California Teen Birth Rates, 1991-2011

California Department of Public Health
Center for Family Health
Maternal, Child and Adolescent Health Division
Epidemiology, Assessment and Program
Development Branch

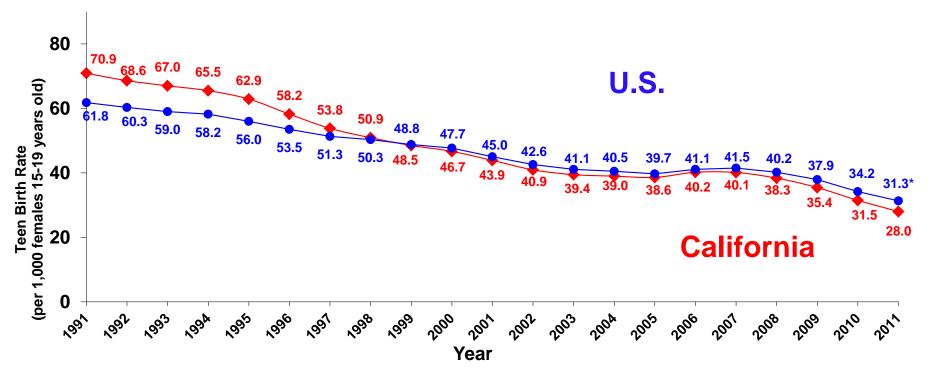






California and U.S. Teen Birth Rates, 1991-2011





California data sources: Teen births: Years 1991-2011, *Birth Statistical Master File*, California Department of Public Health, Health Information and Research Section. Teen population: Years 1991-1999, California Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 1990-1999.* Sacramento, CA, May 2004. Years 2000-2009, California Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000–2010.* Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, *Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060.* Sacramento, CA, January 2013. Rates for 2000–2009 have been revised using intercensal population estimates based on the 2000 and 2010 censuses to provide more accurate rates for the period. Rate for 2010 was revised based on the population projections for 2010-2060 to provide more accurate rate for the year. The revised rates differ and should not be compared to rates published previously, which were based on the California Department of Finance population projections as of July, 2007.

U.S. data sources: Years 1991-2010, Martin JA, Hamilton BE, Ventura SJ, Osterman MJK, Wilson EC, and Mathews TJ. Births: Final data for 2010. *National vital statistics reports; vol.* 61 no. 1. Hyattsville, MD: National Center for Health Statistics, 2012. *Preliminary data for 2011, Hamilton BE, Martin JA, Ventura SJ. Births: Preliminary data for 2011. *National vital statistics reports web release; vol.* 61 no 5. Hyattsville, MD: National Center for Health Statistics, 2012.

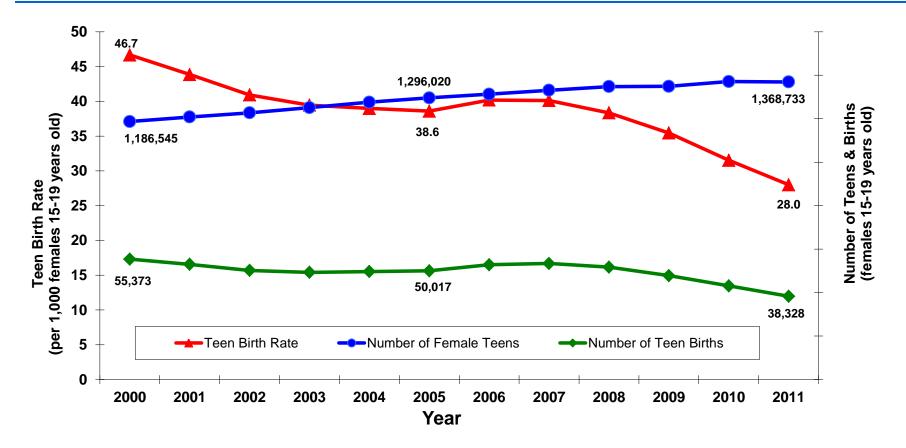
NOTE: The California teen birth rates presented here differ from the rates computed on the basis of other population estimates such as those published by the National Center for Health Statistics.

Prepared by: California Department of Public Health, Maternal, Child and Adolescent Health Division, Epidemiology, Assessment and Program Development Branch



California Teen Birth Rates, Number of Teens, & Number of Teen Births, 2000-2011



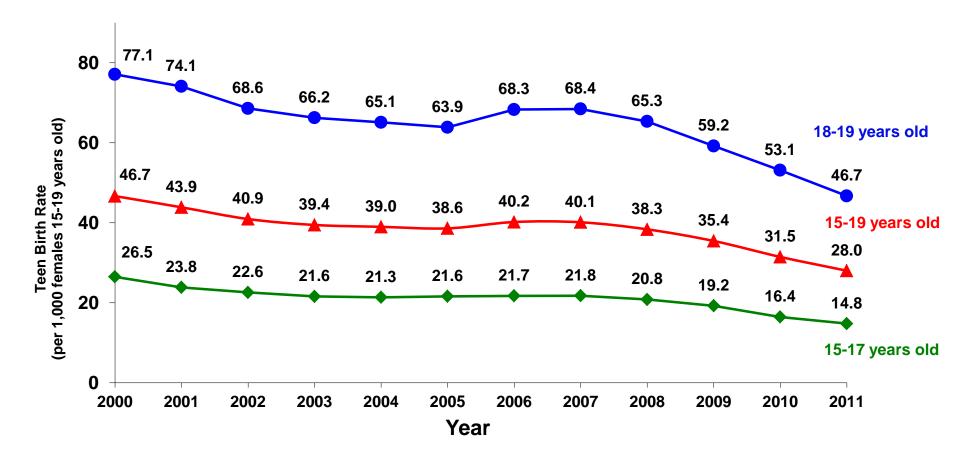


Data sources: Teen births: Years 2000-2011, *Birth Statistical Master File*, California Department of Public Health, Health Information and Research Section. Teen population: Years 2000-2009, California Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000–2010.* Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, *Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060.* Sacramento, CA, January 2013. Rates for 2000–2009 have been revised using intercensal population estimates based on the 2000 and 2010 censuses to provide more accurate rates for the period. Rate for 2010 was revised based on the population projections for 2010-2060 to provide more accurate rate for the year. The revised rates differ and should not be compared to rates published previously, which were based on the California Department of Finance population projections as of July, 2007.



California Teen Birth Rates by Age Group, 2000-2011





Data sources: Teen Births: Years 2000-2011, *Birth Statistical Master File*, California Department of Public Health, Health Information and Research Section. Teen population: Years 2000-2009, California Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000–2010.* Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, *Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060.* Sacramento, CA, January 2013. Rates for 2000–2009 have been revised using intercensal population estimates based on the 2000 and 2010 censuses to provide more accurate rates for the period. Rate for 2010 was revised based on the population projections for 2010-2060 to provide more accurate rate for the year. The revised rates differ and should not be compared to rates published previously, which were based on the California Department of Finance population projections as of July, 2007.





Estimated Number of Avoided Births and Savings

The decline in the California teen birth rate between 2010 and 2011 resulted in:

- 1,335 fewer births among teens 15-17 years old
- 3,639 fewer births among teens 18-19 years old

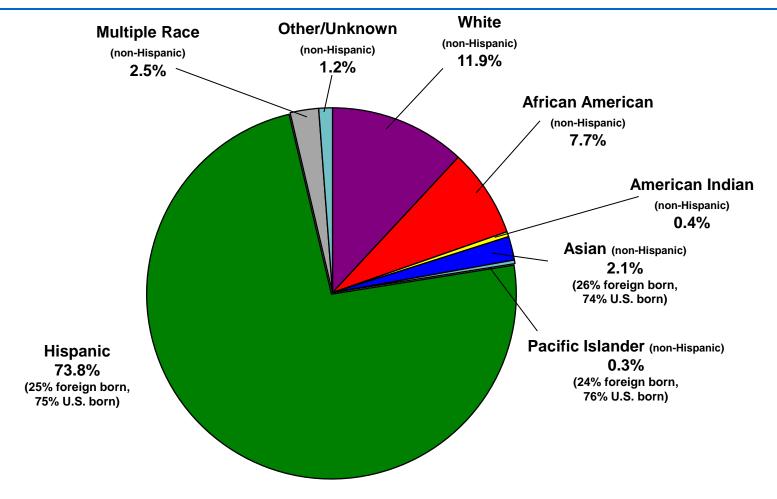
These **4,974** fewer teen births saved California taxpayers approximately **\$149 million**.

Source for costs: Based on the National Campaign fact sheet "Counting It Up: The Public Costs of Teen Childbearing in California in 2008" published in June 2011. http://www.thenationalcampaign.org/costs/pdf/counting-it-up/fact-sheet-california.pdf. This report outlines the increase in public costs associated with having a child before age 20 versus having a child at age 20 or 21. The state-level estimates include costs associated with participation in child welfare, criminal justice, and public health programs among the children born to teen mothers; participation of teen mothers in public assistance; and, lost revenue associated with reduced earnings and spending among teen mothers, their partners and their children. The 2008 taxpayer cost published for California was adjusted for inflation to reflect the 2011 dollar amount using the U.S. Bureau of Labor Statistics Consumer Price Index inflation calculator.



Percent of Teen Births* by Race/Ethnicity & Nativity, California, 2011





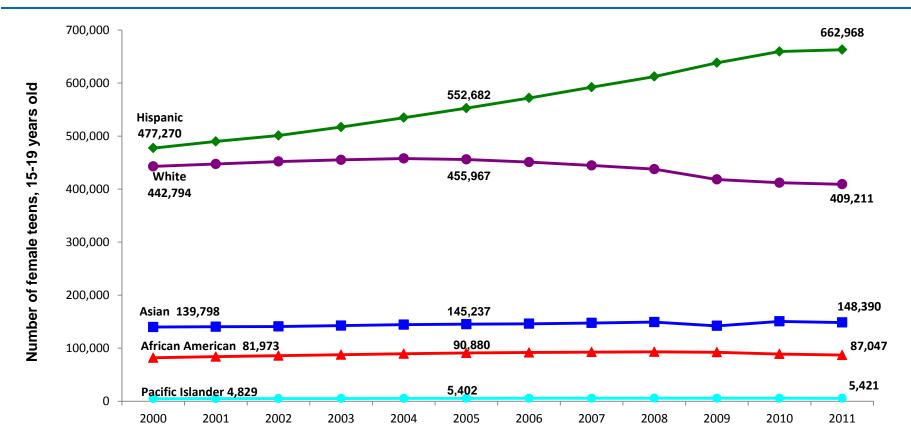
Data sources: Teen births: 2011, Birth Statistical Master File, California Department of Public Health, Health Information and Research Section.

^{*}There were 38,328 live births to females 15-19 years old in 2011. Percentages may not add to 100% due to rounding. Births to mothers with unknown nativity (0.07%) are included in the analysis.



Number of Female Teens by Race/Ethnicity, 15-19 Years, California, 2000-2011



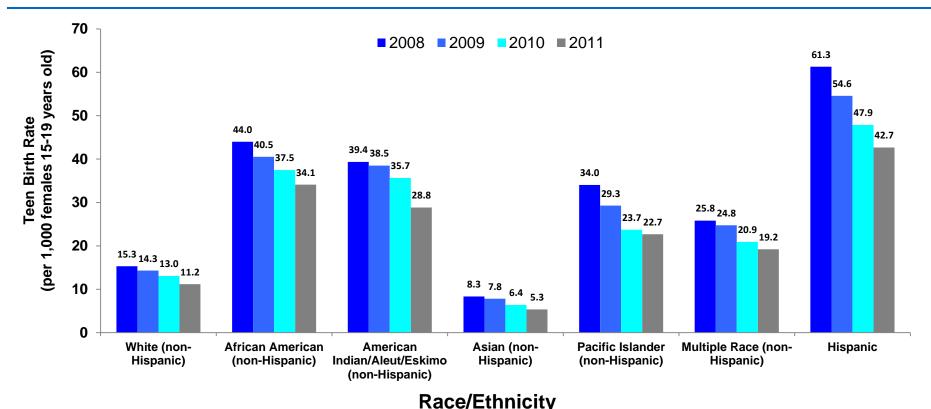


Data sources: Teen population: Years 2000-2009, California Department of Finance, Race/Hispanics Population with Age and Gender Detail, 2000–2010. Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, CA, January 2013. Rates for 2000–2009 have been revised using intercensal population estimates based on the 2000 and 2010 censuses to provide more accurate rates for the period. Rate for 2010 was revised based on the population projections for 2010-2060 to provide more accurate rates for the year. The revised rates differ and should not be compared to rates published previously, which were based on the California Department of Finance population projections as of July, 2007.



California Teen Birth Rates by Race/Ethnicity & Year, 2008-2011





Data sources: Teen Births: Years 2008-2011, *Birth Statistical Master File*, California Department of Public Health, Health Information and Research Section. Teen population: Years 2008-2009, California Department of Finance, *Race/Hispanics Population with Age and Gender Detail*, 2000–2010. Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, *Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060.* Sacramento, CA, January 2013. Rates for 2008–2009 have been revised using intercensal population estimates based on the 2000 and 2010 censuses to provide more accurate rates for the period. Rate for 2010 was revised based on the population projections for 2010-2060 to provide more accurate rates for the year. The revised rates differ and should not be compared to rates published previously, which were based on the California Department of Finance population projections as of July, 2007.

Births to mothers identified as "other" or "unknown" race are excluded from the analysis; they comprised 1.1% in 2008 and 1.2% each in 2009, 2010 and 2011.

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21 California Counties with 3-Year Aggregated Teen Birth Rates* Significantly HIGHER than the 3-Year Aggregated State Teen Birth Rate (31.6), 2009-2011**, Highest to Lowest



- Tulare (60.2)
- Kings (59.3)
- Del Norte (58.3)
- Kern (57.6)
- Imperial (57.5)
- Madera (54.6)
- Fresno (49.7)

- Monterey (48.9)
- Yuba (46.8)
- Merced (44.9)
- Glenn (43.1)
- Lake (42.1)
- Tehama (41.6)
- Colusa (40.6)

- San Bernardino (39.8)
- Stanislaus (38.5)
- San Joaquin (38.2)
- Siskiyou (38.1)
- Mendocino (38.0)
- Los Angeles (32.4)
- Riverside (32.3)

Data sources: Teen Births: Years 2009-2011, *Birth Statistical Master File*, California Department of Public Health, Health Information and Research Section. Teen population: Year 2009, California Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000–2010.* Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, *Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060.* Sacramento, CA, January 2013.

^{*}Teen birth rate is per 1,000 females 15-19 years old. **Three years (2009-2011) of teen births and female population were combined to provide more stable rates. County rates were tested for statistical significance against the state rate after subtracting the county's contribution to the rate. County rates not significantly different from the remaining state rate include Trinity, Modoc, Lassen, Inyo, Sutter, Santa Barbara, Shasta, Sacramento, Ventura, Plumas, San Benito and Mariposa. Stable rates could not be computed for Alpine and Sierra (fewer than 20 births).



23 California Counties with 3-Year Aggregated Teen Birth Rates* Significantly LOWER than the 3-Year Aggregated State Teen Birth Rate (31.6), 2009-2011**, Highest to Lowest



- San Diego (29.7)
- Solano (26.9)
- Santa Cruz (25.2)
- Humboldt (24.1)
- Butte (23.7)
- Orange (22.6)
- Napa (22.3)

- Calaveras (22.3)
- Alameda (21.9)
- Santa Clara (21.4)
- Sonoma (20.8)
- Mono (20.6)
- Contra Costa (19.7)
- Amador (19.0)
- Tuolumne (18.8)

- San Mateo (18.2)
- Yolo (16.8)
- San Luis Obispo (16.2)
- El Dorado (15.3)
- Nevada (14.2)
- San Francisco (13.7)
- Placer (12.7)
- Marin (12.3)

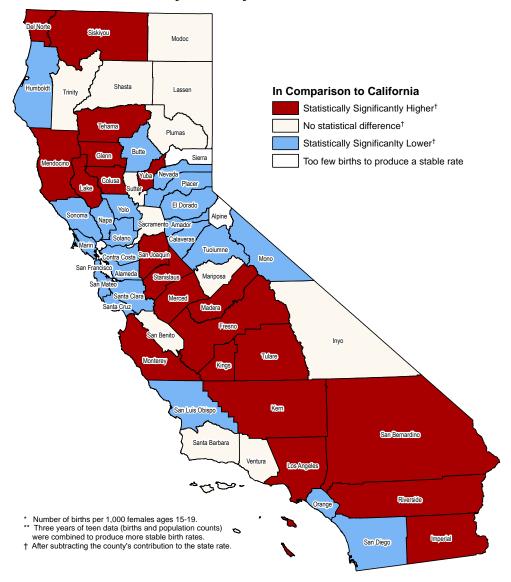
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California Teen Birth Rate* by County, 2009-2011**





Data sources: Teen Births: Years 2009-2011, Birth Statistical Master File, California Department of Public Health, Health Information and Research Section. Teen population: Years 2009, California Department of Finance, Race/Hispanics Population with Age and Gender Detail, 2000–2010. Sacramento, CA, September 2012. Years 2010-2011, California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, CA, January 2013.



Teen Birth Rate Comparisons for California, U.S., and Selected Countries – 2011



California's teen birth rate is lower than the U.S. in general, but higher than other developed countries such as Canada

California data sources: Teen births: Year 2011, Birth Statistical Master File, California Department of Public Health, Health Information and Research Section. Teen population: Year 2011, California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, CA, January 2013.

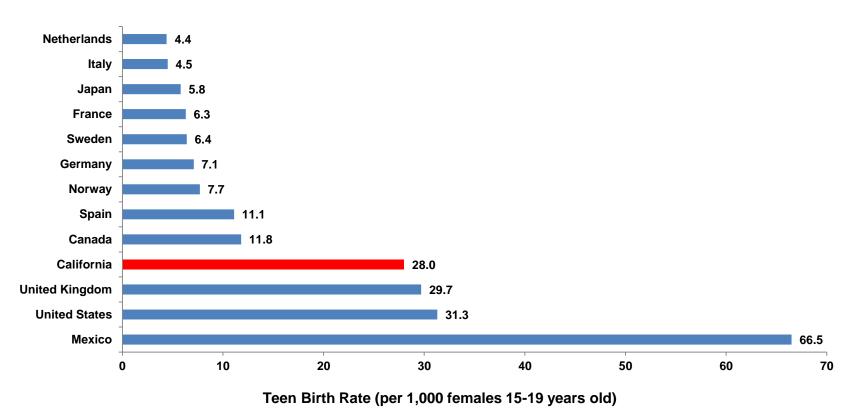
U.S. data sources: Hamilton BE, Martin JA, Ventura SJ. Births: Preliminary data for 2011. *National vital statistics reports web release; vol. 61 no 5.* Hyattsville, MD: National Center for Health Statistics, 2012.

International data source: The World Bank, World Development Indicators: Social Development. URL: http://data.worldbank.org/indicator/SP.ADO.TFRT/countries?display=default



Teen Birth Rate Comparisons for California, U.S., and Selected Countries – 2011





California data sources: Teen births: Year 2011, Birth Statistical Master File, California Department of Public Health, Health Information and Research Section. Teen population: Year 2011, California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060. Sacramento, CA, January 2013.

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NOTE: The California teen birth rate as presented here differ from the rate computed on the basis of other population estimates such as the rate published by the National Center for Health Statistics.

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