

Teen Fertility Rate

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INDICATOR: Fertility Rate Among Girls

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 (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

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

HEALTHY PEOPLE 2010 OBJECTIVE:
Reduce pregnancies among adolescent females to no more than 43 pregnancies per 1,000 adolescents. (Baseline: 68 pregnancies per 1,000 females aged 15 to 17 years in 1996) (Objective 9-7)

HEALTHY PEOPLE 2020 OBJECTIVE:
Reduce pregnancies among adolescent females to no more than 36 pregnancies per 1,000 adolescents. (Baseline: 40.2 pregnancies per 1,000 females aged 15 to 17 years in 2005) (Objective FP-8.1)

RISK FACTORS: Low income; low maternal education level; race/ethnicity (African American, Hispanic); lack of effective contraceptive use/family planning practices; lack of education/counseling regarding contraceptive use/family planning; previous teen pregnancy; initiation of sexual activity at a young age

Births to adolescent females less than 15 years of age

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2006	681	0.5	0.4	0.5	193	0.5	0.4	0.5
2007	663	0.5	0.4	0.5	199	0.5	0.4	0.6
2008	624	0.5	0.4	0.4	167	0.4	0.4	0.5
2009	548	0.4	0.4	0.4	132	0.4	0.3	0.4
2010	433	0.3	0.3	0.4	112	0.3	0.3	0.4
2011	426	0.3	0.3	0.4	121	0.4	0.3	0.4
2012	360	0.3	0.2	0.3	100	0.3	0.3	0.4
2013	315	0.3	0.2	0.3	94	0.3	0.2	0.4
2014	#N/A	#N/A	#N/A	#N/A	63	0.2	0.2	0.3
2015	#N/A	#N/A	#N/A	#N/A	54	0.2	0.1	0.2

Year	Denominator: Females < 15 (i.e. 10 - 14)	
	California	LA County
2006	1,417,905	418,942
2007	1,393,013	406,685
2008	1,363,925	391,222
2009	1,335,841	376,143
2010	1,265,015	331,743
2011	1,249,246	322,090
2012	1,234,103	314,768
2013	1,226,735	309,244
2014	1,224,971	305,147
2015	1,225,806	301,877

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

California data for 2014-2015 was unavailable at the time of this report

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2014.

2010 Census Summary File 1 - California: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

2010 Census Summary File 1 - Los Angeles: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

INDICATOR:

Fertility Rate Among Girls (continued)

Births to adolescent females 15 to 17 years of age

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2006	17,208	20.0	19.7	20.3	4,990	20.8	20.2	21.4
2007	17,582	19.9	19.6	20.2	5,090	20.2	19.6	20.7
2008	17,008	19.1	18.9	19.4	4,888	18.9	18.4	19.5
2009	15,418	17.5	17.2	17.7	4,407	17.1	16.6	17.6
2010	13,308	16.4	16.2	16.7	3,770	17.4	16.8	17.9
2011	11,839	14.8	14.5	15.0	3,310	15.6	15.1	16.2
2012	10,359	13.1	12.9	13.4	2,833	13.7	13.2	14.2
2013	8,525	11.0	10.8	11.2	2,271	11.3	10.8	11.8
2014	#N/A	#N/A	#N/A	#N/A	1,924	9.8	9.4	10.2
2015	#N/A	#N/A	#N/A	#N/A	1,670	8.7	8.2	9.1

Denominator: Female 15-17		
Year	California	LA County
2006	858,626	240,021
2007	882,026	252,423
2008	888,169	258,257
2009	883,101	257,677
2010	809,880	216,776
2011	801,527	211,853
2012	788,279	206,709
2013	775,563	200,991
2014	766,985	196,156
2015	763,037	193,040

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

California data for 2014-2015 was unavailable at the time of this report

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

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2010 Census Summary File 1 - Los Angeles: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

INDICATOR:

Fertility Rate Among Girls (continued)

Births to adolescent females 18 to 19 years of age

Year	California				Los Angeles County			
	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2006	35,562	66.3	65.6	67.0	9,804	69.9	68.5	71.2
2007	35,811	64.3	63.7	65.0	9,643	65.7	64.4	66.9
2008	34,696	59.6	59.0	60.2	9,223	58.9	57.8	60.1
2009	32,393	53.5	53.0	54.1	8,739	52.3	51.2	53.3
2010	29,819	53.3	52.8	53.9	7,907	52.1	51.0	53.2
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	#N/A	#N/A	#N/A	#N/A	5,026	35.8	34.8	36.8
2015	#N/A	#N/A	#N/A	#N/A	4,404	32.2	31.3	33.1

Denominator: Female 18-19		
Year	California	LA County
2006	536,479	140,318
2007	556,714	146,883
2008	582,102	156,518
2009	605,106	167,250
2010	558,978	151,843
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

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

California data for 2014-2015 was unavailable at the time of this report

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

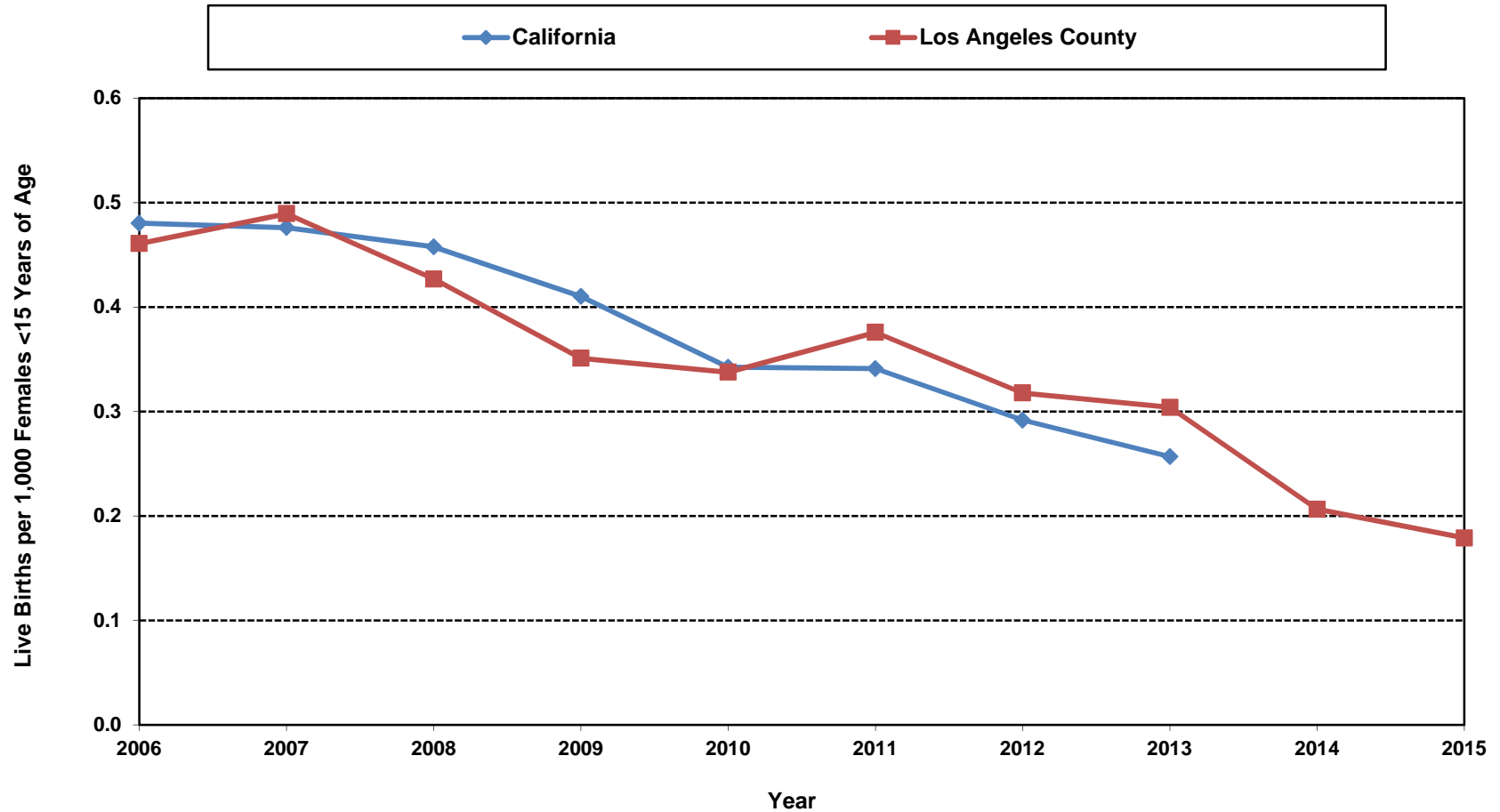
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2014.

2010 Census Summary File 1 - California: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

2010 Census Summary File 1 - Los Angeles: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

**Live Births per 1,000 Adolescent Females Less Than 15 Years of Age
California vs. Los Angeles County, 2006-2015**



Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

California data for 2014-2015 was unavailable at the time of this report

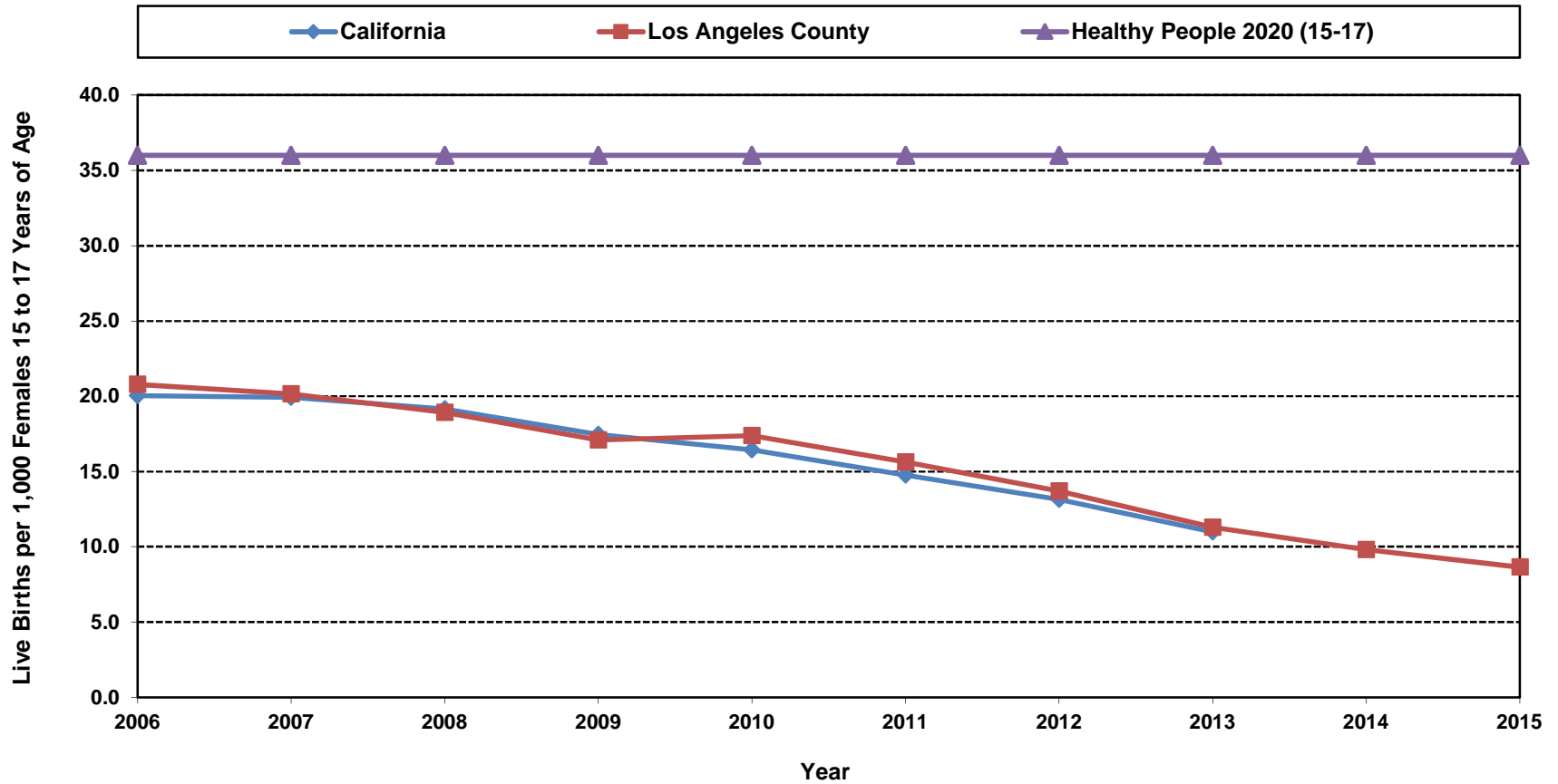
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2014.

2010 Census Summary File 1 - California: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

2010 Census Summary File 1 - Los Angeles: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

Live Births per 1,000 Adolescent Females 15 to 17 Years of Age California vs. Los Angeles County, 2006-2015



Year 2020 Objective: Reduce pregnancies among adolescent females to no more than 36 pregnancies per 1,000 adolescents

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

California data for 2014-2015 was unavailable at the time of this report

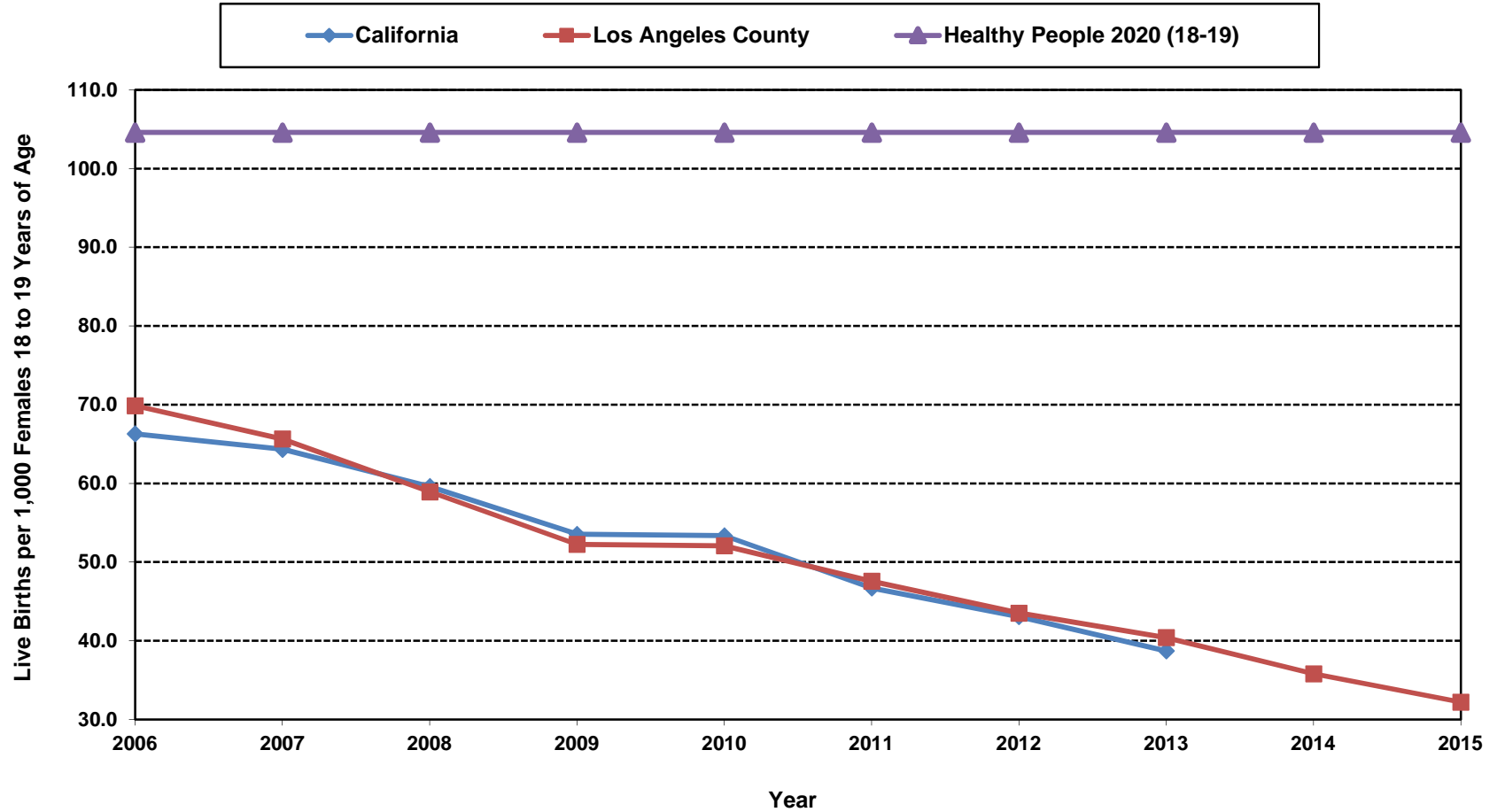
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2014.

2010 Census Summary File 1 - California: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

2010 Census Summary File 1 - Los Angeles: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

**Live Births per 1,000 Adolescent Females 18 to 19 Years of Age
California vs. Los Angeles County, 2006-2015**



Year 2020

Objective: Reduce pregnancies among adolescent females aged 18 to 19 years to no more than 104.6 pregnancies per 1,000 adolescents.

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

California data for 2014-2015 was unavailable at the time of this report

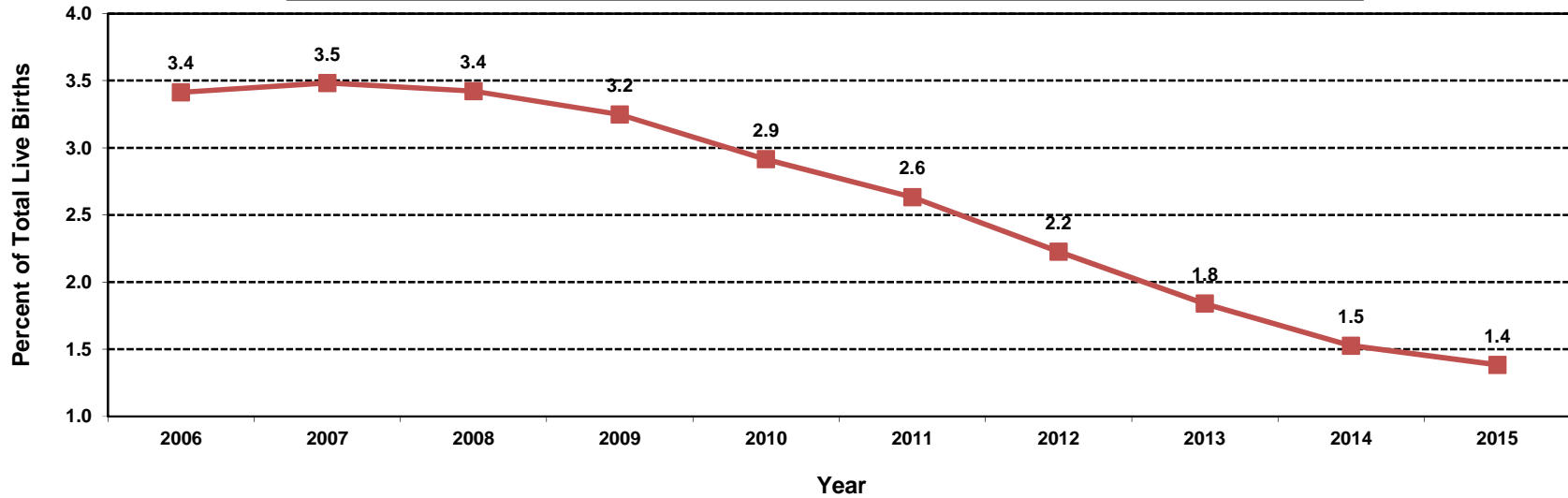
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2014.

2010 Census Summary File 1 - California: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

2010 Census Summary File 1 - Los Angeles: Single Years of Age and Sex: 2010, Prepared by the Census Bureau, 2011.

**Live Births to Mothers Less Than 18 Years of Age, as Percent of Total Live Births
Los Angeles County, 2006-2015**

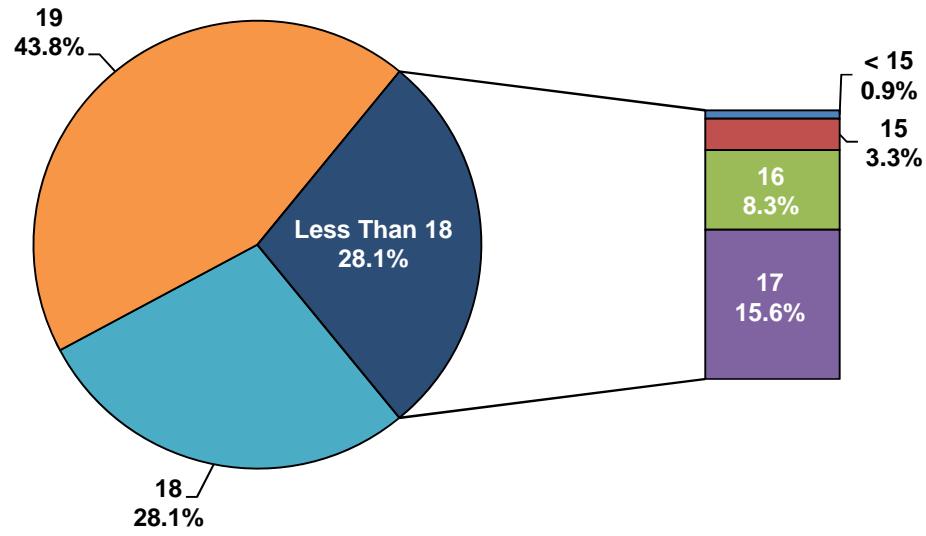


Los Angeles County, 2006-2015		
Year	Live Births to Mothers < 18 Years of Age	
	Number	Percent
2006	5,183	3.4
2007	5,289	3.5
2008	5,055	3.4
2009	4,539	3.2
2010	3,882	2.9
2011	3,431	2.6
2012	2,933	2.2
2013	2,365	1.8
2014	1,987	1.5
2015	1,724	1.4

Denominator: Total Live Births
151,837
151,813
147,684
139,679
133,160
130,313
131,697
128,523
130,150
124,507

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2006-2015.

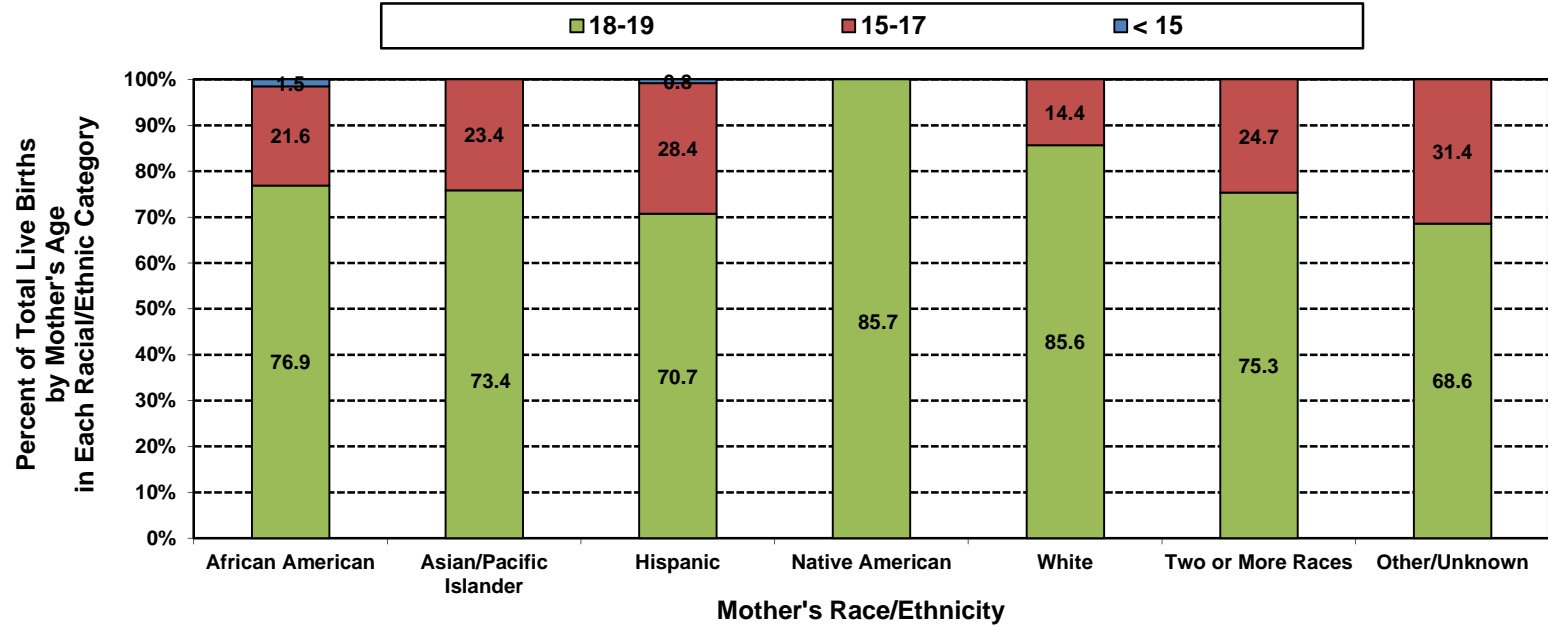
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Mother's Age
Los Angeles County, 2015**



Los Angeles County, 2015				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 15	54	0.9	0.6	1.1
15	201	3.3	2.8	3.7
16	511	8.3	7.6	9.0
17	958	15.6	14.7	16.5
18	1,723	28.1	27.0	29.2
19	2,681	43.8	42.5	45.0
Total	6,128	100.0	100.0	100.0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Mother's Age and by Mother's Race/Ethnicity
Los Angeles County, 2015**



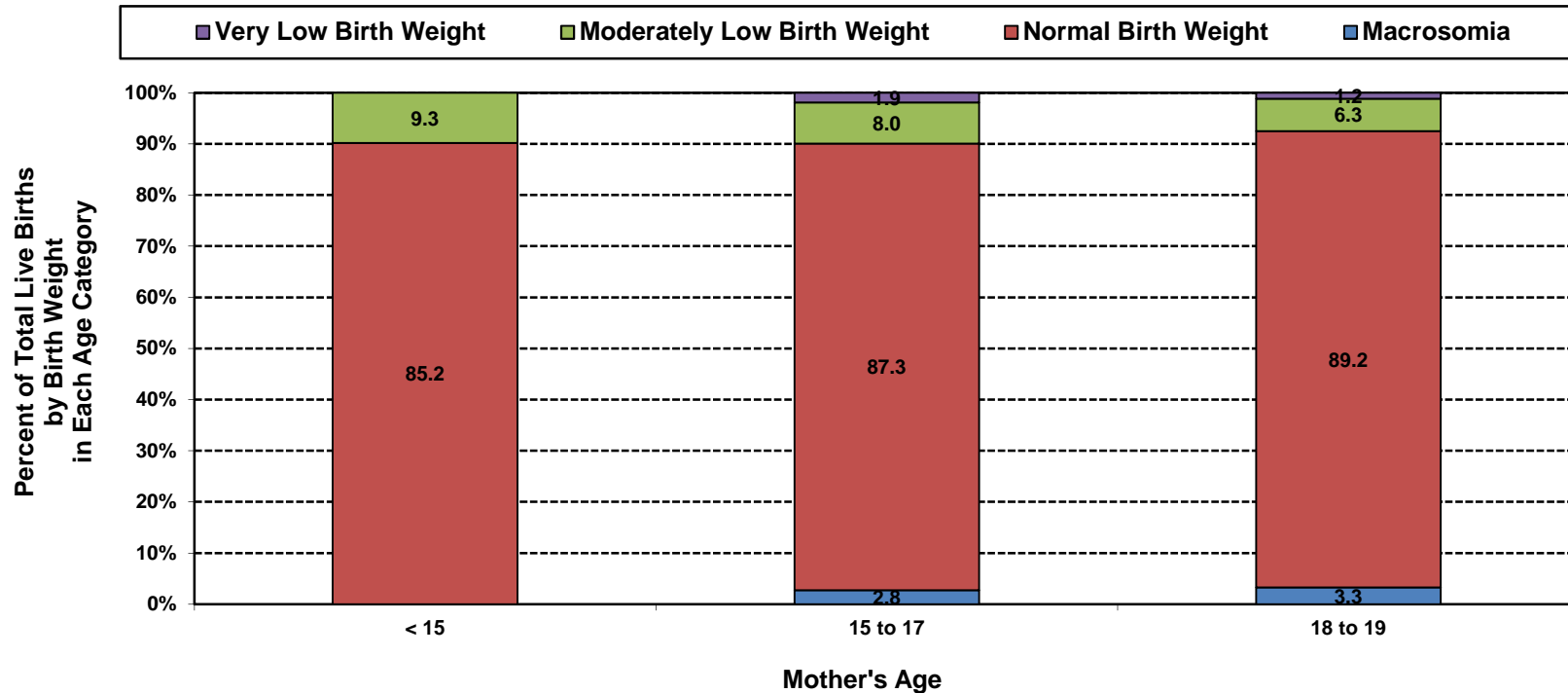
Los Angeles County, 2015						
Mother's Race/Ethnicity	Mother's Age					
	< 15		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent
African American	9	1.5	128	21.6	456	76.9
Asian/Pacific Islander	<5	N/C	15	23.4	47	73.4
Hispanic	43	0.8	1,469	28.4	3,652	70.7
Native American	<5	N/C	<5	N/C	6	85.7
White	<5	N/C	27	14.4	161	85.6
Two or More Races	<5	N/C	19	24.7	58	75.3
Other/Unknown	<5	N/C	11	31.4	24	68.6
Total	54	0.9	1,670	27.3	4,404	71.9

Total Live Births
593
64
5,164
7
188
77
35
6,128

Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate". African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category. Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Birth Weight and by Mother's Age
Los Angeles County, 2015**



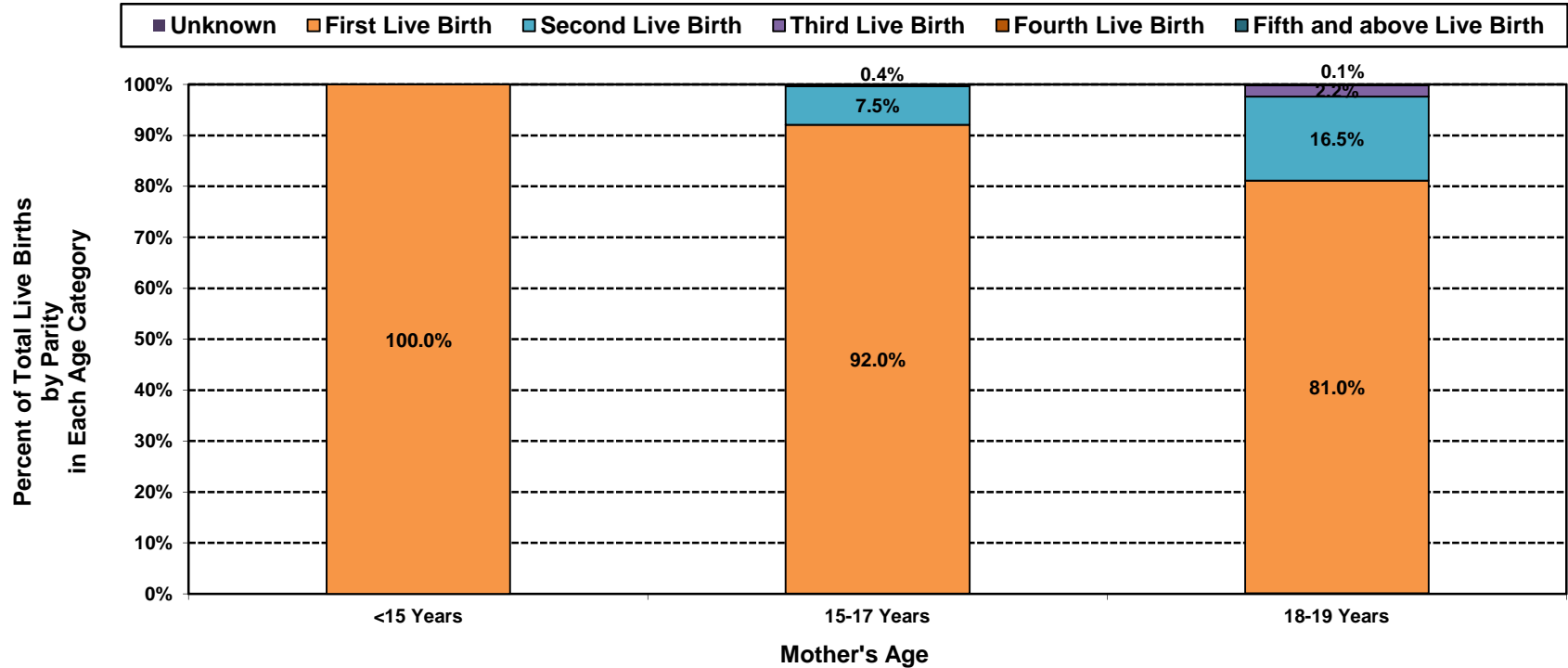
Los Angeles County, 2015									
Mother's Age	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		Macrosomia		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	<5	N/C	5	9.3	46	85.2	<5	N/C	54
15 to 17	32	1.9	134	8.0	1,458	87.3	46	2.8	1,670
18 to 19	51	1.2	279	6.3	3,929	89.2	145	3.3	4,404
Total	85	1.4	418	6.8	5,433	88.7	192	3.1	6,128

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

This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Parity and by Mother's Age
Los Angeles County, 2015**



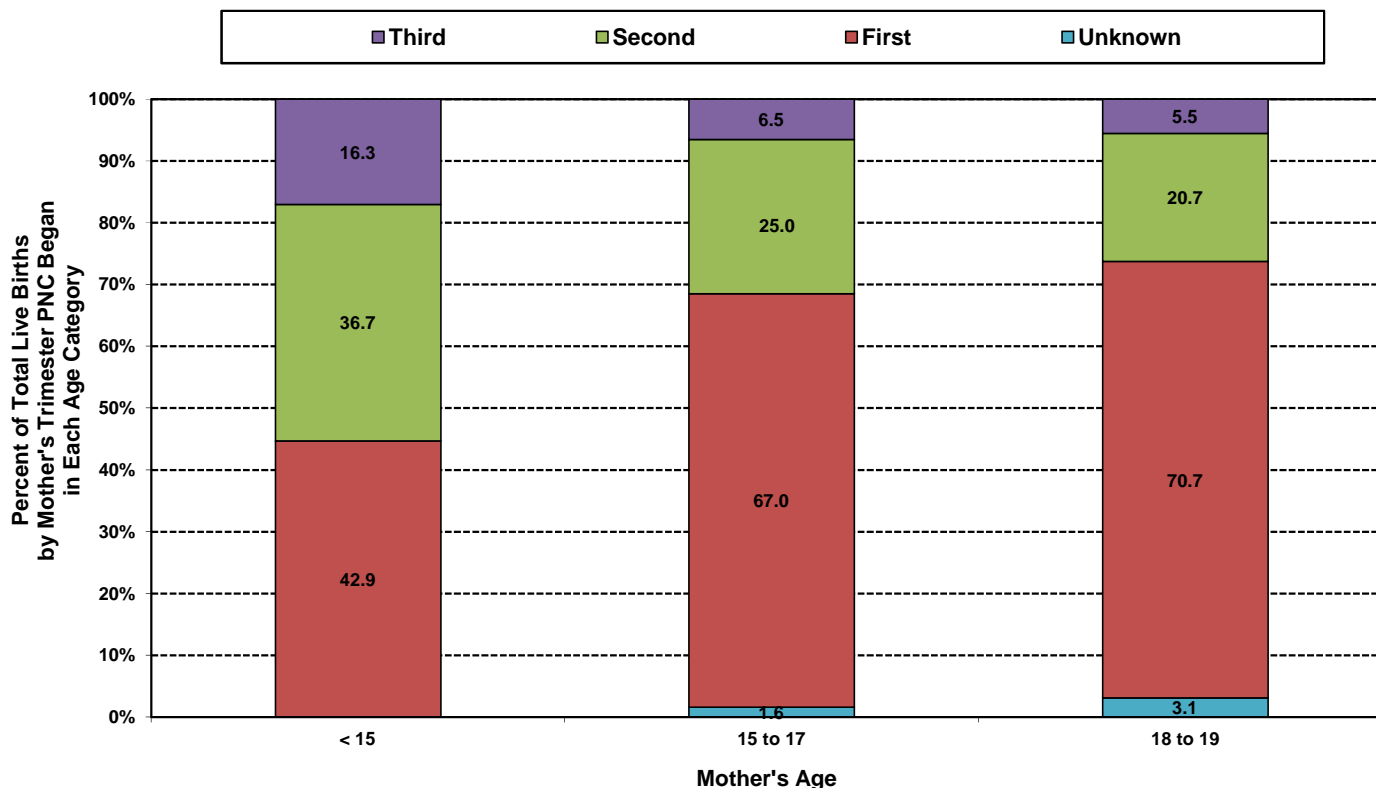
Los Angeles County, 2015													
Mother's Age	Parity											Total Live Births	
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number		Percent
< 15	54	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	54
15 to 17	1,537	92.0	126	7.5	6	0.4	<5	N/C	<5	N/C	<5	N/C	1,670
18 to 19	3,569	81.0	726	16.5	99	2.2	6	0.1	<5	N/C	<5	N/C	4,404
Total	5,160	84.2	852	13.9	105	1.7	6	0.1	<5	N/C	5	0.1	6,128

Note: Parity = 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 Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Mother's Trimester Prenatal Care (PNC) Began and by Mother's Age
Los Angeles County, 2015**



Los Angeles County, 2015									
Mother's Age	Mother's Trimester Prenatal Care Began							Unknown	
	First		Second		Third		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
< 15	21	42.9	18	36.7	8	16.3	<5	N/C	
15 to 17	1,100	67.0	410	25.0	107	6.5	26	1.6	
18 to 19	3,077	70.7	902	20.7	241	5.5	134	3.1	
Total	4,198	69.4	1,330	22.0	356	5.9	162	2.7	

Total Live Births
49
1,643
4,354
6,046

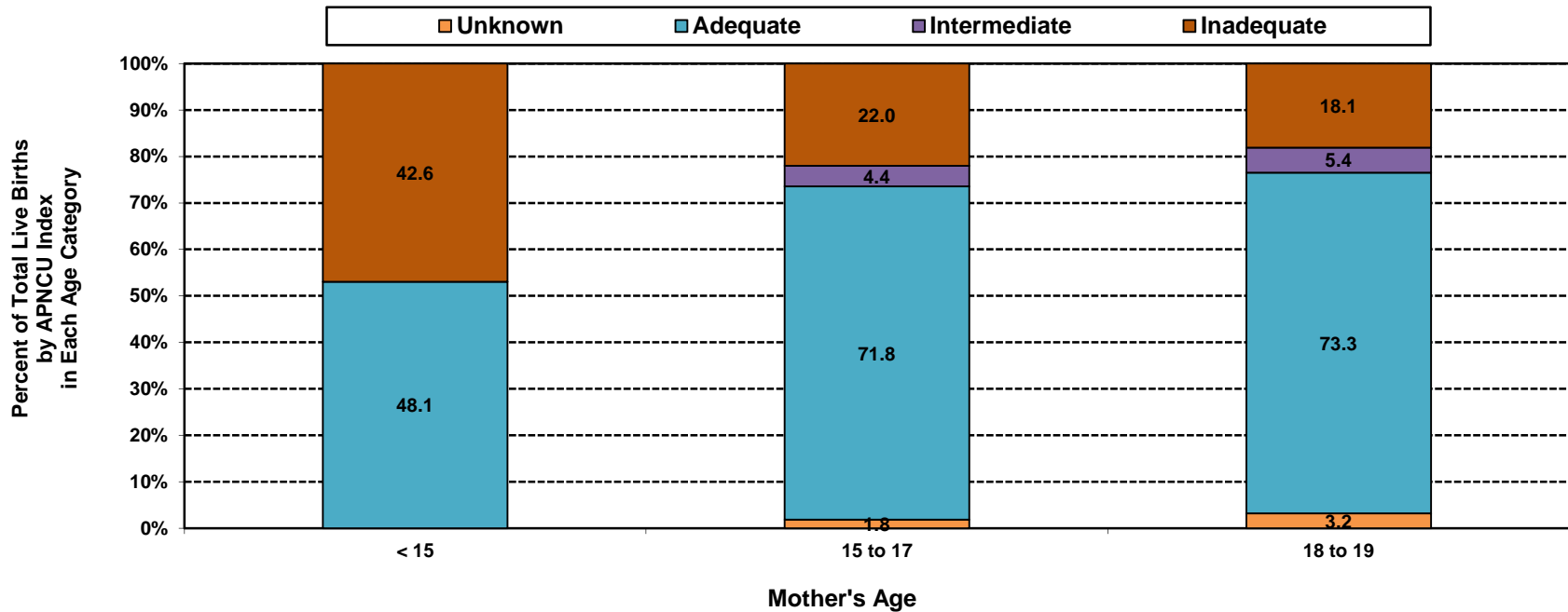
Year 2020 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.9 percent of live births.

Note: "Trimester Prenatal Care (PNC) Began" excludes women who did not receive prenatal care (n=82) and 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 are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Adequacy of Prenatal Care Utilization Index and by Mother's Age
Los Angeles County, 2015**



Los Angeles County, 2015								
Mother's Age	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 15	26	48.1	<5	N/C	23	42.6	<5	N/C
15 to 17	1,199	71.8	73	4.4	368	22.0	30	1.8
18 to 19	3,229	73.3	239	5.4	796	18.1	140	3.2
Total	4,454	72.7	314	5.1	1,187	19.4	173	2.8

Total Live Births
54
1,670
4,404
6,128

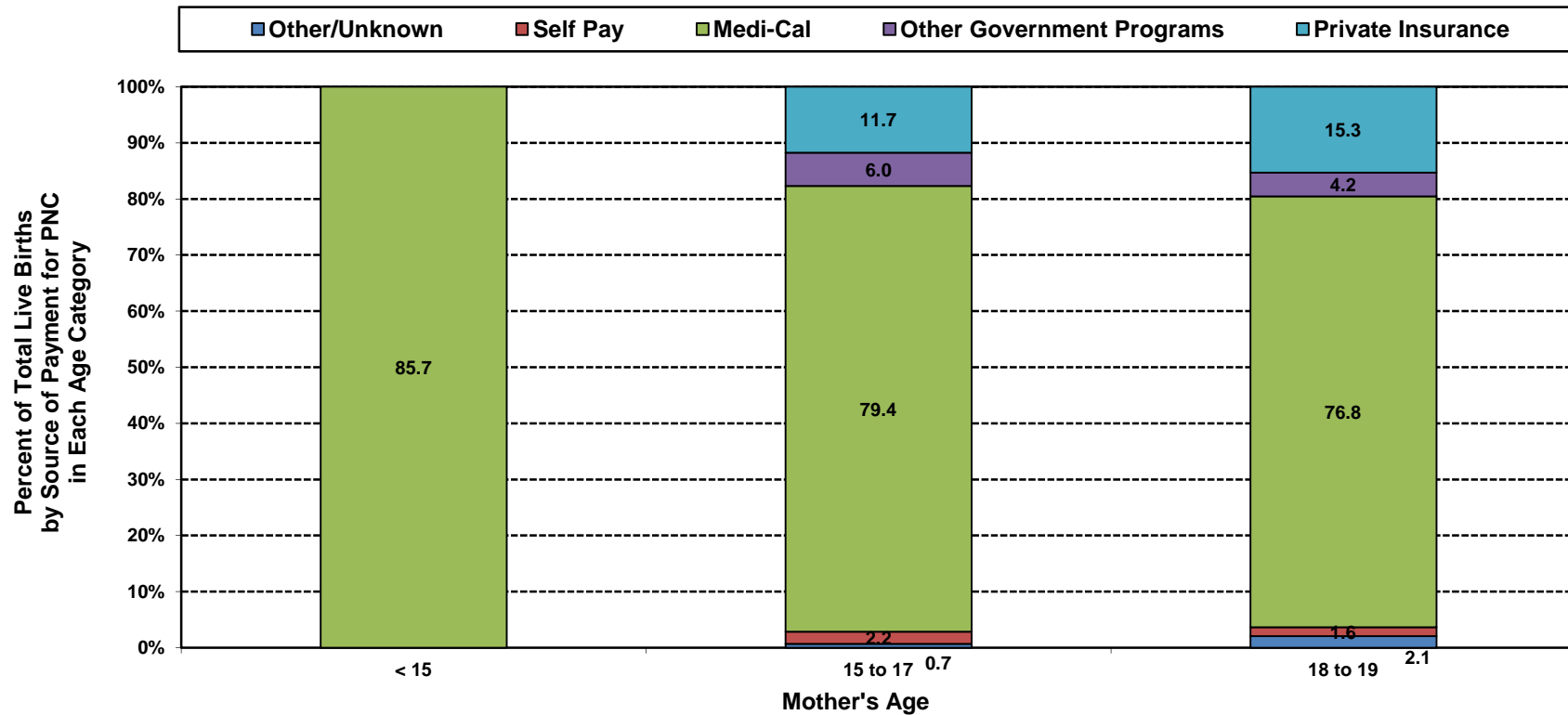
Year 2020 Objectives: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.9 percent of live births.

Note: 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). Appendix A contains the specific criteria for timing and number of prenatal care visits that are used to assign adequacy categories.

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

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Source of Payment for Prenatal Care (PNC) and by Mother's Age
Los Angeles County, 2015**

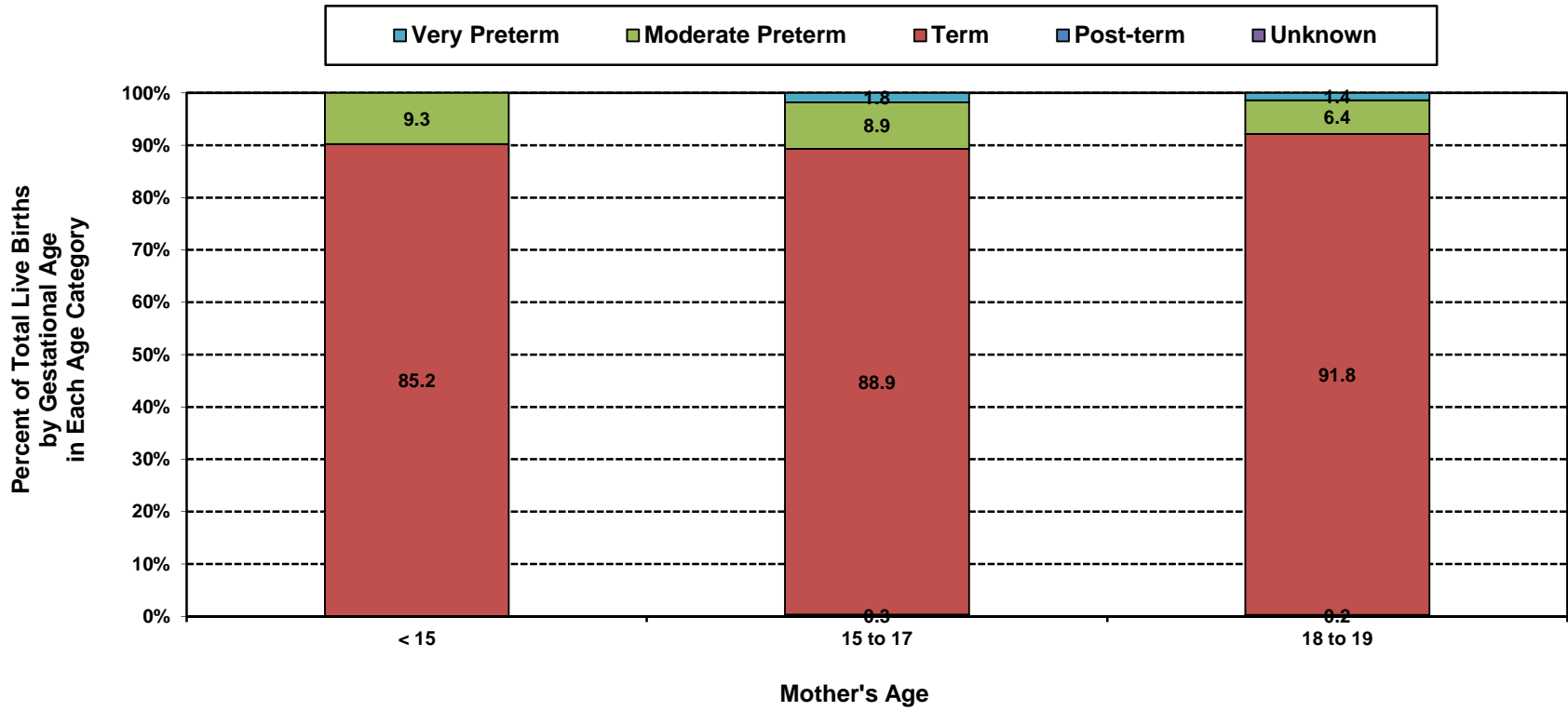


Los Angeles County, 2015										
Mother's Age	Source of Payment for Prenatal Care									
	Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 15	<5	N/C	<5	N/C	42	85.7	<5	N/C	<5	N/C
15 to 17	193	11.7	98	6.0	1,305	79.4	36	2.2	11	0.7
18 to 19	666	15.3	184	4.2	3,344	76.8	70	1.6	90	2.1
Total	862	14.3	285	4.7	4,691	77.6	107	1.8	101	1.7

Total Live Births
49
1,643
4,354
6,046

Note: "Source of Payment for Prenatal Care (PNC)" excludes mothers who had no prenatal care (N=82).
 Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.
 Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Gestational Age and by Mother's Age
Los Angeles County, 2015**



Los Angeles County, 2015											Total Live Births
Mother's Age	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	<5	N/C	5	9.3	46	85.2	<5	N/C	<5	N/C	54
15 to 17	30	1.8	148	8.9	1,484	88.9	5	0.3	<5	N/C	1,670
18 to 19	61	1.4	283	6.4	4,045	91.8	11	0.2	<5	N/C	4,404
Total	94	1.5	436	7.1	5,575	91.0	16	0.3	7	0.1	6,128

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

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. Gestation is calculated from obstetrical estimate of gestation.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.