## Figure 6.1. Prevalence of obesity among adults aged 20 years and over: United States, 1997-2003



NOTES: Obesity is defined as a Body Mass Index (BMI) of $30 \mathrm{~kg} / \mathrm{m}^{2}$ or more. The measure is based on self-reported height and weight. The analyses excluded people with unknown height or weight (about 4\% of respondents each year). CI is confidence interval. Beginning with the 2003 data, the National Health Interview Survey transitioned to weights derived from the 2000 census. In this Early Release, estimates for 2000-02 were recalculated using weights derived from the 2000 census. See "About This Release" and appendix tables in this release for more details.

DATA SOURCE: Sample Adult Core component of the 1997-2003 National Health Interview Surveys. The estimate for 2003 was based on data collected from January through June.

From January through June 2003, 23.8\% (95\% CI = 22.9\%-24.7\%) of U.S. adults aged 20 years and over were obese, which is similar to the 2002 estimate of $23.9 \%$.

The annual prevalence of obesity among U.S. adults aged 20 years and over has increased over time from 19.4\% in 1997 to $20.6 \%$ in 1998, 21.5\% in 1999, $21.8 \%$ in 2000, $23.0 \%$ in 2001, and 23.9\% in 2002.

Figure 6.2. Prevalence of obesity among adults aged 20 years and over, by age group and sex: United States, January-June 2003


NOTES: Obesity is defined as a body mass index (BMI) of $30 \mathrm{~kg} / \mathrm{m}^{2}$ or more. The measure is based on self-reported height and weight. The analyses excluded 829 people ( $5.8 \%$ ) with unknown height or weight.

DATA SOURCE: Based on data collected from January-June in the Sample Adult Core component of the 2003 National Health Interview Survey.

For both sexes combined, the prevalence of obesity was highest among adults aged 40-59 years ( $28.0 \%$ ) and lowest among adults aged 20-39 years (20.4\%). This pattern in obesity by age group was seen in both men and women.

There was no significant difference in the prevalence of obesity between women and men for all three age groups.

Figure 6.3. Age-adjusted prevalence of obesity among adults aged 20 years and over, by sex and race/ethnicity: United States, January-June 2003


NOTES: Obesity is defined as a body mass index (BMI) of $30 \mathrm{~kg} / \mathrm{m}^{2}$ or more. The measure is based on self-reported height and weight. The analyses excluded 829 people ( $5.8 \%$ ) with unknown height or weight. Estimates are ageadjusted to the year 2000 projected U.S. standard population using three age groups: 20-39 years, 40-59 years, and 60 years and over.

DATA SOURCE: Based on data collected from January through June in the Sample Adult Core component of the 2003 National Health Interview Survey.

For both sex groups, non-Hispanic black persons were more likely than Hispanic and non-Hispanic white persons to be obese.

- Among the six sex-specific race/ethnic groups, the age-adjusted prevalence of obesity was highest among non-Hispanic black women (38.7\%) and lowest among nonHispanic white women (21.1\%).


## Data tables for figures 6.1-6.3:

Data for figure 6.1. Prevalence of obesity among adults aged 20 years and over: United States, 1997-2003

|  | Percent (95\% Confidence Interval) |  |
| :--- | :---: | :---: |
| Year | Crude $^{\mathbf{1}}$ | Age-adjusted $^{\mathbf{2}}$ |
| $\mathbf{1 9 9 7}$ | $19.4(18.9-19.9)$ | $19.5(18.9-20.0)$ |
| $\mathbf{1 9 9 8}$ | $20.6(20.1-21.1)$ | $20.6(20.0-21.1)$ |
| $\mathbf{1 9 9 9}$ | $21.5(20.9-22.1)$ | $21.5(20.9-22.1)$ |
| $\mathbf{2 0 0 0}$ | $21.8(21.2-22.4)$ | $21.8(21.2-22.3)$ |
| $\mathbf{2 0 0 1}$ | $23.0(22.4-23.6)$ | $22.9(22.3-23.5)$ |
| $\mathbf{2 0 0 2}$ | $23.9(23.3-24.6)$ | $23.8(23.2-24.5)$ |
| $\mathbf{2 0 0 3}$ (January-June) | $23.8(22.9-24.7)$ | $23.6(22.7-24.6)$ |

${ }^{1}$ Crude estimates are presented in the graph.
${ }^{2}$ Estimates for this Healthy People 2010 leading health indicator are age-adjusted to the year 2000 projected U.S. standard population using seven age groups: 20-29 years, 30-39 years, 40-49 years, 50-59 years, 60-69 years, 70-79 years, and 80 years and over.

Data table for figure 6.2. Prevalence of obesity among adults aged 20 years and over, by age group and sex: United States, January-June 2003

| Age and sex | Percent | $\mathbf{9 5 \%}$ confidence interval |
| :--- | :---: | :---: |
| Total $\mathbf{2 0 - 3 9}$ years |  |  |
| Men | 20.4 | $19.0-21.8$ |
| Women | 21.5 | $19.5-23.5$ |
| To-59 years | 19.3 | $17.6-21.0$ |
| Total | 28.0 | $26.5-29.6$ |
| Men | 28.2 | $25.9-30.5$ |
| Women $\mathbf{6 0}$ years and over | 27.9 | $25.9-29.8$ |
| Total |  |  |
| Men | 22.4 | $20.8-24.1$ |
| Women | 20.8 | $18.5-23.0$ |

Data table for figure 6.3. Age-adjusted prevalence of obesity among adults aged 20 years and over, by sex and race/ethnicity: United States, January-June 2003

| Sex and race/ethnicity | Percent ${ }^{1}$ | 95\% confidence interval |
| :---: | :---: | :---: |
| Men |  |  |
| Hispanic or Latino | 22.2 | 19.3-25.2 |
| Not Hispanic or Latino |  |  |
| White, single race | 23.1 | 21.6-24.6 |
| Black, single race | 28.9 | 24.7-33.1 |
| Women |  |  |
| Hispanic or Latino | 25.7 | 22.8-28.7 |
| Not Hispanic or Latino |  |  |
| White, single race | 21.1 | 19.7-22.5 |
| Black, single race | 38.7 | 34.9-42.5 |

${ }^{1}$ Estimates for this Healthy People 2010 leading health indicator are age-adjusted to the year 2000 projected
U.S. standard population using three age groups: 20-39 years, 40-59 years, and 60 years and over.

