

# Adolescent Births in California 2000-2016

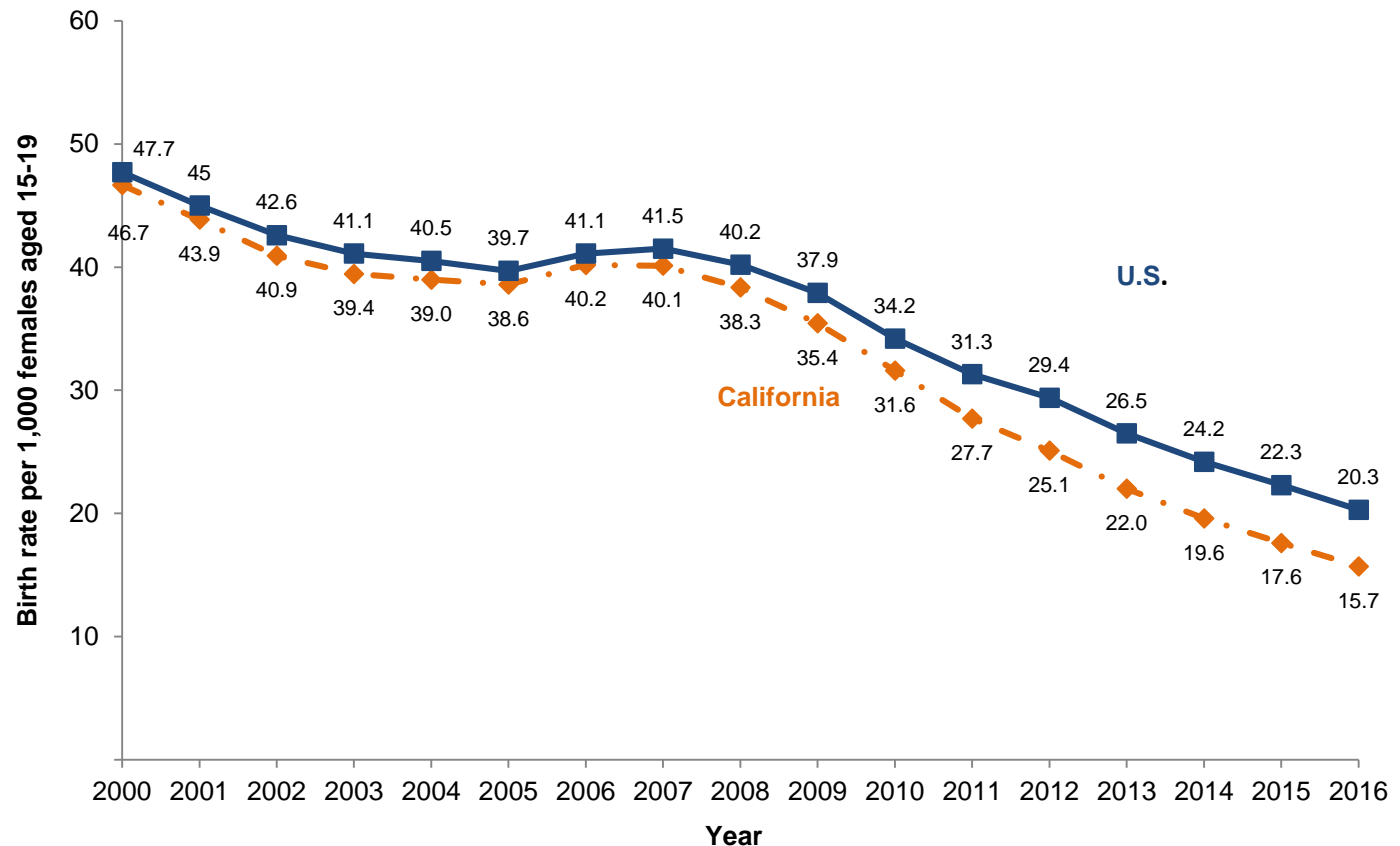


California Department of Public Health  
Center for Family Health  
Maternal, Child and Adolescent Health Division  
Epidemiology, Surveillance, and Federal Reporting Branch  
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# Birth Rates, Females Aged 15-19: California and U.S., 2000-2016

The adolescent birth rate in California declined 66% between 2000 and 2016. Between 2015 and 2016, the rate declined 11%.

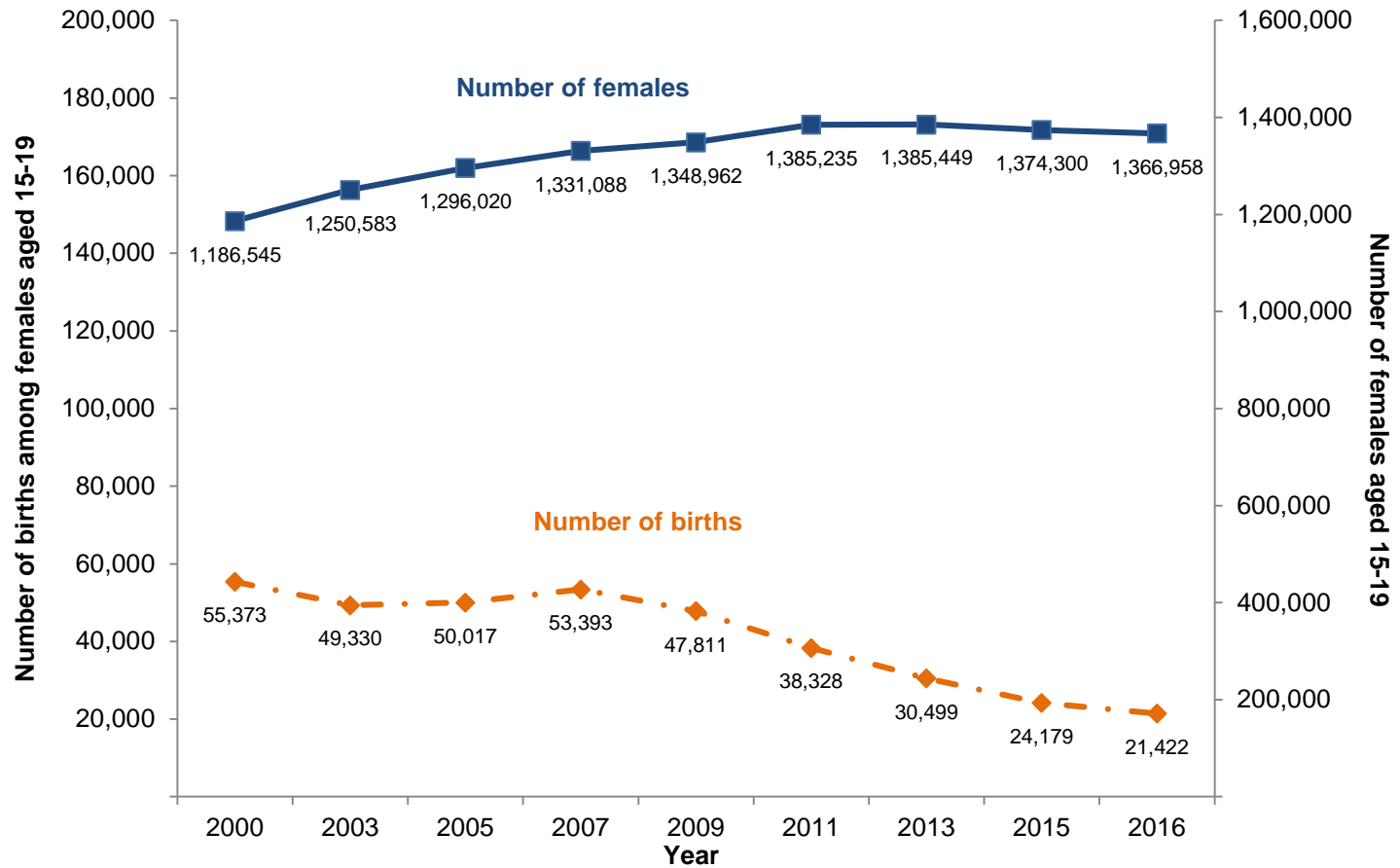


California data sources: Births: 2000-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, 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. 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, 2000-2016

While the number of California females aged 15-19 increased by 15% between 2000 and 2016, the number of births in this population decreased by 61%.

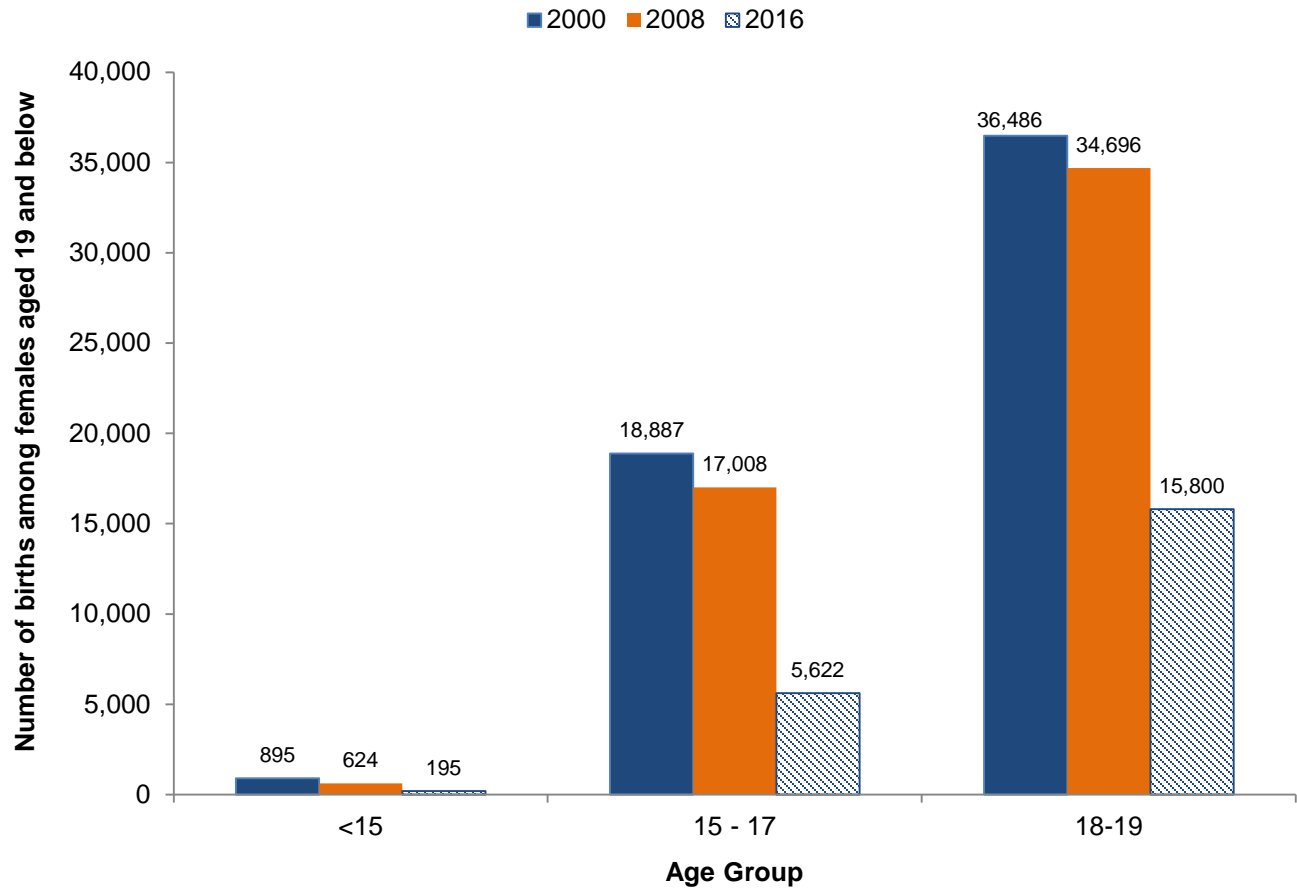


Data sources: Births: 2000-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, California, 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, 2016

In 2016, over 5,500 children were born to California mothers aged 15 -17; an additional 195 were born to mothers under age 15.



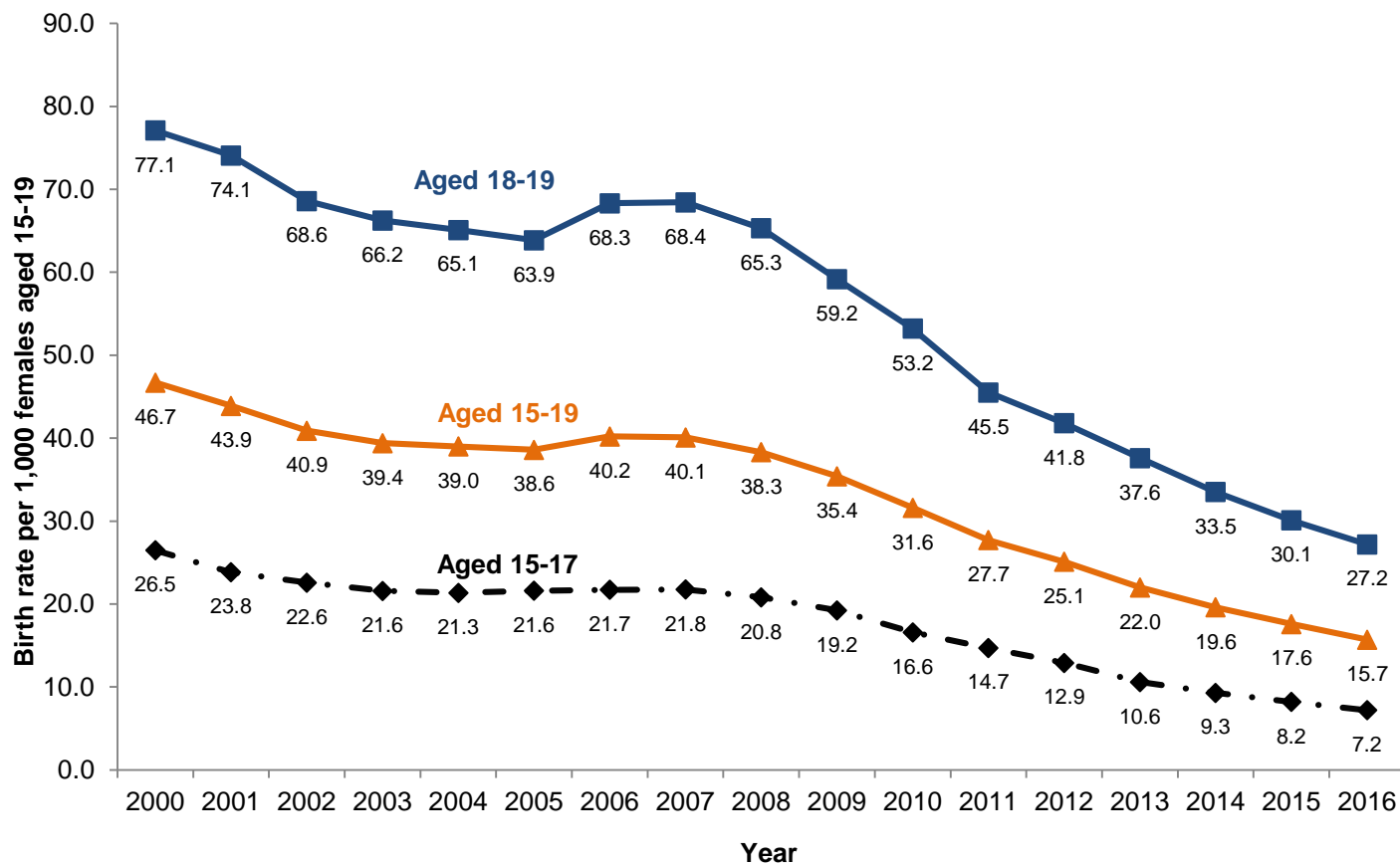
Data sources: 2000, 2008, and 2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics.



# Birth Rates by Age Group, Females Aged 15-19: California, 2000-2016

Between 2000 and 2016, the birth rate among females aged 18-19 declined by 65%.

Females aged 15-17 experienced a larger decline in birth rates, dropping 73% during the same time period.



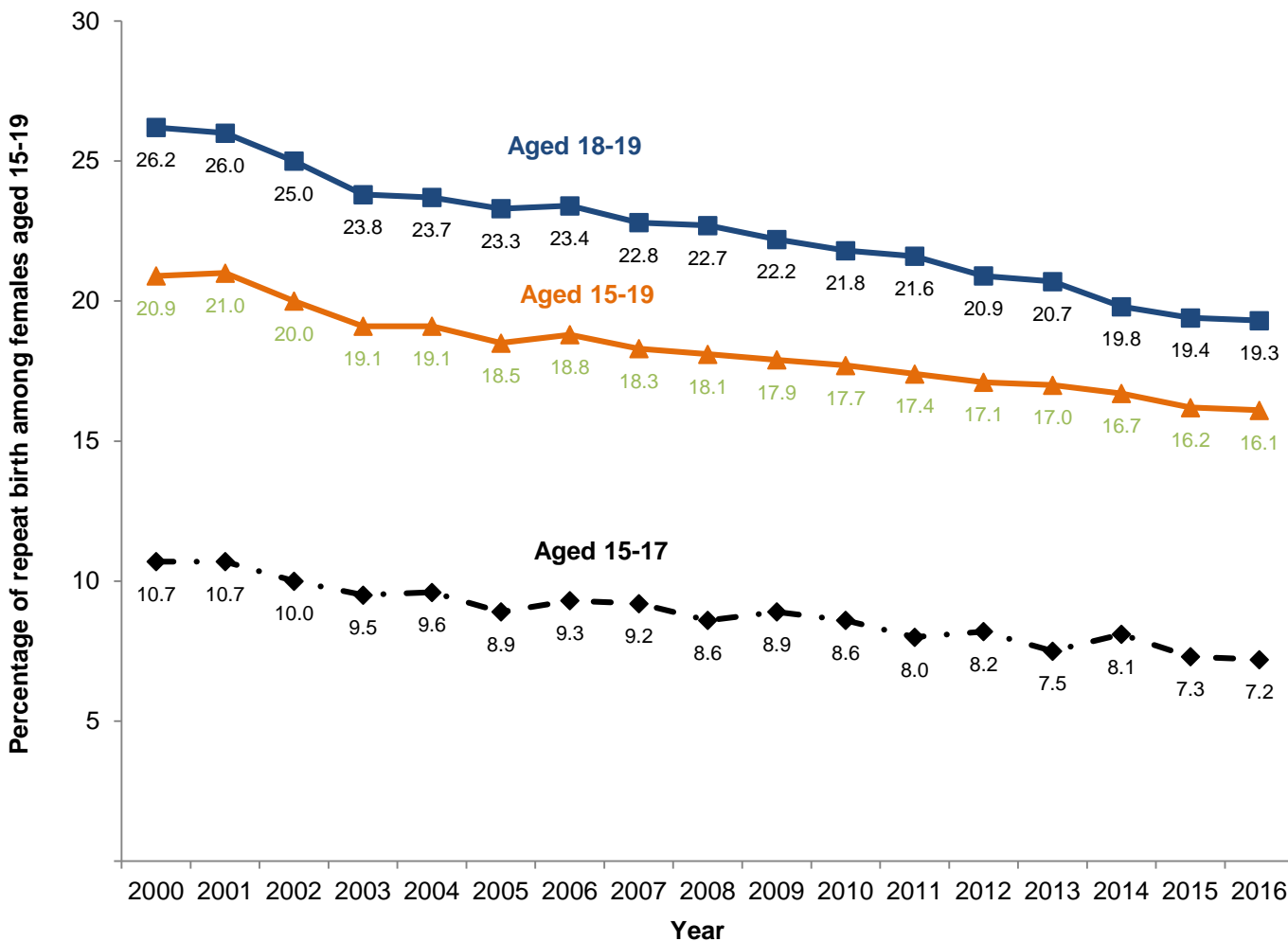
Data sources: Births: 2000-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2000-2009, State of California, Department of Finance, *Race/Hispanics Population with Age and Gender Detail, 2000-2010*. Sacramento, California, 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, 2000-2016

Between 2000 and 2016, the percentage of repeat births among females aged 15-19 declined by 23%.

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



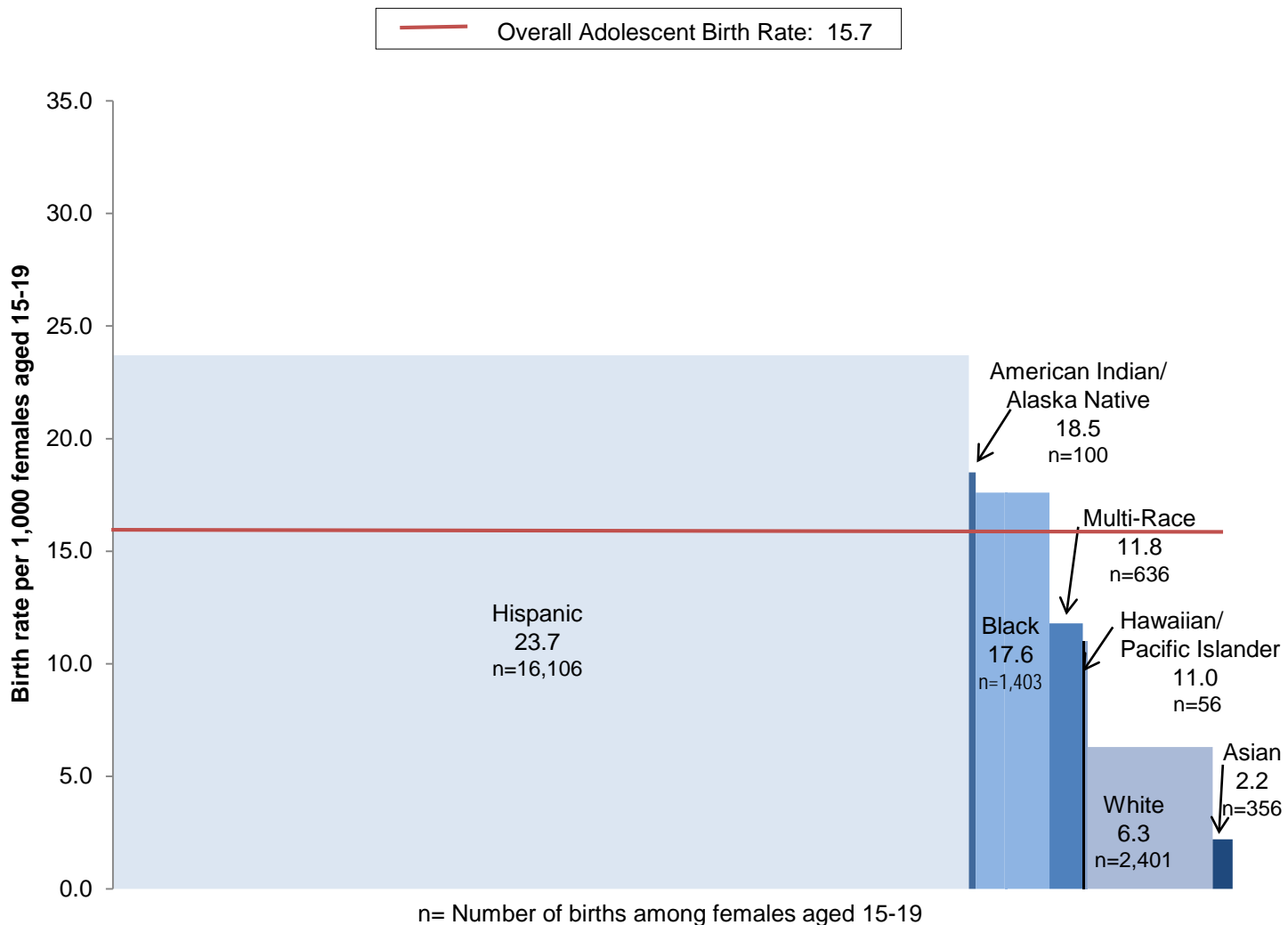
Data source: 2000-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. \*Repeat births are calculated as the percentage of all births to mothers with one or more previous live births; excludes births where birth order is unknown or the number of previous live births is greater than 6 (less than 1% of births excluded).



# Birth Rates and Number of Total Births by Race and Hispanic Ethnicity, Females Aged 15-19: California, 2016

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

Hispanic females account for 75% of adolescent births and have the highest adolescent birth rate at 23.7.

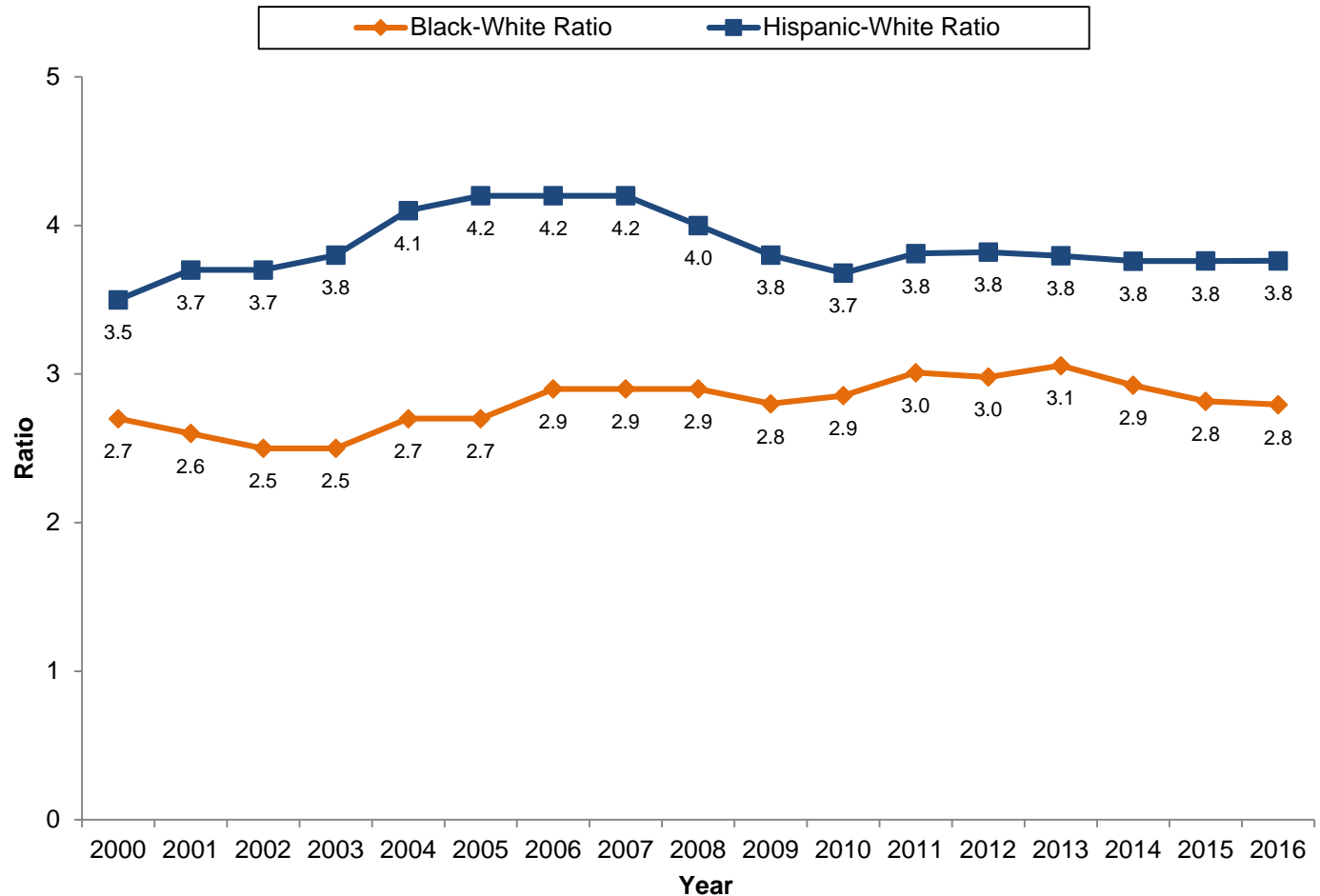


Data sources: Births: 2016 *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2016, California Department of Finance. Demographic Research Unit. 2018. *State and county population projections 2010-2060* [P-3: State and County Projections Dataset]. Sacramento: California Department of Finance. January 2018.



# Black-White and Hispanic-White Birth Rate Ratios, Females Aged 15-19: California, 2000-2016

In 2016, Black and Hispanic females aged 15-19 were 2.8 and 3.8 times as likely, respectively, to give birth as White females of the same age.



Data sources: Births: 2000-2016, *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. Rates for 2010-2015 have been revised based on the updated populations projections to provide more accurate rates for the period. 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 February, 2017.

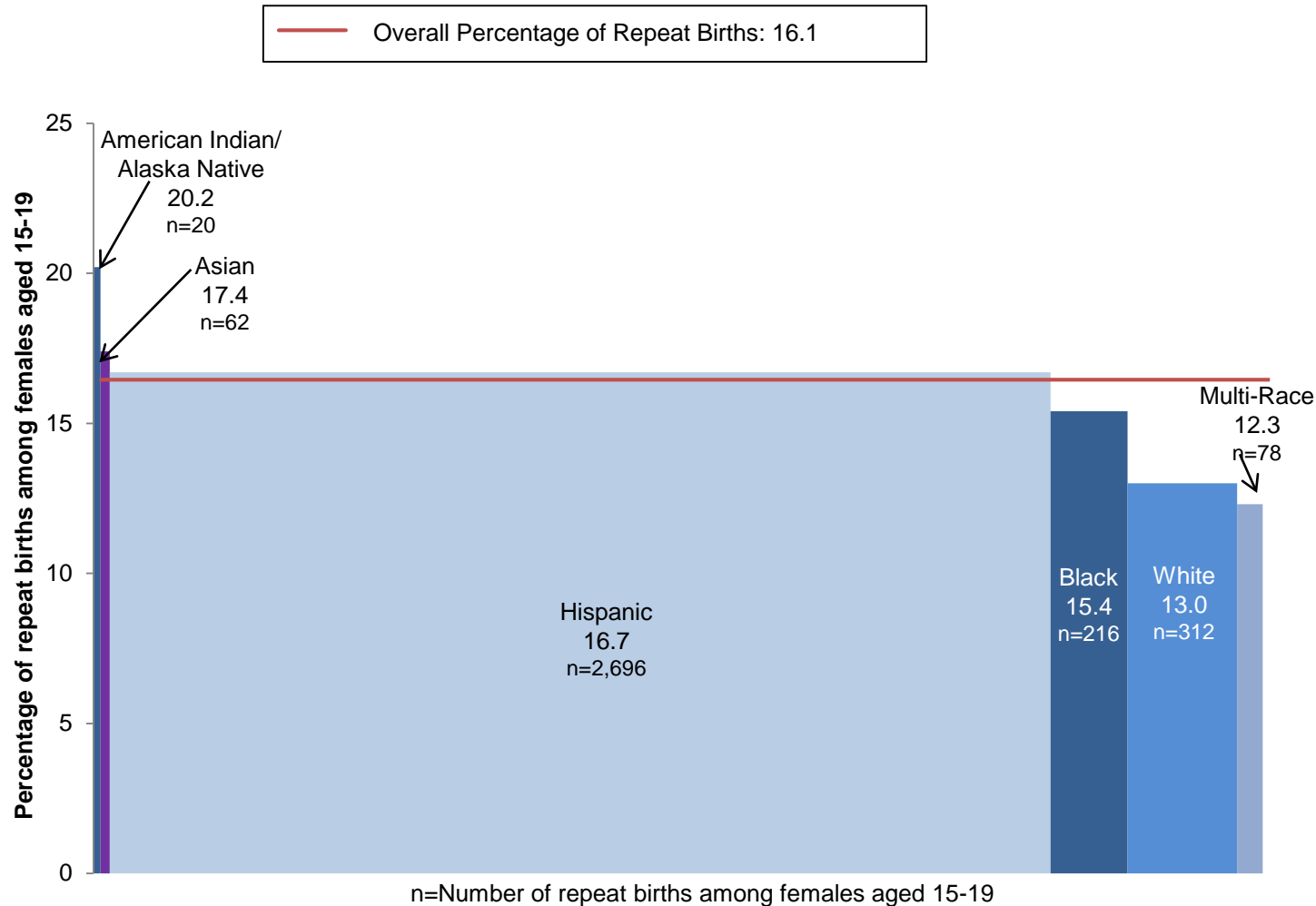




# Percentage of Repeat Births and Number of Repeat Births by Race and Hispanic Ethnicity, Females Aged 15-19: California, 2016

Among females aged 15-19, American Indian/ Alaska Native females had the highest and multi-race females had the lowest percentage of repeat births in 2016.

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



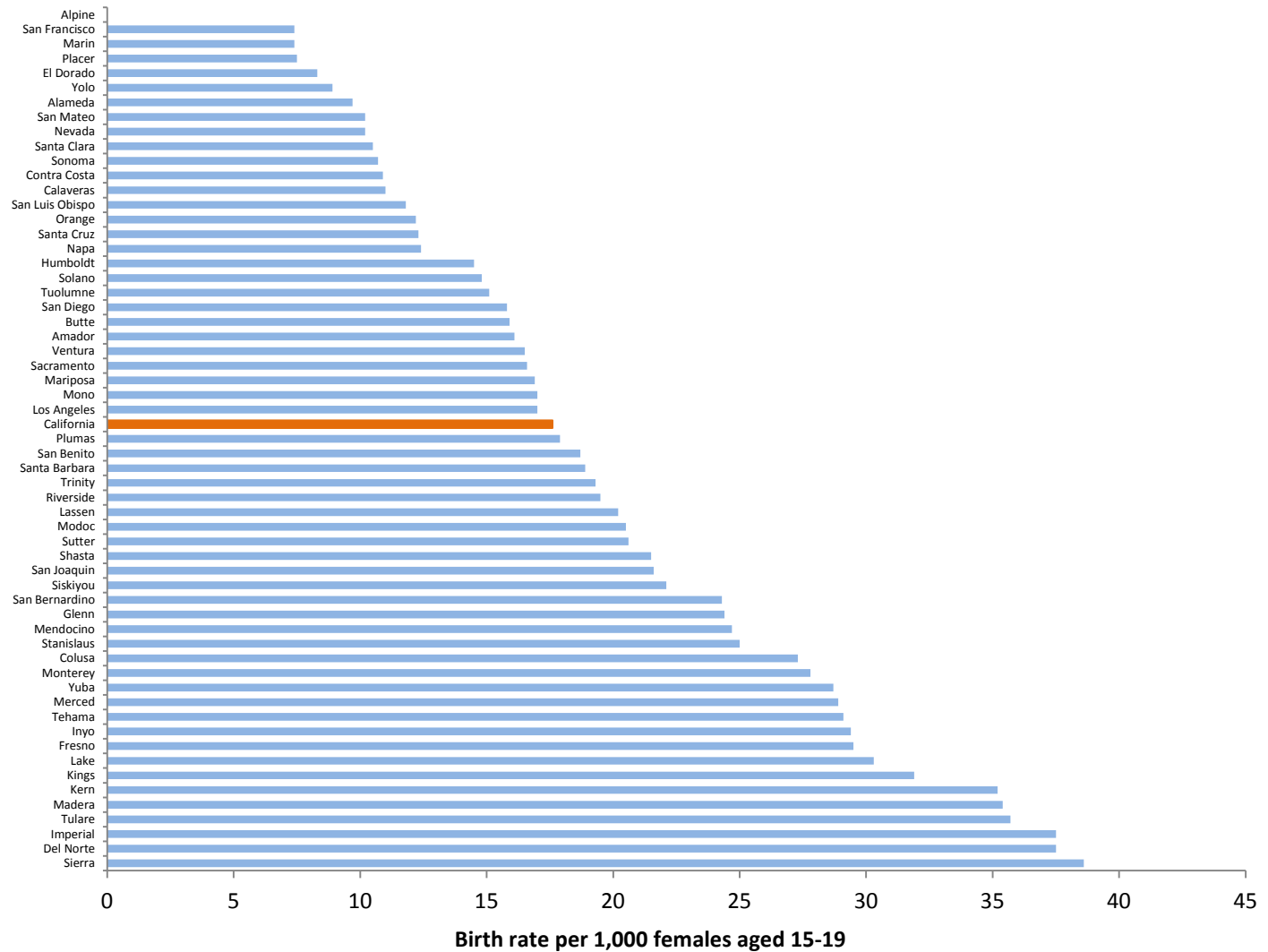
Data source: 2016 *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Repeat births are calculated as the percentage of all births to mothers with one or more previous live births; excludes births where birth order is unknown or the number of previous live births is greater than 6 (less than 1% of births excluded). Data for Pacific Islander/Native Hawaiian is suppressed due to small numbers.



# Birth Rate by County, Females Aged 15-19: California, Aggregated 2014-2016

Substantial geographic variation exists in adolescent childbearing across California counties.

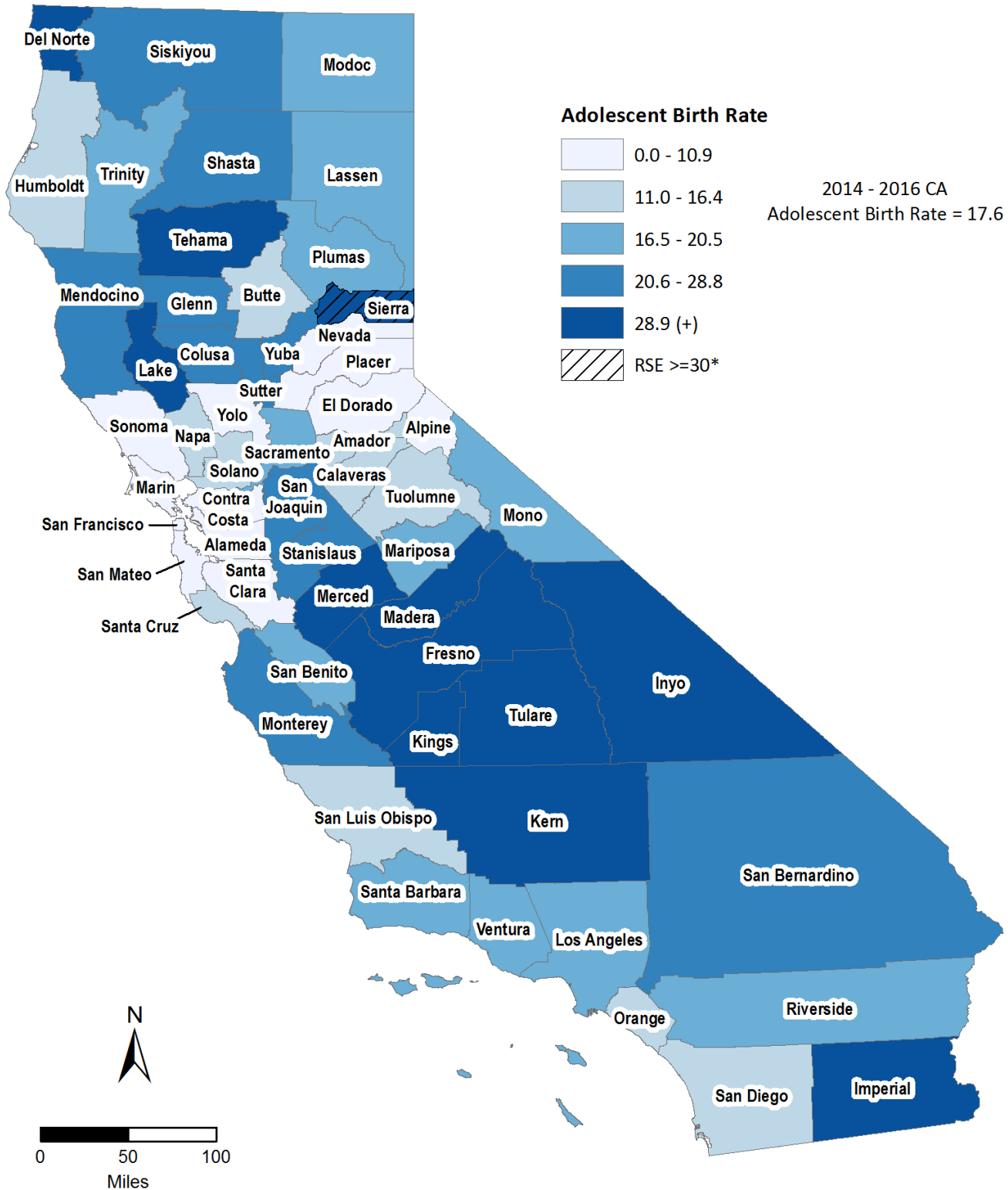
The county with the highest 3-year aggregated birth rate has a rate 5.2 times greater than the county with the lowest 3-year aggregated birth rate.



Data sources: Births: 2014-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2014-2015, 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.

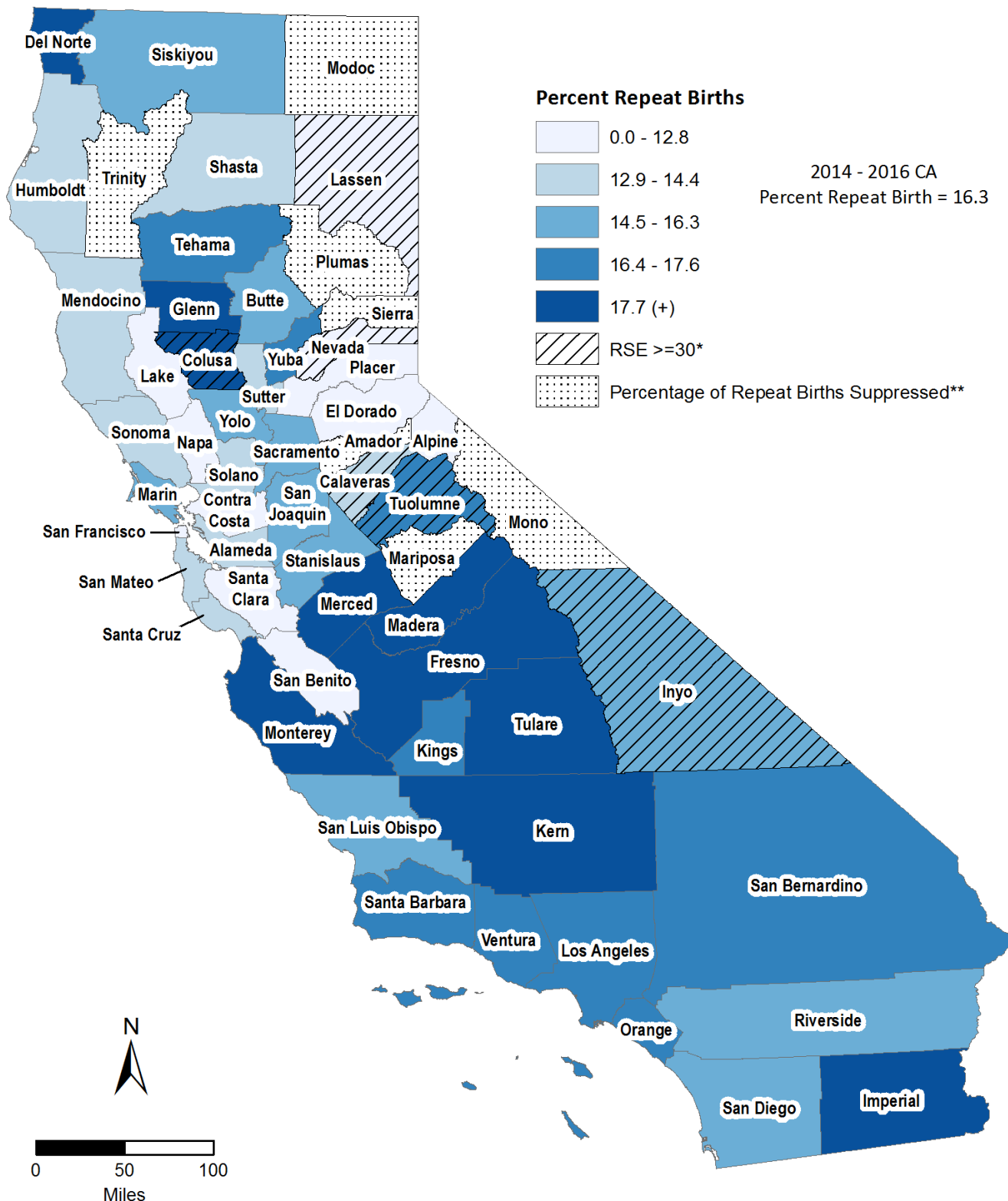
Notes: Alpine County has no adolescent births. Use caution in interpreting data for Sierra County due to small number of adolescent births

# Birth Rate<sup>1</sup> by County, Females Aged 15-19: California, Aggregated<sup>2</sup> 2014-2016



<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: 2014-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2014-2016, 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. \*Interpret with caution as relative standard error (RSE)  $\geq 30$ ; Further technical details available here: [Insert FAQ link](#)

# Percentage of Repeat Births<sup>1</sup> by County, Females Aged 15-19: California, Aggregated<sup>2</sup> 2014-2016



<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: 2014-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. \*Interpret with caution as relative standard error (RSE)  $\geq$  30; \*\* Percentage of repeat births suppressed; Further technical details available here: [Insert FAQ](#)



# Birth Rate<sup>1</sup> and Percentage of Repeat Births<sup>2</sup> by County, Females Aged 15-19: California, Aggregated<sup>3</sup> 2014-2016

		Birth Rate		Percent Repeat Birth
California		17.6		16.3
County				
Alameda	✓	9.7	✓	14.4
Alpine		0.0		0.0
Amador		16.1		**
Butte	✓	15.9		15.3
Calaveras	✓	11.0		13.6 <sup>□</sup>
Colusa	✗	27.3		19.4 <sup>□</sup>
Contra Costa	✓	10.9	✓	12.6
Del Norte	✗	37.5		19.1
El Dorado	✓	8.3		11.5
Fresno	✗	29.5	✗	19.9
Glenn	✗	24.4		17.9
Humboldt	✓	14.5		13.5
Imperial	✗	37.5	✗	19.9
Inyo	✗	29.4		14.9 <sup>□</sup>
Kern	✗	35.2	✗	18.0
Kings	✗	31.9		17.2
Lake	✗	30.3		12.1
Lassen		20.2		12.8 <sup>□</sup>
Los Angeles	✓	17.0		16.5
Madera	✗	35.4	✗	19.5
Marin	✓	7.4		15.3
Mariposa		16.9		**
Mendocino	✗	24.7		13.9
Merced	✗	28.9		18.1
Modoc		20.5		**
Mono		17.0		**
Monterey	✗	27.8	✗	19.9
Napa	✓	12.4		11.9
Nevada	✓	10.2		11.8 <sup>□</sup>
Orange	✓	12.2		16.5
Placer	✓	7.5	✓	9.3
Plumas		17.9		**
Riverside	✗	19.5		15.5
Sacramento	✓	16.6		16.3
San Benito		18.7		12.0
San Bernardino	✗	24.3		17.1
San Diego	✓	15.8	✓	14.8
San Francisco	✓	7.4	✓	10.6
San Joaquin	✗	21.6		16.0
San Luis Obispo	✓	11.8		15.1
San Mateo	✓	10.2	✓	13.0
Santa Barbara	✗	18.9		17.2
Santa Clara	✓	10.5	✓	12.6
Santa Cruz	✓	12.3		13.2
Shasta	✗	21.5		14.4
Sierra		38.6 <sup>□</sup>		**
Siskiyou		22.1		15.1
Solano	✓	14.8	✓	13.2
Sonoma	✓	10.7		13.3
Stanislaus	✗	25.0		16.3
Sutter	✗	20.6		13.7
Tehama	✗	29.1		16.9
Trinity		19.3		**
Tulare	✗	35.7	✗	18.3
Tuolumne		15.1		16.9 <sup>□</sup>
Ventura	✓	16.5		17.6
Yolo	✓	8.9		15.4
Yuba	✗	28.7		16.7

**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. □ RSE ≥ 30; \*\* Adolescent birth rate or percentage of repeat births suppressed Further technical details available here: Insert FAQ link

Data sources: Births: 2014-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics. Population: 2014-2016, 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 Deliveries Paid for by MediCal<sup>1</sup> by County, Females Aged 19 and below: California, Aggregated<sup>2</sup> 2014-2016

	Adolescents Mothers	All Mothers
California	76.8	43.7
County		
Alameda	✓ 54.9	✓ 24.4
Alpine	0.0	**
Amador	78.7	44.5
Butte	✗ 84.5	✗ 55.9
Calaveras	88.6	✗ 53.1
Colusa	82.4	✗ 62.1
Contra Costa	✓ 44.1	✓ 21.6
Del Norte	✓ 67.3	✗ 59.6
El Dorado	72.2	✓ 35.5
Fresno	✗ 89.5	✗ 69.2
Glenn	✗ 89.7	✗ 64.5
Humboldt	✓ 70.2	✗ 45.8
Imperial	74.2	✗ 58.5
Inyo	70.2	✗ 50.4
Kern	✗ 86.5	✗ 66.1
Kings	79.2	✗ 61.6
Lake	✗ 90.4	✗ 71.2
Lassen	✓ 49.0	✓ 37.6
Los Angeles	✗ 78.3	✗ 46.7
Madera	✗ 84.9	✗ 71.9
Marin	✗ 83.6	✓ 26.2
Mariposa	✓ 44.0 □	✓ 31.4
Mendocino	✗ 93.3	✗ 69.6
Merced	✓ 50.4	✗ 44.7
Modoc	68.4 □	45.3
Mono	**	✗ 50.0
Monterey	75.0	✗ 54.7
Napa	73.0	✓ 40.3
Nevada	75.3	✓ 35.5
Orange	✓ 67.8	✓ 32.8
Placer	✓ 47.6	✓ 19.7
Plumas	75.0	47.9
Riverside	76.4	✗ 49.0
Sacramento	77.8	✗ 47.3
San Benito	80.0	✗ 47.3
San Bernardino	✗ 78.7	✗ 52.6
San Diego	✓ 67.3	✓ 33.3
San Francisco	73.3	✓ 23.5
San Joaquin	78.6	✗ 56.6
San Luis Obispo	✗ 83.8	✓ 40.5
San Mateo	79.2	✓ 24.1
Santa Barbara	✗ 90.8	✗ 59.1
Santa Clara	75.1	✓ 25.6
Santa Cruz	✗ 86.6	✗ 51.0
Shasta	✗ 81.2	✗ 54.7
Sierra	**	40.5
Siskiyou	85.2	✗ 60.0
Solano	✓ 70.1	✓ 38.4
Sonoma	77.8	✓ 39.4
Stanislaus	78.7	✗ 56.3
Sutter	79.5	✗ 56.1
Tehama	✗ 87.6	✗ 62.9
Trinity	**	✗ 62.6
Tulare	✗ 90.2	✗ 72.2
Tuolumne	**	✗ 52.6
Ventura	✗ 82.8	✓ 42.9
Yolo	74.3	✓ 41.0
Yuba	74.4	✗ 49.1

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: [http://www.cdc.gov/nchs/data\\_access/Vitalstatsonline.htm](http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm). Counties without annotation signify no statistical difference in the percentages. □ RSE ≥ 30; \*\* Percentage of deliveries paid for by MediCal suppressed

Data source: Births: 2014-2016, *Birth Statistical Master File*, California Department of Public Health, Center for Health Statistics and Informatics.