

# Adolescent Births in California 2000-2017

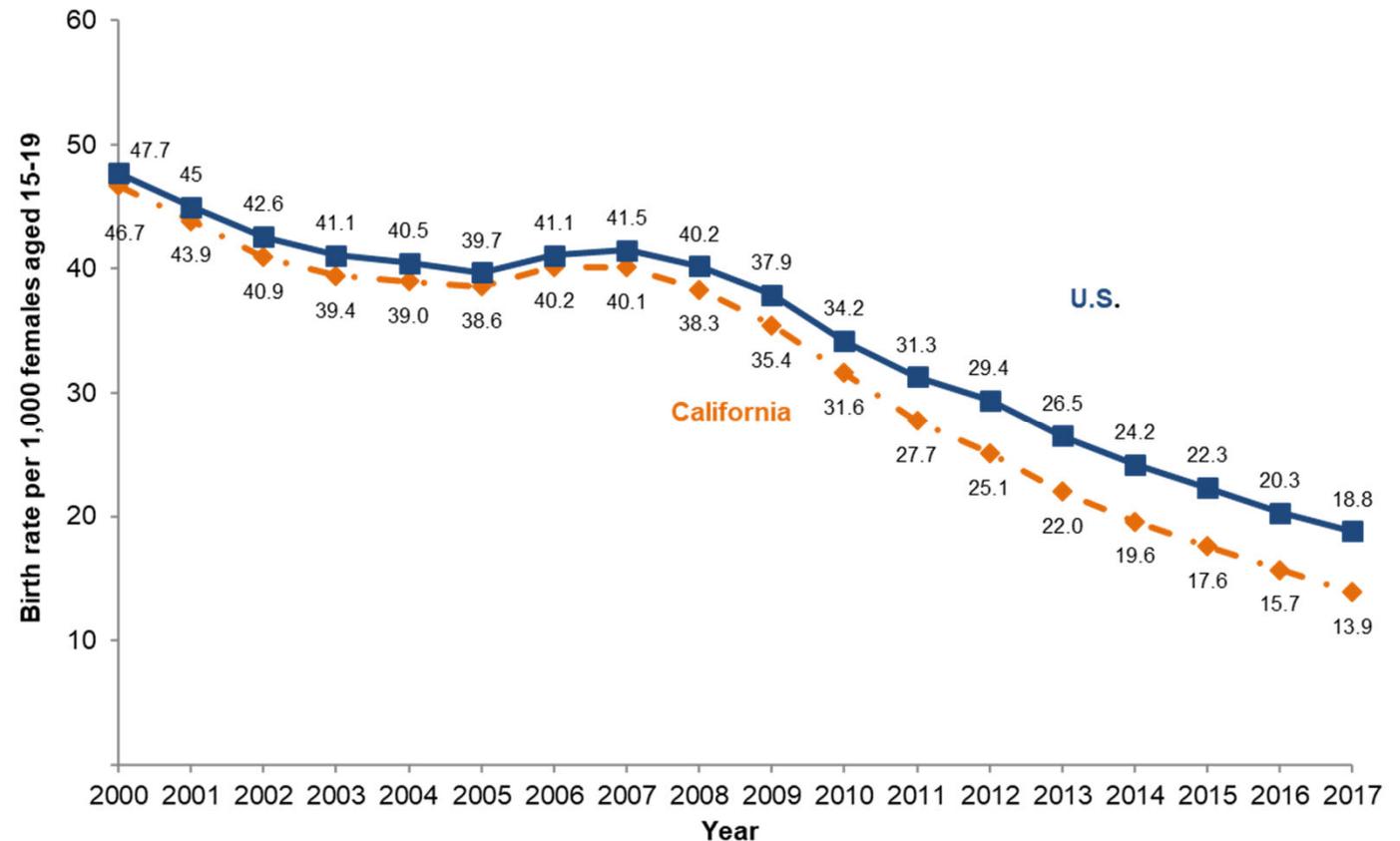


California Department of Public Health  
Center for Family Health  
Maternal, Child and Adolescent Health Division  
Epidemiology, Surveillance, and Federal Reporting Branch  
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## Birth Rates, Females Aged 15-19: California and U.S., 2000-2017

The adolescent birth rate in California declined 70.2% between 2000 and 2017. Between 2016 and 2017, the rate declined 11.5%.



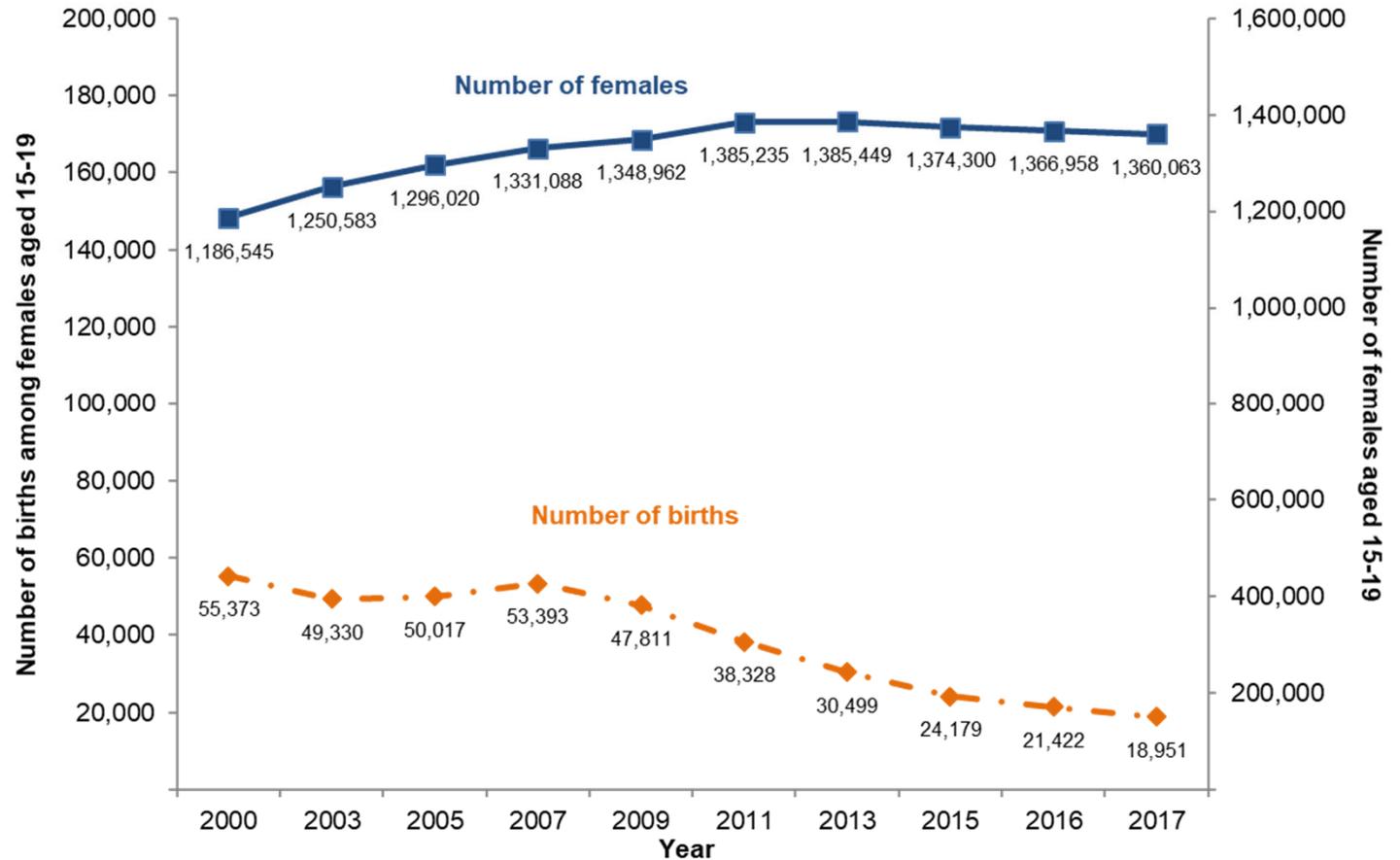
California data sources: Births: 2000-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, California, September 2012. Population: 2010-2017, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.

U.S. data source: 2000-2015, Martin JA, Hamilton BE, Osterman MJK, et al. Births: Final data for 2015. NVSR 66(1). 2016, Martin JA, Hamilton BE, Osterman MJK, et al. Births: Final data for 2016. NVSR 67(1). Hyattsville, MD: *National Center for Health Statistics*. 2017 and 2018. Note: The California birth rates presented here differ from rates computed on the basis of other population estimates such as those published by the National Center for Health Statistics.



# Number of Births and Number of Females Aged 15-19: California, 2000-2017

While the number of California females aged 15-19 increased by 15% between 2000 and 2017, the number of births in this population decreased by 66%.

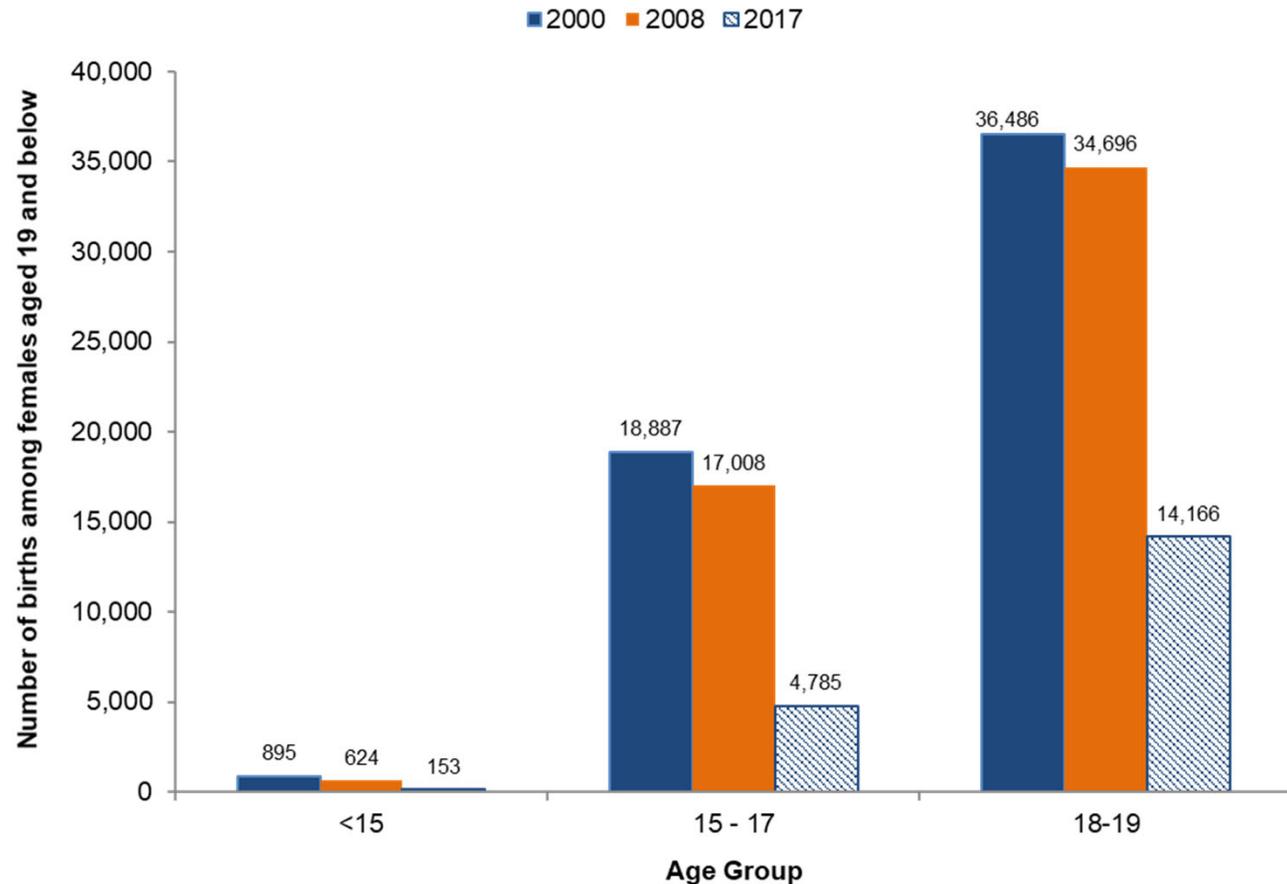


Data sources: Births: 2000-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, California, September 2012. Population: 2010-2016, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.



## Number of Births by Age Group, Females Aged 19 and Below: California, 2000, 2008, 2017

In 2017, over 4,500 children were born to California mothers aged 15 -17; an additional 153 were born to mothers under age 15.



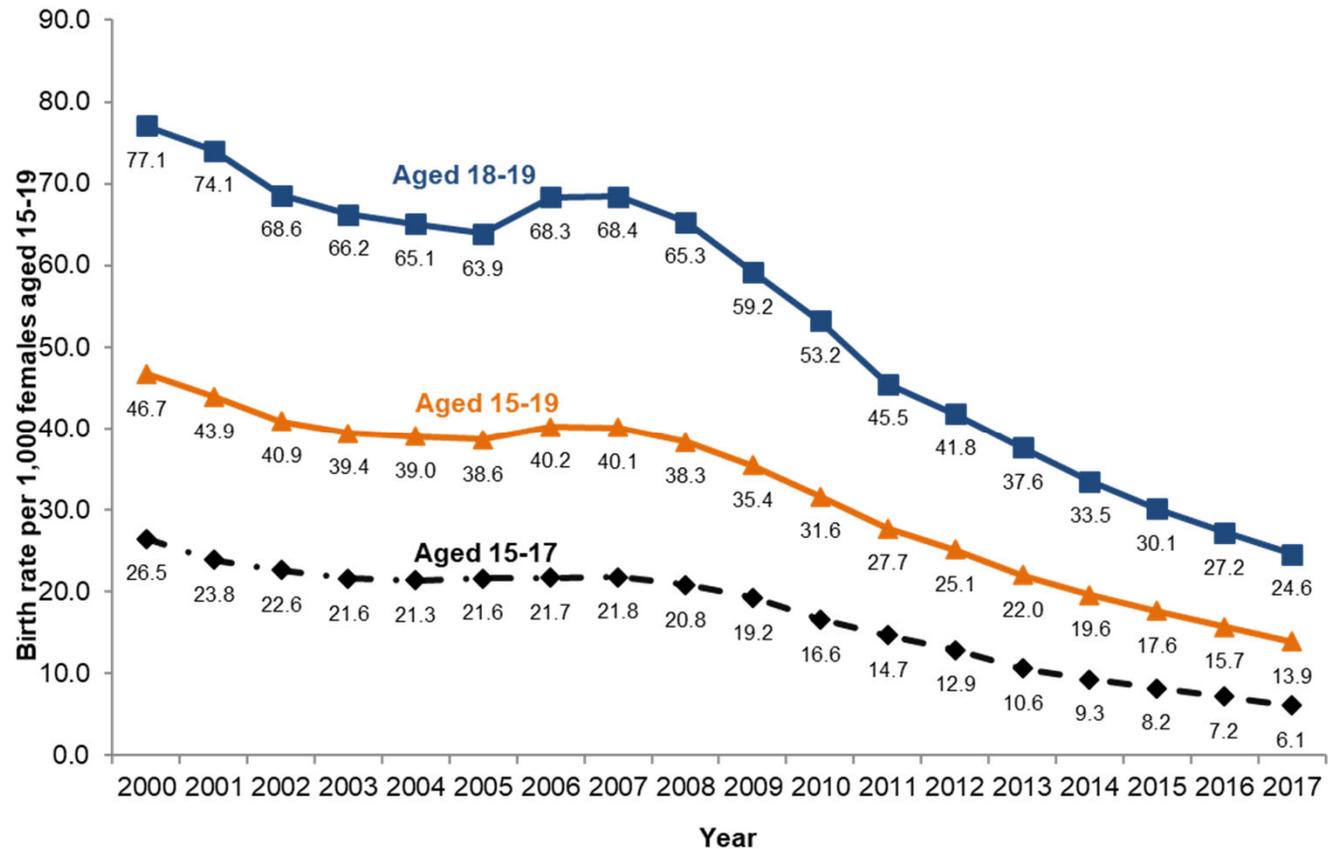
Data sources: 2000, 2008, and 2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics.



# Birth Rates by Age Group, Females Aged 15-19: California, 2000-2017

Between 2000 and 2017, the birth rate among females aged 18-19 declined by 68%.

Females aged 15-17 experienced a larger decline in birth rates, dropping 77% during the same time period.



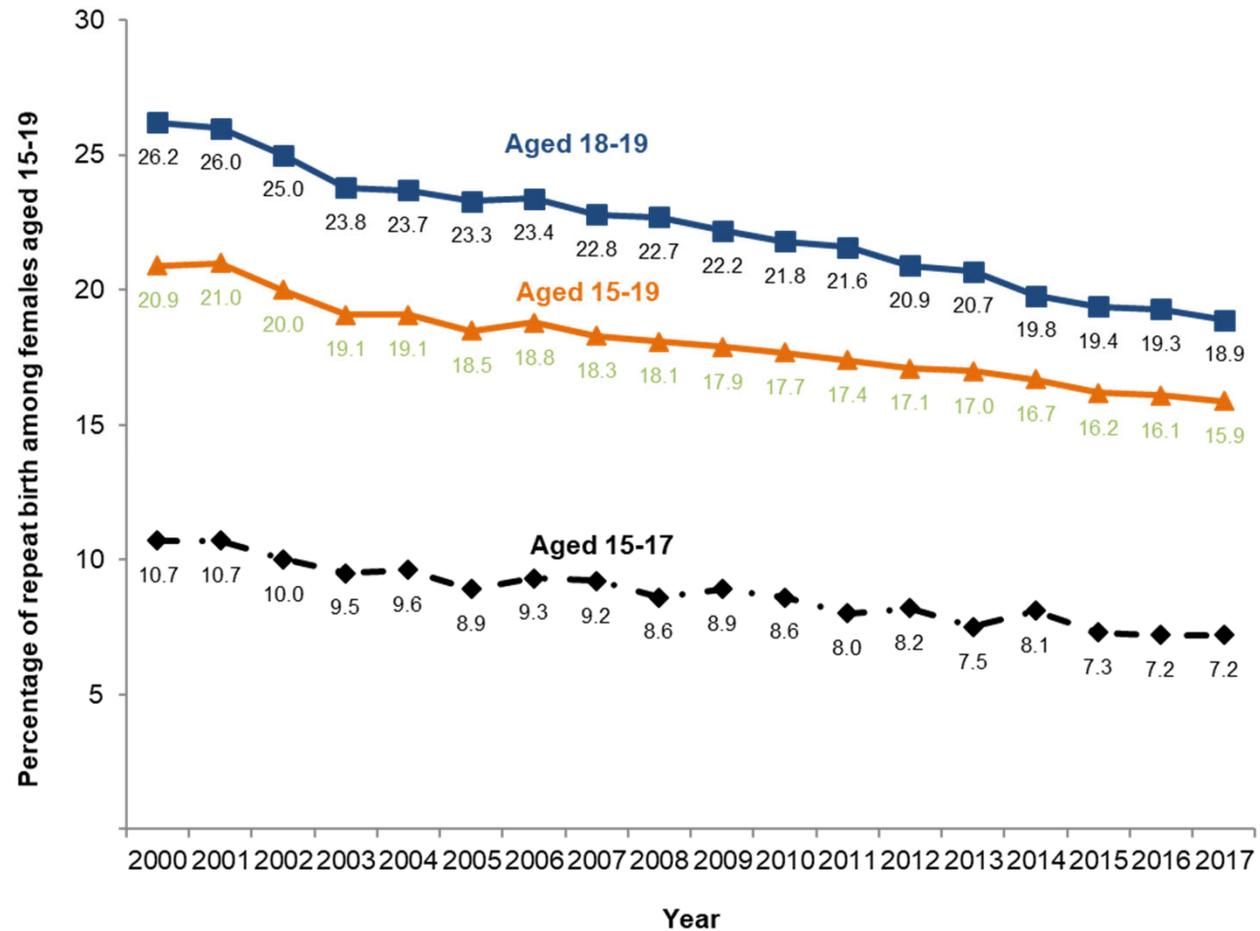
Data sources: Births: 2000-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, California, September 2012. Population: 2010-2016, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.



# Percentage of Repeat Births by Age Group, Females Aged 15-19: California, 2000-2017

Between 2000 and 2017, the percentage of repeat births among females aged 15-19 declined by 24%.

Females aged 15-17 experienced a larger decline in percentage of repeat births, dropping 33% during the same time period.

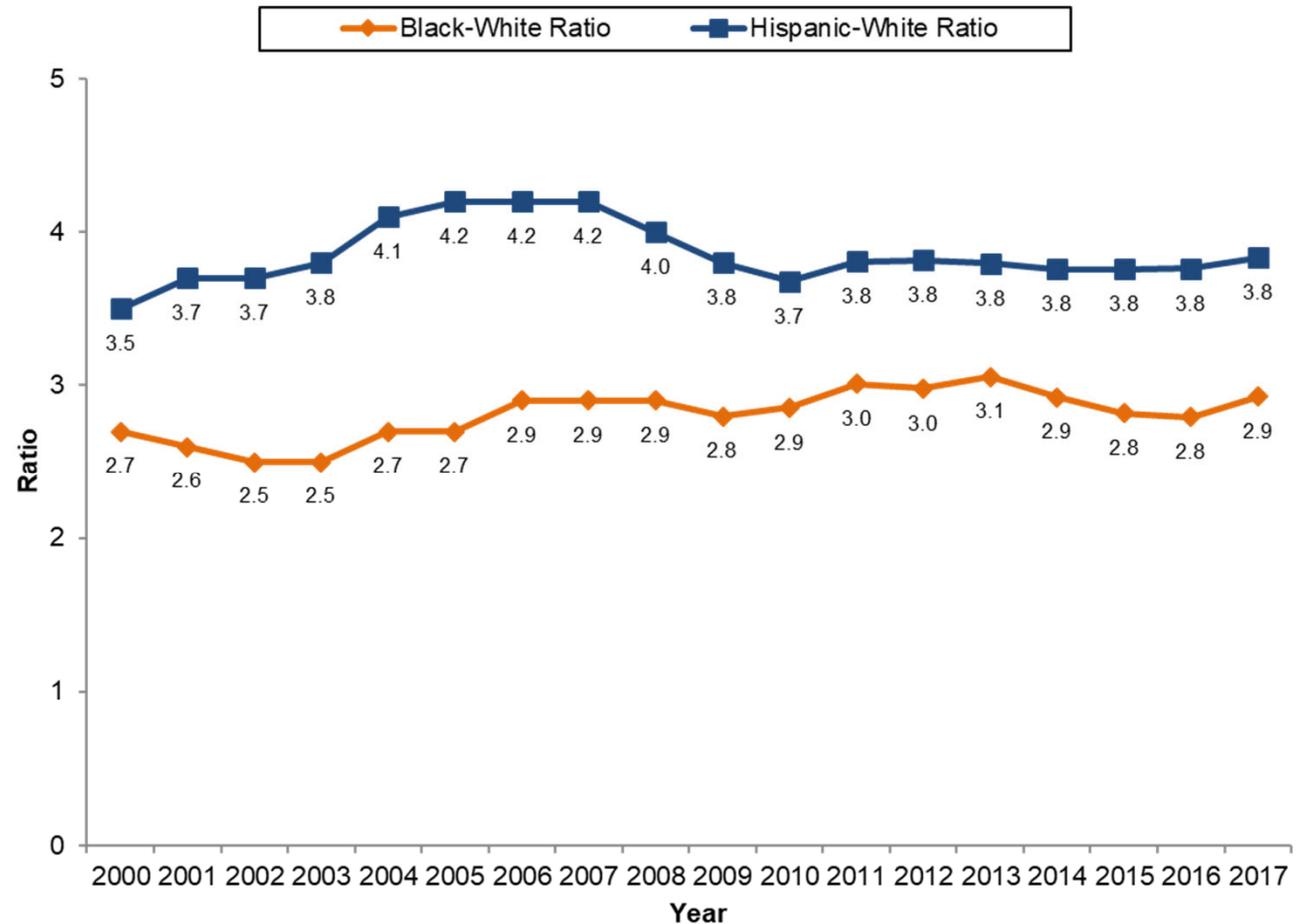


Data source: 2000-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics.  
 \*Repeat births are calculated as the percentage of all births to mothers with one or more previous live births; excludes births where birth order is unknown or the number of previous live births is greater than 6 (less than 1% of births excluded).



## Black-White and Hispanic-White Birth Rate Ratios, Females Aged 15-19: California, 2000-2017

In 2017, Black and Hispanic females aged 15-19 were 2.9 and 3.8 times as likely, respectively, to give birth as White females of the same age.



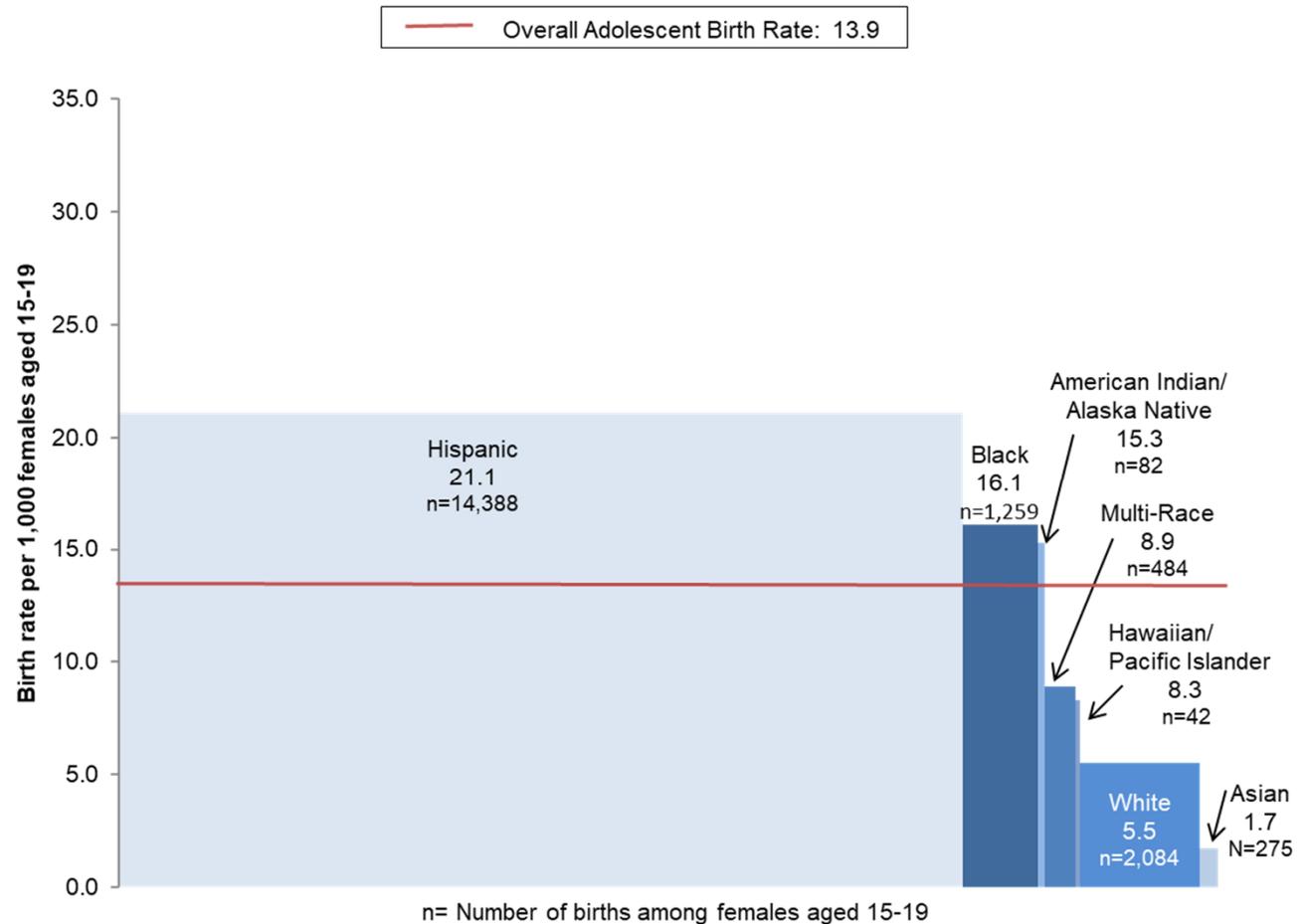
Data sources: Births: 2000-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, California, September 2012. Population: 2010-2017, California Department of Finance, Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.



# Birth Rates and Number of Total Births by Race and Hispanic Ethnicity, Females Aged 15-19: California, 2017

Despite declining birth rates, ethnic and racial disparities persist in adolescent childbearing.

Hispanic females account for 77% of adolescent births and have the highest adolescent birth rate at 21.1



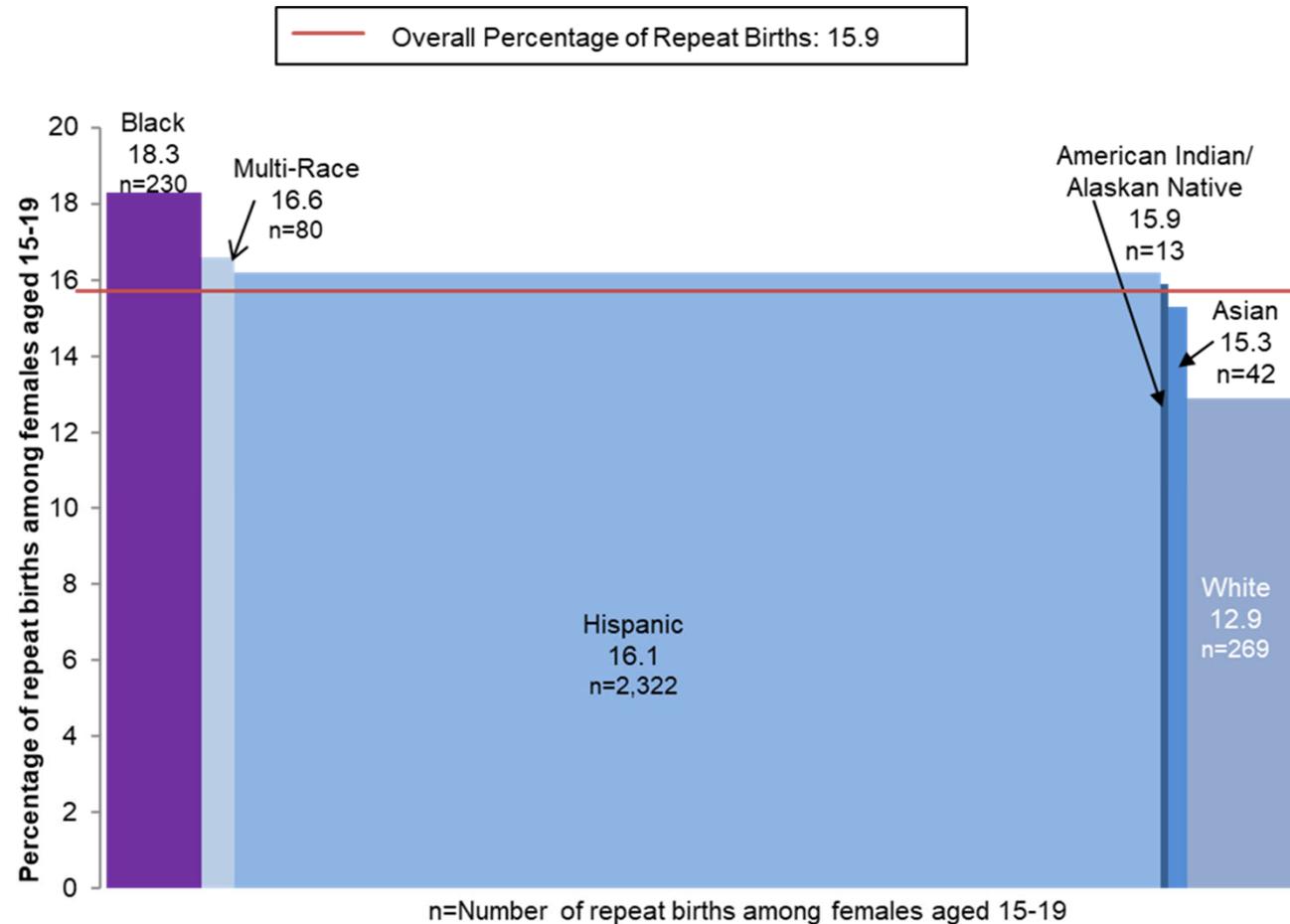
Data sources: Births: 2017 *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2017, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.



# Percentage of Repeat Births and Number of Repeat Births by Race and Hispanic Ethnicity, Females Aged 15-19: California, 2017

Among females aged 15-19, Black females had the highest (18.3%) and White females (12.9%) had the lowest percentage of repeat births in 2017.

Racial disparities in percentages of repeat adolescent births are smaller than racial disparities in overall adolescent birth rates.



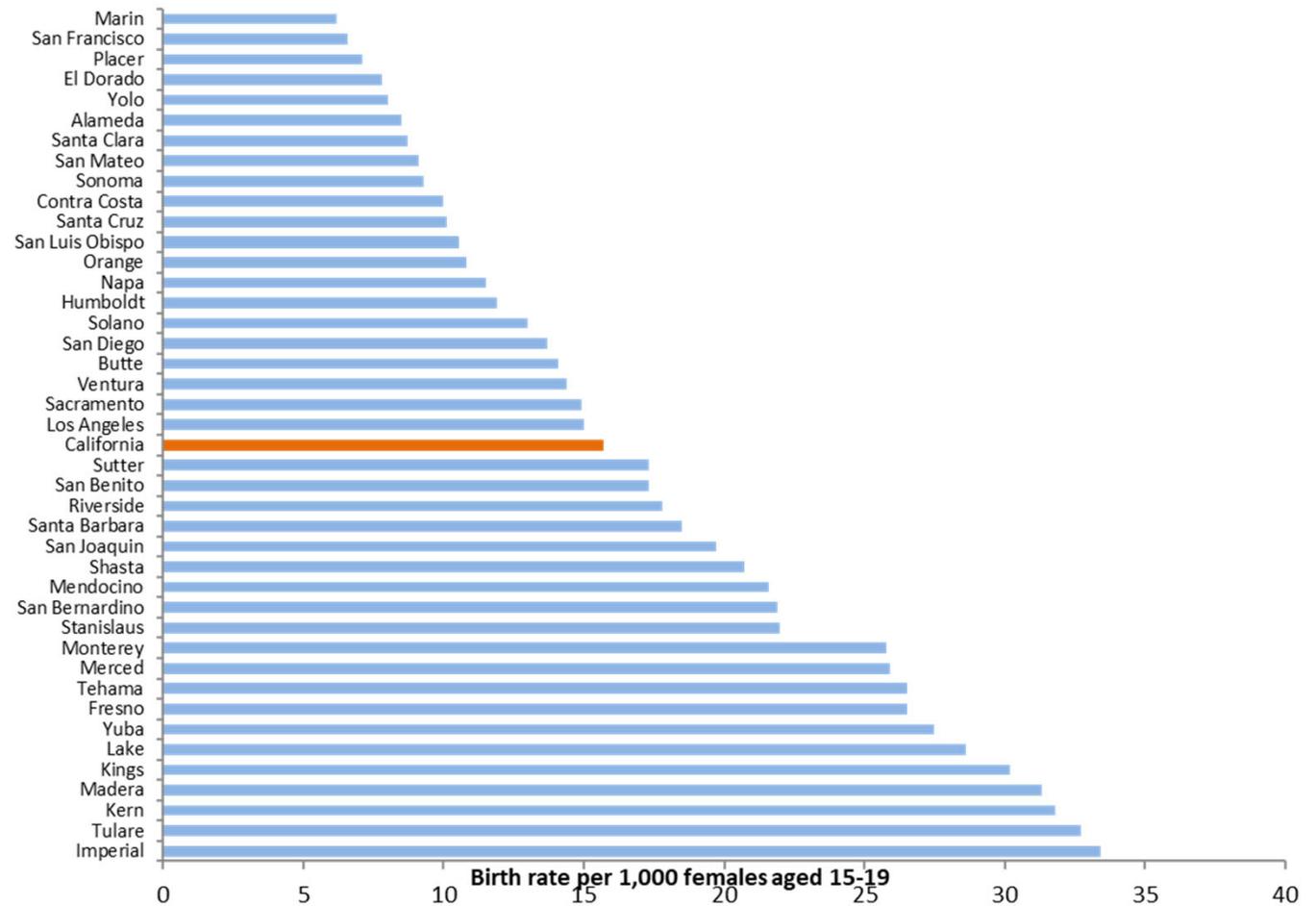
Data source: 2017 *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Repeat births are calculated as the percentage of all births to mothers with one or more previous live births; excludes births where birth order is unknown or the number of previous live births is greater than 6 (less than 1% of births excluded). Data for Pacific Islander/Native Hawaiian is suppressed as per Data De-Identification Guidelines.



## Birth Rate by County\*, Females Aged 15-19: California, Aggregated 2015-2017

Substantial geographic variation exists in adolescent childbearing across California counties.

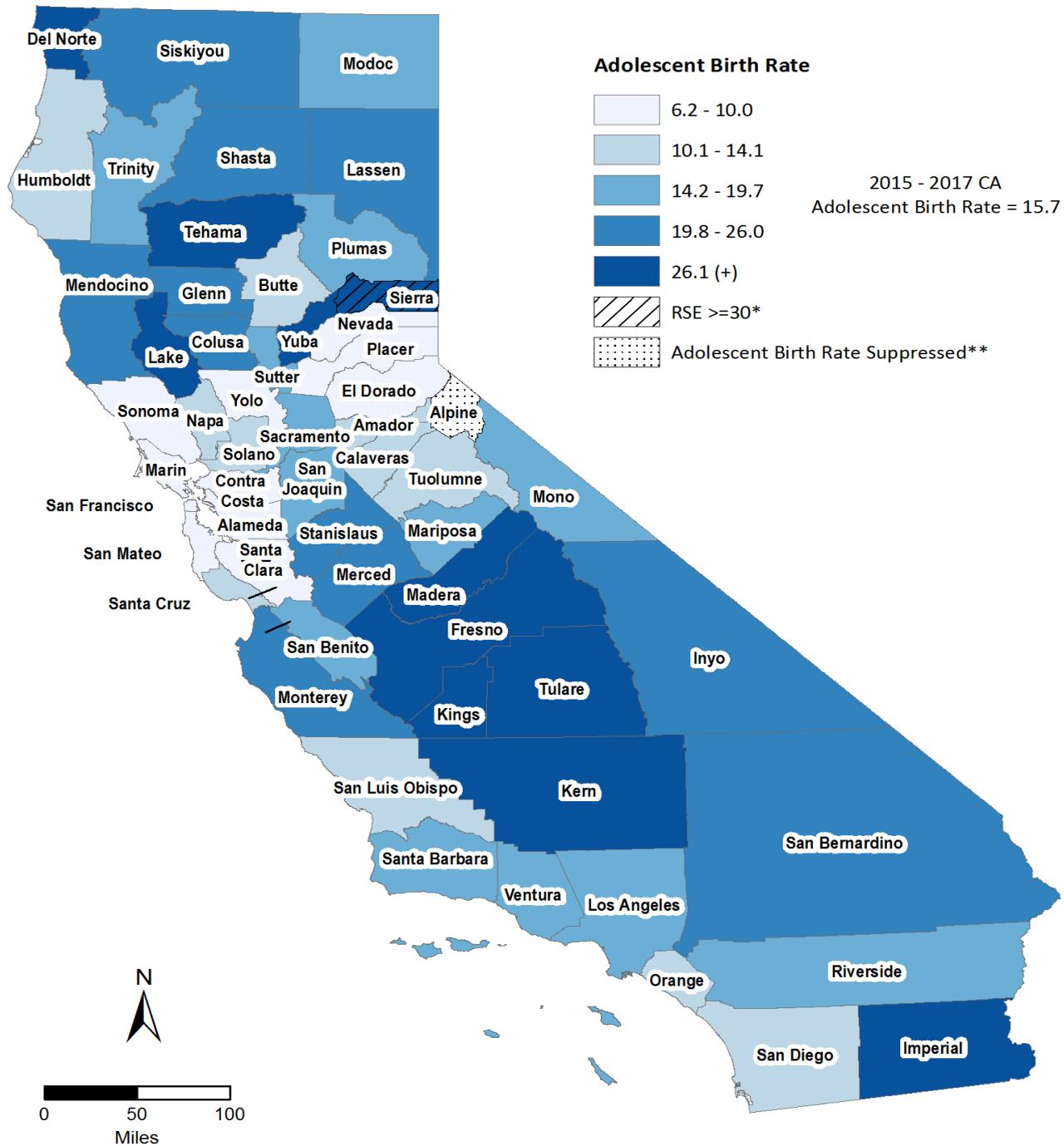
The county with the highest 3-year aggregated birth rate has a rate 5.4 times greater than the county with the lowest 3-year aggregated birth rate.



Data sources: Births: 2015-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2015-2017, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.

Notes: \* The Maternal, Child and Adolescent Health Division follows the Health and Human Services Agency's Data [De-Identification Guidelines](#) (DDG). The ABR data for seventeen counties (Alpine, Amador Calaveras, Colusa, Del Norte, Glenn, Inyo, Lassen, Mariposa, Modoc, Mono, Nevada, Plumas, Sierra, Siskiyou, Trinity and Tuolumne) are suppressed as per DDG.

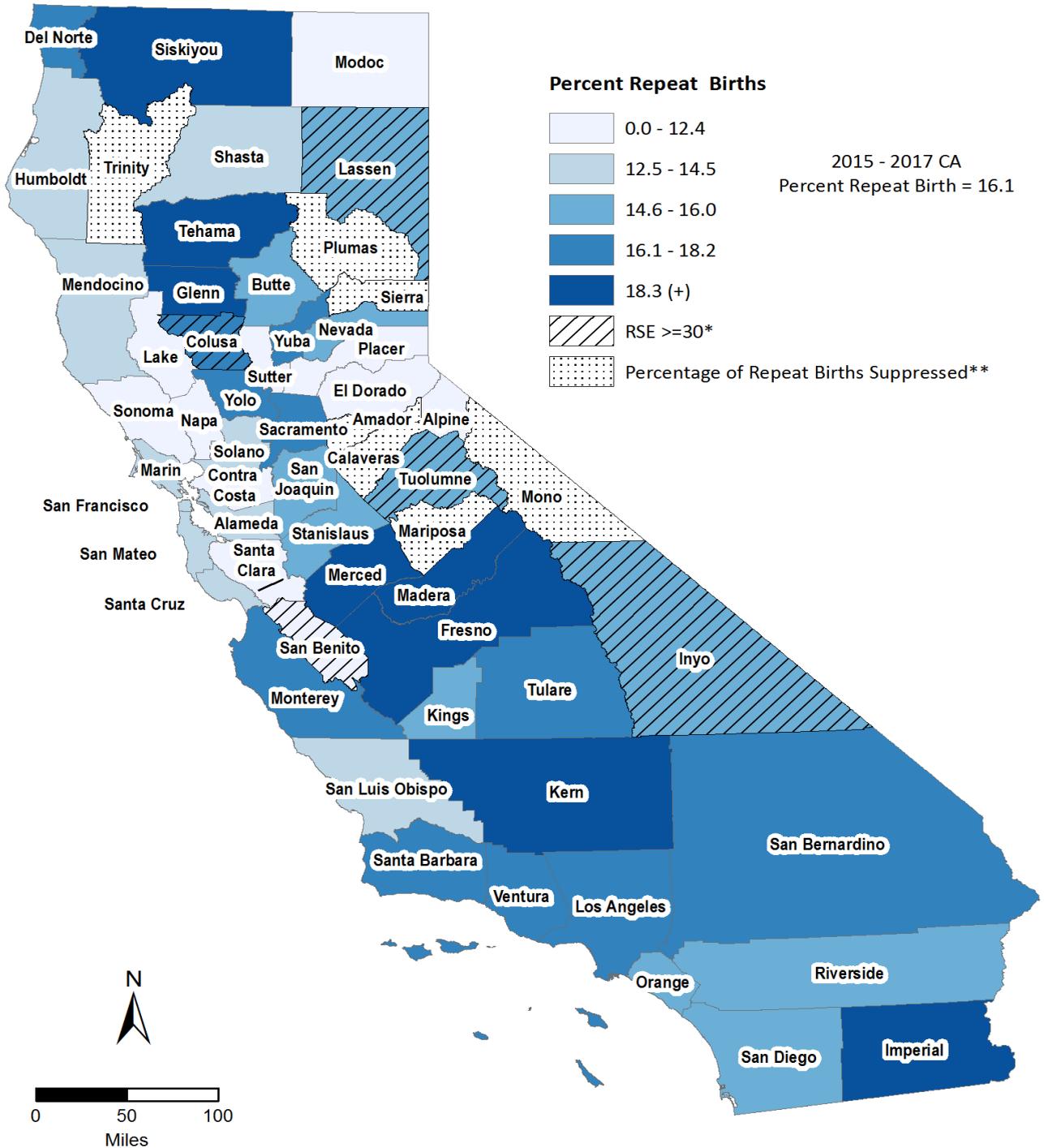
# Birth Rate<sup>1</sup> by County, Females Aged 15-19: California, Aggregated<sup>2</sup> 2015-2017



<sup>1</sup>Birth rates are live births per 1,000 females aged 15-19. <sup>2</sup>Three years of data (births and population counts) were combined to produce more stable birth rates. Data sources: Births: 2015-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2015-2017, California Department of Finance, Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018. \*Interpret with caution as relative standard error (RSE)  $\geq 30$ . \*\*RSE is greater than 50%.



# Percentage of Repeat Births<sup>1</sup> by County, Females Aged 15-19: California, Aggregated<sup>2</sup> 2015-2017



<sup>1</sup> Repeat births are calculated as the percentage of all births to mothers aged 15-19 with one or more previous live births; excludes births where birth order is unknown or the number of previous live births is greater than 6 (less than 1% of births excluded). <sup>2</sup> Three years of data were combined to produce more stable percentages of repeat births. Data source: Births: 2015-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. \*Interpret with caution as relative standard error (RSE) ≥ 30; \*\* Percentage of repeat births suppressed, RSE is greater than 50%.



# Birth Rate<sup>1</sup> and Percentage of Repeat Births<sup>2</sup> by County, Females Aged 15-19: California, Aggregated<sup>3</sup> 2015-2017

County	County to State Birth Rate Marker	Birth Rate	County to State Repeat Birth Marker	Percent Repeat Birth
California		15.7		16.1
Alameda	✓	8.5	✓	13.2
Alpine		**		0
Amador		**		**
Butte	✓	14.1		14.8
Calaveras		**		**
Colusa		**		**
Contra Costa	✓	10	✓	12.1
Del Norte		**		**
El Dorado	✓	7.8		10.2
Fresno	✗	26.5	✗	20
Glenn		**		**
Humboldt	✓	11.9		13.4
Imperial	✗	33.4	✗	21.1
Inyo		**		**
Kern	✗	31.8	✗	18.7
Kings	✗	30.2		15.5
Lake	✗	28.6		**
Lassen		**		**
Los Angeles	✓	15		16.1
Madera	✗	31.3		18.8
Marin	✓	6.2		12.8
Mariposa		**		**
Mendocino	✗	21.6		14.1
Merced	✗	25.9		18.4
Modoc		**	✓	0
Mono		**		**
Monterey	✗	25.8	✗	18.2
Napa	✓	11.5		12.3
Nevada		**		**
Orange	✓	10.8		16
Placer	✓	7.1	✓	9.1
Plumas		**		**
Riverside	✗	17.8		15.8
Sacramento	✓	14.9		16.3
San Benito		17.3		**
San Bernardino	✗	21.9	✗	17.1
San Diego	✓	13.7	✓	**
San Francisco	✓	6.6		14
San Joaquin	✗	19.7		15.6
San Luis Obispo	✓	10.5		13.8
San Mateo	✓	9.1	✓	12.7
Santa Barbara	✗	18.5		17.6
Santa Clara	✓	8.7	✓	11.2
Santa Cruz	✓	10.1		13.3
Shasta	✗	20.7		12.9
Sierra		**		**
Siskiyou		**		**
Solano	✓	13		14.5
Sonoma	✓	9.3	✓	12.2
Stanislaus	✗	22		16
Sutter		17.3		**
Tehama	✗	26.5		**
Trinity		**		**
Tulare	✗	32.7		16.3
Tuolumne		**		**
Ventura	✓	14.4		17
Yolo	✓	8		17.3
Yuba	✗	27.5		**

Legend*	
✓	Lower than California
✗	Higher than California

<sup>1</sup>Birth rates are live births per 1,000 females aged 15-19. <sup>2</sup>Percentage of repeat births are calculated as the percentage of all births to mothers aged 15-19 with one or more previous live births; excludes births where birth order is unknown or the number of previous live births is greater than 6 (less than 1% of births excluded). <sup>3</sup> Three years of data were combined to produce more stable birth rates and percentage of repeat births. \*Indicate whether the county estimate is statistically different from the rest of the state according to methodology outlined in: National Center for Health Statistics. User guide to the 2010 natality public use file. Hyattsville, MD. Available from: [http://www.cdc.gov/nchs/data\\_access/Vitalst atsonline.htm](http://www.cdc.gov/nchs/data_access/Vitalst atsonline.htm). Counties without annotation signify no statistical difference in the rates/percentages.

\*\* Adolescent birth rate or percentage of repeat births suppressed.

Data sources: Births: 2015-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2015-2017, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.



# Percentage of Deliveries Paid by MediCal<sup>1</sup> by County, Females Aged 19 and below: California, Aggregated<sup>2</sup> 2015-2017

County	Cnty to State Adolescent Mothers Marker	Adolescents Mothers	Cnty to State All Mothers Marker	All Mothers
California		77.4		43.4
Alameda	✓	57.2	✓	23.1
Alpine		0		29.4
Amador		75		46.5
Butte	✗	85.3	✗	55.4
Calaveras		84.3	✗	52
Colusa		84.5	✗	62.3
Contra Costa	✓	44.1	✓	20.2
Del Norte		70.3	✗	60.1
El Dorado		75	✓	35.6
Fresno	✗	90	✗	69.1
Glenn		86.5	✗	64
Humboldt	✓	62.8		42.3
Imperial		77.1	✗	60.6
Inyo		**	✗	49.9
Kern	✗	87.1	✗	67.8
Kings		78.3	✗	59
Lake	✗	91.7	✗	71.5
Lassen	✓	52	✓	37.6
Los Angeles	✗	78.8	✗	46.4
Madera	✗	89.4	✗	73.4
Marin	✗	85.1	✓	26.9
Mariposa		**	✓	35.2
Mendocino	✗	93.5	✗	68.5
Merced	✓	58.4	✗	50.2
Modoc		**		46.4
Mono		**		47.9
Monterey	✓	67.1	✗	52.6
Napa		73.6	✓	39.6
Nevada		75	✓	36.6
Orange	✓	65.6	✓	31.4
Placer	✓	48	✓	20.2
Plumas		**		51.7
Riverside		77.8	✗	49.2
Sacramento		78.2	✗	47.3
San Benito		82.5	✗	46.2
San Bernardino	✗	79.1	✗	52.2
San Diego	✓	70.1	✓	34.3
San Francisco		78	✓	24.2
San Joaquin	✗	79.4	✗	56.1
San Luis Obispo	✗	83.3	✓	40.1
San Mateo		78.3	✓	23.4
Santa Barbara	✗	91.2	✗	58.5
Santa Clara		75.7	✓	24.1
Santa Cruz	✗	85.4	✗	50.2
Shasta	✗	84.5	✗	55.9
Sierra		**		36.8
Siskiyou		84.1	✗	60.7
Solano	✓	72.3	✓	38.6
Sonoma		78.7	✓	39.3
Stanislaus		78.9	✗	55.7
Sutter		81.7	✗	57.9
Tehama	✗	89.1	✗	63.2
Trinity		**	✗	63.7
Tulare	✗	88.7	✗	71
Tuolumne		92.3	✗	49.7
Ventura	✗	82.1	✓	42.7
Yolo		76.5	✓	39.8
Yuba		78.3	✗	50.3

**Legend\***

✓ Lower than California

✗ Higher than California

<sup>1</sup>Percentage of deliveries paid for by MediCal calculated as the percentage of all births to mothers aged 19 and below and to all mothers with a MediCal paid delivery; excludes births where mother's age or source of delivery payment is unknown (0.14%). <sup>2</sup>Three years of data were combined to produce more stable percentages. \*Indicate whether the county estimate is statistically different from the rest of the state according to methodology outlined in: National Center for Health Statistics. User guide to the 2010 natality public use file. Hyattsville, MD. Available from [CDC Vitals online](http://www.cdc.gov/nchs/data/natal2010/). Counties without annotation signify no statistical difference in the percentages.

\*\* Percentage of deliveries paid for by MediCal suppressed as per California Health and Human Services [Data De-Identification Guidelines](#)

Data source: Births: 2015-2017, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics.