## Leisure-time physical activity

Figure 7.1. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for aerobic activity through leisure-time aerobic activity: United States, 1997-2016


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Estimates in this figure are limited to leisure-time physical activity only. This measure reflects an estimate of leisure-time aerobic activity motivated by the 2008 federal Physical Activity Guidelines for Americans, which are being used for Healthy People 2020 Objectives (3). The 2008 guidelines refer to any kind of aerobic activity, not just leisure-time aerobic activity, so the leisure-time aerobic activity estimates in this figure may underestimate the percentage of adults who met the 2008 guidelines for aerobic activity. This figure presents the percentage of adults who met the 2008 federal guidelines for aerobic activity. The 2008 federal guidelines recommend that for substantial health benefits, adults perform at least 150 minutes a week of moderate-intensity aerobic physical activity, 75 minutes a week of vigorous-intensity aerobic physical activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity. The 2008 guidelines state that aerobic activity should be performed in episodes of at least 10 minutes and preferably should be spread throughout the week. The 2008 guidelines were applied to leisure-time activity data starting with 1997 to derive the aerobic activity estimates in this figure, allowing trend analysis. The analyses exclude persons with unknown physical activity participation (about 3\% of respondents each year). See Technical Notes for more details.

DATA SOURCE: NCHS, National Health Interview Survey, 1997-2016, Sample Adult Core component.

- For $2016,51.7 \% ~(95 \%$ confidence interval $=50.57 \%-52.87 \%)$ of U.S. adults aged 18 and over met the 2008 federal physical activity guidelines for aerobic activity (based on leisure-time activity). This percentage was higher than the 2015 estimate (49.0\%).
- The annual percentage of adults aged 18 and over who met the 2008 federal physical activity guidelines for aerobic activity (based on leisure-time activity) was stable from 1997 through 2006, then steadily increased to 51.7\% in 2016.

Figure 7.2. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for aerobic activity through leisure-time aerobic activity, by age group and sex: United States, 2016


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Estimates in this figure are limited to leisure-time physical activity only. This measure reflects an estimate of leisure-time aerobic activity motivated by the 2008 federal Physical Activity Guidelines for Americans, which are being used for Healthy People 2020 Objectives (3). The 2008 guidelines refer to any kind of aerobic activity, not just leisure-time aerobic activity, so the leisure-time aerobic activity estimates in this figure may underestimate the percentage of adults who met the 2008 guidelines for aerobic activity. This figure presents the percentage of adults who met the 2008 federal guidelines for aerobic activity. The 2008 federal guidelines recommend that for substantial health benefits, adults perform at least 150 minutes a week of moderate-intensity aerobic physical activity, 75 minutes a week of vigorous-intensity aerobic physical activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity. The 2008 guidelines state that aerobic activity should be performed in episodes of at least 10 minutes and preferably should be spread throughout the week. The analyses exclude the $1.9 \%$ of persons with unknown physical activity participation. See Technical Notes for more details.

DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

- For both sexes combined, as age increased, the percentage of adults who met the 2008 federal physical activity guidelines for aerobic activity (based on leisure-time activity) decreased. This pattern also held for males and females.
- For adults aged 18 and over, and for age groups 18-24, 25-64, 65-74, and 75 and over, women were less likely than men to meet the 2008 federal physical activity guidelines for aerobic activity (based on leisure-time activity).

Figure 7.3. Age-sex-adjusted percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for aerobic activity through leisure-time aerobic activity, by race and ethnicity: United States, 2016


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Estimates in this figure are limited to leisure-time physical activity only. This measure reflects an estimate of leisure-time aerobic activity motivated by the 2008 federal Physical Activity Guidelines for Americans, which are being used for Healthy People 2020 Objectives (3). The 2008 guidelines refer to any kind of aerobic activity, not just leisure-time aerobic activity, so the leisure-time aerobic activity estimates in this figure may underestimate the percentage of adults who met the 2008 guidelines for aerobic activity. This figure presents the percentage of adults who met the 2008 federal guidelines for aerobic activity. The 2008 federal guidelines recommend that for substantial health benefits, adults perform at least 150 minutes a week of moderate-intensity aerobic physical activity, 75 minutes a week of vigorous-intensity aerobic physical activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity. The 2008 guidelines state that aerobic activity should be performed in episodes of at least 10 minutes and preferably should be spread throughout the week. The analyses exclude the $1.9 \%$ of persons with unknown physical activity participation. Estimates are age-sex-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-$44,45-64$, and 65 and over. See Technical Notes for more details.

DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

- The age-sex-adjusted percentage of adults by race and ethnicity who met the 2008 federal physical activity guidelines for aerobic activity (based on leisure-time activity) was $44.3 \%$ for Hispanic adults, $56.2 \%$ for non-Hispanic white adults, and $44.4 \%$ for non-Hispanic black adults.
- Non-Hispanic white adults were more likely to meet the 2008 federal physical activity guidelines for aerobic activity (based on leisure-time activity) compared with Hispanic adults and non-Hispanic black adults.

Figure 7.4. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities through leisure-time aerobic and muscle-strengthening activities: United States, 19972016


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Estimates in this figure are limited to leisure-time physical activity only. This measure reflects an estimate of leisure-time aerobic and muscle-strengthening activities motivated by the 2008 federal Physical Activity Guidelines for Americans, which are being used for Healthy People 2020 Objectives (3). The 2008 guidelines refer to any kind of aerobic and muscle-strengthening activity, not just leisure-time aerobic and muscle-strengthening activities, so the leisure-time aerobic and muscle-strengthening activity estimates in this figure may underestimate the percentage of adults who met the 2008 guidelines for aerobic and muscle-strengthening activities. This figure presents the percentage of adults who met the 2008 federal guidelines for both aerobic activity and muscle strengthening. The 2008 federal guidelines recommend that for substantial health benefits, adults perform at least 150 minutes a week of moderate-intensity aerobic physical activity, 75 minutes a week of vigorous-intensity aerobic physical activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity. The 2008 guidelines state that aerobic activity should be performed in episodes of at least 10 minutes and preferably should be spread throughout the week. The 2008 guidelines also recommend that adults perform muscle-strengthening activities that are of moderate or high intensity and involve all major muscle groups on 2 or more days a week, because these activities provide additional health benefits. The National Health Interview Survey estimates are based on number of times per week, which may or may not be the same as number of days per week. The 2008 guidelines were applied to both leisuretime activity and muscle-strengthening data starting with 1997 to derive the aerobic activity and muscle-strengthening estimates in this figure, allowing trend analysis. The analyses exclude persons with unknown physical activity participation (about 3\% of respondents each year). See Technical Notes for more details.

## DATA SOURCE: NCHS, National Health Interview Survey, 1997-2016, Sample Adult Core component.

- In 2016, $21.7 \%(95 \%$ confidence interval $=21.00 \%-22.47 \%)$ of U.S. adults aged 18 and over met the 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities (based on leisure-time activities). This percentage was higher than, but not significantly different from, the 2015 estimate of $20.9 \%$.
- The annual percentage of adults aged 18 and over who met the 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities (based on leisure-time activities) increased, from $16.0 \%$ in 2006 to $20.4 \%$ in 2010, and remained stable through 2016.

Figure 7.5. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities through leisure-time aerobic and muscle-strengthening activities, by age group and sex: United States, 2016


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Estimates in this figure are limited to leisure-time physical activity only. This measure reflects an estimate of leisure-time aerobic and muscle-strengthening activities motivated by the 2008 federal Physical Activity Guidelines for Americans, which are being used for Healthy People 2020 Objectives (3). The 2008 guidelines refer to any kind of aerobic and muscle-strengthening activity, not just leisure-time aerobic and muscle-strengthening activities, so the leisure-time aerobic and muscle-strengthening activity estimates in this figure may underestimate the percentage of adults who met the 2008 guidelines for aerobic and muscle-strengthening activities. This figure presents the percentage of adults who met the 2008 federal guidelines for both aerobic and muscle strengthening activities. The 2008 federal guidelines recommend that for substantial health benefits, adults perform at least 150 minutes a week of moderateintensity aerobic physical activity, 75 minutes a week of vigorous-intensity aerobic physical activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity. The 2008 guidelines state that aerobic activity should be performed in episodes of at least 10 minutes and preferably should be spread throughout the week. The 2008 guidelines also recommend that adults perform muscle-strengthening activities that are of moderate or high intensity and involve all major muscle groups on 2 or more days a week, because these activities provide additional health benefits. The National Health Interview Survey estimates are based on number of times per week, which may not be the same as number of days per week. The analyses exclude the $2.1 \%$ of persons with unknown physical activity participation. See Technical Notes for more details.

DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

- For both sexes combined, as age increased, the percentage of adults who met the 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities (based on leisure-time activities) decreased. This pattern held for males and females.
- For adults aged 18 and over and age groups 18-24, 25-64, 65-74, and 75 and over, women were less likely to meet the 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities (based on leisure-time activities) compared with men.

Figure 7.6. Age-sex-adjusted percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities through leisure-time aerobic and muscle-strengthening activities, by race and ethnicity: United States, 2016


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Estimates in this figure are limited to leisure-time physical activity only. This measure reflects an estimate of leisure-time aerobic and muscle-strengthening activities motivated by the 2008 federal Physical Activity Guidelines for Americans, which are being used for Healthy People 2020 Objectives (3). The 2008 guidelines refer to any kind of aerobic and muscle-strengthening activity, not just leisure-time aerobic and muscle-strengthening activities, so the leisure-time aerobic and muscle-strengthening activity estimates in this figure may underestimate the percentage of adults who met the 2008 guidelines for aerobic and muscle-strengthening activities. This figure presents the percentage of adults who met the 2008 federal guidelines for both aerobic and muscle strengthening activities. The 2008 federal guidelines recommend that for substantial health benefits, adults perform at least 150 minutes a week of moderateintensity aerobic physical activity, 75 minutes a week of vigorous-intensity aerobic physical activity, or an equivalent combination of moderate- and vigorous-intensity aerobic activity. The 2008 guidelines state that aerobic activity should be performed in episodes of at least 10 minutes and preferably should be spread throughout the week. The 2008 guidelines also recommend that adults perform muscle-strengthening activities that are of moderate or high intensity and involve all major muscle groups on 2 or more days a week, because these activities provide additional health benefits. The National Health Interview Survey estimates are based on number of times per week, which may not be the same as number of days per week. The analyses exclude the $2.1 \%$ of persons with unknown physical activity participation. Estimates are age-sex-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over. See Technical Notes for more details.

DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

- The age-sex-adjusted percentage of adults by race and ethnicity who met the 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities (based on leisure-time activities) was $16.9 \%$ for Hispanic adults, $24.6 \%$ for non-Hispanic white adults, and $21.2 \%$ for non-Hispanic black adults.
- Non-Hispanic white adults were more likely to meet the 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities (based on leisure-time activities) compared with nonHispanic black adults and Hispanic adults.

Data tables for Figures 7.1-7.6:
Data table for Figure 7.1. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for aerobic activity through leisure-time aerobic activity: United States, 1997-2016

|  | Year | Crude $^{1}$ percent <br> (95\% confidence interval) |
| :--- | :---: | :---: |
| 1997 | $43.6(42.5-44.6)$ | Age-adjusted ${ }^{2}$ percent <br> (95\% confidence interval) |
| 1998 | $40.3(39.5-41.1)$ | $43.3(42.2-44.3)$ |
| 1999 | $41.1(40.3-41.9)$ | $40.1(39.3-40.9)$ |
| 2000 | $42.4(41.6-43.2)$ | $40.9(40.2-41.7)$ |
| 2001 | $43.0(42.2-43.8)$ | $42.3(41.5-43.1)$ |
| 2002 | $43.0(42.1-43.9)$ | $42.9(42.1-43.7)$ |
| 2003 | $43.4(42.5-44.3)$ | $42.9(42.1-43.8)$ |
| 2004 | $41.7(40.8-42.6)$ | $43.3(42.4-44.2)$ |
| 2005 | $41.0(40.18-41.89)$ | $41.6(40.8-42.5)$ |
| 2006 | $41.4(40.31-42.42)$ | $41.1(40.21-41.90)$ |
| 2007 | $41.5(40.36-42.63)$ | $41.4(40.37-42.47)$ |
| 2008 | $43.4(42.33-44.47)$ | $41.5(40.33-42.59)$ |
| 2009 | $47.0(46.05-47.95)$ | $43.5(42.43-44.58)$ |
| 2010 | $46.9(45.96-47.78)$ | $47.2(46.25-48.16)$ |
| 2011 | $48.4(47.42-49.30)$ | $47.1(46.20-47.98)$ |
| 2012 | $49.5(48.51-50.49)$ | $48.7(47.76-49.61)$ |
| 2013 | $49.3(48.38-50.28)$ | $49.9(48.92-50.87)$ |
| 2014 | $49.2(48.21-50.24)$ | $49.9(48.95-50.84)$ |
| 2015 | $49.0(47.98-49.95)$ | $49.8(48.78-50.82)$ |
| 2016 | $51.7(50.57-52.87)$ | $49.7(48.72-50.69)$ |

[^0]DATA SOURCE: NCHS, National Health Interview Survey, 1997-2016, Sample Adult Core component.

Data table for Figure 7.2. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for aerobic activity through leisure-time aerobic activity, by age group and sex: United States, 2016

| Age (years) and sex | Percent | $95 \%$ confidence interval |
| :--- | :---: | :---: |
| $18-24$, total | 60.2 | $57.08-63.24$ |
| $18-24$, male | 65.7 | $61.49-69.90$ |
| $18-24$, female | 54.5 | $50.76-58.25$ |
| 25-64, total | 54.0 | $52.78-55.21$ |
| $25-64$, male | 56.9 | $55.43-58.34$ |
| $25-64$, female | 51.2 | $49.85-52.63$ |
| $65-74$, total | 44.9 | $42.90-46.82$ |
| $65-74$, male | 49.1 | $46.20-52.09$ |
| $65-74$, female | 41.1 | $38.93-43.34$ |
| 75 and over, total | 29.3 | $26.67-31.88$ |
| 75 and over, male | 35.3 | $31.60-39.08$ |
| 75 and over, female | 24.9 | $22.14-27.62$ |
| 18 and over (crude ${ }^{1}$ ), total | 51.7 | $50.57-52.87$ |
| 18 and over (crude ${ }^{1}$ ), male | 55.6 | $54.23-57.06$ |
| 18 and over (crude $)^{1}$ ), female | 48.1 | $46.78-49.34$ |
| 18 and over (age-adjusted ${ }^{2}$ ), total | 52.5 | $51.29-53.61$ |
| 18 and over (age-adjusted ${ }^{2}$ ), male | 56.1 | $54.68-57.48$ |
| 18 and over (age-adjusted ${ }^{2}$ ), female | 49.1 | $47.76-50.35$ |

${ }^{1}$ Crude estimates are presented.
${ }^{2}$ Estimates for this Healthy People 2020 Leading Health Indicator are age-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.
DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

Data table for Figure 7.3. Adjusted percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for aerobic activity through leisuretime aerobic activity, by race and ethnicity: United States, 2016

| Race and ethnicity | Age-sex-adjusted ${ }^{1}$ percent <br> $(95 \%$ confidence interval) | Age-adjusted ${ }^{2}$ percent <br> $(95 \%$ confidence interval $)$ |
| :--- | :---: | :---: |
| Hispanic or Latino | $44.3(41.52-46.99)$ | $44.3(41.57-47.03)$ |
| Not Hispanic or Latino, single race, white | $56.2(54.97-57.40)$ | $56.3(55.07-57.48)$ |
| Not Hispanic or Latino, single race, black | $44.4(42.29-46.55)$ | $44.0(41.87-46.13)$ |

[^1]NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.
DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

Data table for Figure 7.4. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities through leisure-time aerobic and muscle-strengthening activities: United States, 1997-2016

|  | Year | Crude $^{1}$ percent <br> (95\% confidence interval) |
| :--- | :---: | :---: |
| 1997 | $16.3(15.5-17.1)$ | Age-adjusted ${ }^{2}$ percent <br> $(95 \%$ confidence interval) |
| 1998 | $14.5(14.0-15.1)$ | $16.1(15.3-16.9)$ |
| 1999 | $15.2(14.6-15.8)$ | $14.4(13.9-14.9)$ |
| 2000 | $15.1(14.5-15.7)$ | $15.0(14.5-15.6)$ |
| 2001 | $16.6(16.1-17.2)$ | $15.0(14.5-15.6)$ |
| 2002 | $16.8(16.2-17.4)$ | $16.5(16.0-17.1)$ |
| 2003 | $16.9(16.3-17.6)$ | $16.7(16.2-17.3)$ |
| 2004 | $16.1(15.5-16.7)$ | $16.9(16.3-17.5)$ |
| 2005 | $16.5(15.96-17.13)$ | $16.1(15.5-16.7)$ |
| 2006 | $16.0(15.30-16.80)$ | $16.6(15.99-17.14)$ |
| 2007 | $16.5(15.79-17.19)$ | $16.1(15.37-16.87)$ |
| 2008 | $18.1(17.38-18.91)$ | $16.5(15.83-17.20)$ |
| 2009 | $18.8(18.14-19.56)$ | $18.2(17.49-19.00)$ |
| 2010 | $20.4(19.69-21.06)$ | $19.0(18.32-19.75)$ |
| 2011 | $20.5(19.79-21.31)$ | $20.6(19.90-21.25)$ |
| 2012 | $20.2(19.45-20.99)$ | $20.8(20.05-21.56)$ |
| 2013 | $20.4(19.65-21.10)$ | $20.6(19.79-21.31)$ |
| 2014 | $20.8(20.01-21.60)$ | $20.7(19.99-21.45)$ |
| 2015 | $20.9(20.20-21.66)$ | $21.2(20.43-22.06)$ |
| 2016 | $21.7(21.00-22.47)$ | $21.4(20.69-22.17)$ |

${ }^{1}$ Crude estimates are presented.
${ }^{2}$ Estimates for this Healthy People 2020 Leading Health Indicator are age-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Beginning with 2012 data, the National Health Interview Survey transitioned to weights derived from the 2010 census. For 2003-2011 data, weights were derived from the 2000 census. In this Early Release, estimates for 2000-2002 were recalculated using weights derived from the 2000 census. For 1997-1999 data, weights were derived from the 1990 census. See Technical Notes for more details.

DATA SOURCE: NCHS, National Health Interview Survey, 1997-2016, Sample Adult Core component.

Data table for Figure 7.5. Percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for both aerobic and muscle-strengthening activities through leisure-time aerobic and muscle-strengthening activities, by age group and sex: United States, 2016

| Age (years) and sex | Percent | 95\% confidence interval |
| :--- | :---: | :---: |
| $18-24$, total | 29.0 | $26.98-31.10$ |
| $18-24$, male | 37.3 | $33.76-40.75$ |
| $18-24$, female | 20.7 | $17.86-23.51$ |
| $25-64$, total | 23.1 | $22.21-23.92$ |
| $25-64$, male | 26.3 | $24.96-27.56$ |
| $25-64$, female | 20.0 | $19.05-20.99$ |
| $65-74$, total | 15.3 | $13.95-16.59$ |
| $65-74$, male | 18.8 | $16.29-21.31$ |
| $65-74$, female | 12.2 | $10.94-13.46$ |
| 75 and over, total | 8.7 | $7.58-9.80$ |
| 75 and over, male | 11.1 | $9.18-12.95$ |
| 75 and over, female | 7.0 | $5.79-8.14$ |
| 18 and over (crude ${ }^{1}$ ), total | 21.7 | $21.00-22.47$ |
| 18 and over (crude ${ }^{1}$ ), male | 25.8 | $24.71-26.80$ |
| 18 and over (crude ${ }^{1}$ ), female | 18.0 | $17.18-18.82$ |
| 18 and over (age-adjusted ${ }^{2}$ ), total | 22.3 | $21.56-23.06$ |
| 18 and over (age-adjusted ${ }^{2}$ ), male | 26.2 | $25.09-27.28$ |
| 18 and over (age-adjusted ${ }^{2}$ ), female | 18.6 | $17.79-19.42$ |

${ }^{1}$ Crude estimates are presented.
${ }^{2}$ Estimates for this Healthy People 2020 Leading Health Indicator are age-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.
DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.

Data table for Figure 7.6. Adjusted percentage of adults aged 18 and over who met 2008 federal physical activity guidelines for both aerobic and musclestrengthening activities through leisure-time aerobic and muscle-strengthening activities, by race and ethnicity: United States, 2016

| Race and ethnicity | Age-sex-adjusted ${ }^{1}$ percent <br> (95\% confidence interval) | Age-adjusted ${ }^{2}$ percent <br> (95\% confidence interval) |
| :--- | :---: | :---: |
| Hispanic or Latino | $16.9(15.31-18.47)$ | $16.9(15.39-18.49)$ |
| Not Hispanic or Latino, single race, white | $24.6(23.71-25.51)$ | $24.7(23.77-25.55)$ |
| Not Hispanic or Latino, single race, black | $21.2(18.96-23.44)$ | $20.6(18.49-22.77)$ |

${ }^{1}$ Estimates are age-sex-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.
${ }^{2}$ Estimates for this Healthy People 2020 Leading Health Indicator are age-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.
DATA SOURCE: NCHS, National Health Interview Survey, 2016, Sample Adult Core component.


[^0]:    ${ }^{1}$ Crude estimates are presented.
    ${ }^{2}$ Estimates for this Healthy People 2020 Leading Health Indicator are age-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.

    NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Beginning with 2012 data, the National Health Interview Survey transitioned to weights derived from the 2010 census. For 2003-2011 data, weights were derived from the 2000 census. In this Early Release, estimates for 2000-2002 were recalculated using weights derived from the 2000 census. For 1997-1999 data, weights were derived from the 1990 census. See Technical Notes for more details.

[^1]:    ${ }^{1}$ Estimates are age-sex-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.
    ${ }^{2}$ Estimates for this Healthy People 2020 Leading Health Indicator are age-adjusted using the projected 2000 U.S. population as the standard population and five age groups: 18-24, 25-34, 35-44, 45-64, and 65 and over.

