 (-6.1, 32.7) | 1.4 (-1.4, 4.3) |
| Age: 18 to 44 | 33.0 (0.8) | 35.0 (3.5) | 35.3 (3.9) | 30.1 (3.6) | 37.0 (4.2) | 28.6 (3.1) | 32.9 (3.4) | 32.6 (3.6) | 32.7 (3.8) | 28.8 (3.8) | 31.1 (3.8) | 33.6 (4.2) | 38.0 (4.8) | 28.9 (5.0) | 8.5 (-25.7, 42.8) |  | -0.1 (-1.8, 1.7) | -0.1 (-1.8, 1.7) |
| Age: 45 to 64 | 38.3 (0.9) | 42.1 (2.0) | 39.0 (2.0) | 35.7 (2.0) | 35.1 (2.2) | 37.9 (2.2) | 37.7 (2.0) | 35.3 (1.9) | 38.0 (1.9) | 34.6 (2.1) | 37.7 (2.0) | 41.2 (2.2) | 45.8 (2.4) | 34.5 (2.4) | 8.8 (-6.2, 23.7) | 2016 | -1.4 (-3.3, 0.5), 8.9 (-0.4, 19.0) | 1.3 (-1.0, 3.7) |
| Age: 65 to 74 | 41.5 (1.4) | 34.6 (3.1) | 38.9 (2.7) | 36.3 (2.9) | 37.3 (2.8) | 36.7 (2.7) | 40.3 (2.6) | 43.6 (3.0) | 44.4 (3.0) | 45.7 (3.0) | 41.8 (2.6) | 47.9 (2.5) | 50.5 (2.7) | 43.4 (2.6) | 45.8 (15.6, 76.1) |  | 3.1 (2.1, 4.1) | 3.1 (2.1, 4.1) |
| Age: 75+ | 37.8 (0.9) | 35.8 (3.2) | 37.9 (3.1) | 36.0 (3.3) | 38.4 (2.9) | 34.1 (3.1) | 35.0 (3.7) | 35.8 (3.6) | 39.1 (3.1) | 35.3 (3.0) | 38.6 (2.9) | 43.3 (2.7) | 44.2 (3.2) | 39.3 (3.4) | 23.3 (-4.3, 50.9) |  | 1.4 (0.1, 2.7) | 1.4 (0.1, 2.7) |
| Highest degree earned: Less than high school | 24.3 (1.3) | 22.7 (3.2) | 21.1 (2.7) | 17.1 (2.8) | 29.9 (4.0) | 29.4 (5.2) | 19.5 (2.6) | 20.5 (2.5) | 29.6 (6.2) | 21.7 (3.3) | 22.5 (3.0) | 28.9 (4.2) | 28.6 (5.0) | 10.6 (2.0) | 26.0 (-29.4, 81.4) |  | 2.0 (-1.5, 5.7) | 2.0 (-1.5, 5.7) |
| Highest degree earned: High school | 33.1 (0.9) | 35.9 (2.9) | 36.3 (3.2) | 30.6 (2.6) | 31.1 (3.2) | 35.6 (3.9) | 36.0 (3.5) | 33.9 (3.3) | 29.7 (3.9) | 26.4 (2.4) | 30.3 (2.9) | 33.7 (3.2) | 37.5 (3.4) | 29.3 (4.1) | 4.5 (-20.7, 29.6) | 2010, 2013, 2016 | -8.8 (-11.3, -6.2), 5.8 (2.9, 8.8), -9.9 (-12.4, -7.4), 12.1 (10.5, 13.6) | 0.1 (-0.1, 0.3) |
| Highest degree earned: Greater than high school | 51.5 (1.0) | 52.8 (4.4) | 53.0 (4.6) | 48.1 (4.0) | 52.6 (4.7) | 51.0 (5.1) | 47.7 (4.1) | 46.2 (4.2) | 56.9 (5.6) | 51.9 (4.4) | 50.6 (3.8) | 49.2 (4.1) | 57.6 (5.0) | 49.5 (5.0) | 9.1 (-16.7, 34.9) |  | 0.3 (-1.0, 1.6) | 0.3 (-1.0, 1.6) |
| Race/Ethnicity: Hispanic | 27.3 (1.8) | 36.5 (15.3) | 20.5 (9.6) | 38.0 (16.3) | 17.4 (9.1) | 21.6 (3.2) | 22.6 (3.1) | 28.2 (3.3) | 26.2 (3.2) | 23.8 (2.8) | 33.1 (4.1) | 29.8 (4.4) | 30.0 (5.1) | 18.8 (5.5) | -17.8 (-90.5, 54.9) |  | 0.9 (-3.7, 5.7) | 0.9 (-3.7, 5.7) |
| Race/Ethnicity: Black/not Hispanic | 29.0 (1.2) | 31.7 (4.3) | 30.2 (3.6) | 31.5 (4.3) | 26.2 (3.6) | 23.9 (2.9) | 36.4 (3.9) | 36.5 (5.4) | 26.1 (3.1) | 23.6 (2.6) | 24.9 (4.0) | 28.3 (4.2) | 28.7 (4.7) | 40.5 (8.6) | -9.4 (-47.0, 28.3) |  | -1.2 (-4.0, 1.5) | -1.2 (-4.0, 1.5) |
| Race/Ethnicity: Asian/not Hispanic | 40.0 (3.7) | 44.7 (9.0) | 40.4 (9.3) | 41.6 (8.2) | 28.5 (7.0) | 43.5 (8.5) | 43.3 (6.7) | 37.7 (8.6) | 28.7 (6.0) | 24.9 (5.7) | 26.8 (7.4) | 46.1 (11.7) | 74.0 (9.8) | 31.1 (12.6) | 65.7 (-12.4, 143.8) | 2017 | -5.3 (-10.4, 0.1), 64.5 (-10.4, 202.0) | 4.7 (-5.1, 15.6) |
| Race/Ethnicity: White/not Hispanic | 39.9 (1.0) | 38.0 (2.6) | 39.1 (2.8) | 32.2 (2.5) | 40.0 (2.8) | 39.7 (2.9) | 39.6 (3.4) | 36.4 (3.1) | 42.6 (3.1) | 39.7 (3.4) | 41.7 (3.1) | 44.4 (3.1) | 45.7 (3.6) | 35.4 (3.5) | 20.2 (-4.3, 44.8) |  | 1.8 (0.5, 3.1) | 1.8 (0.5, 3.1) |
| Sex: Male | 34.5 (1.0) | 36.5 (2.9) | 36.4 (2.7) | 31.2 (3.0) | 35.7 (3.4) | 29.0 (2.4) | 34.0 (2.9) | 30.3 (3.1) | 34.0 (3.0) | 37.2 (3.1) | 32.4 (2.8) | 36.0 (2.8) | 41.6 (3.7) | 32.9 (4.2) | 13.8 (-13.0, 40.6) |  | 0.7 (-1.1, 2.7) | 0.7 (-1.1, 2.7) |
| Sex: Female | 36.9 (0.9) | 37.7 (3.0) | 37.4 (3.1) | 34.3 (2.8) | 37.4 (3.1) | 36.2 (2.8) | 36.2 (3.0) | 38.4 (2.8) | 37.5 (2.7) | 28.4 (2.7) | 36.7 (3.2) | 39.8 (3.1) | 42.4 (3.4) | 32.6 (3.9) | 12.2 (-12.7, 37.1) |  | 0.4 (-1.5, 2.3) | 0.4 (-1.5, 2.3) |
| Insurance coverage: Private only | 43.0 (0.9) | 46.3 (2.9) | 47.6 (3.3) | 41.4 (3.0) | 43.2 (3.8) | 40.1 (3.3) | 42.3 (3.5) | 38.6 (3.7) | 39.5 (3.6) | 40.7 (3.5) | 42.3 (3.6) | 45.3 (3.4) | 48.2 (4.2) | 38.4 (4.5) | 4.2 (-17.9, 26.3) | 2015 | -2.6 (-4.3, -0.9), 5.6 (1.4, 9.9) | 0.3 (-1.2, 1.8) |
| Insurance coverage: Medicaid | 25.5 (1.3) | 24.7 (4.5) | 23.4 (3.6) | 19.4 (4.4) | 32.1 (5.7) | 22.1 (4.0) | 23.0 (3.6) | 29.2 (4.7) | 27.5 (4.5) | 19.0 (2.9) | 24.7 (4.3) | 27.8 (4.3) | 33.5 (5.7) | 20.4 (5.0) | 35.9 (-30.8, 102.7) |  | 1.7 (-1.6, 5.2) | 1.7 (-1.6, 5.2) |
| Insurance coverage: Uninsured | 15.9 (1.3) | 18.4 (5.4) | 18.2 (6.5) | 20.4 (4.2) | 16.9 (4.4) | 13.1 (3.4) | 18.6 (5.8) | 16.3 (4.6) | 23.8 (9.8) | 9.6 (4.1) | 17.5 (7.6) | 7.9 (2.8) | 9.8 (7.1) | 12.1 (7.1) | -46.4 (-128.4, 35.6) |  | -5.6 (-10.5, -0.5) | -5.6 (-10.5, -0.5) |
| Insurance coverage: Medicare only | 39.9 (1.1) | 35.0 (2.6) | 35.8 (2.4) | 34.6 (2.4) | 37.4 (2.2) | 39.1 (2.4) | 43.3 (2.8) | 39.8 (2.5) | 41.4 (2.4) | 40.0 (2.5) | 39.3 (2.3) | 45.0 (2.1) | 48.1 (2.6) | 45.1 (3.0) | 37.7 (12.7, 62.6) | 2010, 2013, 2017 | -0.5 (-41.7, 69.5), 6.4 (-37.6, 81.5), -1.6 (-24.6, 28.5), 11.0 (-34.9, 89.3) | 3.0 (-0.5, 6.6) |
| Poverty income ratio: > 400% | 50.0 (1.0) | 46.3 (4.0) | 54.2 (4.3) | 47.1 (4.3) | 54.6 (4.6) | 47.2 (4.0) | 52.2 (3.7) | 48.9 (4.6) | 44.6 (4.4) | 47.7 (4.5) | 50.1 (4.2) | 52.5 (3.9) | 55.0 (4.7) | 56.5 (5.1) | 18.7 (-9.7, 47.1) |  | 0.4 (-1.0, 1.8) | 0.4 (-1.0, 1.8) |
| Poverty income ratio: 200%—399% | 34.9 (1.4) | 38.2 (3.5) | 32.9 (3.3) | 30.6 (3.3) | 29.5 (3.1) | 35.9 (3.7) | 33.5 (4.1) | 35.1 (4.0) | 33.5 (4.0) | 28.1 (3.5) | 33.8 (3.5) | 41.0 (4.1) | 47.1 (4.6) | 21.8 (3.9) | 23.2 (-9.4, 55.9) | 2010, 2013, 2016 | -11.6 (-40.1, 30.5), 6.7 (-27.8, 57.5), -6.4 (-36.6, 38.2), 17.0 (-3.7, 42.2) | 2.0 (-0.7, 4.8) |
| Poverty income ratio: 100%—199% | 27.3 (1.0) | 29.0 (3.8) | 28.8 (4.9) | 27.6 (4.0) | 33.1 (4.9) | 22.9 (3.4) | 26.5 (3.9) | 23.7 (3.7) | 32.1 (4.1) | 22.8 (3.2) | 23.8 (3.7) | 27.1 (3.7) | 30.6 (5.0) | 20.0 (5.3) | 5.6 (-37.9, 49.1) |  | -0.7 (-3.1, 1.8) | -0.7 (-3.1, 1.8) |
| Poverty income ratio: < 100% | 23.8 (1.0) | 28.3 (4.8) | 26.7 (4.0) | 20.5 (3.5) | 19.6 (3.9) | 18.0 (3.0) | 23.2 (4.1) | 27.0 (5.0) | 29.2 (5.4) | 23.2 (3.6) | 23.6 (4.4) | 23.5 (4.3) | 22.2 (4.0) | 17.2 (3.5) | -21.4 (-59.5, 16.7) | 2011, 2015 | -14.3 (-22.3, -5.4), 10.7 (0.4, 22.2), -5.9 (-11.6, 0.1) | -2.7 (-6.1, 0.8) |
| Two or more A1C tests |
| Overall | 53.0 (0.8) | 53.7 (2.3) | 49.1 (2.3) | 51.7 (2.0) | 55.4 (2.0) | 50.1 (2.3) | 48.8 (2.2) | 52.3 (2.1) | 53.6 (2.2) | 54.7 (2.1) | 52.7 (2.0) | 55.3 (2.5) | 58.3 (2.5) | 59.3 (3.0) | 8.7 (-4.3, 21.7) |  | 0.8 (-0.1, 1.7) | 0.8 (-0.1, 1.7) |
| Age: 18 to 44 | 49.6 (1.1) | 53.9 (3.8) | 44.2 (3.9) | 49.2 (3.5) | 56.4 (3.4) | 48.0 (4.0) | 43.1 (3.8) | 50.9 (3.9) | 47.4 (3.8) | 49.3 (3.5) | 48.6 (3.6) | 50.5 (4.5) | 53.9 (4.6) | 56.8 (5.5) | -0.1 (-21.8, 21.7) |  | 0.2 (-1.3, 1.7) | 0.2 (-1.3, 1.7) |
| Age: 45 to 64 | 56.9 (0.8) | 53.9 (2.3) | 55.4 (2.1) | 54.8 (2.0) | 55.2 (2.1) | 53.7 (2.1) | 56.5 (1.8) | 53.9 (2.1) | 60.0 (2.3) | 59.1 (2.2) | 57.8 (2.0) | 60.7 (2.2) | 61.6 (2.6) | 61.9 (2.5) | 14.3 (0.9, 27.7) |  | 1.2 (0.6, 1.7) | 1.2 (0.6, 1.7) |
| Age: 65 to 74 | 59.7 (1.4) | 54.1 (2.9) | 56.7 (3.0) | 58.8 (3.3) | 57.0 (2.6) | 52.0 (2.7) | 58.9 (2.6) | 57.4 (2.9) | 62.2 (2.7) | 67.4 (2.6) | 58.6 (2.5) | 65.7 (2.4) | 67.9 (2.5) | 65.5 (2.6) | 25.4 (9.6, 41.3) |  | 1.8 (0.8, 2.9) | 1.8 (0.8, 2.9) |
| Age: 75+ | 52.9 (1.7) | 50.5 (3.5) | 49.8 (3.3) | 48.7 (3.3) | 47.0 (3.0) | 48.3 (3.5) | 46.1 (3.2) | 49.8 (3.0) | 61.0 (2.9) | 59.8 (3.1) | 53.7 (3.2) | 55.3 (3.6) | 64.7 (2.9) | 59.0 (3.4) | 27.9 (7.1, 48.7) |  | 2.2 (0.7, 3.8) | 2.2 (0.7, 3.8) |
| Highest degree earned: Less than high school | 42.4 (1.3) | 40.4 (3.8) | 41.4 (4.1) | 34.8 (3.1) | 44.3 (3.7) | 45.0 (4.8) | 37.4 (2.8) | 35.8 (2.9) | 41.2 (6.1) | 46.9 (3.5) | 48.0 (4.1) | 49.6 (5.0) | 44.6 (4.7) | 44.6 (6.4) | 10.3 (-20.1, 40.8) |  | 1.7 (-0.2, 3.7) | 1.7 (-0.2, 3.7) |
| Highest degree earned: High school | 52.0 (0.7) | 54.1 (3.4) | 48.0 (3.0) | 51.8 (2.9) | 53.7 (3.2) | 48.9 (4.0) | 49.9 (3.7) | 52.4 (3.8) | 49.4 (4.1) | 54.1 (3.0) | 50.5 (3.0) | 54.9 (3.7) | 55.7 (3.4) | 60.9 (4.4) | 3.0 (-14.8, 20.8) |  | 0.5 (-0.4, 1.4) | 0.5 (-0.4, 1.4) |
| Highest degree earned: Greater than high school | 62.8 (1.1) | 64.5 (4.1) | 58.5 (4.7) | 64.5 (3.8) | 68.0 (3.6) | 61.5 (6.3) | 57.3 (4.2) | 64.2 (4.6) | 61.3 (6.5) | 62.1 (4.6) | 59.8 (4.0) | 59.6 (3.4) | 71.7 (3.8) | 65.6 (4.6) | 11.1 (-6.8, 29.0) |  | 0.2 (-1.1, 1.4) | 0.2 (-1.1, 1.4) |
| Race/Ethnicity: Hispanic | 39.6 (2.9) | 32.2 (11.6) | 16.1 (8.7) | 42.8 (16.5) | 24.9 (11.3) | 39.9 (3.3) | 38.7 (3.2) | 43.3 (4.0) | 47.2 (4.1) | 46.8 (3.4) | 44.0 (3.8) | 49.1 (5.7) | 50.0 (5.4) | 51.8 (7.0) | 55.2 (-58.8, 169.2) |  | 6.8 (2.0, 11.8) | 6.8 (2.0, 11.8) |
| Race/Ethnicity: Black/not Hispanic | 46.7 (1.3) | 44.8 (4.5) | 42.3 (4.4) | 38.1 (4.6) | 48.9 (3.4) | 41.3 (4.0) | 44.1 (3.8) | 49.7 (3.8) | 54.6 (4.0) | 52.3 (4.1) | 47.2 (4.0) | 50.9 (4.9) | 46.1 (5.5) | 49.1 (7.5) | 3.1 (-28.7, 34.8) |  | 1.7 (0.0, 3.4) | 1.7 (0.0, 3.4) |
| Race/Ethnicity: Asian/not Hispanic | 49.3 (2.1) | 50.7 (9.3) | 44.3 (8.1) | 54.8 (10.1) | 44.9 (8.4) | 43.2 (8.4) | 45.1 (7.2) | 52.7 (7.6) | 39.1 (8.1) | 54.5 (7.7) | 46.9 (9.3) | 47.6 (11.9) | 67.5 (11.8) | 31.3 (9.2) | 33.1 (-33.0, 99.2) |  | 1.2 (-1.4, 4.0) | 1.2 (-1.4, 4.0) |
| Race/Ethnicity: White/not Hispanic | 57.7 (0.9) | 56.3 (2.9) | 51.9 (2.7) | 55.0 (2.3) | 57.9 (2.3) | 59.0 (3.5) | 55.1 (3.5) | 56.4 (3.5) | 57.6 (3.5) | 59.0 (3.3) | 58.9 (3.0) | 59.4 (3.2) | 65.6 (3.5) | 68.0 (3.6) | 16.4 (-0.5, 33.4) |  | 1.2 (0.5, 1.9) | 1.2 (0.5, 1.9) |
| Sex: Male | 51.5 (0.8) | 53.0 (3.5) | 50.5 (3.2) | 46.9 (3.1) | 53.6 (2.9) | 47.8 (3.1) | 50.3 (3.1) | 53.3 (3.0) | 54.4 (3.2) | 52.9 (2.9) | 50.5 (3.0) | 49.2 (3.3) | 56.1 (3.6) | 49.8 (4.0) | 6.0 (-13.1, 25.1) |  | 0.5 (-0.5, 1.5) | 0.5 (-0.5, 1.5) |
| Sex: Female | 54.4 (1.2) | 54.3 (3.0) | 48.0 (3.1) | 56.3 (2.6) | 57.1 (2.7) | 52.4 (2.9) | 47.3 (3.1) | 51.4 (3.1) | 52.9 (2.9) | 56.3 (2.9) | 54.7 (2.7) | 61.1 (2.8) | 60.7 (3.2) | 68.0 (3.5) | 11.7 (-5.2, 28.6) |  | 1.1 (-0.2, 2.5) | 1.1 (-0.2, 2.5) |
| Insurance coverage: Private only | 57.6 (0.7) | 58.6 (3.3) | 53.4 (3.3) | 54.9 (3.5) | 61.8 (3.2) | 57.6 (3.6) | 57.9 (3.5) | 56.3 (3.7) | 56.4 (3.3) | 58.1 (3.6) | 55.9 (3.3) | 57.8 (3.8) | 62.8 (3.8) | 65.2 (4.5) | 7.2 (-10.1, 24.4) |  | 0.4 (-0.4, 1.3) | 0.4 (-0.4, 1.3) |
| Insurance coverage: Medicaid | 47.7 (1.3) | 46.1 (4.8) | 45.4 (5.0) | 47.0 (4.9) | 52.8 (4.7) | 44.3 (4.3) | 36.7 (4.1) | 48.8 (4.7) | 51.7 (4.0) | 44.6 (4.8) | 50.2 (3.8) | 55.1 (5.0) | 49.5 (5.5) | 49.2 (5.8) | 7.4 (-24.7, 39.5) |  | 1.0 (-0.9, 3.0) | 1.0 (-0.9, 3.0) |
| Insurance coverage: Uninsured | 33.9 (1.8) | 36.6 (6.9) | 32.2 (5.6) | 42.1 (5.1) | 35.9 (4.8) | 29.2 (3.9) | 26.8 (4.7) | 37.8 (7.7) | 27.1 (7.3) | 45.6 (5.0) | 38.3 (7.8) | 24.3 (7.7) | 30.6 (10.2) | 47.6 (13.2) | -16.3 (-79.1, 46.5) |  | -1.3 (-4.9, 2.4) | -1.3 (-4.9, 2.4) |
| Insurance coverage: Medicare only | 57.5 (1.4) | 54.9 (2.4) | 52.3 (3.0) | 57.8 (2.7) | 53.0 (2.3) | 52.0 (2.6) | 56.1 (2.4) | 54.4 (2.5) | 62.8 (2.7) | 63.2 (2.5) | 55.8 (2.8) | 59.2 (2.8) | 68.2 (2.3) | 62.7 (2.8) | 24.2 (10.9, 37.6) |  | 1.6 (0.4, 2.9) | 1.6 (0.4, 2.9) |
| Poverty income ratio: > 400% | 63.4 (0.9) | 62.1 (4.1) | 58.4 (4.4) | 59.6 (4.7) | 64.5 (3.6) | 62.1 (4.2) | 62.0 (3.9) | 61.7 (4.4) | 65.3 (4.0) | 63.0 (4.0) | 63.5 (4.0) | 67.1 (3.7) | 70.8 (4.2) | 69.4 (4.7) | 14.1 (-5.6, 33.7) |  | 1.1 (0.5, 1.8) | 1.1 (0.5, 1.8) |
| Poverty income ratio: 200%—399% | 52.2 (1.0) | 54.4 (3.8) | 48.5 (4.1) | 48.1 (3.8) | 54.7 (3.6) | 50.6 (4.1) | 49.4 (4.1) | 49.8 (3.9) | 52.0 (4.1) | 51.0 (3.9) | 50.8 (3.6) | 55.7 (5.2) | 61.2 (4.1) | 57.2 (5.5) | 12.6 (-8.8, 34.0) |  | 0.9 (-0.2, 2.1) | 0.9 (-0.2, 2.1) |
| Poverty income ratio: 100%—199% | 47.8 (1.0) | 49.9 (4.0) | 45.0 (4.0) | 51.5 (4.1) | 54.6 (4.0) | 46.7 (4.4) | 49.5 (4.2) | 46.3 (4.1) | 46.3 (3.6) | 50.9 (4.0) | 42.8 (4.3) | 45.1 (4.4) | 44.7 (5.5) | 51.0 (6.6) | -10.3 (-36.2, 15.6) |  | -1.0 (-2.2, 0.2) | -1.0 (-2.2, 0.2) |
| Poverty income ratio: < 100% | 43.8 (1.8) | 40.7 (4.7) | 40.3 (4.8) | 46.3 (4.5) | 40.6 (4.2) | 36.1 (3.7) | 29.3 (3.7) | 49.7 (5.3) | 44.8 (4.7) | 49.5 (4.6) | 50.2 (4.3) | 50.7 (5.4) | 47.5 (4.8) | 51.4 (6.4) | 16.8 (-18.5, 52.0) |  | 2.3 (-0.5, 5.2) | 2.3 (-0.5, 5.2) |
| Dilated eye exam |
| Overall | 55.5 (0.7) | 55.5 (2.1) | 52.6 (2.3) | 56.6 (2.1) | 58.8 (2.4) | 59.8 (2.1) | 57.7 (2.2) | 54.8 (2.1) | 54.3 (2.1) | 55.0 (2.1) | 51.7 (2.2) | 56.6 (2.4) | 52.3 (3.0) | 49.7 (2.9) | -5.7 (-18.2, 6.9) |  | -0.4 (-1.3, 0.4) | -0.4 (-1.3, 0.4) |
| Age: 18 to 44 | 47.9 (1.2) | 48.4 (3.8) | 44.6 (4.2) | 49.4 (3.5) | 53.9 (4.2) | 54.4 (3.5) | 51.9 (4.0) | 47.2 (3.7) | 44.8 (3.8) | 46.8 (3.8) | 41.1 (4.0) | 49.5 (4.4) | 42.3 (5.2) | 41.8 (5.2) | -12.7 (-37.7, 12.2) |  | -1.1 (-2.6, 0.4) | -1.1 (-2.6, 0.4) |
| Age: 45 to 64 | 59.7 (0.4) | 58.5 (2.1) | 57.7 (2.2) | 60.3 (1.8) | 60.7 (2.0) | 61.3 (1.9) | 60.5 (2.1) | 58.0 (2.2) | 59.6 (2.0) | 60.4 (1.9) | 58.0 (2.1) | 61.8 (2.0) | 59.6 (2.4) | 53.0 (2.3) | 1.8 (-8.9, 12.6) |  | 0.1 (-0.3, 0.6) | 0.1 (-0.3, 0.6) |
| Age: 65 to 74 | 71.5 (0.6) | 71.7 (2.7) | 70.2 (2.4) | 72.1 (2.5) | 68.1 (2.9) | 72.7 (2.4) | 68.7 (2.5) | 69.8 (2.6) | 74.3 (2.2) | 73.7 (2.6) | 74.4 (2.3) | 70.4 (2.3) | 71.5 (2.3) | 67.4 (2.5) | -0.4 (-10.1, 9.4) |  | 0.2 (-0.3, 0.8) | 0.2 (-0.3, 0.8) |
| Age: 75+ | 72.0 (0.8) | 72.4 (3.2) | 66.5 (3.1) | 73.8 (2.7) | 73.0 (2.9) | 74.9 (3.2) | 72.6 (3.1) | 76.4 (2.6) | 74.1 (2.7) | 68.3 (3.1) | 72.5 (2.8) | 68.7 (2.7) | 70.4 (3.1) | 69.9 (2.6) | -2.8 (-14.7, 9.0) |  | -0.2 (-1.0, 0.6) | -0.2 (-1.0, 0.6) |
| Highest degree earned: Less than high school | 47.7 (1.2) | 48.5 (3.9) | 42.8 (3.5) | 46.2 (4.1) | 56.6 (3.6) | 52.2 (4.9) | 49.8 (3.3) | 46.1 (3.3) | 45.8 (6.1) | 45.1 (3.6) | 41.4 (3.5) | 51.7 (5.0) | 45.5 (4.7) | 36.9 (5.8) | -6.3 (-30.5, 17.8) |  | -0.5 (-2.2, 1.2) | -0.5 (-2.2, 1.2) |
| Highest degree earned: High school | 55.0 (1.0) | 54.4 (3.2) | 53.0 (3.6) | 60.3 (3.1) | 56.3 (3.3) | 60.4 (4.0) | 57.6 (3.9) | 55.7 (3.2) | 51.2 (4.5) | 55.8 (2.9) | 48.7 (3.2) | 52.2 (3.7) | 54.7 (4.0) | 51.0 (4.5) | 0.6 (-17.9, 19.0) |  | -0.7 (-1.9, 0.4) | -0.7 (-1.9, 0.4) |
| Highest degree earned: Greater than high school | 63.1 (1.2) | 63.9 (4.2) | 60.9 (4.6) | 59.1 (3.9) | 65.5 (4.2) | 71.3 (5.0) | 64.5 (4.2) | 59.7 (4.6) | 66.7 (4.8) | 61.6 (4.7) | 64.2 (3.8) | 65.4 (4.2) | 54.8 (4.9) | 53.6 (4.9) | -14.2 (-33.0, 4.5) |  | -0.4 (-1.7, 0.9) | -0.4 (-1.7, 0.9) |
| Race/Ethnicity: Hispanic | 48.5 (1.7) | 51.4 (13.8) | 58.9 (12.6) | 33.6 (14.9) | 54.6 (18.6) | 47.4 (3.6) | 46.8 (3.6) | 51.0 (3.5) | 46.1 (3.9) | 44.4 (3.5) | 46.1 (4.6) | 52.6 (5.0) | 49.1 (5.5) | 44.3 (6.8) | -4.4 (-58.9, 50.1) |  | -0.1 (-2.8, 2.6) | -0.1 (-2.8, 2.6) |
| Race/Ethnicity: Black/not Hispanic | 53.5 (0.8) | 47.6 (4.3) | 55.6 (4.3) | 57.3 (4.2) | 56.9 (4.0) | 53.5 (3.4) | 52.9 (3.8) | 57.4 (4.6) | 49.9 (4.0) | 53.2 (4.1) | 53.8 (4.9) | 53.1 (5.4) | 50.4 (6.3) | 61.2 (7.3) | 5.9 (-26.1, 37.9) |  | -0.2 (-1.3, 0.9) | -0.2 (-1.3, 0.9) |
| Race/Ethnicity: Asian/not Hispanic | 53.4 (2.3) | 66.5 (7.5) | 48.2 (7.7) | 48.7 (8.6) | 50.7 (8.6) | 67.2 (7.8) | 62.8 (6.6) | 47.0 (8.3) | 45.1 (9.1) | 48.5 (8.7) | 49.4 (9.5) | 60.2 (11.8) | 46.6 (13.7) | 53.8 (13.8) | -29.9 (-73.2, 13.4) |  | -1.2 (-3.9, 1.5) | -1.2 (-3.9, 1.5) |
| Race/Ethnicity: White/not Hispanic | 58.5 (1.1) | 57.4 (2.5) | 51.5 (2.8) | 58.0 (2.3) | 60.6 (2.8) | 65.8 (3.0) | 63.2 (3.1) | 57.1 (3.3) | 58.4 (3.3) | 58.3 (3.2) | 53.9 (3.3) | 61.9 (2.7) | 55.3 (3.8) | 48.5 (3.5) | -3.6 (-19.0, 11.7) |  | 0.0 (-1.3, 1.4) | 0.0 (-1.3, 1.4) |
| Sex: Male | 54.4 (0.9) | 51.3 (3.2) | 50.6 (3.0) | 55.6 (3.0) | 60.2 (3.3) | 56.3 (3.0) | 58.1 (3.2) | 54.9 (3.2) | 54.3 (2.9) | 54.1 (3.1) | 52.1 (3.1) | 55.9 (3.2) | 49.7 (3.6) | 54.5 (4.7) | -3.1 (-21.4, 15.1) | 2011 | 5.4 (-0.8, 12.0), -1.6 (-2.9, -0.3) | 0.3 (-1.3, 1.9) |
| Sex: Female | 56.5 (0.8) | 59.3 (2.9) | 54.2 (3.2) | 57.6 (2.7) | 57.3 (2.8) | 63.3 (2.6) | 57.3 (3.1) | 54.7 (2.9) | 54.2 (2.8) | 55.8 (3.0) | 51.3 (2.8) | 57.3 (3.1) | 55.1 (3.6) | 45.3 (3.6) | -6.9 (-21.8, 7.9) |  | -0.6 (-1.5, 0.3) | -0.6 (-1.5, 0.3) |
| Insurance coverage: Private only | 57.4 (1.3) | 57.0 (3.1) | 57.1 (3.5) | 61.3 (3.3) | 61.5 (3.8) | 61.9 (3.7) | 65.1 (3.6) | 56.4 (3.5) | 51.6 (3.6) | 59.3 (3.2) | 52.0 (3.5) | 57.1 (3.5) | 48.7 (4.4) | 48.1 (4.5) | -14.5 (-32.1, 3.1) |  | -1.3 (-2.7, 0.1) | -1.3 (-2.7, 0.1) |
| Insurance coverage: Medicaid | 51.0 (1.3) | 57.1 (4.8) | 50.1 (4.7) | 52.6 (4.9) | 56.6 (4.6) | 56.5 (4.8) | 50.9 (4.3) | 46.3 (4.4) | 52.0 (4.2) | 41.3 (4.8) | 46.2 (4.3) | 52.5 (5.0) | 50.3 (5.4) | 45.3 (5.6) | -11.8 (-35.4, 11.8) |  | -1.3 (-2.9, 0.3) | -1.3 (-2.9, 0.3) |
| Insurance coverage: Uninsured | 33.8 (1.8) | 26.9 (5.5) | 27.4 (4.8) | 27.4 (4.1) | 35.8 (4.8) | 36.3 (4.8) | 23.4 (4.5) | 43.6 (6.8) | 40.3 (9.9) | 34.8 (6.0) | 32.2 (8.3) | 36.2 (11.2) | 41.6 (13.2) | 30.0 (10.5) | 54.9 (-59.9, 169.7) |  | 3.3 (0.1, 6.6) | 3.3 (0.1, 6.6) |
| Insurance coverage: Medicare only | 69.7 (0.8) | 67.9 (2.9) | 64.9 (2.7) | 72.0 (2.3) | 67.4 (2.6) | 74.2 (2.2) | 71.7 (2.2) | 68.5 (3.0) | 71.7 (2.2) | 71.6 (2.4) | 68.9 (2.3) | 66.6 (2.6) | 71.3 (2.1) | 69.9 (2.3) | 5.0 (-5.5, 15.5) |  | 0.2 (-0.5, 1.0) | 0.2 (-0.5, 1.0) |
| Poverty income ratio: > 400% | 65.0 (1.5) | 64.5 (4.3) | 58.5 (4.4) | 66.7 (4.0) | 67.3 (3.9) | 69.6 (3.8) | 73.7 (3.7) | 72.2 (4.0) | 62.1 (4.6) | 65.3 (3.9) | 60.6 (4.5) | 63.6 (3.7) | 55.4 (4.9) | 56.4 (5.2) | -14.1 (-32.8, 4.6) | 2013 | 3.4 (-0.9, 7.8), -3.8 (-6.8, -0.7) | -0.6 (-2.7, 1.5) |
| Poverty income ratio: 200%—399% | 53.6 (1.3) | 56.6 (3.7) | 51.4 (4.0) | 50.9 (3.7) | 59.6 (4.2) | 56.4 (4.2) | 52.1 (4.1) | 48.6 (3.5) | 51.3 (4.5) | 44.1 (3.7) | 55.1 (4.2) | 61.5 (4.4) | 55.3 (5.4) | 41.3 (5.0) | -2.3 (-24.7, 20.0) |  | 0.0 (-1.8, 1.8) | 0.0 (-1.8, 1.8) |
| Poverty income ratio: 100%—199% | 51.6 (1.7) | 50.1 (4.0) | 50.2 (5.3) | 60.0 (4.0) | 56.0 (3.6) | 59.0 (3.9) | 58.2 (4.3) | 44.9 (4.2) | 47.1 (3.5) | 55.9 (4.2) | 44.8 (4.3) | 51.1 (4.8) | 42.4 (4.8) | 50.0 (7.0) | -15.4 (-38.6, 7.9) |  | -1.6 (-3.6, 0.4) | -1.6 (-3.6, 0.4) |
| Poverty income ratio: < 100% | 47.8 (1.3) | 42.8 (4.7) | 47.8 (4.0) | 47.2 (4.9) | 45.0 (4.6) | 52.0 (4.0) | 44.5 (4.8) | 50.9 (5.0) | 55.2 (4.9) | 51.1 (4.9) | 40.6 (4.6) | 42.5 (4.7) | 54.2 (4.5) | 50.4 (6.3) | 26.6 (-7.5, 60.8) |  | 0.5 (-1.5, 2.5) | 0.5 (-1.5, 2.5) |
| Foot examination |
| Overall | 61.4 (0.7) | 57.9 (2.4) | 61.3 (2.2) | 60.8 (2.0) | 64.3 (1.8) | 66.2 (2.0) | 61.7 (2.4) | 64.0 (2.2) | 60.3 (2.1) | 59.5 (2.2) | 62.0 (1.9) | 59.4 (2.5) | 59.7 (2.5) | 54.4 (2.9) | 3.2 (-8.5, 14.9) | 2011 | 3.5 (-1.1, 8.4), -1.1 (-2.1, -0.1) | 0.2 (-1.0, 1.4) |
| Age: 18 to 44 | 55.7 (1.1) | 50.6 (3.9) | 56.9 (4.0) | 53.4 (3.6) | 60.5 (3.4) | 64.1 (3.5) | 56.4 (4.3) | 57.9 (4.0) | 52.0 (3.9) | 51.8 (3.9) | 56.6 (3.4) | 54.4 (4.4) | 53.7 (4.5) | 49.2 (5.5) | 6.1 (-17.7, 30.0) |  | -0.3 (-1.6, 1.1) | -0.3 (-1.6, 1.1) |
| Age: 45 to 64 | 65.2 (0.5) | 65.0 (2.0) | 63.7 (1.9) | 66.9 (1.7) | 65.4 (2.0) | 66.1 (2.0) | 64.6 (1.8) | 67.8 (1.8) | 67.4 (2.0) | 65.4 (2.0) | 65.5 (1.9) | 61.3 (2.0) | 63.2 (2.3) | 56.8 (2.5) | -2.8 (-11.8, 6.2) |  | -0.2 (-0.8, 0.3) | -0.2 (-0.8, 0.3) |
| Age: 65 to 74 | 72.3 (0.8) | 66.7 (3.3) | 70.1 (2.8) | 71.6 (2.8) | 71.9 (2.6) | 71.0 (2.1) | 75.3 (2.2) | 75.6 (2.4) | 76.3 (2.4) | 75.5 (2.3) | 69.7 (2.3) | 72.6 (1.9) | 71.6 (2.2) | 66.8 (2.4) | 7.4 (-4.9, 19.7) | 2014 | 1.9 (0.5, 3.4), -1.4 (-3.3, 0.6) | 0.4 (-0.6, 1.4) |
| Age: 75+ | 73.0 (0.8) | 69.6 (3.2) | 72.3 (2.8) | 74.1 (2.9) | 76.8 (2.7) | 75.3 (3.2) | 70.3 (3.0) | 77.1 (2.4) | 70.8 (3.2) | 70.6 (3.1) | 75.7 (2.5) | 70.4 (3.0) | 73.3 (2.8) | 65.7 (3.4) | 5.3 (-7.0, 17.6) |  | 0.0 (-0.7, 0.7) | 0.0 (-0.7, 0.7) |
| Highest degree earned: Less than high school | 56.9 (1.5) | 51.4 (4.0) | 56.5 (3.4) | 55.6 (3.2) | 67.7 (2.9) | 65.5 (5.3) | 56.2 (3.0) | 57.8 (3.6) | 51.3 (6.0) | 58.5 (3.4) | 57.3 (4.1) | 50.7 (4.8) | 54.6 (5.3) | 45.1 (5.9) | 6.1 (-19.5, 31.7) |  | -0.5 (-2.2, 1.2) | -0.5 (-2.2, 1.2) |
| Highest degree earned: High school | 62.4 (1.1) | 56.0 (3.1) | 62.4 (3.5) | 61.1 (2.8) | 62.8 (3.1) | 70.5 (3.5) | 65.2 (3.8) | 67.1 (3.5) | 56.8 (4.3) | 59.2 (3.3) | 62.1 (3.2) | 62.8 (3.8) | 63.2 (3.8) | 56.2 (4.1) | 13.0 (-5.2, 31.2) |  | 0.2 (-1.0, 1.5) | 0.2 (-1.0, 1.5) |
| Highest degree earned: Greater than high school | 63.9 (1.1) | 67.6 (4.1) | 63.8 (4.5) | 64.3 (4.0) | 63.9 (3.7) | 73.9 (5.9) | 61.3 (4.4) | 64.0 (4.4) | 61.6 (6.8) | 60.9 (4.9) | 65.2 (3.9) | 60.8 (3.6) | 59.5 (4.5) | 55.9 (5.1) | -11.9 (-28.7, 4.9) |  | -0.9 (-1.8, 0.1) | -0.9 (-1.8, 0.1) |
| Race/Ethnicity: Hispanic | 53.0 (2.8) | 41.3 (13.3) | 33.1 (11.0) | 60.8 (16.0) | 73.9 (12.3) | 58.3 (3.6) | 50.6 (3.5) | 55.2 (4.0) | 58.9 (3.7) | 47.6 (3.8) | 49.8 (4.2) | 53.3 (5.6) | 53.4 (5.7) | 48.3 (6.8) | 29.3 (-56.5, 115.1) |  | 1.3 (-2.5, 5.3) | 1.3 (-2.5, 5.3) |
| Race/Ethnicity: Black/not Hispanic | 61.7 (1.2) | 53.5 (4.3) | 62.2 (4.3) | 59.9 (4.5) | 66.7 (3.2) | 69.9 (3.5) | 59.7 (3.5) | 65.7 (4.1) | 60.8 (5.9) | 58.2 (4.7) | 62.7 (4.4) | 57.9 (4.7) | 63.2 (5.6) | 61.0 (7.0) | 18.1 (-9.6, 45.9) |  | 0.2 (-1.2, 1.6) | 0.2 (-1.2, 1.6) |
| Race/Ethnicity: Asian/not Hispanic | 58.2 (2.1) | 59.2 (8.4) | 49.9 (7.3) | 65.9 (9.6) | 61.7 (8.6) | 66.8 (7.4) | 68.1 (5.7) | 59.8 (8.2) | 58.6 (9.4) | 55.2 (8.1) | 61.2 (9.0) | 47.2 (9.6) | 44.2 (13.8) | 45.0 (14.3) | -25.3 (-75.4, 24.8) |  | -1.8 (-4.1, 0.5) | -1.8 (-4.1, 0.5) |
| Race/Ethnicity: White/not Hispanic | 64.1 (0.8) | 59.5 (2.9) | 62.2 (2.7) | 60.9 (2.4) | 64.1 (2.4) | 68.9 (2.9) | 66.6 (3.8) | 67.1 (3.2) | 61.0 (3.5) | 65.0 (3.2) | 65.2 (3.0) | 64.0 (3.0) | 64.2 (3.0) | 56.2 (4.0) | 7.9 (-6.2, 22.1) |  | 0.5 (-0.3, 1.2) | 0.5 (-0.3, 1.2) |
| Sex: Male | 62.8 (1.0) | 57.7 (3.3) | 62.0 (3.1) | 62.0 (3.1) | 66.9 (2.9) | 66.5 (3.0) | 62.5 (3.1) | 65.0 (3.2) | 67.5 (2.6) | 61.7 (3.1) | 64.9 (2.8) | 59.5 (3.2) | 57.2 (3.5) | 56.6 (4.2) | -0.9 (-17.1, 15.4) | 2011 | 5.1 (-1.9, 12.6), -1.4 (-2.9, 0.0) | 0.3 (-1.5, 2.1) |
| Sex: Female | 60.2 (0.8) | 58.1 (2.9) | 60.8 (3.1) | 59.6 (2.9) | 61.8 (2.6) | 66.0 (2.8) | 60.9 (3.3) | 63.1 (2.8) | 54.1 (3.0) | 57.5 (2.8) | 59.2 (2.7) | 59.2 (3.3) | 62.4 (3.2) | 52.4 (4.0) | 7.5 (-7.7, 22.7) |  | -0.1 (-1.1, 0.8) | -0.1 (-1.1, 0.8) |
| Insurance coverage: Private only | 62.8 (0.9) | 61.4 (3.4) | 65.0 (3.2) | 61.9 (3.2) | 63.9 (2.9) | 67.9 (3.3) | 64.5 (3.5) | 63.2 (3.5) | 57.3 (3.8) | 59.7 (3.2) | 68.3 (2.9) | 58.6 (4.0) | 61.4 (3.4) | 53.3 (4.8) | 0.0 (-15.4, 15.4) |  | -0.4 (-1.4, 0.6) | -0.4 (-1.4, 0.6) |
| Insurance coverage: Medicaid | 59.3 (1.8) | 51.8 (4.5) | 61.3 (3.8) | 60.6 (4.9) | 68.9 (4.2) | 68.8 (4.3) | 60.0 (4.8) | 57.6 (4.3) | 66.3 (3.8) | 51.3 (4.7) | 56.1 (4.1) | 60.0 (4.1) | 48.9 (5.0) | 54.5 (5.2) | -5.5 (-30.4, 19.3) |  | -1.0 (-3.1, 1.0) | -1.0 (-3.1, 1.0) |
| Insurance coverage: Uninsured | 43.3 (2.3) | 40.2 (6.9) | 37.8 (6.0) | 45.2 (4.9) | 46.1 (5.3) | 46.4 (5.5) | 38.0 (6.6) | 60.1 (6.6) | 37.8 (6.7) | 49.8 (7.4) | 31.1 (6.6) | 35.0 (9.9) | 51.7 (12.9) | 31.3 (11.0) | 28.7 (-47.8, 105.2) |  | -0.1 (-3.7, 3.6) | -0.1 (-3.7, 3.6) |
| Insurance coverage: Medicare only | 72.0 (0.6) | 68.7 (2.5) | 71.3 (2.5) | 72.4 (2.5) | 70.6 (2.8) | 72.5 (2.2) | 73.1 (2.1) | 76.0 (2.3) | 72.3 (2.3) | 74.8 (2.4) | 69.2 (2.5) | 69.0 (2.1) | 74.0 (1.8) | 67.0 (2.3) | 7.7 (-1.6, 17.1) |  | 0.2 (-0.4, 0.8) | 0.2 (-0.4, 0.8) |
| Poverty income ratio: > 400% | 66.7 (1.2) | 62.9 (4.2) | 61.5 (4.6) | 72.5 (2.7) | 64.4 (3.7) | 63.7 (4.1) | 73.0 (3.8) | 72.8 (4.0) | 65.3 (4.1) | 65.2 (4.1) | 71.2 (3.7) | 62.8 (4.1) | 65.0 (4.4) | 58.8 (5.0) | 3.3 (-16.1, 22.6) |  | 0.2 (-1.1, 1.4) | 0.2 (-1.1, 1.4) |
| Poverty income ratio: 200%—399% | 61.2 (1.4) | 59.0 (4.2) | 66.1 (3.7) | 56.4 (3.7) | 67.1 (3.6) | 70.9 (4.2) | 56.4 (4.2) | 61.8 (4.0) | 59.8 (4.5) | 53.7 (4.0) | 63.1 (3.6) | 62.8 (4.3) | 57.2 (5.1) | 56.2 (5.2) | -3.0 (-24.7, 18.8) |  | -0.5 (-2.1, 1.0) | -0.5 (-2.1, 1.0) |
| Poverty income ratio: 100%—199% | 60.5 (1.2) | 56.1 (4.0) | 63.3 (4.7) | 60.8 (4.2) | 64.7 (3.6) | 66.8 (4.0) | 63.5 (4.1) | 59.5 (4.9) | 60.6 (3.7) | 61.2 (4.0) | 59.0 (4.3) | 50.4 (4.3) | 59.7 (5.9) | 44.5 (6.1) | 6.4 (-18.9, 31.7) |  | -0.8 (-2.1, 0.5) | -0.8 (-2.1, 0.5) |
| Poverty income ratio: < 100% | 54.4 (1.4) | 48.3 (5.0) | 49.4 (3.8) | 50.2 (4.4) | 59.2 (4.3) | 61.5 (4.0) | 53.2 (5.6) | 60.0 (4.7) | 51.2 (4.8) | 55.3 (4.4) | 48.2 (4.4) | 60.5 (4.9) | 55.3 (4.6) | 52.6 (5.5) | 14.5 (-15.3, 44.3) |  | 0.8 (-0.9, 2.5) | 0.8 (-0.9, 2.5) |
| *\**Values in these columns were estimated excluding data from 2020. |
| *†*Percent change: the percent change in the proportion from 2008 to 2019. |
| *‡*Years identified as Joinpoint years. |
| *§*Annual percent change: the slope of the line in each period demarcated by a Joinpoint year. If two Joinpoint years are identified, there will be three different annual percent changes. Joinpoint years are identified by permutation test, whereas the test of significance for APC is an asymptotic t-test. Due to the omnibus nature of the permutation test and the use of all the data in identifying the Joinpoints, the permutation tests are more powerful. In some cases, Joinpoint years are identified but the corresponding intervals for the APC will overlap zero due to this power difference. |
| *||*Average annual percent change: the slope of the line over the entire study period. |