

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 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
2004	696	0.5	0.4	0.5	204	0.5	0.4	0.5
2005	756	0.5	0.5	0.6	253	0.6	0.5	0.7
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	0.5	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	0.3	0.3	100	0.3	0.3	0.4
2013	315	0.3	0.2	0.3	94	0.3	0.2	0.4

Year	Denominator: Females < 15 (i.e. 10 - 14)	
	California	LA County
2004	1,431,818	422,622
2005	1,432,473	425,183
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

Note: 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, 2004-2013.

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 2013.

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
2004	16,263	20.6	20.3	20.9	4,782	22.4	21.7	23.0
2005	16,740	20.3	20.0	20.6	4,879	21.6	21.0	22.2
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

Denominator: Female 15-17		
Year	California	LA County
2004	790,046	213,869
2005	824,757	225,789
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

Note: 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, 2004-2013.

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
2004	33,474	65.5	64.9	66.2	9,400	71.6	70.2	73.0
2005	33,277	63.9	63.3	64.6	9,078	67.2	65.9	68.6
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

Denominator: Female 18-19		
Year	California	LA County
2004	510,695	131,340
2005	520,419	135,024
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

Note: 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, 2004-2013.

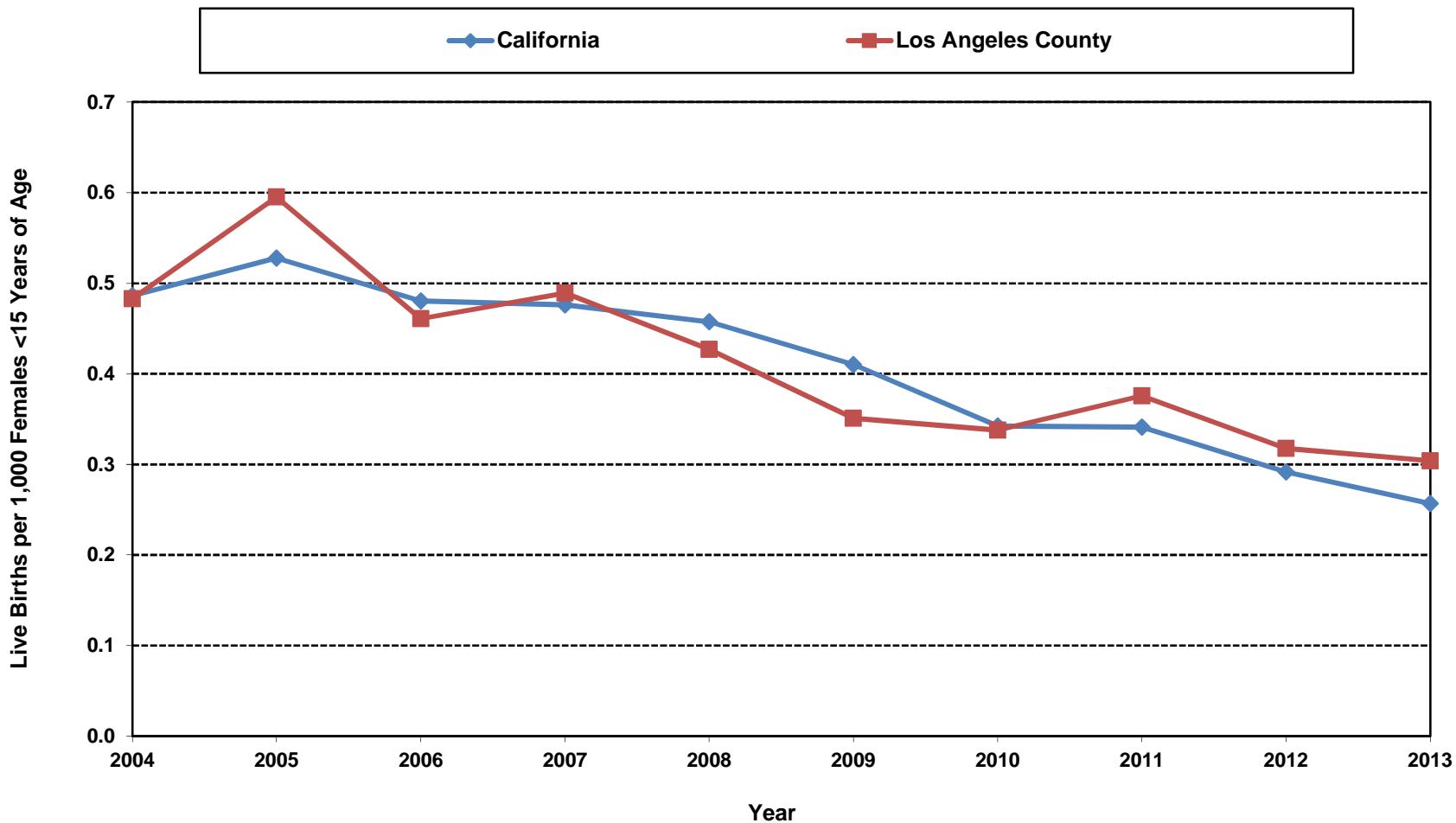
California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2013.

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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, 2004-2013**



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

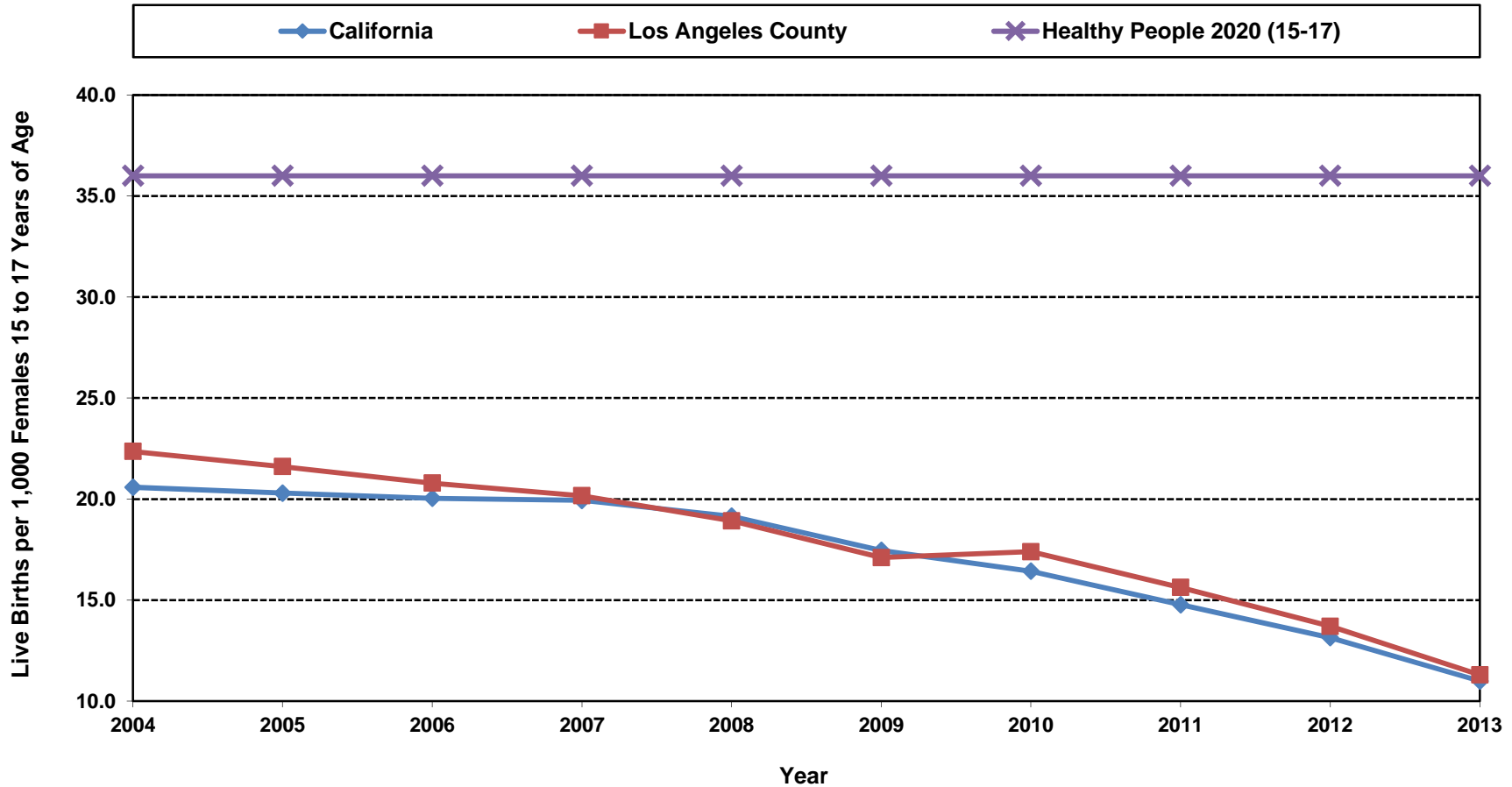
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2013.

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, 2004-2013**



Year 2010 Objective: Reduce pregnancies among adolescent females to no more than 43 pregnancies per 1,000 adolescents

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".

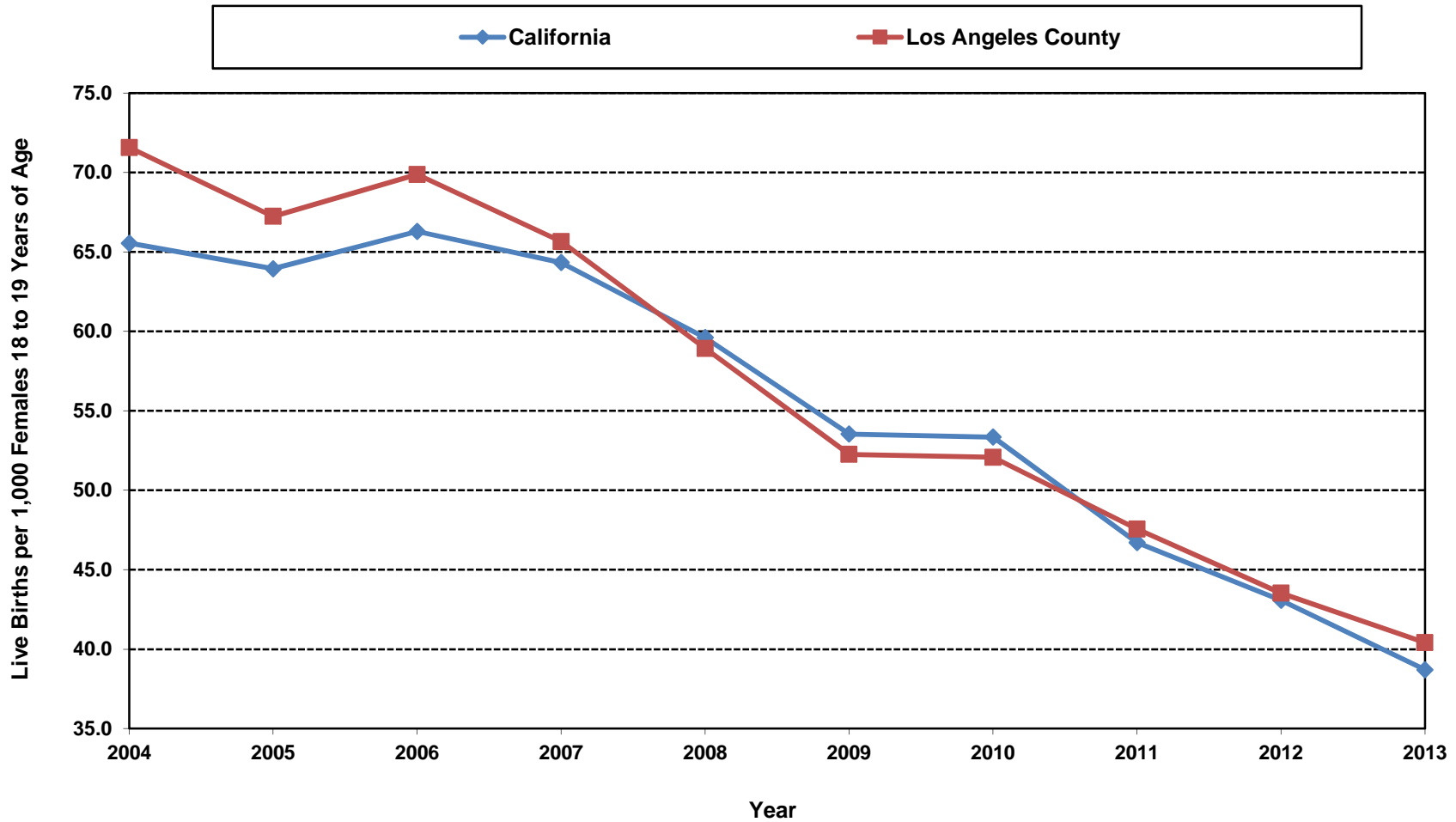
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2013.

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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, 2004-2013**



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

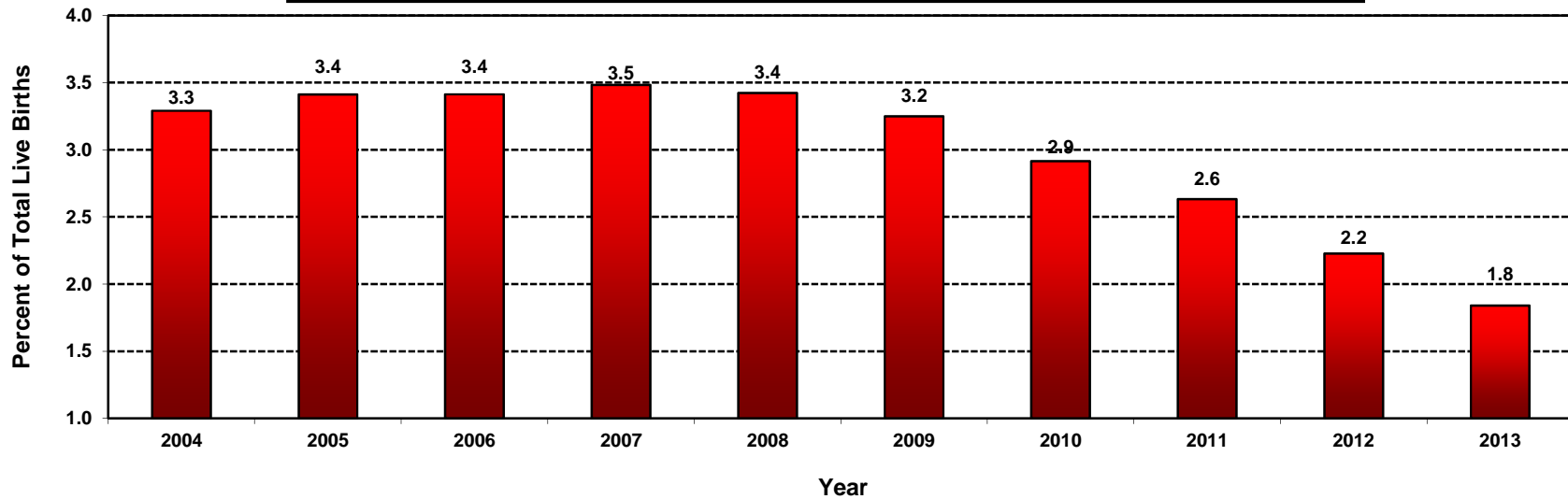
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

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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, 2004-2013**

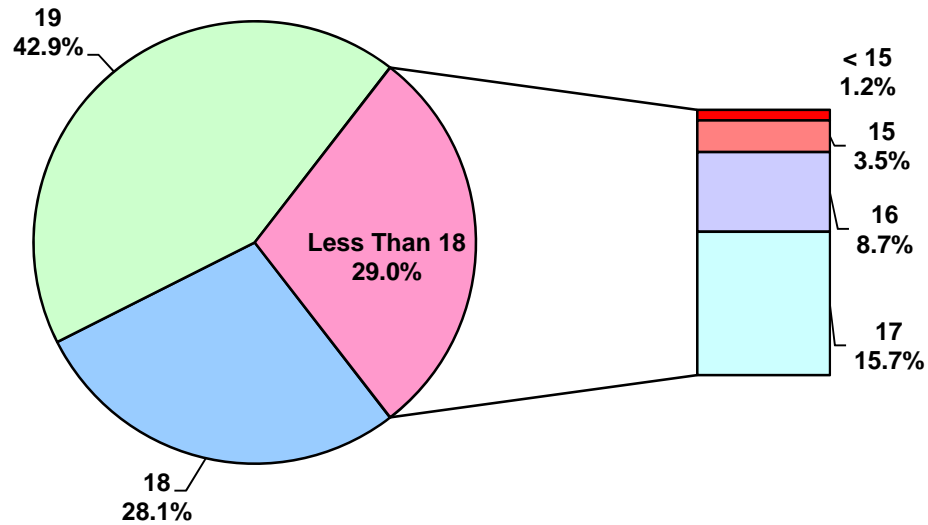


Los Angeles County, 2003-2012		
Year	Live Births to Mothers < 18 Years of Age	
	Number	Percent
2004	4,986	3.3
2005	5,132	3.4
2006	5,183	3.4
2007	5,289	3.5
2008	5,055	3.4
2009	4,539	3.2
2010	3,882	2.9
2011	3,431	2.6
2012	2,933	2.2
2013	2,365	1.8

Denominator: Total Live Births
151,504
150,377
151,837
151,813
147,684
139,679
133,160
130,313
131,697
128,523

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

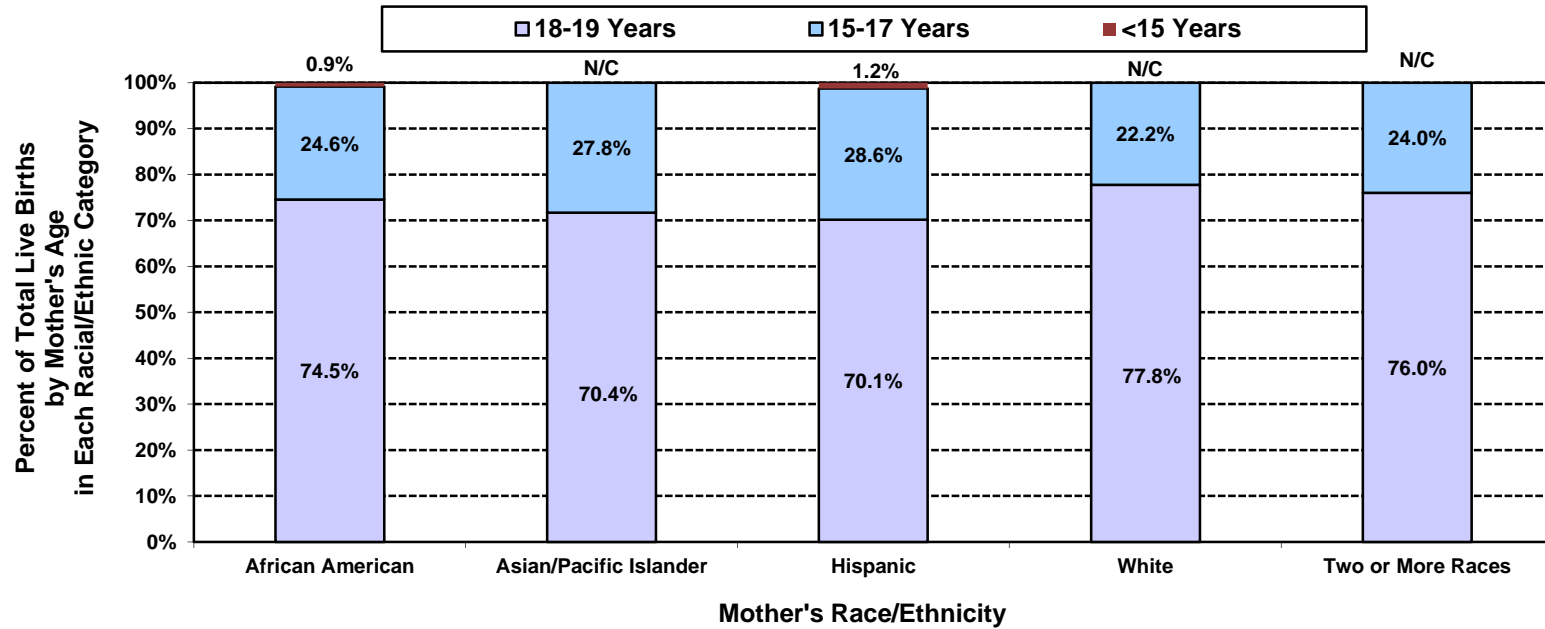
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Mother's Age
Los Angeles County, 2013**



Los Angeles County, 2013				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 15	94	1.2	0.9	1.4
15	282	3.5	3.1	3.9
16	710	8.7	8.1	9.3
17	1,279	15.7	14.9	16.5
18	2,286	28.1	27.1	29.0
19	3,496	42.9	41.8	44.0
Total	8,147	100.0	100.0	100.0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**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, 2013**



Los Angeles County, 2013						
Mother's Race/Ethnicity	Mother's Age					
	< 15		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent
African American	7	0.9	198	24.6	600	74.5
Asian/Pacific Islander	<5	N/C	30	27.8	76	70.4
Hispanic	84	1.2	1,937	28.6	4,745	70.1
Native American	<5	N/C	<5	N/C	6	85.7
White	<5	N/C	58	22.2	203	77.8
Two or More Races	<5	N/C	29	24.0	92	76.0
Other/Unknown	<5	N/C	18	22.8	60	75.9
Total	94	1.2	2,271	27.9	5,782	71.0

Total Live Births
805
108
6,766
7
261
121
79
8,147

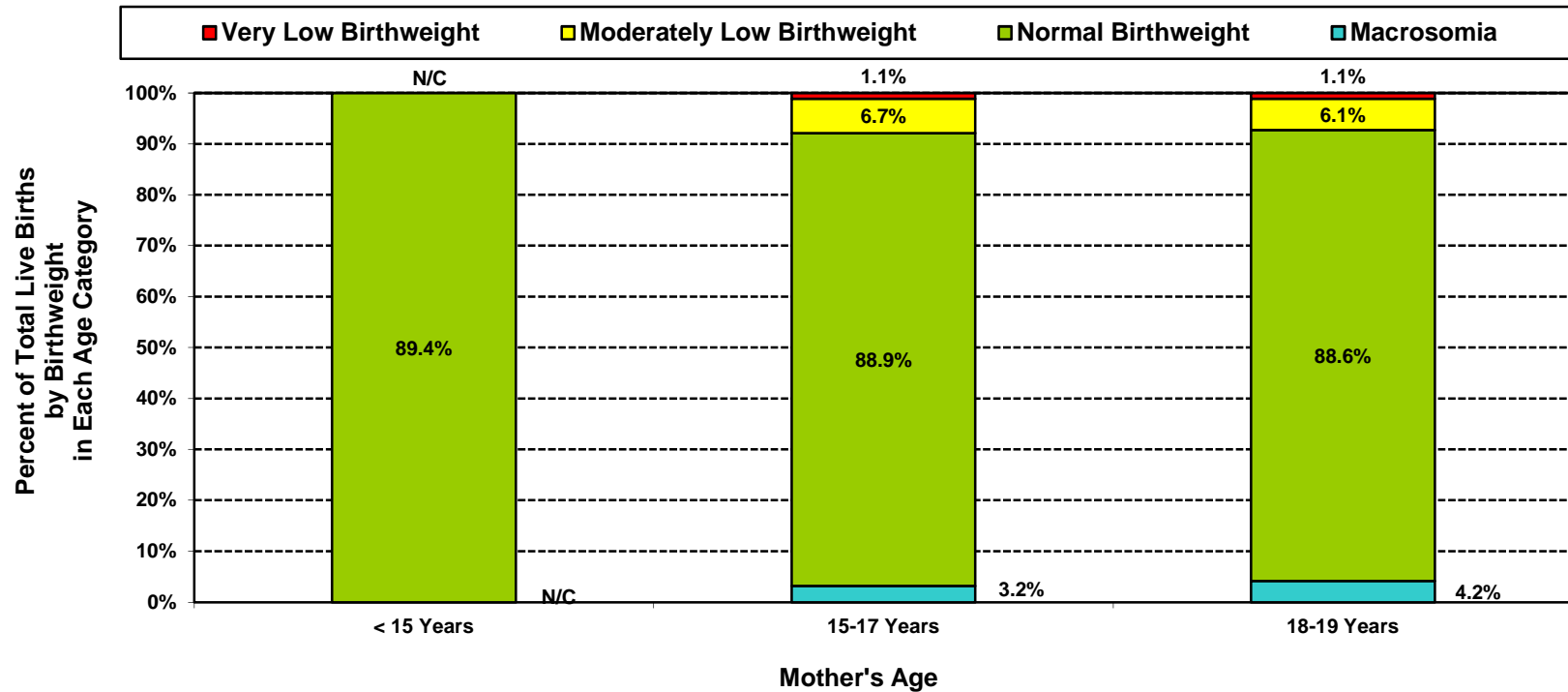
Note: Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

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, 2013.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Birthweight and by Mother's Age
Los Angeles County, 2013**

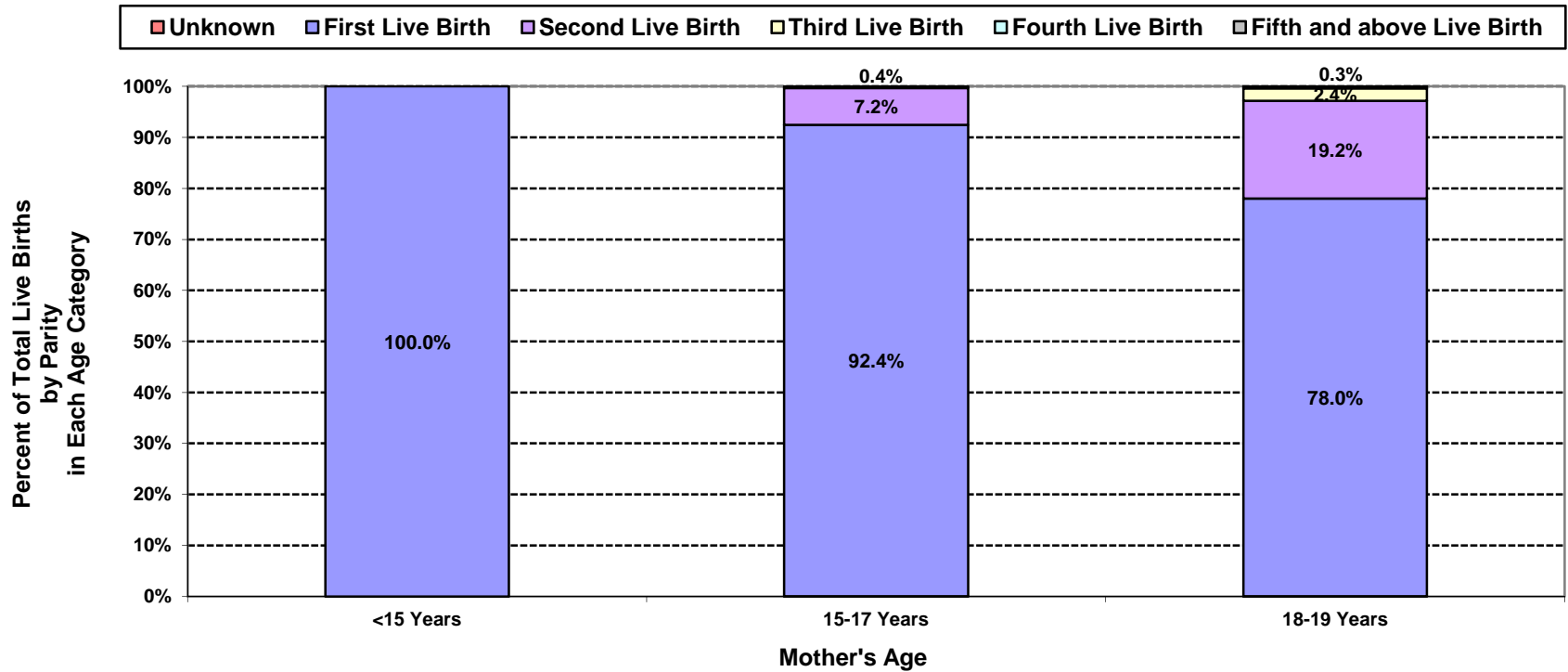


Los Angeles County, 2013								
Mother's Age	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia	
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 15	<5	N/C	<5	N/C	84	89.4	<5	N/C
15 to 17	26	1.1	153	6.7	2,020	88.9	72	3.2
18 to 19	66	1.1	355	6.1	5,120	88.6	241	4.2
Total	95	1.2	511	6.3	7,224	88.7	317	3.9

Total Live Births
94
2,271
5,782
8,147

Note: 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, 2013.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Parity and by Mother's Age
Los Angeles County, 2013**



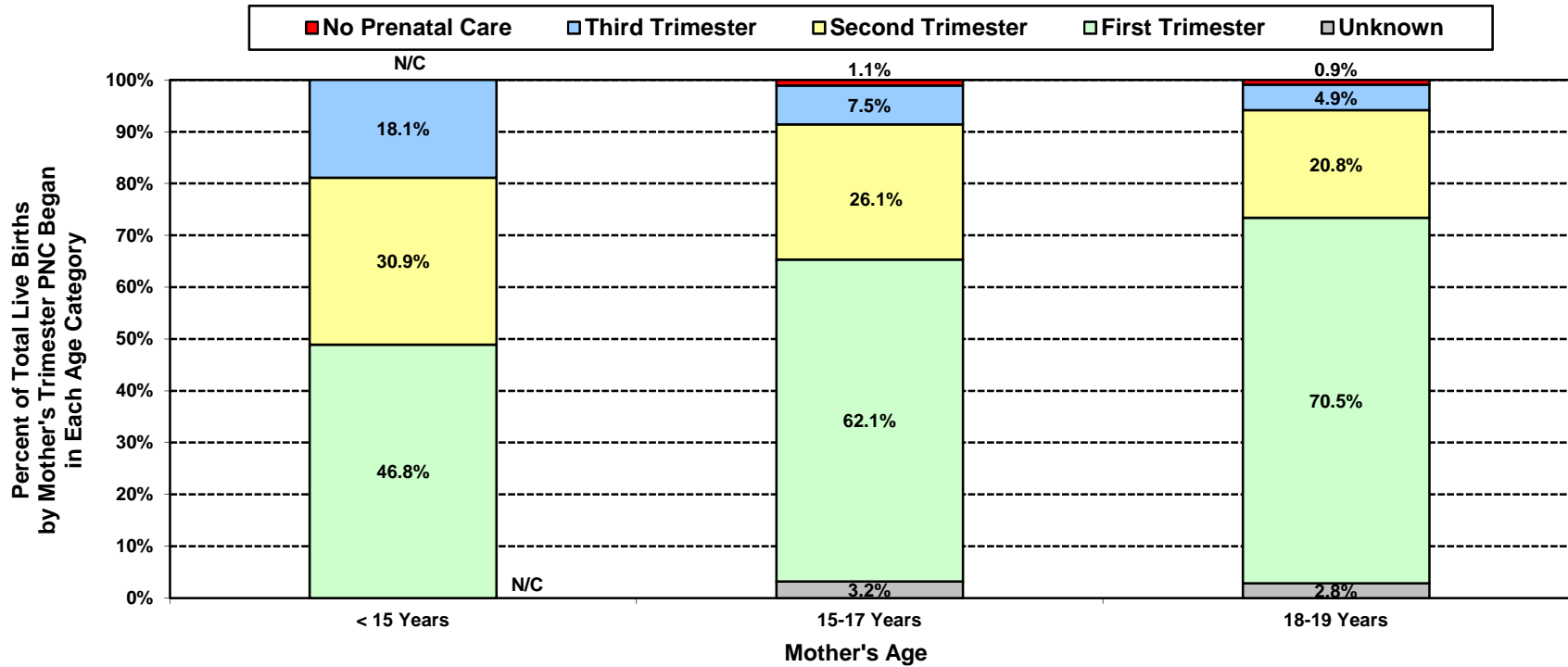
Los Angeles County, 2013													
Mother's Age	Parity											Total Live Births	
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number		Percent
< 15	94	100.0	<5	N/C	<5	N/C	<5	N/C	<5	N/C	<5	N/C	94
15 to 17	2,098	92.4	164	7.2	8	0.4	<5	N/C	<5	N/C	<5	N/C	2,271
18 to 19	4,509	78.0	1,109	19.2	141	2.4	18	0.3	<5	N/C	<5	N/C	5,782
Total	6,701	82.3	1,273	15.6	149	1.8	18	0.2	<5	N/C	<5	N/C	8,147

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, 2013.

**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, 2013**



Los Angeles County, 2013											
Mother's Age	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	<5	N/C	44	46.8	29	30.9	17	18.1	<5	N/C	94
15 to 17	25	1.1	1,411	62.1	592	26.1	170	7.5	73	3.2	2,271
18 to 19	53	0.9	4,078	70.5	1,203	20.8	284	4.9	164	2.8	5,782
Total	80	1.0	5,533	67.9	1,824	22.4	471	5.8	239	2.9	8,147

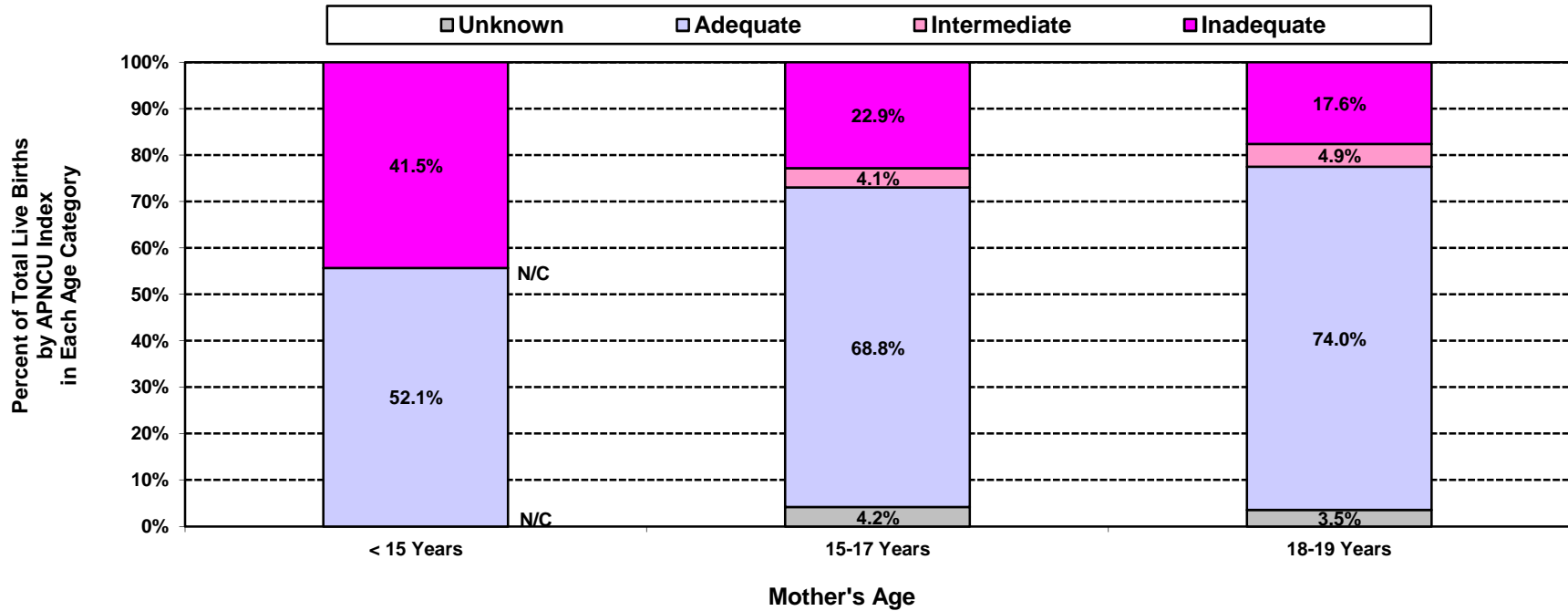
Year 2020 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.9 percent of live births.

Note: "Trimester Prenatal Care (PNC) Began" excludes 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, 2013.

**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, 2013**



Los Angeles County, 2013									
Mother's Age	Adequacy of Prenatal Care Utilization Index								Total Live Births
	Adequate		Intermediate		Inadequate		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	49	52.1	<5	N/C	39	41.5	<5	N/C	94
15 to 17	1,563	68.8	94	4.1	519	22.9	95	4.2	2,271
18 to 19	4,277	74.0	283	4.9	1,018	17.6	204	3.5	5,782
Total	5,889	72.3	381	4.7	1,576	19.3	301	3.7	8,147

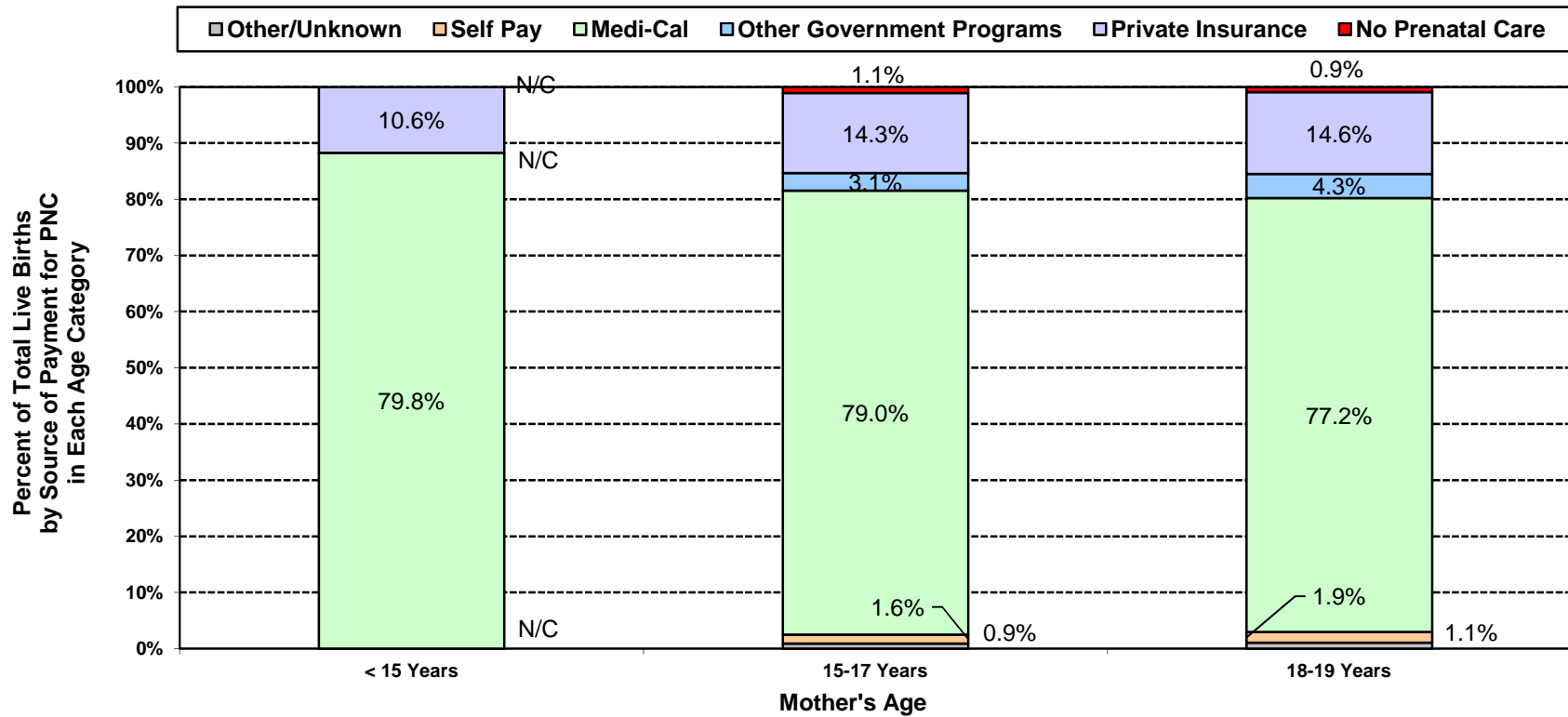
Year 2020 Objectives: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.9 percent of live births.

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, 2013.

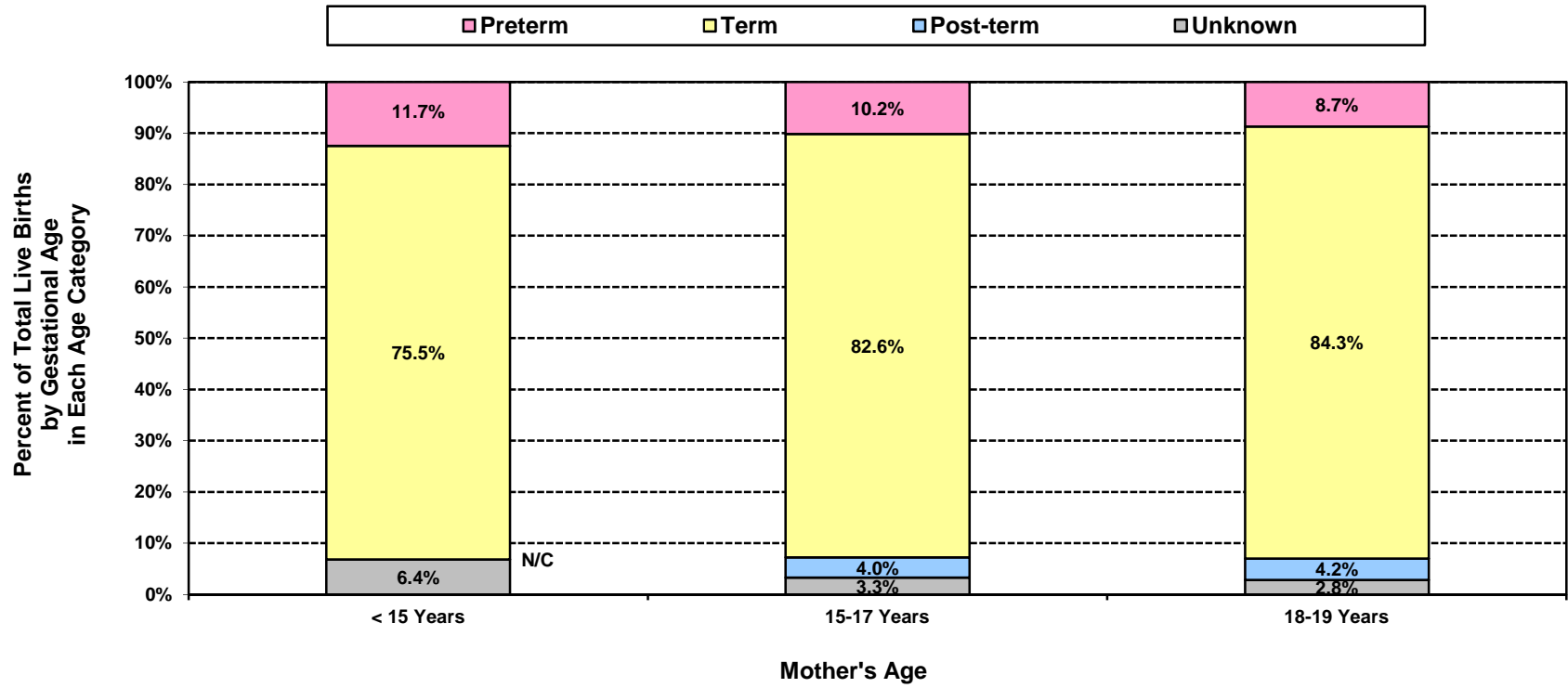
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Source of Payment for Prenatal Care (PNC) and by Mother's Age
Los Angeles County, 2013**



Los Angeles County, 2013													
Mother's Age	Source of Payment for Prenatal Care												Total Live Births
	No Prenatal Care		Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	<5	N/C	10	10.6	<5	N/C	75	79.8	<5	N/C	<5	N/C	94
15 to 17	25	1.1	324	14.3	71	3.1	1,794	79.0	36	1.6	21	0.9	2,271
18 to 19	53	0.9	845	14.6	248	4.3	4,465	77.2	110	1.9	61	1.1	5,782
Total	80	1.0	1,179	14.5	321	3.9	6,334	77.7	148	1.8	85	1.0	8,147

Note: 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, 2013.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Gestational Age and by Mother's Age
Los Angeles County, 2013**



Los Angeles County, 2013											
Mother's Age	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	<5	N/C	11	11.7	71	75.5	<5	N/C	6	6.4	94
15 to 17	45	2.0	186	8.2	1,876	82.6	90	4.0	74	3.3	2,271
18 to 19	82	1.4	421	7.3	4,876	84.3	240	4.2	163	2.8	5,782
Total	130	1.6	618	7.6	6,823	83.7	333	4.1	243	3.0	8,147

Note: 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 reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.