

# **Teen Fertility Rate**

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**INDICATOR:** Live Birth Rate For Adolescent Females

**DEFINITION:** The number of live births per 1,000 adolescent females by age at delivery (less than 15 years of age, 15 to 17 years of age, 18 to 19 years of age)

**NUMERATOR:** The total number of live births among adolescent females, by age group (10 to 14, 15 to 17, 18 to 19), by place of residence, in a calendar year

**DENOMINATOR:** The total number of adolescent females by age group (10 to 14, 15 to 17, 18 to 19), by place of residence, in a calendar year

**HEALTHY PEOPLE 2020 OBJECTIVES:**

**Objective FP-8.1:** Reduce pregnancies among adolescent females age 15 to 17 to 36.2 pregnancies per 1,000 adolescents (Baseline: 40.2 pregnancies per 1,000 females age 15 to 17 in 2005). **Objective FP-8.2:** Reduce pregnancies among adolescent females age 18-19 to 104.6 pregnancies per 1,000 adolescents (Baseline: 116.2 pregnancies per 1,000 females age 18 to 19 in 2005.)

**Live Births to Females Age 10 to 14**

Year	California				Los Angeles County				Denominator: Population of Females Under Age 15 (i.e. 10 - 14)		
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval		Year	California	LA County
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper			
2010	433	1.3	1.2	1.4	112	0.3	0.3	0.4	2010	1,262,193	330,534
2011	426	1.3	1.3	1.4	121	0.4	0.3	0.4	2011	1,252,998	324,005
2012	360	1.1	1.1	1.2	100	0.3	0.3	0.4	2012	1,241,524	318,878
2013	315	1.0	0.9	1.1	94	0.3	0.2	0.4	2013	1,237,130	314,076
2014	228	0.7	0.7	0.8	63	0.2	0.2	0.3	2014	1,237,322	310,434
2015	220	0.7	0.7	0.8	54	0.2	0.1	0.2	2015	1,234,577	307,947
2016	195	0.6	0.6	0.7	55	0.2	0.1	0.2	2016	1,235,310	306,173
2017	152	0.5	0.5	0.5	44	0.1	0.1	0.2	2017	1,243,634	307,341
2018	130	0.4	0.4	0.5	32	0.1	0.1	0.1	2018	1,245,715	308,673
2019	121	0.4	0.4	0.4	21	0.1	0.0	0.1	2019	1,235,752	307,423

Sources: Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060  
 California Integrated Records System, 2018-2019  
 California Department of Public Health, Birth Statistical Master Files, 2010-2017  
 Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060

**INDICATOR:**

**Live Birth Rate For Adolescent Females (continued)**

**Live Births to Females Age 15 to 17 Years**

Year	California				Los Angeles County				Denominator: Population of Females Age 15-17		
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval		Year	California	LA County
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper			
2010	13,308	16.4	16.2	16.7	3,770	17.5	16.9	18.0	2010	809,880	215,825
2011	11,839	14.8	14.5	15.0	3,310	15.6	15.1	16.2	2011	801,527	211,853
2012	10,359	13.1	12.9	13.4	2,833	13.7	13.2	14.2	2012	788,279	206,709
2013	8,525	11.0	10.8	11.2	2,271	11.3	10.8	11.8	2013	775,563	200,991
2014	7,325	9.6	9.3	9.8	1,924	9.8	9.4	10.2	2014	766,985	196,156
2015	6,448	8.5	8.2	8.7	1,670	8.7	8.2	9.1	2015	763,037	193,040
2016	5,617	7.4	7.2	7.6	1,466	7.7	7.3	8.1	2016	754,970	190,374
2017	4,782	6.3	6.1	6.5	1,222	6.4	6.1	6.8	2017	757,359	190,593
2018	4,195	5.6	5.4	5.7	1,060	5.8	5.4	6.1	2,018	754,170	183,085
2019	3,691	4.9	4.7	5.0	904	5.0	4.7	5.3	2,019	754,455	180,649

Sources: Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060  
 California Integrated Records System, 2018-2019  
 California Department of Public Health, Birth Statistical Master Files, 2010-2017  
 Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060

**INDICATOR: Live Birth Rate For Adolescent Females (continued)**

**Live Births to Females Age 18 to 19 Years**

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2010	29,819	53.3	52.8	53.9	7,907	52.6	51.5	53.7
2011	26,489	46.7	46.2	47.3	7,049	47.6	46.5	48.6
2012	24,562	43.1	42.5	43.6	6,320	43.5	42.5	44.6
2013	21,974	38.7	38.2	39.2	5,782	40.4	39.4	41.4
2014	19,700	35.2	34.7	35.6	5,026	35.8	34.8	36.8
2015	17,727	32.1	31.6	32.5	4,404	32.2	31.3	33.1
2016	15,795	31.2	30.7	31.6	3,826	29.1	28.2	30.0
2017	14,153	26.1	25.7	26.5	3,399	25.6	24.7	26.4
2018	12,734	23.5	23.1	23.9	2,986	23.2	22.3	24.0
2019	11,665	21.5	21.1	21.9	2,729	21.4	20.6	22.2

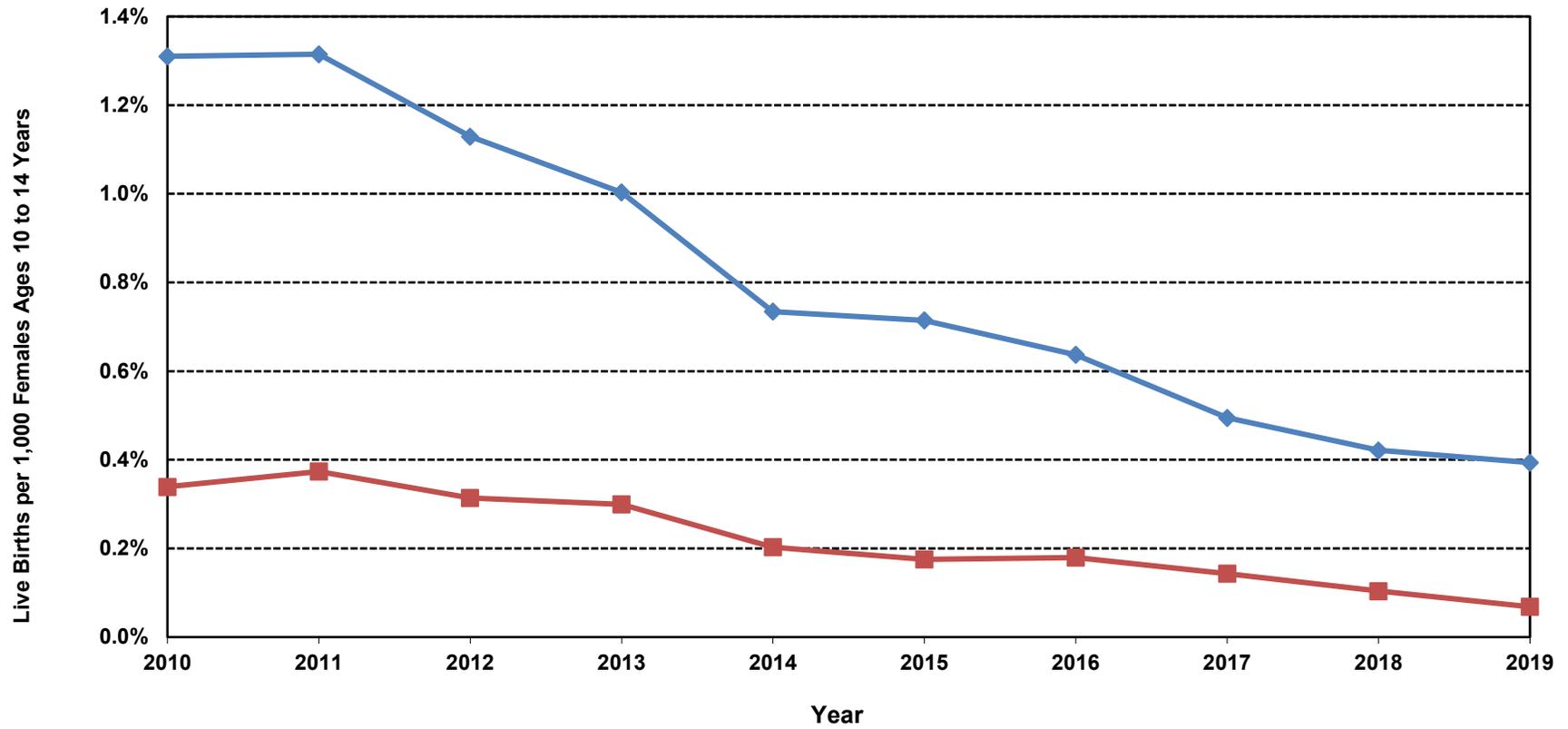
Denominator: Population of Females Age 18-19		
Year	California	LA County
2010	558,978	150,320
2011	567,205	148,207
2012	570,250	145,219
2013	567,687	143,069
2014	560,283	140,382
2015	552,894	136,729
2016	506,914	131,524
2017	542,610	132,980
2018	542,090	128,943
2019	541,811	127,381

Sources:

Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060  
 California Integrated Records System, 2018-2019  
 California Department of Public Health, Birth Statistical Master Files, 2010-2017

### Live Birth Rate For Females Age 10-14 California vs. Los Angeles County, 2010-2019

California Los Angeles County



Sources:

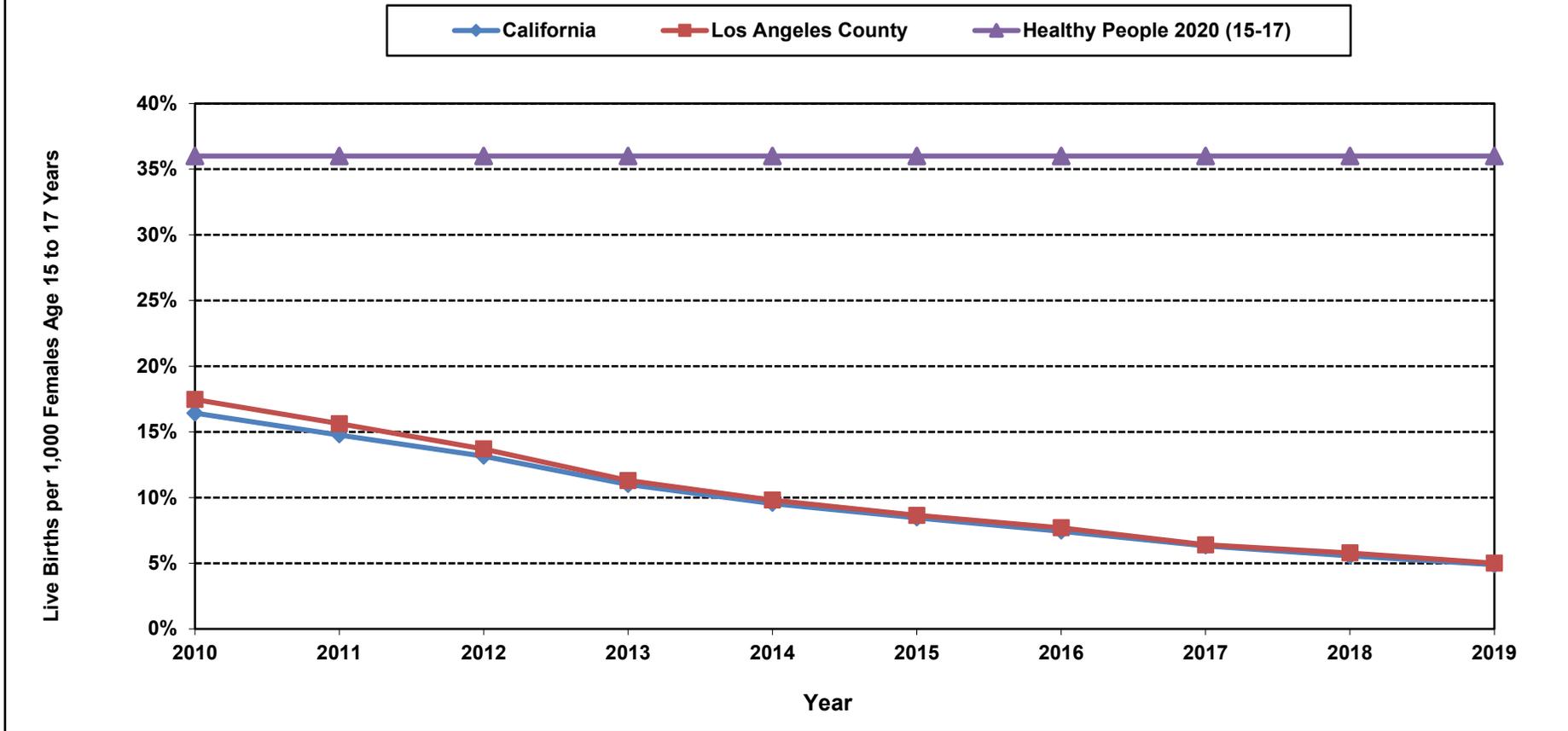
Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060

California Integrated Records System, 2018-2019

California Department of Public Health, Birth Statistical Master Files, 2010-2017

#REF!

**Live Birth Rate For Females Age 15 to 17  
California vs. Los Angeles County, 2010-2019**



Sources:

Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060

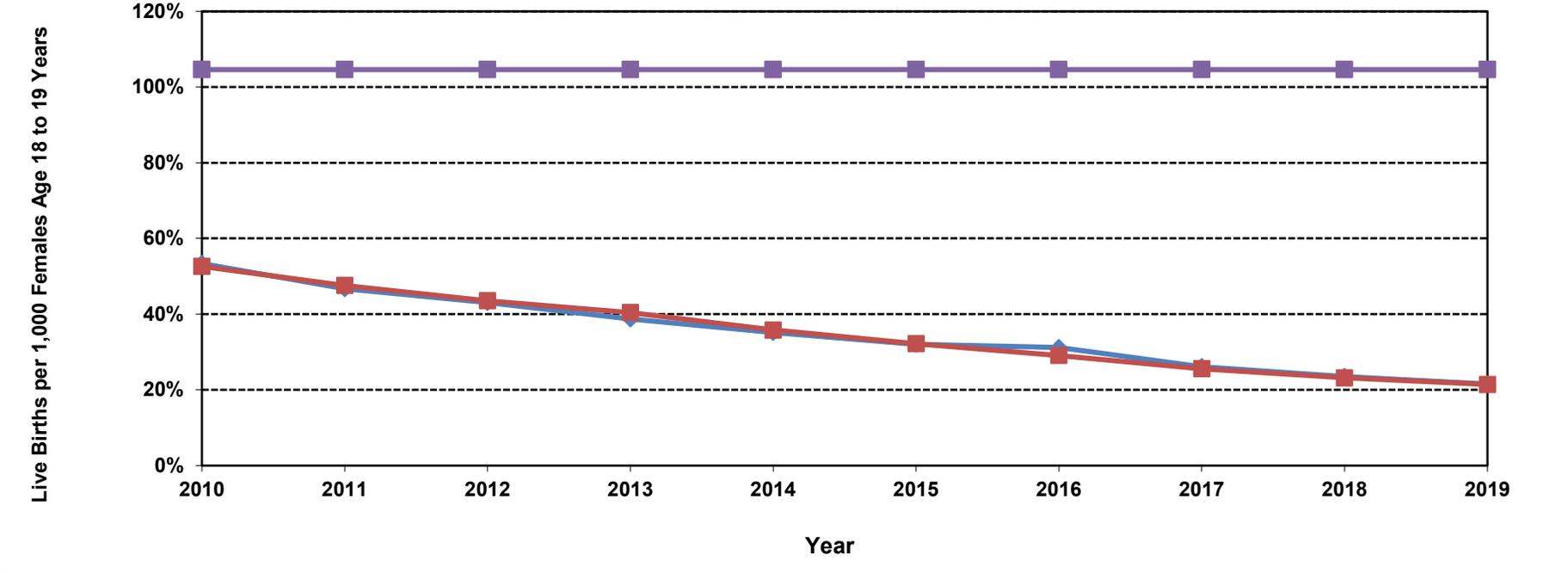
California Integrated Records System, 2018-2019

California Department of Public Health, Birth Statistical Master Files, 2010-2017

#REF!

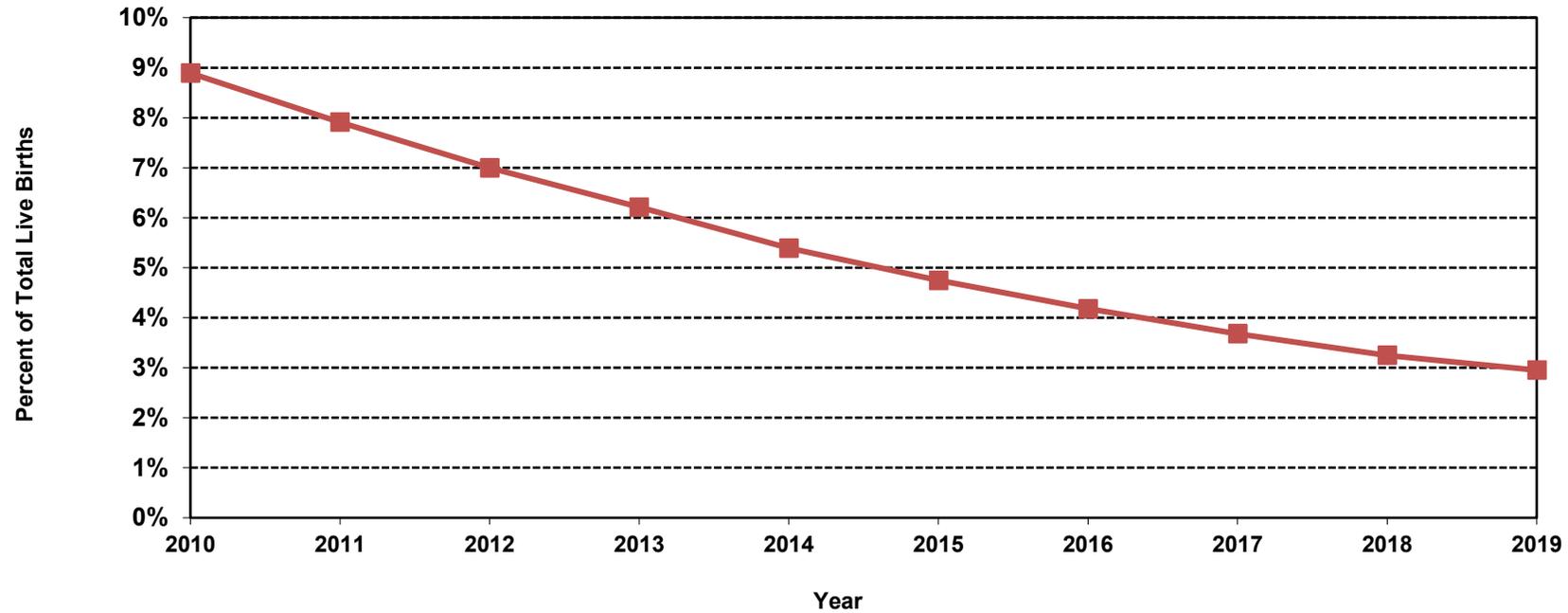
**Live Birth Rate For Females Age 18 to 19  
California vs. Los Angeles County, 2010-2019**

California Los Angeles County Healthy People 2020 (18-19)



Sources:  
 Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060  
 California Integrated Records System, 2018-2019  
 California Department of Public Health, Birth Statistical Master Files, 2010-2017

**Percent of Live Births to Females Under Age 20  
Los Angeles County, 2010-2019**



Los Angeles County, 2010-2019		
Year	Live Births to Females Under Age 20	
	Number	Percent
2010	11,789	8.9
2011	10,480	7.9
2012	9,253	7.0
2013	8,147	6.2
2014	7,013	5.4
2015	6,128	4.8
2016	5,347	4.2
2017	4,665	3.7
2018	4,078	3.2
2019	3,654	3.0

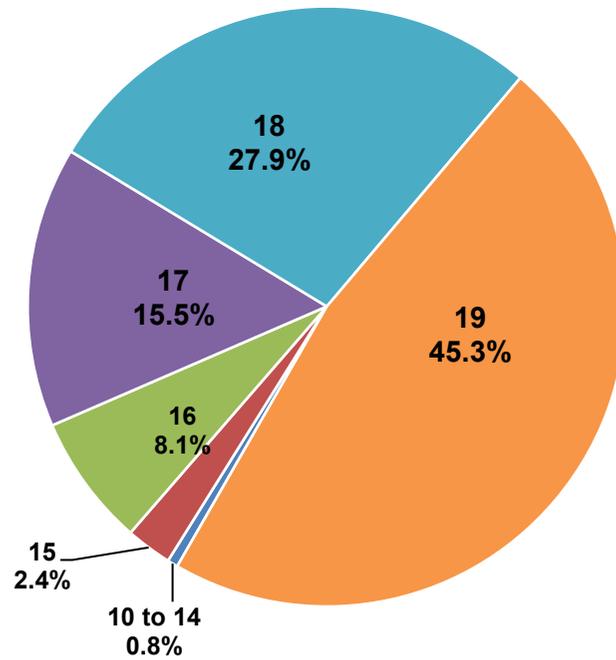
Denominator: Population of Females Under Age 20
1,325,841
1,324,794
1,322,488
1,311,216
1,300,921
1,290,048
1,279,216
1,267,058
1,254,975
1,237,782

Sources: California Integrated Records System, 2018-2019

California Department of Public Health, Birth Statistical Master Files, 2010-2017

Report P2-C: Total Estimated and Projected Population for California Counties by Age and Sex: July 1, 2010 to July 1, 2060

**Distribution of Live Births Among Females Under Age 20  
Los Angeles County, 2019**

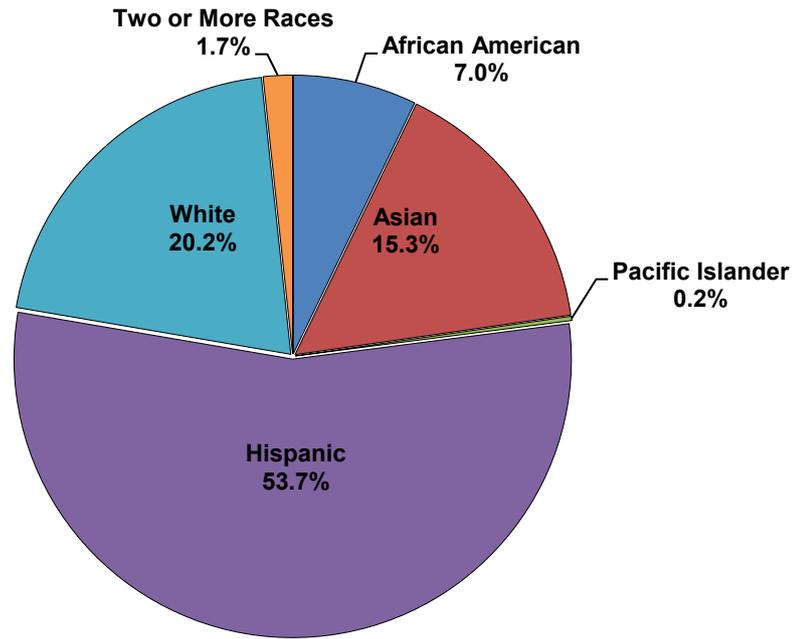


Los Angeles County, 2019				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
10 to 14	21	0.6	0.3	0.8
15	91	2.5	2.0	3.0
16	260	7.1	6.3	7.9
17	553	15.1	14.0	16.3
18	1,007	27.6	26.1	29.0
19	1,722	47.1	45.5	48.7
<b>Total</b>	<b>3,654</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Live Births to Mothers Under Age 20
11,789
10,480
9,253
8,147
7,013
6,128
<b>52,810</b>

Source: California Integrated Records System, 2019

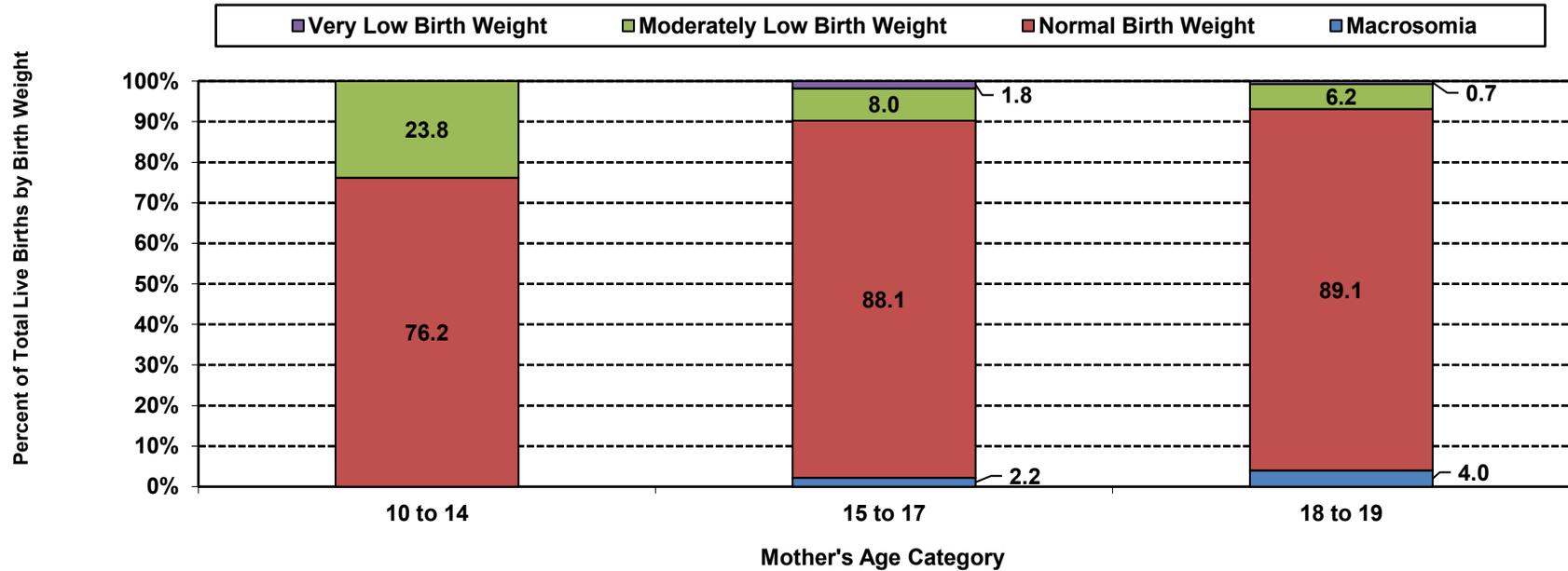
**Distribution of Live Births Among Mothers Under Age 20  
by Mother's Race/Ethnicity  
Los Angeles County, 2019**



Mother's Race/Ethnicity	Los Angeles County, 2019								Live Births to Mothers Under Age 20
	Mother's Age								
	10 to 14		15-17		18-19		<20		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	<5	N/C	79	1.0	306	4.1	389	5.2	7,539
Asian	<5	N/C	8	0.05	15	0.1	23	0.1	16,359
Pacific Islander	<5	N/C	<5	N/C	9	3.5	11	4.3	256
Hispanic	15	0.0	772	1.3	2,255	3.9	2,255	3.9	57,561
Native American	<5	N/C	<5	N/C	6	4.5	7	5.3	133
White	<5	N/C	22	0.1	73	0.3	96	0.4	21,679
Two or More Races	<5	N/C	10	0.6	37	2.1	47	2.6	1,779
Other/Unknown	<5	N/C	10	0.5	28	1.5	39	2.1	1,896
<b>Total</b>	<b>21</b>	<b>0.02</b>	<b>904</b>	<b>0.8</b>	<b>2,729</b>	<b>2.5</b>	<b>3,654</b>	<b>3.4</b>	<b>107,202</b>

Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.  
Source: California Integrated Records System, 2019

**Distribution of Live Births Among Mothers Under Age 20  
by Birthweight  
Los Angeles County, 2019**



Los Angeles County, 2019									
Mother's Age Category	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		Macrosomia		Live Births to Mothers Under Age 20
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
10 to 14	<5	N/C	5	23.8	16	76.2	<5	N/C	21
15 to 17	16	1.8	72	8.0	796	88.1	20	2.2	904
18 to 19	20	0.7	168	6.2	2,432	89.1	109	4.0	2,729
<b>Total</b>	<b>36</b>	<b>1.0</b>	<b>245</b>	<b>6.7</b>	<b>3,244</b>	<b>88.8</b>	<b>129</b>	<b>3.5</b>	<b>3,654</b>

Notes: "Very low birthweight" is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

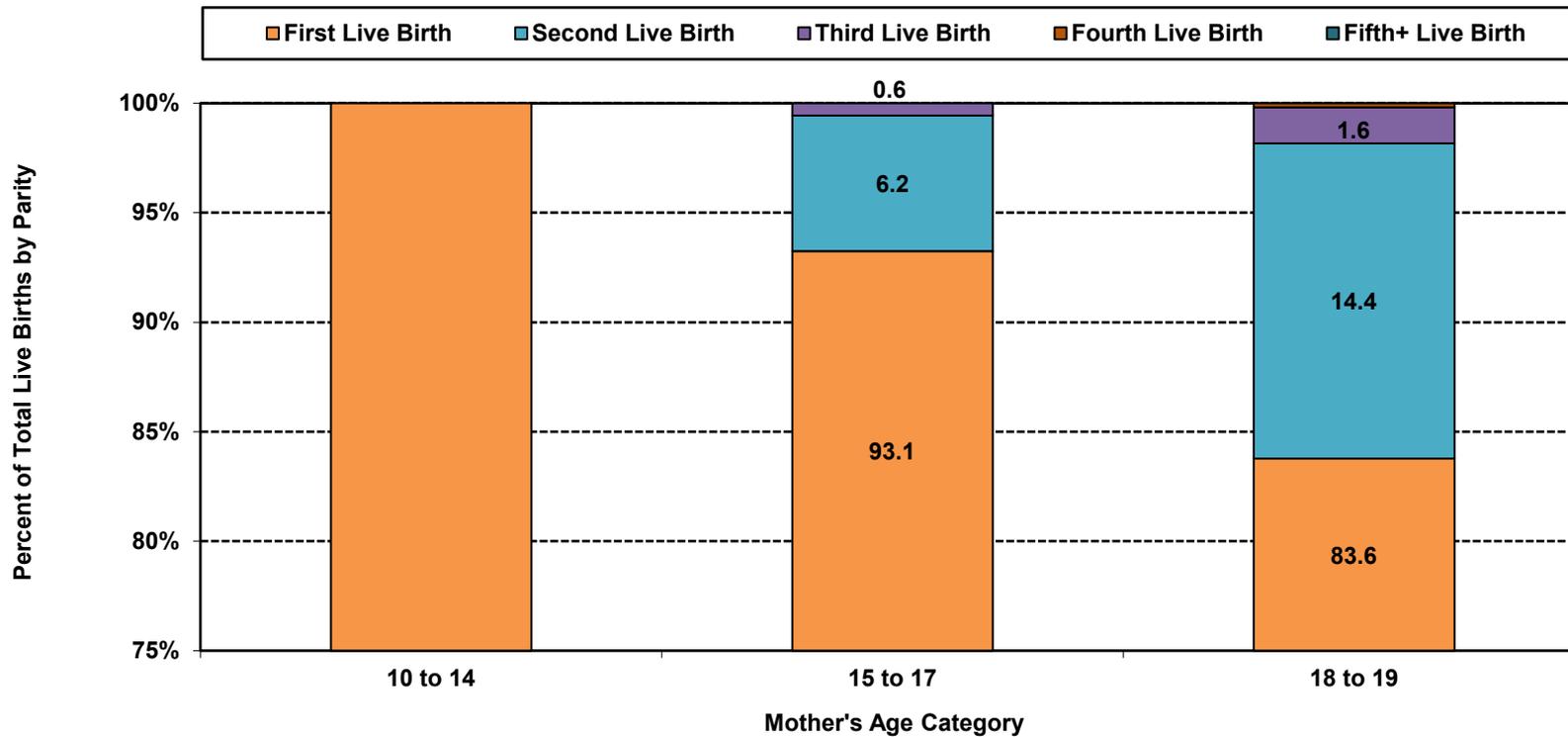
"Low birthweight" is defined as weight less than 2,500 grams (5 pounds, 8 ounces) at birth.

"Macrosomia" is defined as larger-than-normal birth weight (usually more than 4,500 grams or 9 pounds, 15 ounces).

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Integrated Records System, 2019

**Distribution of Live Births Among Mothers Under Age 20  
by Parity  
Los Angeles County, 2019**

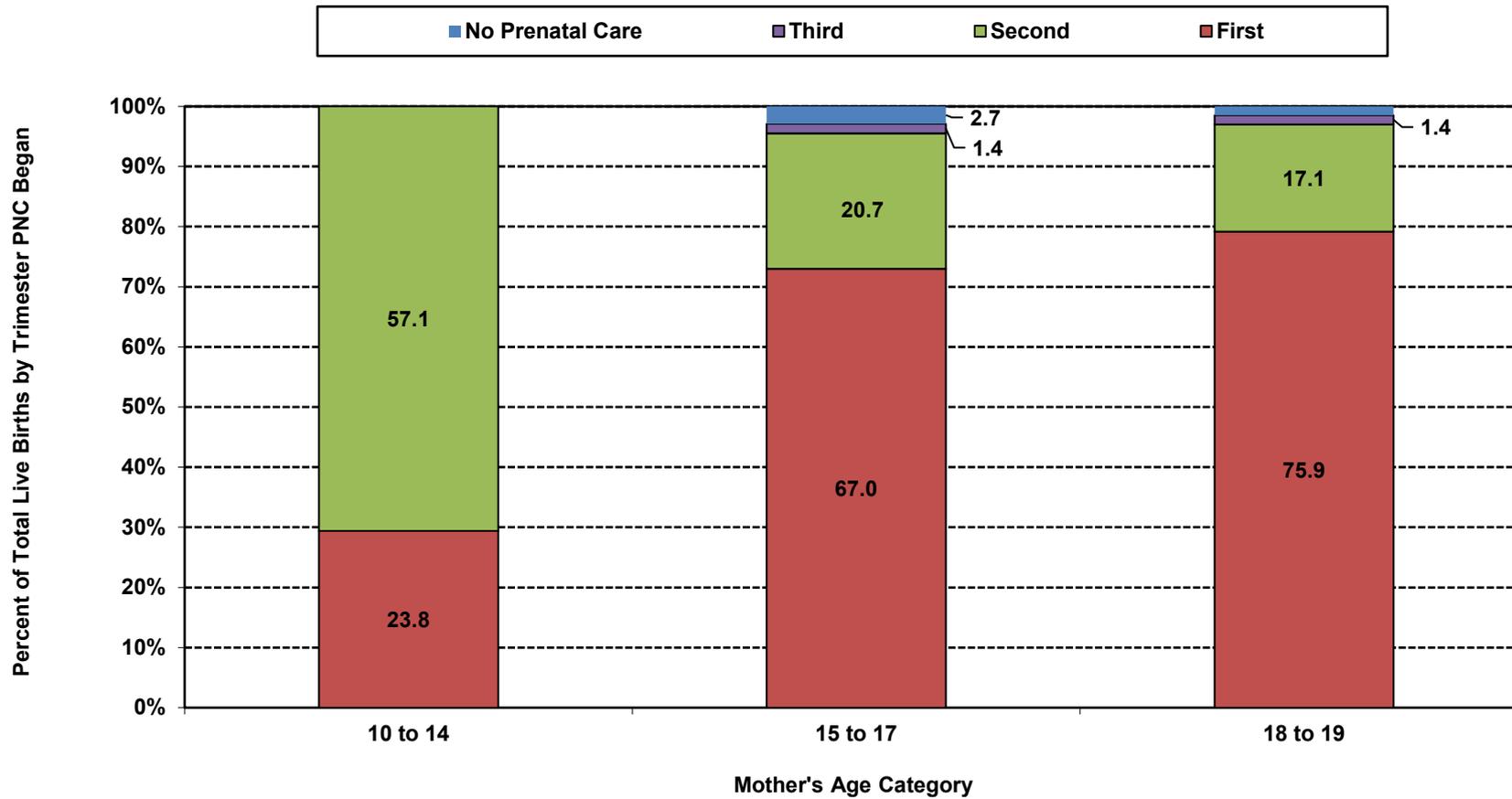


Los Angeles County, 2019														Live Births to Mothers Under Age 20
Mother's Age Category	Parity													
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
10 to 14	20	95.2	<5	N/C	<5	N/C	<5	N/C	<5	N/C	<5	N/C	21	
15 to 17	842	93.1	56	6.2	5	0.6	<5	N/C	<5	N/C	<5	N/C	904	
18 to 19	2,282	83.6	392	14.4	45	1.6	5	0.2	<5	N/C	<5	N/C	2,729	
<b>Total</b>	<b>3,144</b>	<b>86.0</b>	<b>449</b>	<b>12.3</b>	<b>50</b>	<b>1.4</b>	<b>5</b>	<b>0.1</b>	<b>&lt;5</b>	<b>N/C</b>	<b>&lt;5</b>	<b>N/C</b>	<b>3,654</b>	

Notes: "Parity" is defined as the number of pregnancies resulting in live births to a woman.  
Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Integrated Records System, 2019

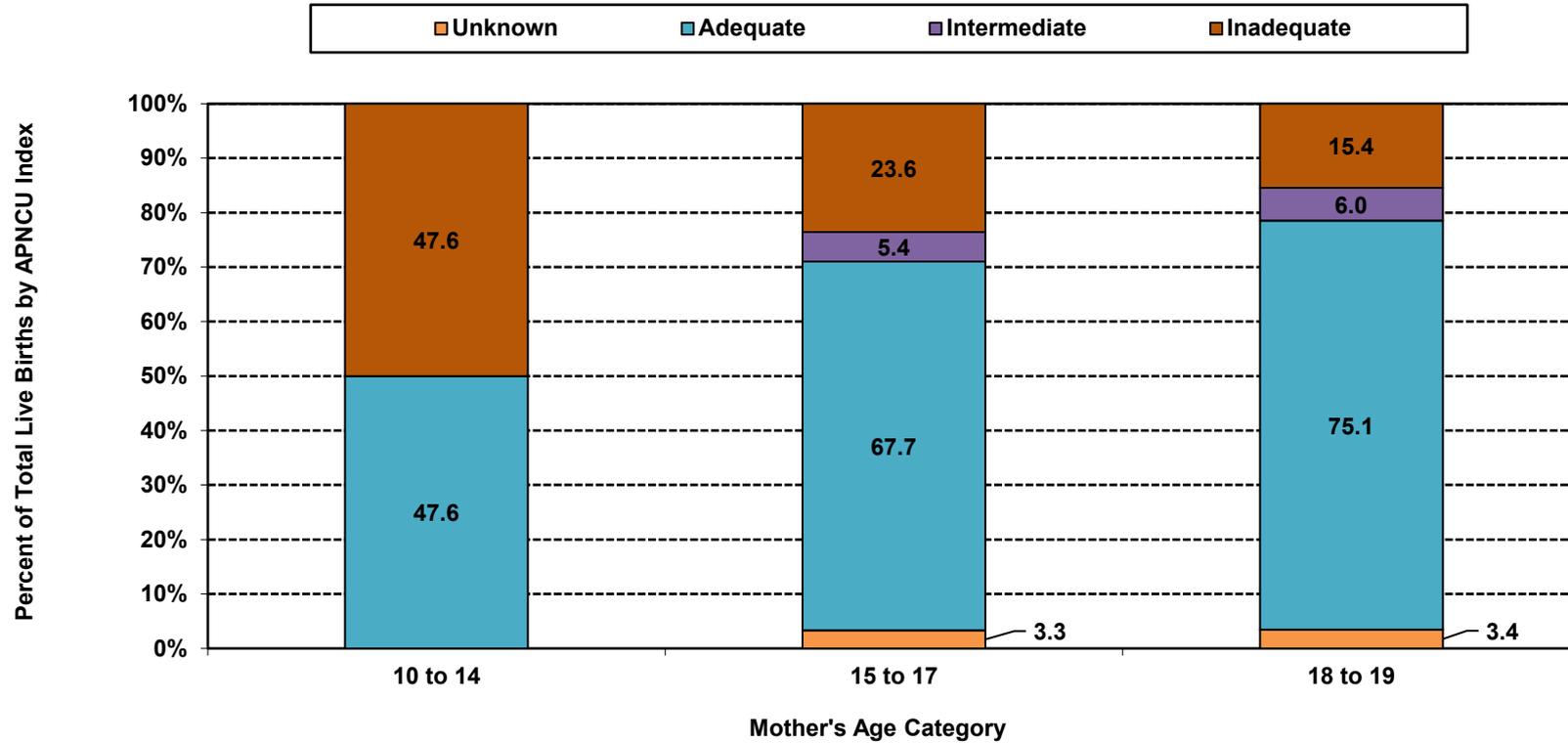
**Distribution of Live Births Among Mothers Under Age 20  
by Mother's Trimester Prenatal Care Began  
Los Angeles County, 2019**



Los Angeles County, 2019											
Mother's Age Category	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown		Live Births to Mothers Under Age 20
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
10 to 14	<5	N/C	5	23.8	12	57.1	<5	N/C	<5	N/C	21
15 to 17	24	2.7	606	67.0	187	20.7	13	1.4	13	1.4	904
18 to 19	39	1.4	2,070	75.9	467	17.1	39	1.4	39	1.4	2,729
<b>Total</b>	<b>64</b>	<b>1.8</b>	<b>2,681</b>	<b>73.4</b>	<b>666</b>	<b>18.2</b>	<b>52</b>	<b>1.4</b>	<b>52</b>	<b>1.4</b>	<b>3,654</b>

Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.  
Source: California Integrated Records System, 2019

**Distribution of Live Births Among Mothers Under Age 20  
by Adequacy of Prenatal Care Utilization Index (APNCU)  
Los Angeles County, 2019**



Los Angeles County, 2019								
Mother's Age Category	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
10 to 14	10	47.6	<5	N/C	10	47.6	<5	N/C
15 to 17	612	67.7	49	5.4	213	23.6	30	3.3
18 to 19	2,049	75.1	165	6.0	421	15.4	94	3.4
<b>Total</b>	<b>2,671</b>	<b>73.1</b>	<b>215</b>	<b>5.9</b>	<b>644</b>	<b>17.6</b>	<b>124</b>	<b>3.4</b>

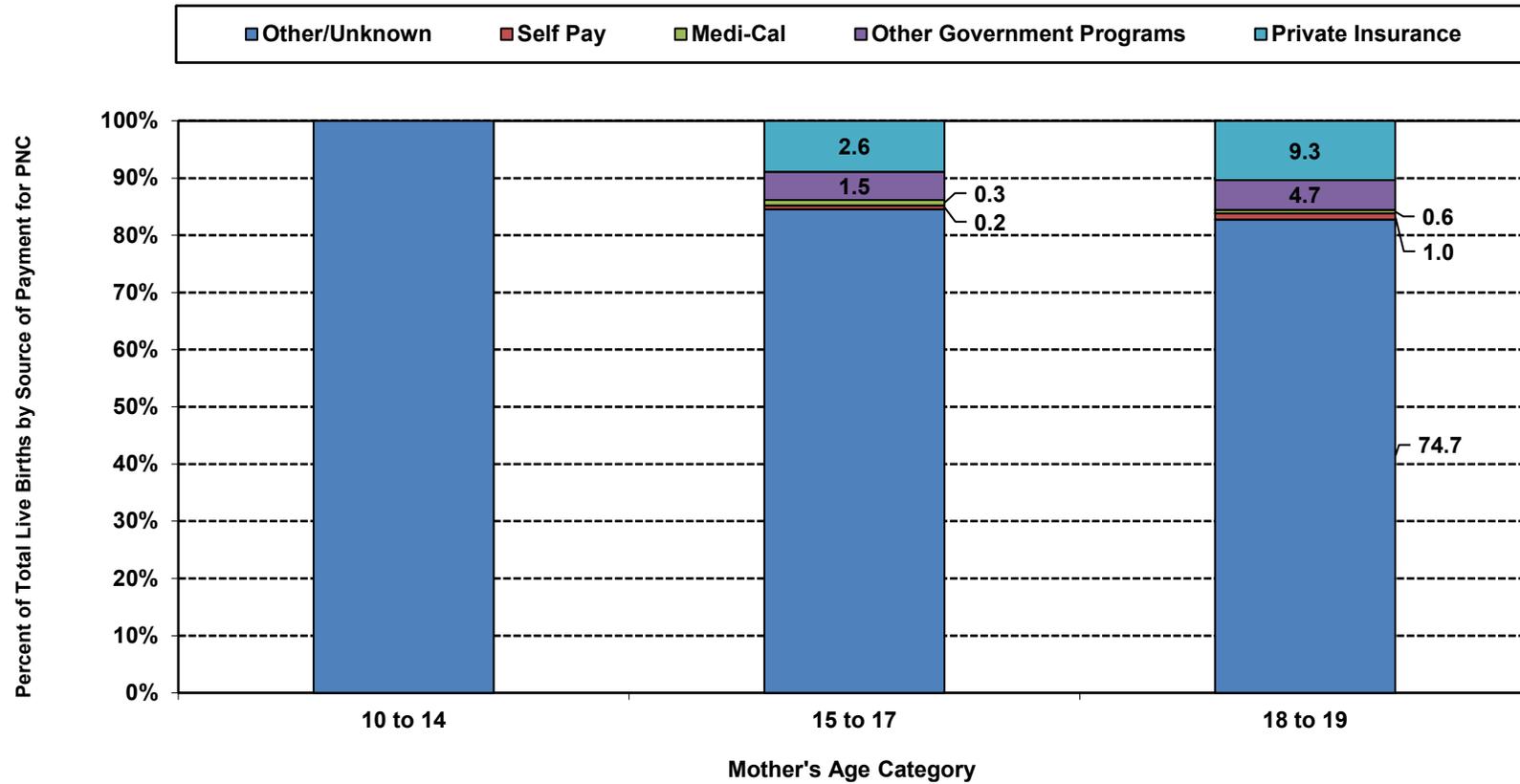
Live Births to Mothers Under Age 20
21
904
2,729
<b>3,654</b>

Notes: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recommendations established by the American College of Obstetrics and Gynecologists (ACOG).

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Integrated Records System, 2019

**Distribution of Live Births Among Mothers Under Age 20  
by Source of Payment for Prenatal Care  
Los Angeles County, 2019**

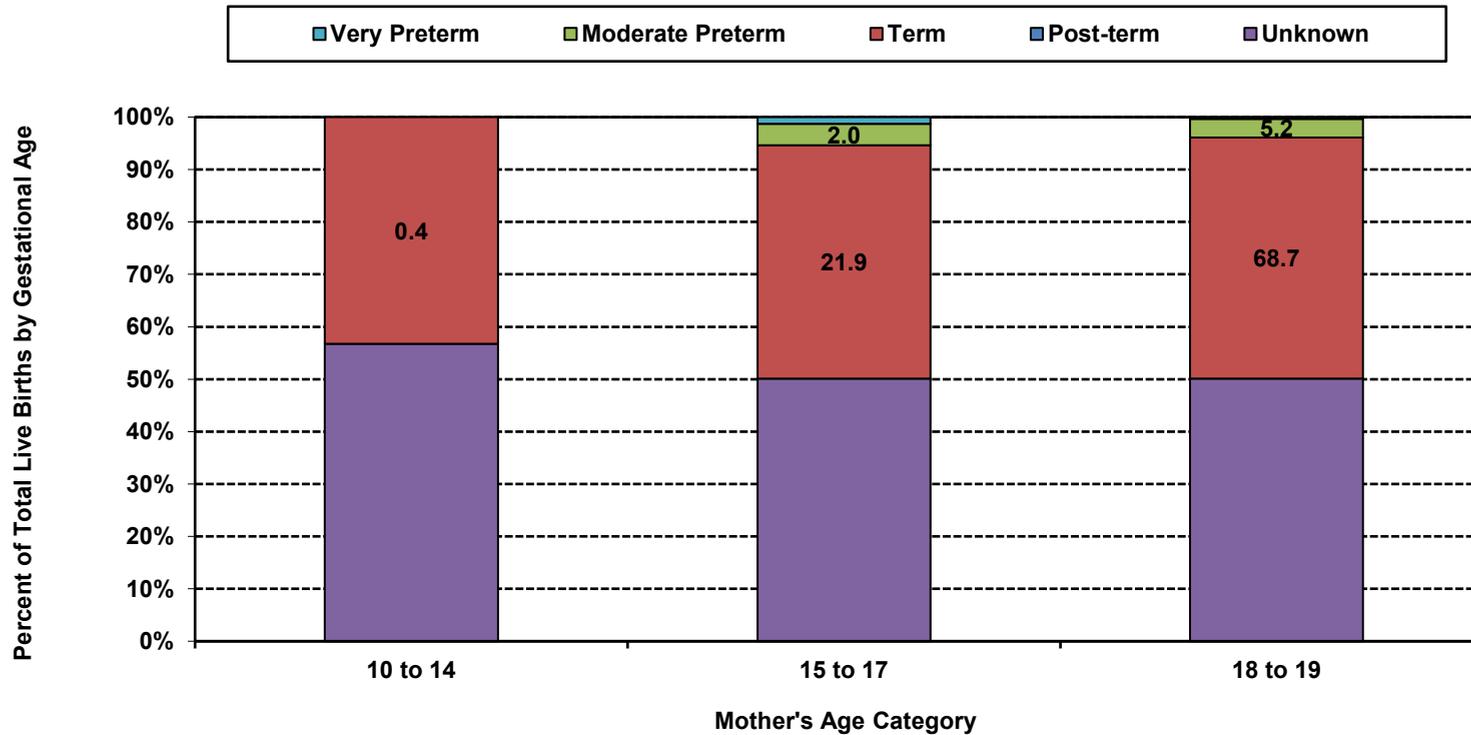


Los Angeles County, 2019											
Mother's Age Category	Source of Payment for Prenatal Care										Live Births to Females Under Age 20
	Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
10 to 14	<5	N/C	<5	N/C	<5	N/C	<5	N/C	21	0.6	3,654
15 to 17	95	2.6	53	1.5	10	0.3	7	0.2	904	24.7	3,654
18 to 19	341	9.3	172	4.7	21	0.6	35	1.0	2,729	74.7	3,654
<b>Total</b>	<b>436</b>	<b>11.9</b>	<b>226</b>	<b>6.2</b>	<b>31</b>	<b>0.8</b>	<b>42</b>	<b>1.1</b>	<b>3,654</b>	<b>49.7</b>	<b>3,654</b>

Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Integrated Records System, 2019

### Distribution of Live Births Among Mothers Under Age 20 by Gestational Age Los Angeles County, 2019



Los Angeles County, 2019											
Mother's Age Category	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Live Births to Mothers Under Age 20
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
10 to 14	<5	N/C	<5	N/C	16	0.4	<5	N/C	21	0.6	3,654
15 to 17	23	0.6	74	2.0	802	21.9	<5	N/C	904	24.7	3,654
18 to 19	20	0.5	191	5.2	2,509	68.7	<5	N/C	2,729	74.7	3,654
<b>Total</b>	<b>44</b>	<b>1.2</b>	<b>269</b>	<b>7.4</b>	<b>3,327</b>	<b>91.1</b>	<b>&lt;5</b>	<b>N/C</b>	<b>3,654</b>	<b>100.0</b>	<b>3,654</b>

Notes: "Preterm" is defined as birth at less than 37 weeks of gestation.  
 "Very preterm" is defined as birth at less than 32 weeks of gestation.  
 "Moderately preterm" is defined as birth between 32 to 36 weeks of gestation.  
 Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.  
 "Gestational Age Unknown" includes those weeks of gestation not stated, less than 17 weeks of gestation, and 53 weeks or more gestation.  
 These categories reflect inaccuracies rather than actual gestation periods.