

1998-2010 California Teen Eating, Exercise, and Nutrition Survey

Trend Table 45: Prevalence of Overweight and Obesity Among California Adolescents Based on Body Mass Index

About how much do you weigh without shoes?

About how tall are you without shoes?

| | Overweight and Obese ¹ , Percent of Adolescents | | | | | | | Trend Analysis | | | | | | |
|---|--|-------|-------|-------|-------|-------|-------|----------------|-------|-------|--------|--------|-------|-------|
| | 1998 | 2000 | 2002 | 2004 | 2006 | 2008 | 2010 | 98-00 | 00-02 | 02-04 | 04-06 | 06-08 | 08-10 | 98-10 |
| Total | 21.3% | 24.3% | 23.5% | 28.6% | 26.7% | 21.8% | 28.7% | 3.0% | -0.8% | 5.2% | -1.9% | -4.9% | 6.9% | 7.4% |
| Gender | | | | | | | | | | | | | | |
| Male | 25.0% | 26.5% | 27.5% | 32.2% | 29.1% | 22.9% | 33.4% | 1.5% | 0.9% | 4.8% | -3.1% | -6.1% | 10.5% | 8.4% |
| Female | 17.3% | 21.8% | 19.2% | 24.8% | 24.2% | 20.6% | 23.5% | 4.5% | -2.6% | 5.6% | -0.6% | -3.6% | 2.9% | 6.2% |
| Ethnicity | | | | | | | | | | | | | | |
| White | 15.2% | 16.9% | 19.8% | 17.6% | 20.7% | 12.0% | 24.6% | 1.7% | 2.9% | -2.1% | 3.1% | -8.7% | 12.6% | 9.4% |
| African American | 38.7% | 29.2% | 29.4% | 33.6% | 35.1% | 39.9% | 39.7% | -9.5% | 0.2% | 4.2% | 1.5% | 4.8% | -0.2% | 1.0% |
| Latino | 25.9% | 34.4% | 30.7% | 37.1% | 33.9% | 29.5% | 35.6% | 8.5% | -3.7% | 6.4% | -3.2% | -4.5% | 6.1% | 9.7% |
| Asian/ Other | 19.7% | 21.4% | 13.2% | 33.8% | 19.8% | 18.0% | 14.6% | 1.8% | -8.2% | 20.6% | -14.0% | -1.8% | -3.4% | -5.1% |
| CalFresh Status, % FPL² | | | | | | | | | | | | | | |
| Participant, | | | | | 27.3% | 39.6% | 40.7% | | | | | 12.3% | | |
| Likely Eligible, ≤130 | | | | | 29.9% | 26.4% | 36.1% | | | | | -3.5% | | |
| Not Eligible, >185 | | | | | 25.3% | 13.5% | 20.2% | | | | | -11.8% | | |
| Smoking Status | | | | | | | | | | | | | | |
| Non-Smoker | 21.7% | 24.4% | 23.0% | 28.7% | 26.1% | 21.1% | 28.0% | 2.7% | -1.4% | 5.8% | -2.7% | -5.0% | 6.9% | 6.2% |
| Smoker | 21.4% | 22.6% | 30.6% | 26.6% | 39.8% | 39.4% | 38.5% | 1.2% | 8.0% | -4.0% | 13.3% | -0.5% | -0.8% | 17.2% |
| Physical Activity | | | | | | | | | | | | | | |
| Regular | 21.1% | 24.7% | 23.4% | 27.5% | 27.1% | 22.6% | 27.0% | 3.6% | -1.3% | 4.2% | -0.4% | -4.5% | 4.4% | 5.9% |
| Irregular | 22.1% | 22.7% | 23.6% | 32.7% | 25.6% | 19.1% | 31.6% | 0.5% | 1.0% | 9.0% | -7.1% | -6.5% | 12.5% | 9.4% |

¹ Calculated using the CDC 2000 reference data by age and gender for BMI.

Overweight = BMI ≥ 85th < 95th percentile.

Obese = BMI ≥ 95th percentile.

² Survey respondents between 130-185% FPL omitted from data tables due to insufficient sample size.

* p<.05
 ** p<.01
 *** p<.001

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Trend Table 45a: Prevalence of Obesity Among California Adolescents Based on Body Mass Index

| | Obese ¹ , Percent of Adolescents | | | | | | | Trend Analysis | | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|-------|-------|--|
| | 1998 | 2000 | 2002 | 2004 | 2006 | 2008 | 2010 | 98-00 | 00-02 | 02-04 | 04-06 | 06-08 | 08-10 | 98-10 | |
| Total | 8.0% | 10.6% | 8.8% | 12.4% | 12.6% | 8.7% | 12.3% | 2.6% | -1.8% | 3.6% | 0.2% | -3.9% | 3.6% | 4.4% | |
| Gender | | | | | | | | | | | | | | | |
| Male | 8.7% | 12.2% | 12.0% | 17.0% | 16.0% | 11.4% | 13.4% | 3.5% | -0.2% | 5.0% | -1.0% | -4.6% | 2.0% | 4.7% | |
| Female | 7.2% | 8.9% | 5.4% | 7.5% | 9.1% | 5.9% | 11.1% | 1.7% | -3.5% | 2.1% | 1.6% | -3.2% | 5.2% | 3.9% | |
| Ethnicity | | | | | | | | | | | | | | | |
| White | 4.6% | 6.6% | 7.7% | 6.3% | 9.3% | 2.9% | 7.3% | 2.0% | 1.2% | -1.5% | 3.0% | -6.3% | 4.4% | 2.7% | |
| African American | 19.1% | 17.2% | 16.1% | 8.1% | 21.9% | 18.1% | 18.3% | -1.9% | -1.1% | -8.0% | 13.7% | -3.7% | 0.1% | -0.8% | |
| Latino | 10.5% | 15.1% | 9.4% | 19.5% | 16.4% | 14.4% | 18.9% | 4.6% | -5.6% | 10.1% | -3.2% | -2.0% | 4.6% | 8.5% | |
| Asian/ Other | 6.4% | 9.4% | 6.1% | 12.6% | 7.3% | 4.1% | 4.7% | 3.0% | -3.3% | 6.5% | -5.3% | -3.2% | 0.6% | -1.7% | |
| CalFresh Status, % FPL² | | | | | | | | | | | | | | | |
| Participant, | | | | | 12.9% | 18.1% | 19.1% | | | | | 5.2% | | | |
| Likely Eligible, ≤130 | | | | | 15.3% | 14.1% | 20.6% | | | | | -1.2% | | | |
| Not Eligible, >185 | | | | | 10.6% | 3.6% | 5.6% | | | | | -7.0% | | | |
| Smoking Status | | | | | | | | | | | | | | | |
| Non-Smoker | 9.1% | 10.5% | 8.8% | 12.6% | 12.2% | 8.5% | 11.7% | 1.4% | -1.7% | 3.7% | -0.4% | -3.7% | 3.2% | 2.6% | |
| Smoker | 3.9% | 11.5% | 7.8% | 8.8% | 20.7% | 13.4% | 20.5% | 7.6% | -3.7% | 1.0% | 11.9% | -7.3% | 7.0% | 16.6% | |
| Physical Activity | | | | | | | | | | | | | | | |
| Regular | 7.6% | 10.8% | 8.3% | 11.5% | 12.4% | 8.9% | 9.9% | 3.2% | -2.6% | 3.2% | 0.9% | -3.5% | 1.0% | 2.3% | |
| Irregular | 9.5% | 9.6% | 11.1% | 15.5% | 13.3% | 8.1% | 16.4% | 0.0% | 1.5% | 4.4% | -2.2% | -5.2% | 8.3% | 6.9% | |

¹ Calculated using the CDC 2000 reference data by age and gender for BMI.
Obese = BMI > 95th percentile.

² Survey respondents between 130-185% FPL omitted from data tables due to insufficient sample size.

* p<.05
** p<.01
*** p<.001