

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. **Objective FP-8.2:** Reduce pregnancies among adolescent females age 18-19 to 104.6 pregnancies per 1,000 adolescents.

Live Births to Females Under Age 15

Year	California				Los Angeles County				Denominator: Population of Females Ages 10-14		
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval		Year	California	LA County
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper			
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
2020	117	0.4	0.4	0.4	25	0.1	0.0	0.1	2020	1,288,781	304,819

Sources: California Department of Finance, Report P1-C: Total Estimated and Projected Population for California by 5-Year Age Group and Sex: July 1, 2010 to July 1, 2060
Centers for Disease Control and Prevention, Division of Vital Statistics, Natality public-use data 2011-2020, on CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>.
California Integrated Records System, 2018-2020
California Department of Public Health, Birth Statistical Master Files, 2011-2017

Live Births to Females Ages 15 to 17 Years

Year	California				Los Angeles County				Denominator: Population of Females Ages 15-17		
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval		Year	California	LA County
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper			
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	2018	754,170	183,085
2019	3,691	4.9	4.7	5.0	904	5.0	4.7	5.3	2019	754,455	180,649
2020	3,389	4.4	4.2	4.5	739	3.9	3.6	4.2	2020	774,017	189,170

Sources: California Department of Finance. Demographic Research Unit. Report P-3: Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento: California. July 2021.

Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System. Data are from the Natality Records 2016-2020 on CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>

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California Integrated Records System, 2018-2020

California Department of Public Health, Birth Statistical Master Files, 2011-2017

INDICATOR: Live Birth Rate For Adolescent Females (continued)

Live Births to Females Ages 18 to 19 Years

Year	California				Los Angeles County				Denominator: Population of Females Ages 18-19		
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval		Year	California	LA County
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper			
2011	26,489	46.7	46.2	47.3	7,049	47.6	46.5	48.6	2011	567,205	148,207
2012	24,562	43.1	42.5	43.6	6,320	43.5	42.5	44.6	2012	570,250	145,219
2013	21,974	38.7	38.2	39.2	5,782	40.4	39.4	41.4	2013	567,687	143,069
2014	19,700	35.2	34.7	35.6	5,026	35.8	34.8	36.8	2014	560,283	140,382
2015	17,727	32.1	31.6	32.5	4,404	32.2	31.3	33.1	2015	552,894	136,729
2016	15,795	31.2	30.7	31.6	3,826	29.1	28.2	30.0	2016	506,914	131,524
2017	14,153	26.1	25.7	26.5	3,399	25.6	24.7	26.4	2017	542,610	132,980
2018	12,734	23.5	23.1	23.9	2,986	23.2	22.3	24.0	2018	542,090	128,943
2019	11,665	21.5	21.1	21.9	2,729	21.4	20.6	22.2	2019	541,811	127,381
2020	10,202	18.1	17.7	18.4	2,238	15.8	15.1	16.4	2020	564,923	141,946

Sources: California Department of Finance. Demographic Research Unit. Report P-3: Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento: California. July 2021.

Centers for Disease Control and Prevention, Division of Vital Statistics, Natality public-use data 2011-2020, on CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>.

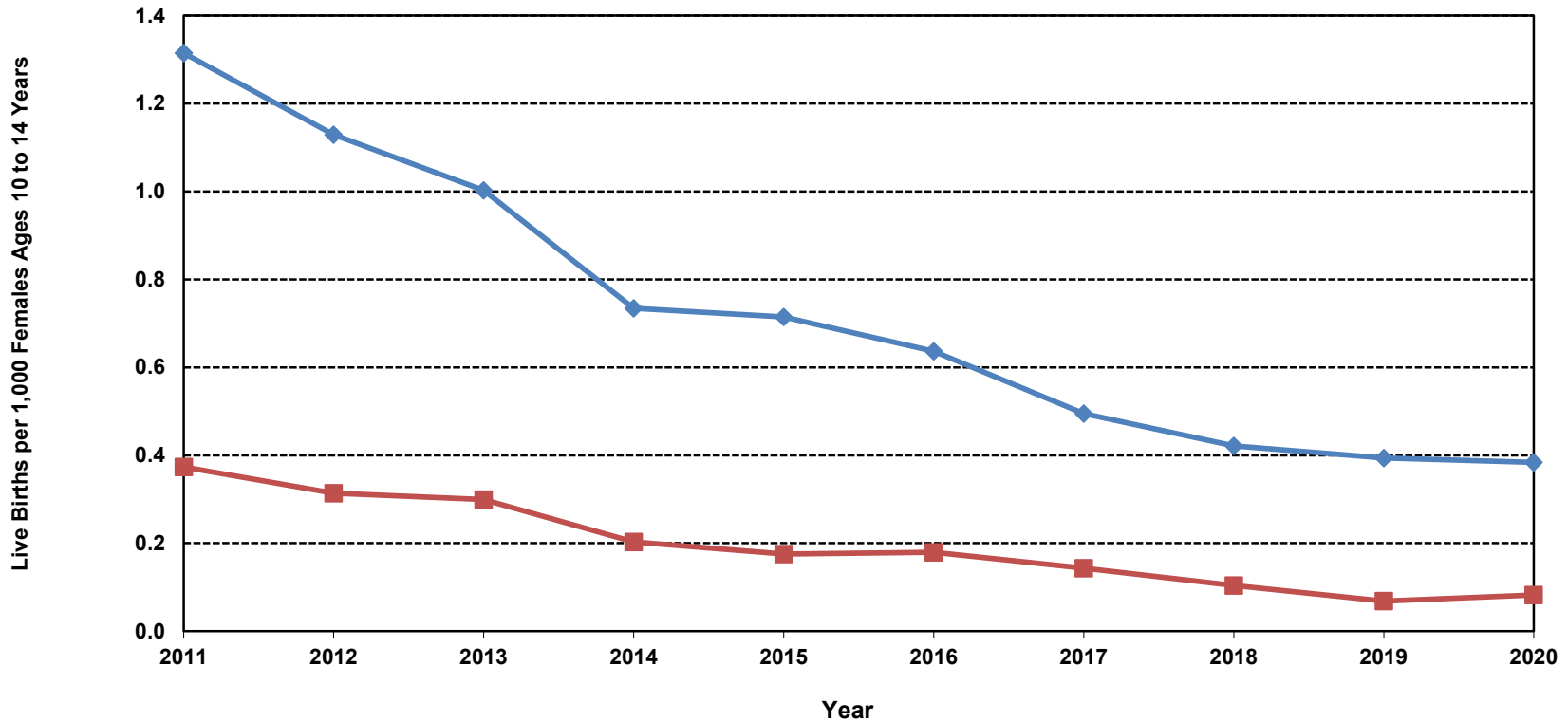
Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System. Data are from the Natality Records 2016-2020 on CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>

California Integrated Records System, 2018-2020

California Department of Public Health, Birth Statistical Master Files, 2011-2017

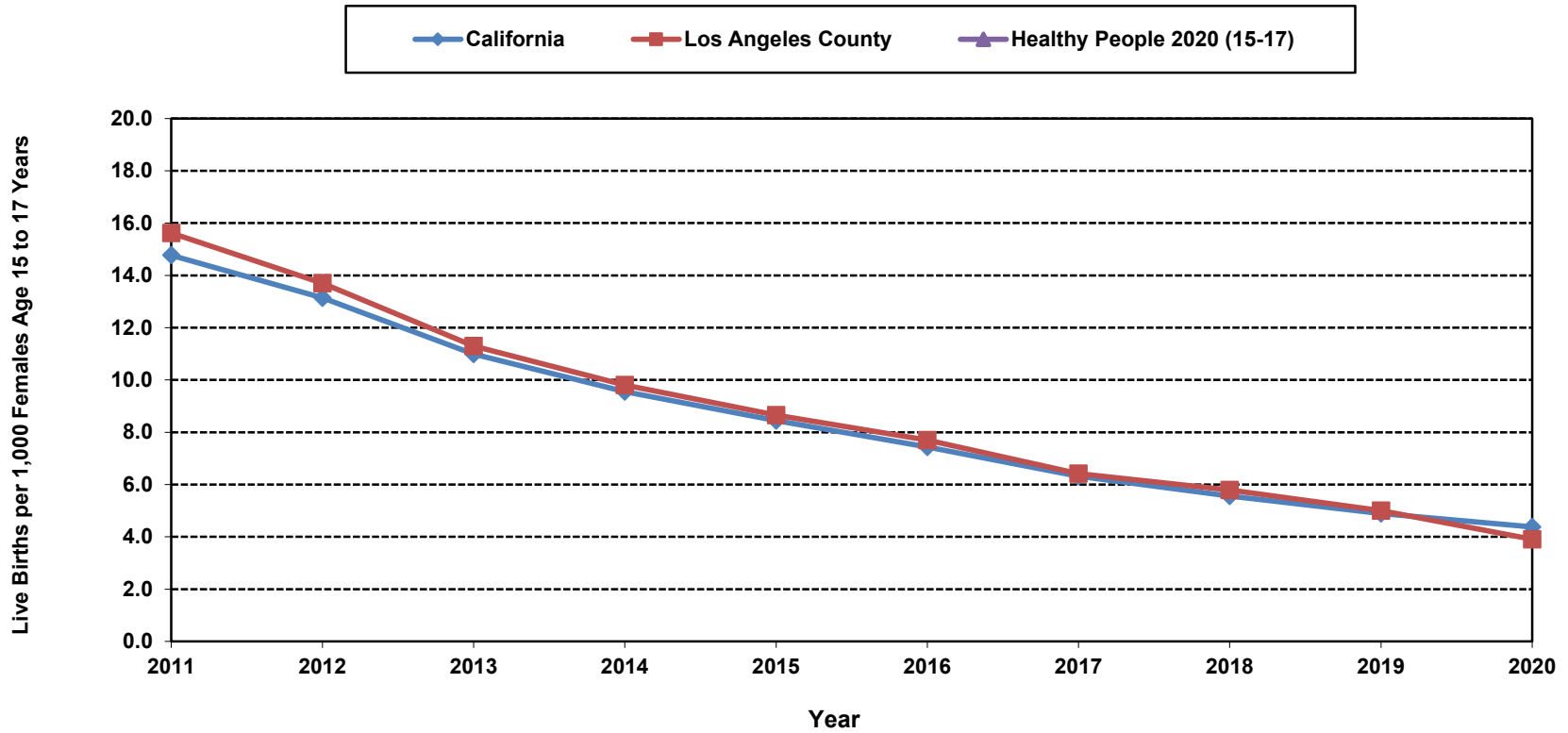
Live Birth Rate Among Females Under Age 15 California vs. Los Angeles County, 2011-2020

California Los Angeles County



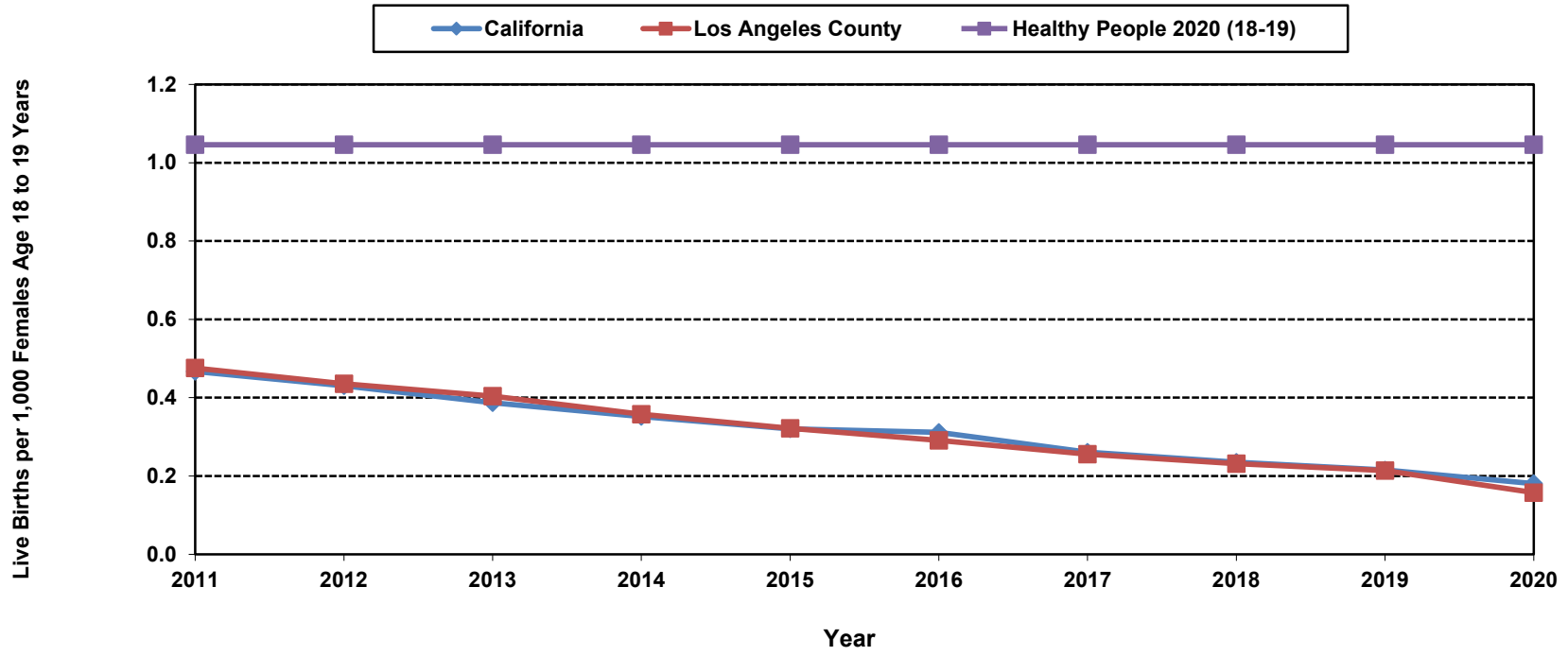
Sources: California Department of Finance, Report P1-C: Total Estimated and Projected Population for California by 5-Year Age Group and Sex: July 1, 2010 to July 1, 2060
California Department of Finance, Report P2-C: Total Estimated and Projected Population for California Counties by 5-Year Age Group and Sex: July 1, 2010 to July 1, 2060
California Integrated Records System, 2018-2020
California Department of Public Health, Birth Statistical Master Files, 2011-2017

**Live Birth Rate Among Females Ages 15 to 17
California vs. Los Angeles County, 2011-2020**



Sources: California Department of Finance. Demographic Research Unit. Report P-3: Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento: California. July 2021.
Centers for Disease Control and Prevention, Division of Vital Statistics, Natality public-use data 2011-2020, on CDC WONDER Online Database. Accessed at: <http://wonder.cdc.gov/natality-expanded-current.html>
California Integrated Records System, 2018-2020
California Department of Public Health, Birth Statistical Master Files, 2011-2017

Live Birth Rate Among Females Ages 18 to 19 California vs. Los Angeles County, 2011-2020

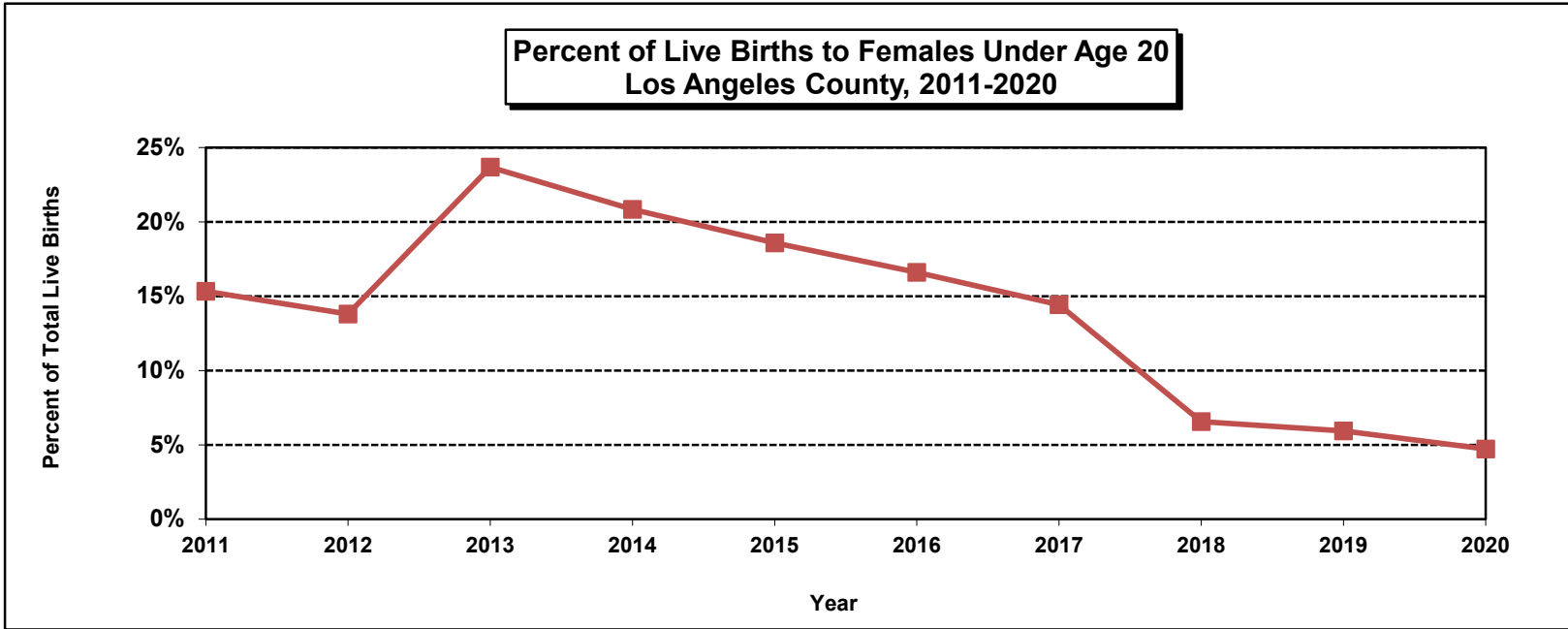


Sources: California Department of Finance. Demographic Research Unit. Report P-3: Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento: California. July 2021.

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California Integrated Records System, 2018-2020

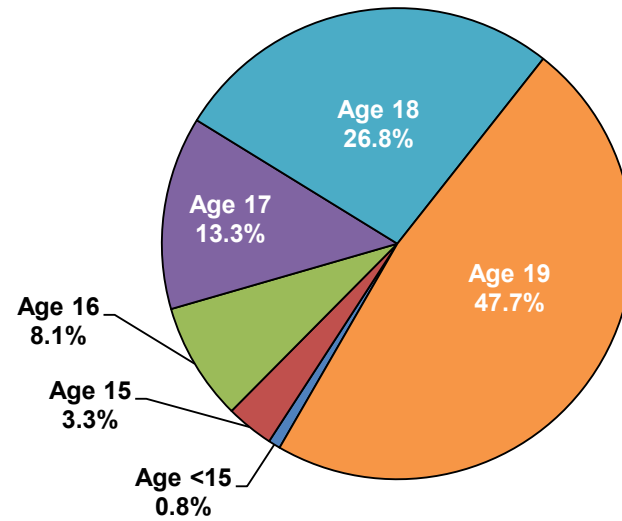
California Department of Public Health, Birth Statistical Master Files, 2011-2017



Los Angeles County, 2020			Denominator: Total Population of Females Under Age 20
Year	Live Births to Females Under Age 20		
	Number	Percent	
2011	10,480	15.3	684,065
2012	9,253	13.8	670,806
2013	8,147	23.7	344,060
2014	7,013	20.8	336,538
2015	6,128	18.6	329,769
2016	5,347	16.6	321,898
2017	4,665	14.4	323,573
2018	4,078	6.6	620,701
2019	3,654	5.9	615,453
2020	3,002	4.7	635,935

Sources: California Department of Finance, Report P2-C: Total Estimated and Projected Population for California Counties by 5-Year Age Group and Sex: July 1, 2010 to July 1, 2060
 California Integrated Records System, 2018-2020
 California Department of Public Health, Birth Statistical Master Files, 2011-2017

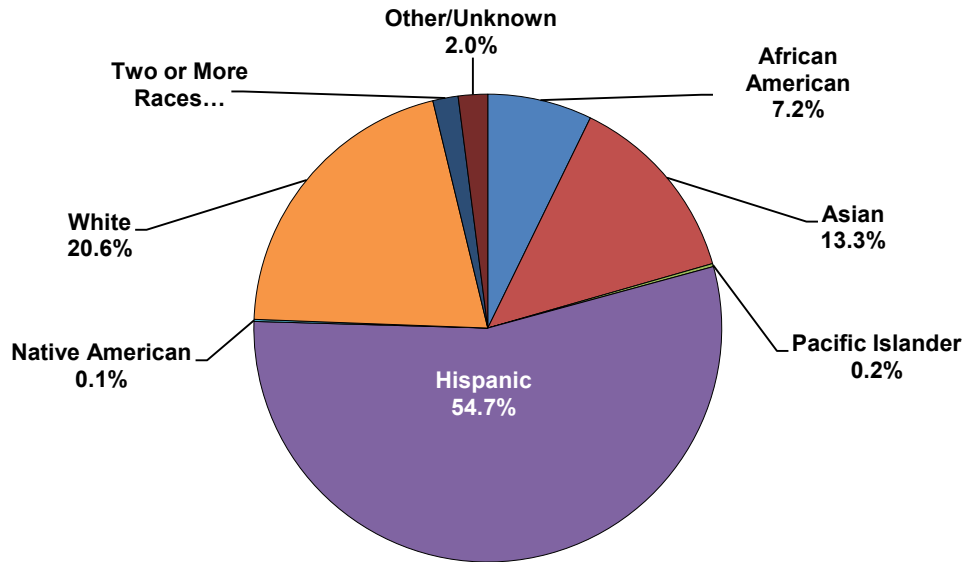
**Distribution of Live Births to Mother's Under Age 20
By Mother's Age
Los Angeles County, 2020**



Los Angeles County, 2020				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Age <15	25	0.8	0.5	1.2
Age 15	98	3.3	2.6	3.9
Age 16	243	8.1	7.1	9.1
Age 17	398	13.3	12.0	14.5
Age 18	806	26.8	25.3	28.4
Age 19	1,432	47.7	45.9	49.5
Total	3,002	100.0	100.0	100.0

Source: California Integrated Records System, 2020

**Distribution of Live Births to Mothers Under Age 20
by Mother's Race/Ethnicity
Los Angeles County, 2020**

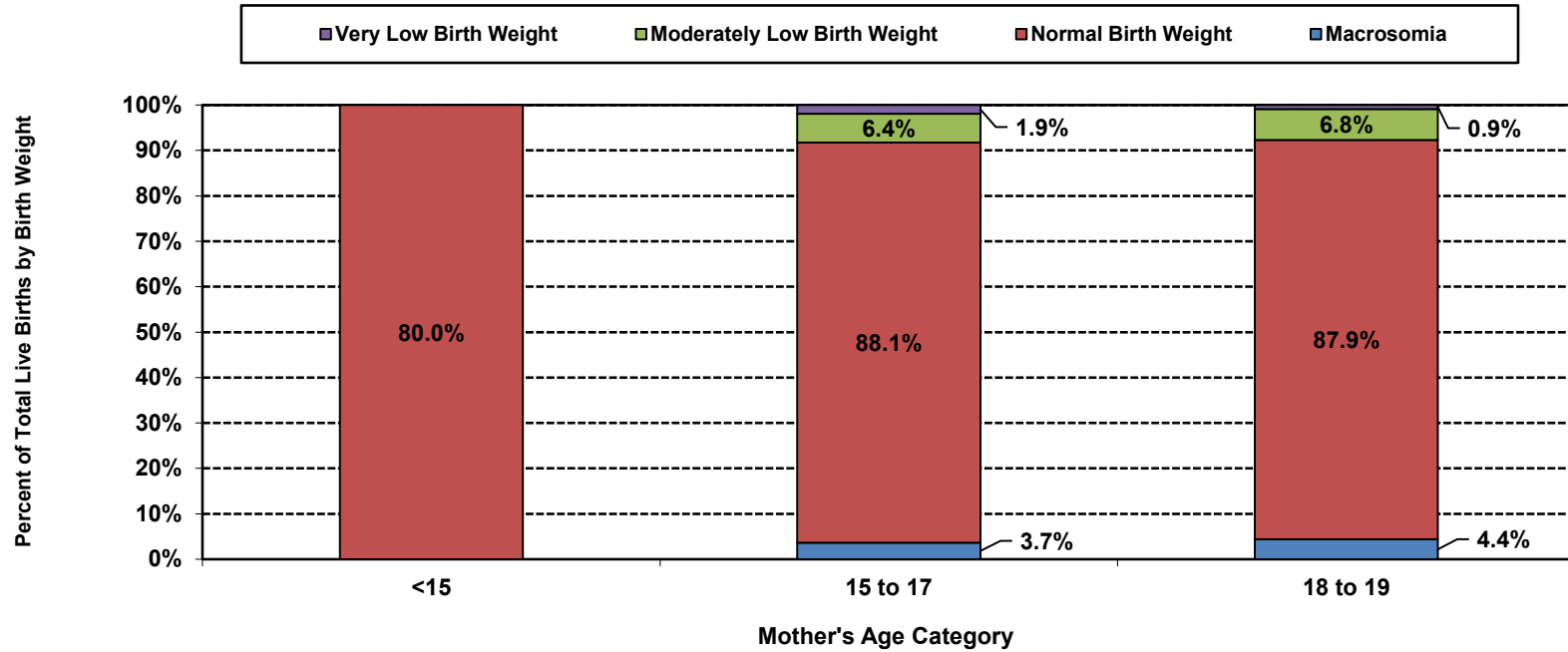


Mother's Race/Ethnicity	Los Angeles County, 2020								Denominator: Total Live Births Per Race/ Ethnicity Category
	Mother's Age								
	<15		15-17		18-19		<20		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	5	0.1	76	1.1	225	3.2	306	4.3	7,085
Asian	<5	N/C	<5	N/C	25	0.2	29	0.2	13,062
Pacific Islander	<5	N/C	<5	N/C	<5	N/C	<5	N/C	208
Hispanic	20	0.0	631	1.2	1,857	3.5	2,508	4.7	53,604
Native American	<5	N/C	<5	N/C	<5	N/C	5	3.6	139
White	<5	N/C	14	0.1	86	0.4	100	0.5	20,222
Two or More Races	<5	N/C	6	0.4	23	1.3	29	1.7	1,714
Other/Unknown	<5	N/C	5	0.3	16	0.8	21	1.1	1,987
Total	25	0.0	739	0.8	2,238	2.3	3,002	3.1	98,021

Source: California Integrated Records System, 2020

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

**Distribution of Live Births to Mothers Under Age 20
by Birthweight
Los Angeles County, 2020**



Los Angeles County, 2020									Denominator: Total Live Births Per Age Category
Mother's Age Category	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		Macrosomia		
	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	
<15	<5	N/C	<5	N/C	20	80.0	<5	N/C	25
15 to 17	14	1.9	47	6.4	651	88.1	27	3.7	739
18 to 19	20	0.9	153	6.8	1,967	87.9	98	4.4	2,238
Total	36	1.2	202	6.7	2,638	87.9	126	4.2	3,002

Source: California Integrated Records System, 2020

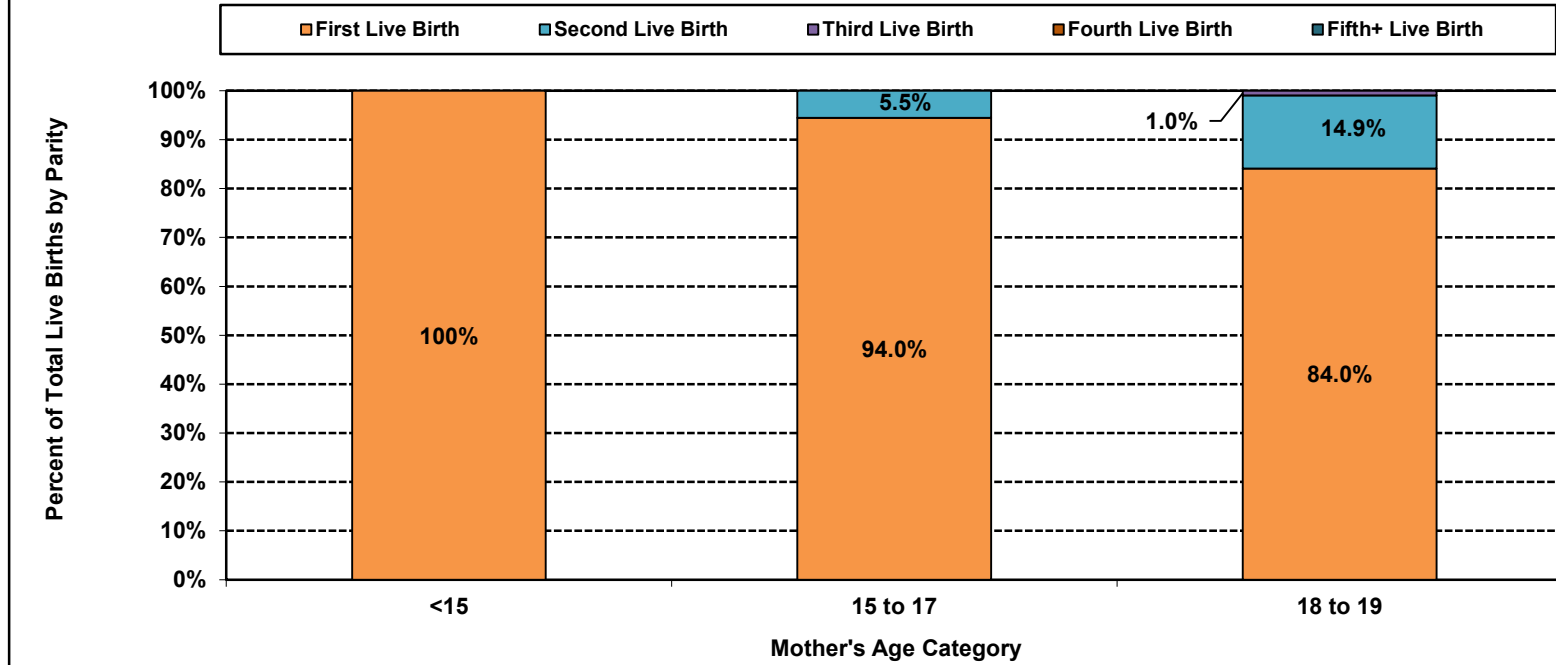
Notes: "Very Low Birthweight" is defined as weight less than 1,500 grams (3 pounds, 5 ounces) at birth.

"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 and percentages are not calculated (N/C) if number is fewer than five.

**Distribution of Live Births to Mothers Under Age 20
by Parity
Los Angeles County, 2020**



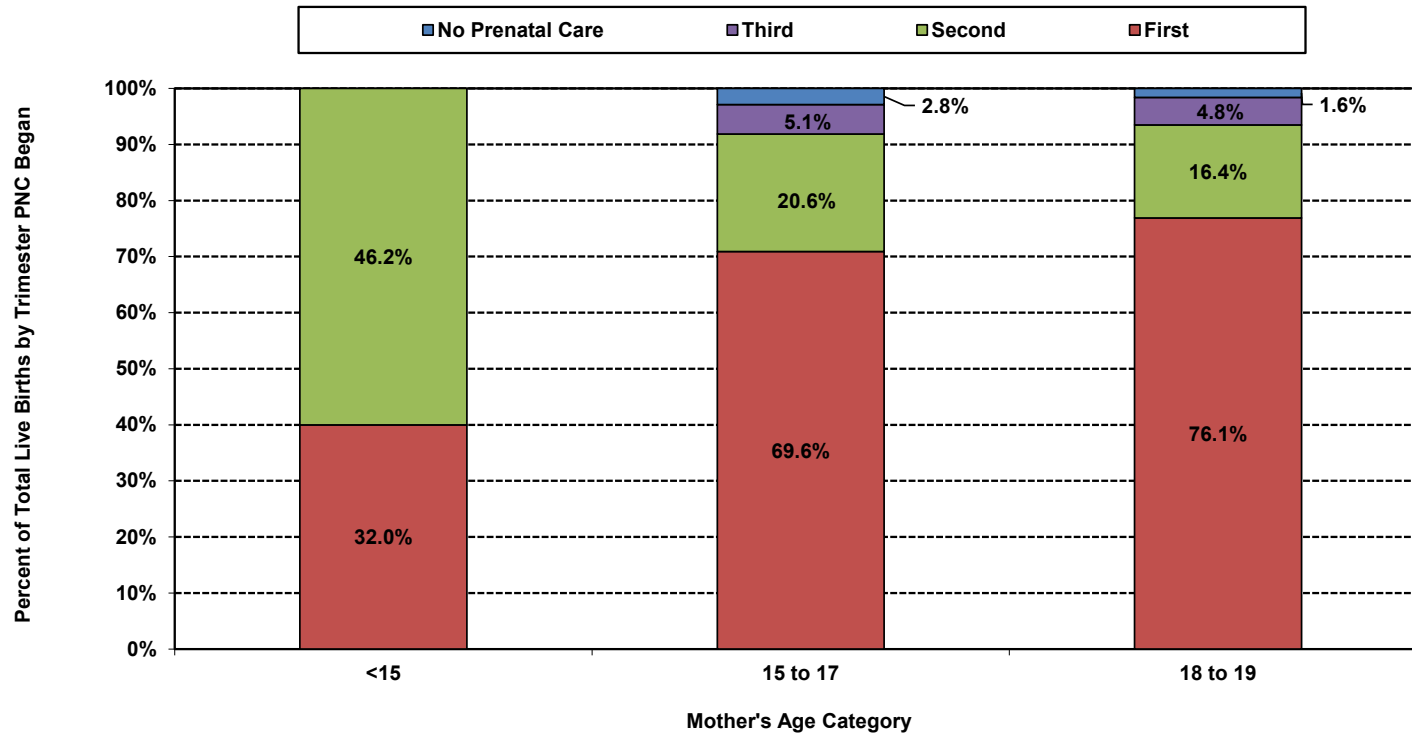
Los Angeles County, 2020													
Mother's Age Category	Parity												Denominator: Total Live Births Per Age Category
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<15	25	100.0	<5	N/C	<5	N/C	<5	N/C	<5	N/C	<5	N/C	25
15 to 17	695	94.0	41	5.5	<5	N/C	<5	N/C	<5	N/C	<5	N/C	739
18 to 19	1,880	84.0	333	14.9	22	1.0	<5	N/C	<5	N/C	<5	N/C	2,238
Total	2,600	86.6	374	12.5	25	0.8	<5	N/C	<5	N/C	<5	N/C	3,002

Source: California Integrated Records System, 2020

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 and percentages are not calculated (N/C) if number is fewer than five.

**Distribution of Live Births to Mothers Under Age 20
by Mother's Trimester Prenatal Care Began
Los Angeles County, 2020**



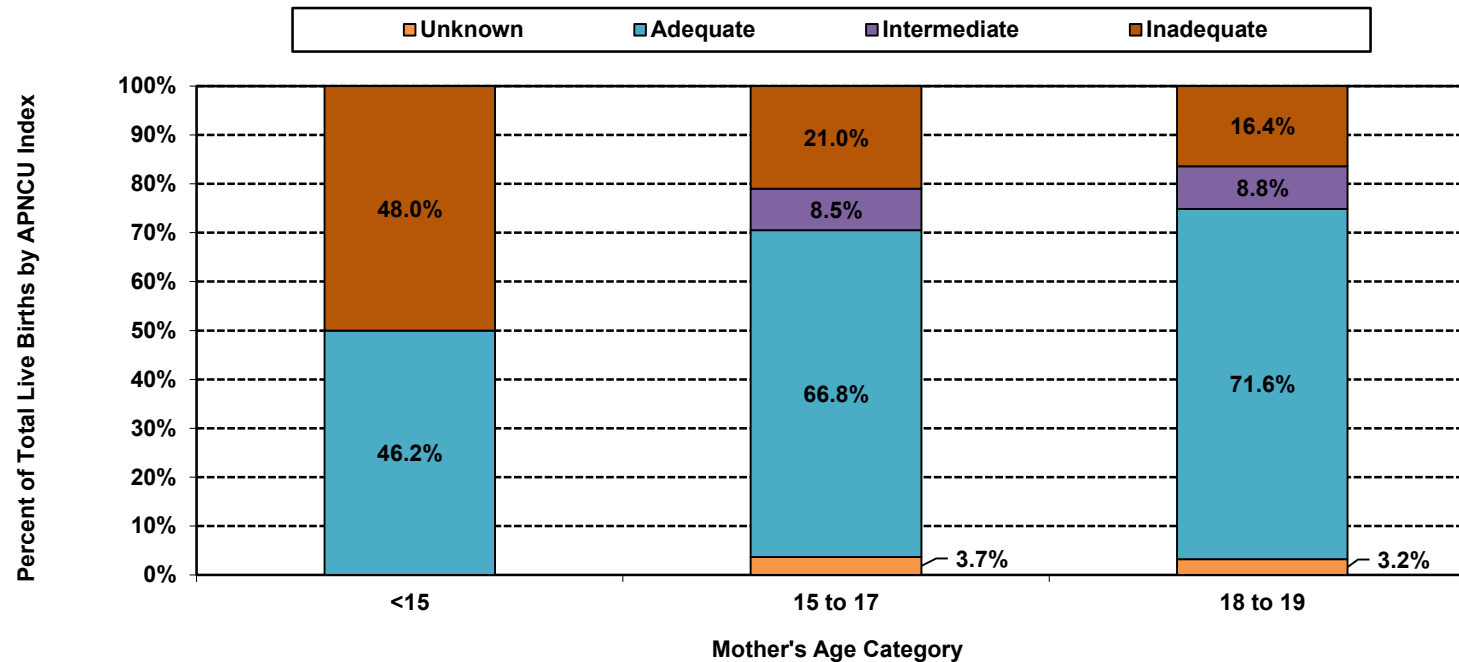
Los Angeles County, 2020											
Mother's Age Category	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown		Denominator: Total Live Births Per Age Category
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<15	<5	N/C	8	32.0	12	48.0	<5	N/C	<5	N/C	25
15 to 17	21	2.8	514	69.6	152	20.6	38	5.1	13	1.8	739
18 to 19	36	1.6	1,702	76.1	368	16.4	108	4.8	24	1.1	2,238
Total	59	2.0	2,224	74.1	532	17.7	149	5.0	37	1.2	3,002

Source: California Integrated Records System, 2020

Notes: "Trimester Prenatal Care (PNC) Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

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

**Distribution of Live Births to Mothers Under Age 20
by Adequacy of Prenatal Care Utilization Index (APNCU)
Los Angeles County, 2020**



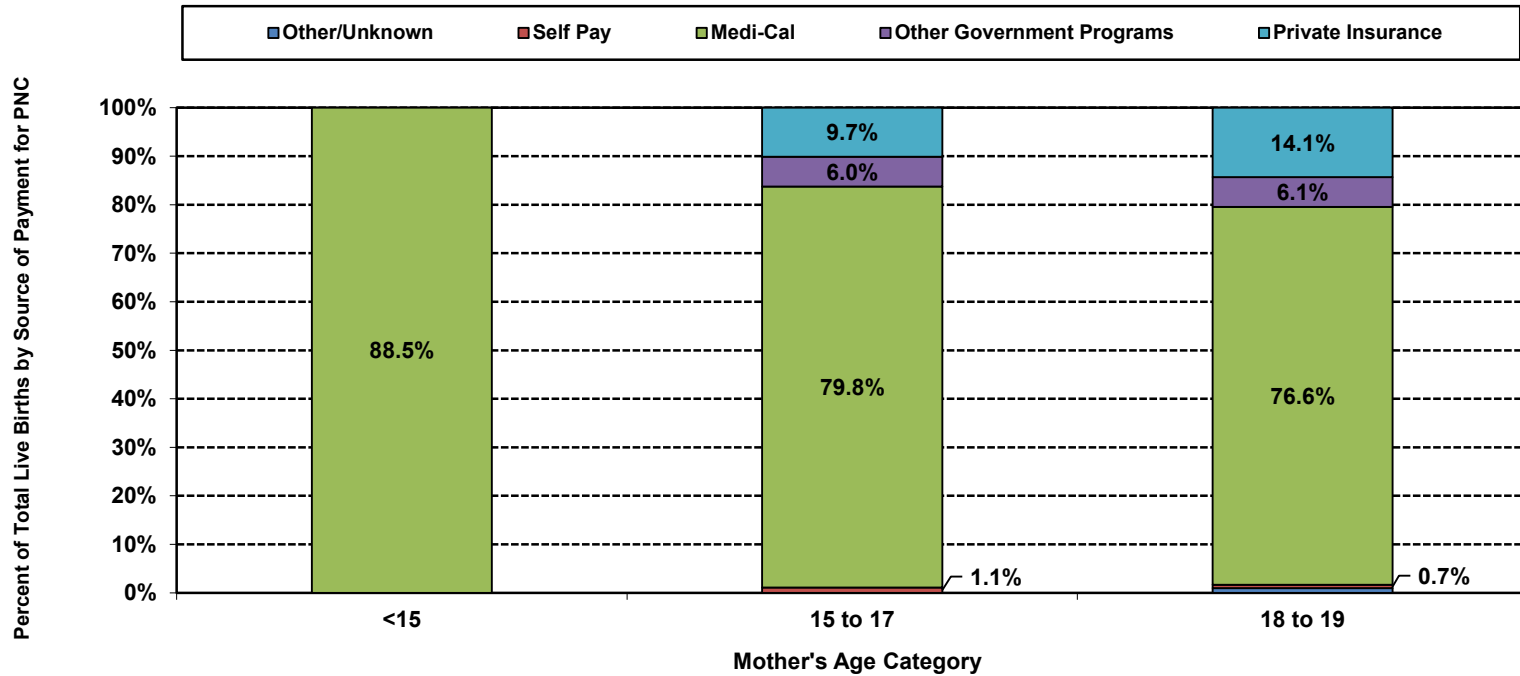
Los Angeles County, 2020									
Mother's Age Category	Adequacy of Prenatal Care Utilization Index								Denominator: Total Live Births Per Age Category
	Adequate		Intermediate		Inadequate		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<15	12	48.0	<5	N/C	12	48.0	<5	N/C	25
15 to 17	494	66.8	63	8.5	155	21.0	27	3.7	739
18 to 19	1,603	71.6	196	8.8	367	16.4	72	3.2	2,238
Total	2,109	70.3	260	8.7	534	17.8	99	3.3	3,002

Source: California Integrated Records System, 2020

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 and percentages are not calculated (N/C) if number is fewer than five.

**Distribution of Live Births to Mothers Under Age 20
by Source of Payment for Prenatal Care
Los Angeles County, 2020**



Los Angeles County, 2020											
Mother's Age Category	Source of Payment for Prenatal Care										Denominator: Total Live Births Per Age Category
	Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<15	<5	N/C	<5	N/C	23	92.0	<5	N/C	<5	N/C	25
15 to 17	72	9.7	44	6.0	590	79.8	8	1.1	<5	N/C	739
18 to 19	315	14.1	136	6.1	1,714	76.6	16	0.7	21	0.9	2,238
Total	387	12.9	180	6.0	2,327	77.5	24	0.8	25	0.9	3,002

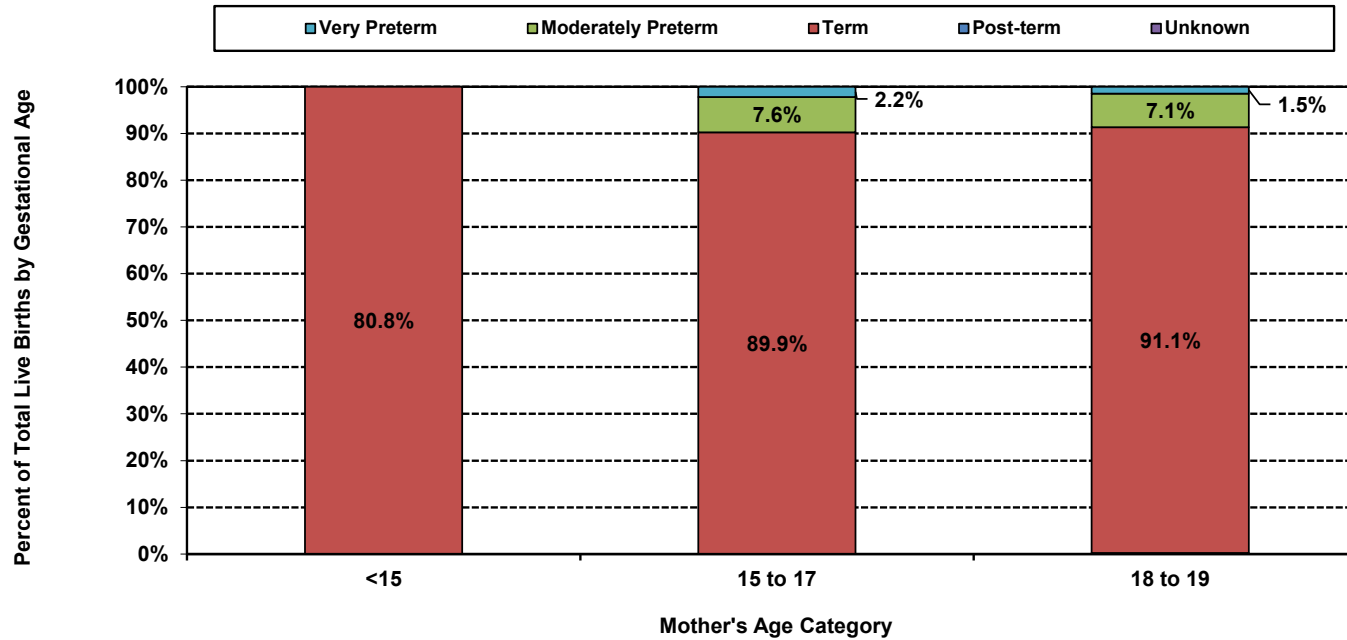
Source: California Integrated Records System, 2020

"Source of Payment for Prenatal Care (PNC)" excludes the prenatal care experiences of all women whose

Notes: pregnancies did not result in a live birth.

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

**Distribution of Live Births to Mothers Under Age 20
by Gestational Age
Los Angeles County, 2020**



Los Angeles County, 2020											
Mother's Age Category	Very Preterm		Moderately Preterm		Term		Post-term		Gestational Age Unknown		Denominator: Total Live Births Per Age Category
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<15	<5	N/C	<5	N/C	21	84.0	<5	N/C	<5	N/C	25
15 to 17	16	2.2	56	7.6	664	89.9	<5	N/C	<5	N/C	739
18 to 19	33	1.5	160	7.1	2,038	91.1	5	0.2	<5	N/C	2,238
Total	51	1.7	218	7.3	2,723	90.7	8	0.3	<5	N/C	3,002

Source: California Integrated Records System, 2020

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.

"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.

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