

Teen Fertility Rate

TITLE V INDICATOR TEMPLATE

INDICATOR: Fertility Rate Among 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 (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)

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
1998	1,066	0.9	0.8	1.0	337	1.0	0.9	1.1
1999	1,037	0.9	0.8	0.9	323	0.9	0.8	1.0
2000	895	0.7	0.7	0.8	274	0.8	0.7	0.9
2001	810	0.6	0.6	0.7	269	0.7	0.6	0.8
2002	743	0.5	0.5	0.6	248	0.6	0.5	0.7
2003	710	0.5	0.5	0.5	209	0.5	0.4	0.6
2004	695	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

Denominator: Females < 15 (i.e. 10 - 14)		
Year	California	LA County
1998	1,187,224	331,434
1999	1,219,531	341,596
2000	1,270,195	358,964
2001	1,324,938	377,115
2002	1,373,005	396,124
2003	1,410,004	411,957
2004	1,431,818	422,622
2005	1,432,473	425,183
2006	1,404,116	416,691
2007	1,393,013	406,685

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, 1998-2007.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1990-1999", Sacramento, California, May, 2004.

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

TITLE V INDICATOR TEMPLATE

INDICATOR: Fertility Rate Among Adolescent Females (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
1998	21,630	31.1	30.6	31.5	6,770	34.1	33.3	34.9
1999	20,209	28.8	28.4	29.2	6,293	32.1	31.3	32.9
2000	18,887	26.5	26.2	26.9	5,801	29.7	29.0	30.5
2001	17,307	23.8	23.5	24.2	5,373	27.3	26.6	28.1
2002	16,660	22.4	22.1	22.8	5,081	25.3	24.6	26.0
2003	16,193	21.2	20.9	21.5	4,878	23.6	23.0	24.3
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

Denominator: Female 15-17		
Year	California	LA County
1998	696,559	198,442
1999	701,657	196,222
2000	712,042	195,082
2001	726,479	196,560
2002	743,210	200,997
2003	764,102	206,564
2004	790,046	213,869
2005	824,757	225,789
2006	858,626	240,021
2007	882,026	252,423

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, 1998-2007.

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

TITLE V INDICATOR TEMPLATE

INDICATOR: Fertility Rate Among Adolescent Females (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
1998	36,511	81.9	81.1	82.7	11,153	84.8	83.3	86.3
1999	36,368	78.2	77.4	78.9	10,850	80.0	78.5	81.4
2000	36,486	76.8	76.1	77.6	10,807	79.9	78.5	81.4
2001	35,659	73.5	72.8	74.3	10,177	75.6	74.2	77.0
2002	33,541	68.5	67.8	69.2	9,429	72.1	70.7	73.5
2003	33,137	66.5	65.8	67.2	9,119	71.4	70.0	72.8
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	67.0	66.3	67.7	9,804	70.3	69.0	71.6
2007	35,811	64.3	63.7	65.0	9,643	65.7	64.4	66.9

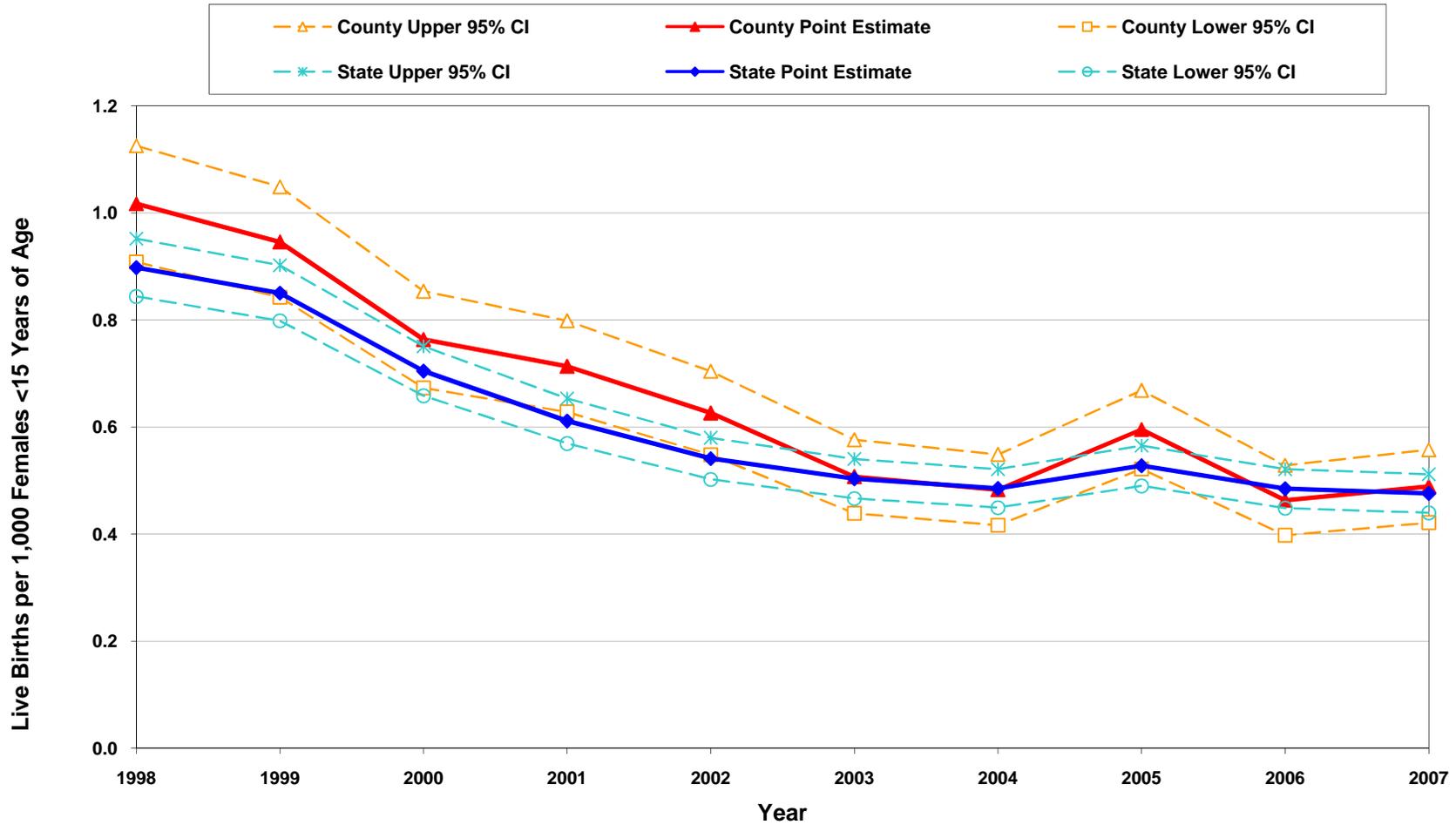
Denominator: Female 18-19		
Year	California	LA County
1998	445,759	131,563
1999	465,241	135,664
2000	474,909	135,235
2001	484,827	134,655
2002	489,897	130,829
2003	498,499	127,687
2004	510,695	131,340
2005	520,419	135,024
2006	530,780	139,472
2007	556,714	146,883

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, 1998-2007.

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

Live Births per 1,000 Adolescent Females Less Than 15 Years of Age California vs. Los Angeles County, 1998-2007



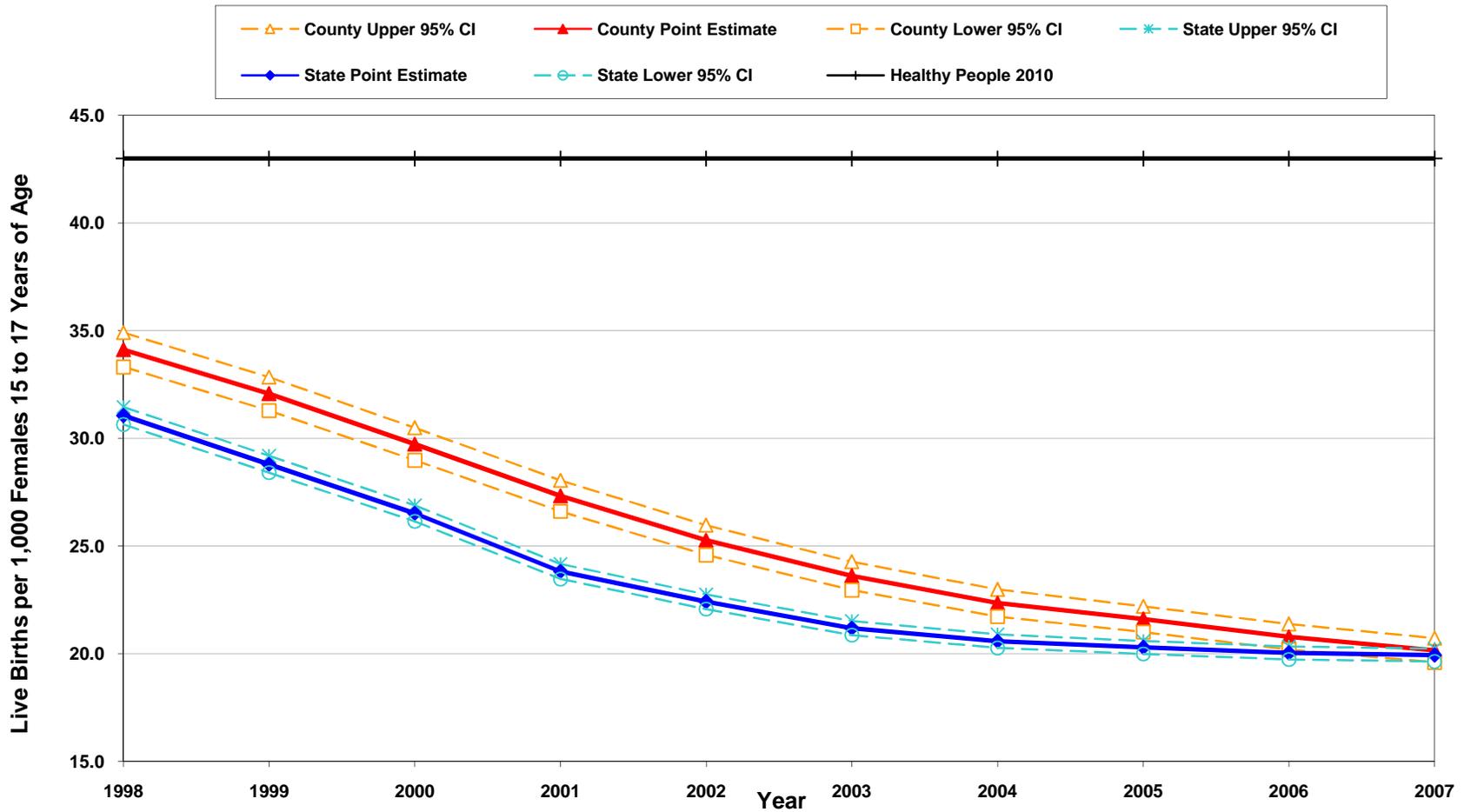
This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Note: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1998-2007.

Source: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1990-1999", Sacramento, California, May, 2004.

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

Live Births per 1,000 Adolescent Females 15 to 17 Years of Age California vs. Los Angeles County, 1998-2007



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

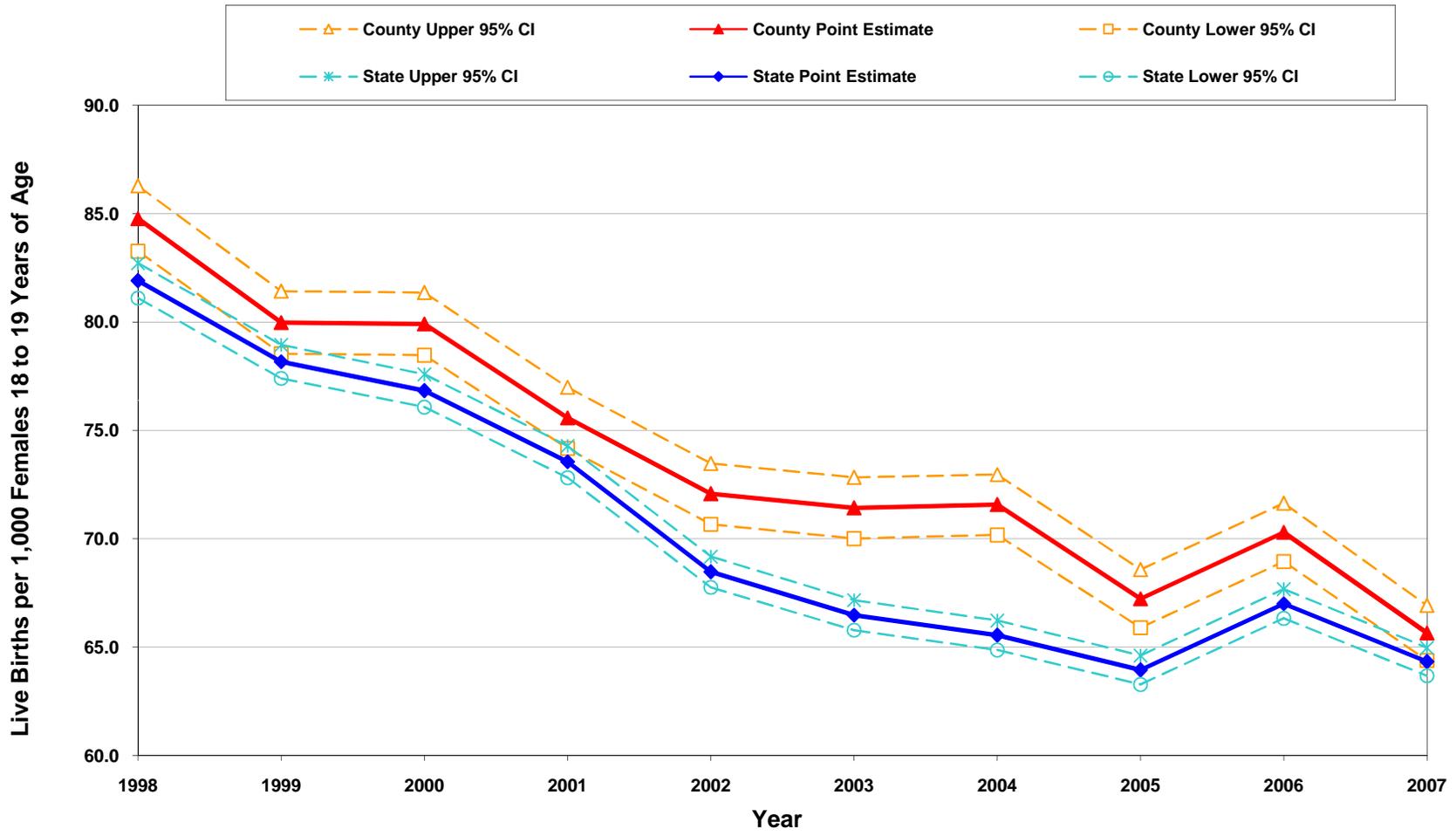
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1998-2007.

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1990-1999", Sacramento, California, May, 2004.

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

Live Births per 1,000 Adolescent Females 18 to 19 Years of Age California vs. Los Angeles County, 1998-2007



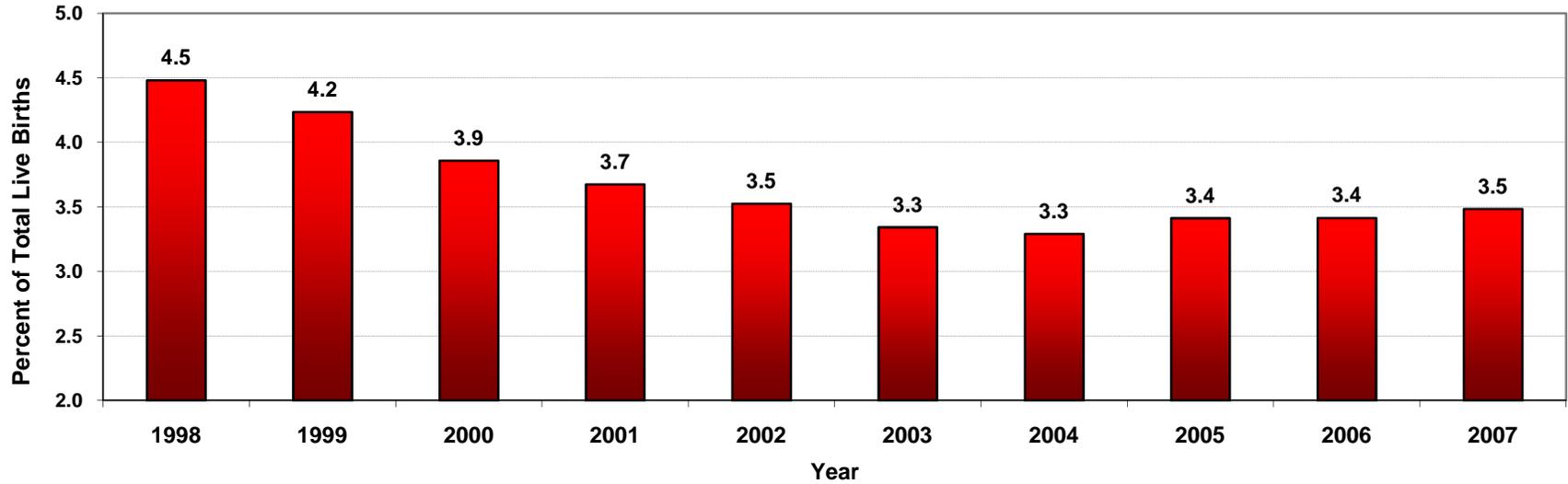
This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Note: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1998-2007.

Source: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1990-1999", Sacramento, California, May, 2004.

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

**Live Births to Mothers Less Than 18 Years of Age, as Percent of Total Live Births
Los Angeles County, 1998-2007**

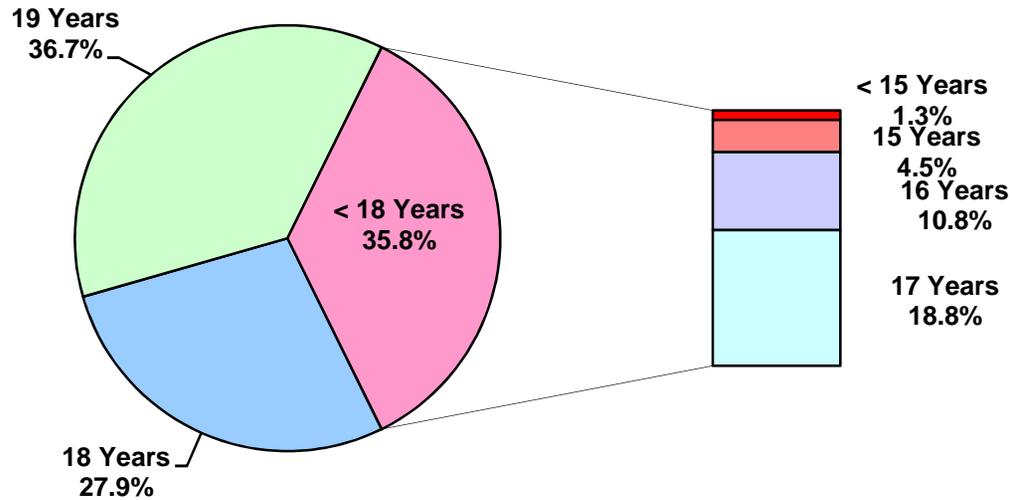


Los Angeles County, 1998-2007		
Year	Live Births to Mothers < 18 Years of Age	
	Number	Percent
1998	7,107	4.5
1999	6,616	4.2
2000	6,075	3.9
2001	5,642	3.7
2002	5,329	3.5
2003	5,087	3.3
2004	4,986	3.3
2005	5,132	3.4
2006	5,183	3.4
2007	5,289	3.5

Denominator: Total Live Births
158,604
156,153
157,391
153,523
151,167
152,192
151,504
150,377
151,837
151,813

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1998-2007.

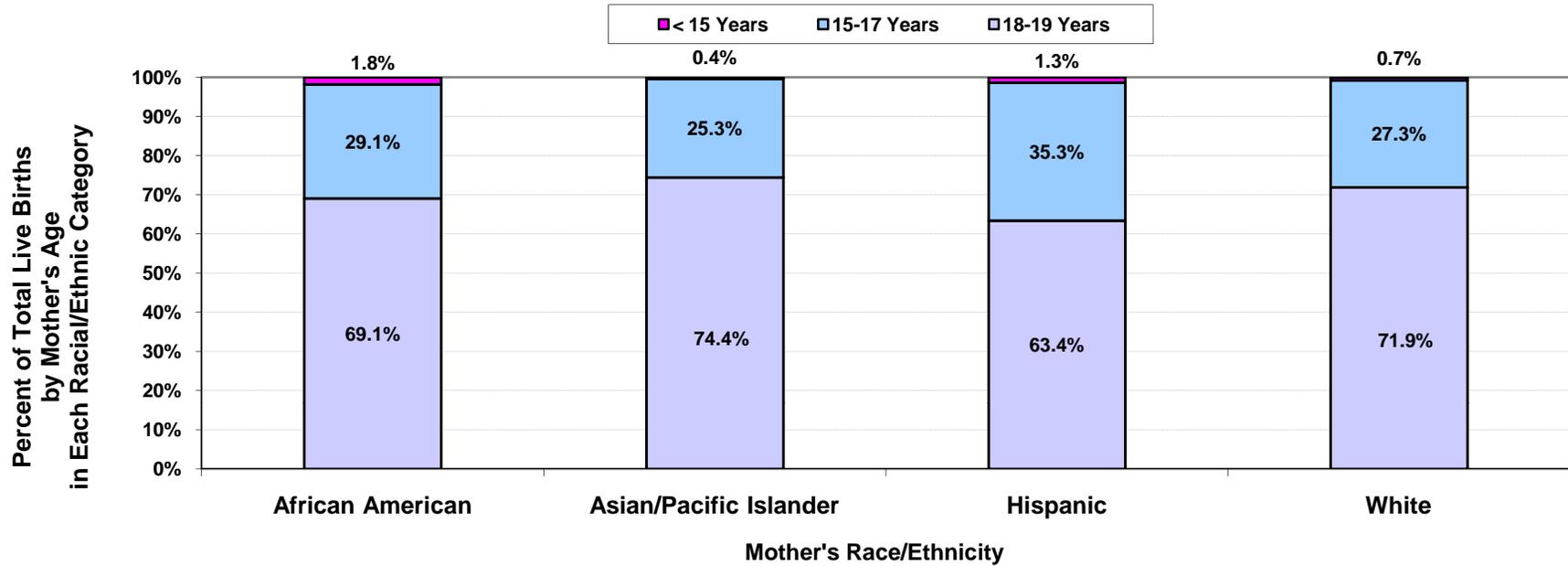
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Mother's Age
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 15	199	1.3	1.1	1.5
15	666	4.5	4.1	4.8
16	1,610	10.8	10.3	11.3
17	2,814	18.8	18.2	19.5
18	4,160	27.9	27.1	28.6
19	5,483	36.7	35.9	37.5
Total	14,932	100.0	100.0	100.0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**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, 2007**

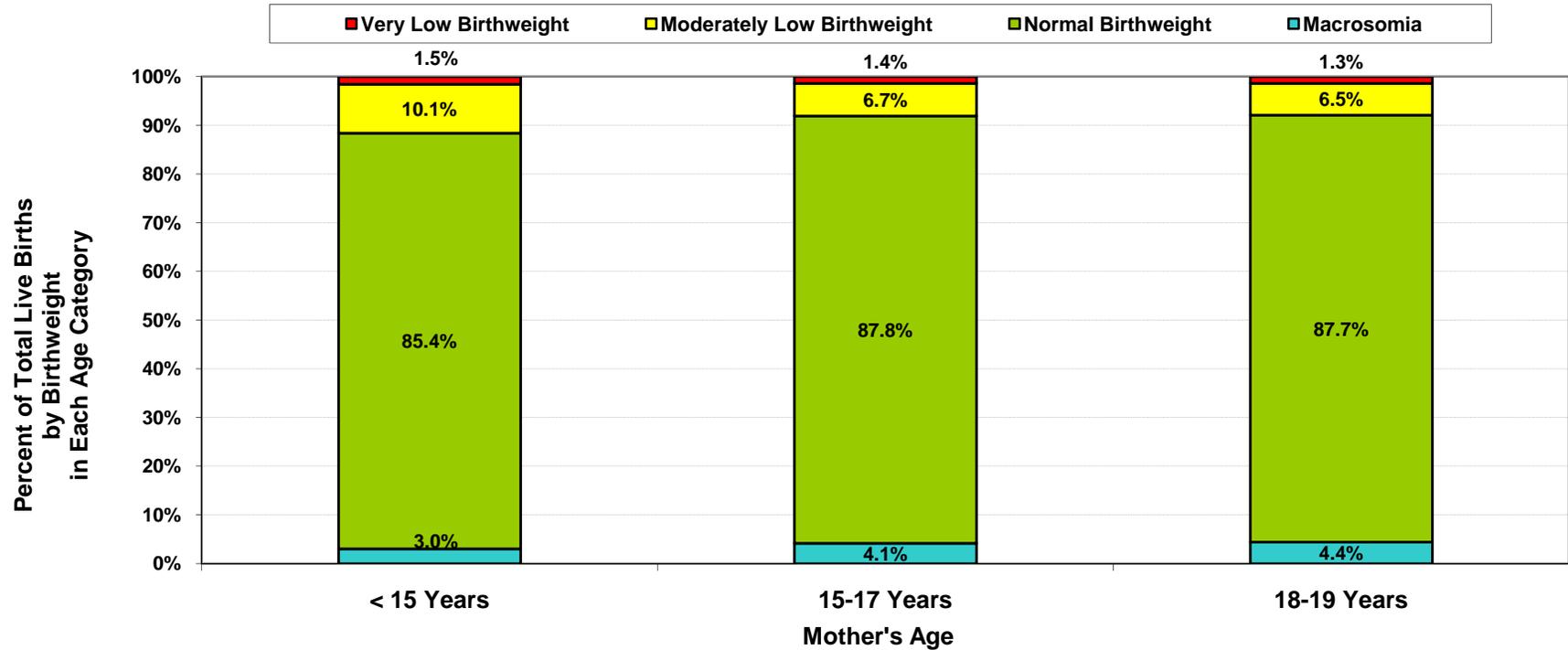


Los Angeles County, 2007						
Mother's Race/Ethnicity	Mother's Age					
	< 15		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent
African American	28	1.8	447	29.1	1,060	69.1
Asian/Pacific Islander	1	N/C	71	25.3	209	74.4
Hispanic	164	1.3	4,370	35.3	7,845	63.4
Native American	1	N/C	8	30.8	17	65.4
White	5	0.7	184	27.3	484	71.9
Other/Unknown	0	N/C	10	26.3	28	73.7
Total	199	1.3	5,090	34.1	9,643	64.6

Total Live Births
1,535
281
12,379
26
673
38
14,932

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

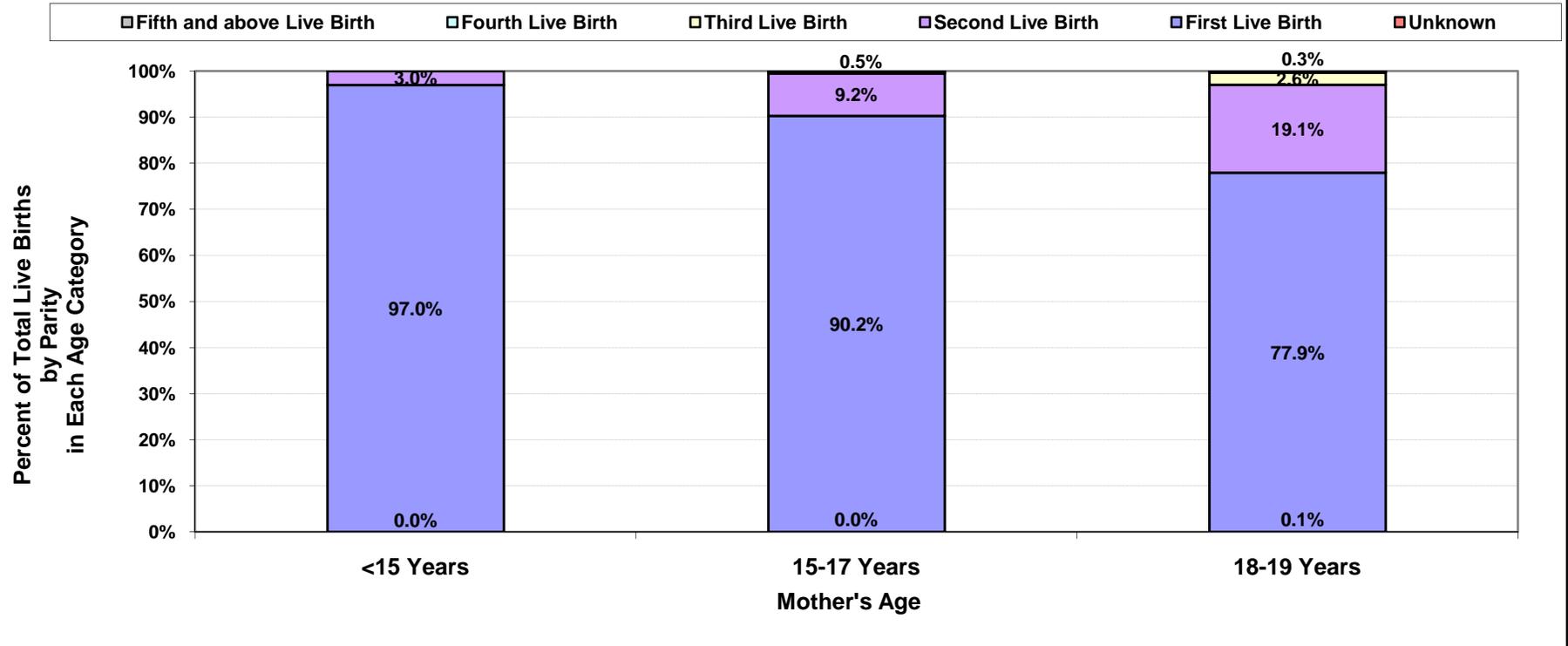
Percent of Live Births to Mothers Less Than 20 Years of Age by Birthweight and by Mother's Age Los Angeles County, 2007



Los Angeles County, 2007											
Mother's Age	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Birthweight Unknown		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	Number	Percent	
< 15	3	N/C	20	10.1	170	85.4	6	3.0	0	0.0	199
15 to 17	70	1.4	341	6.7	4,468	87.8	211	4.1	0	0.0	5,090
18 to 19	129	1.3	627	6.5	8,460	87.7	427	4.4	0	0.0	9,643
Total	202	1.4	988	6.6	13,098	87.7	644	4.3	0	0.0	14,932

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

Percent of Live Births to Mothers Less Than 20 Years of Age by Parity and by Mother's Age Los Angeles County, 2007

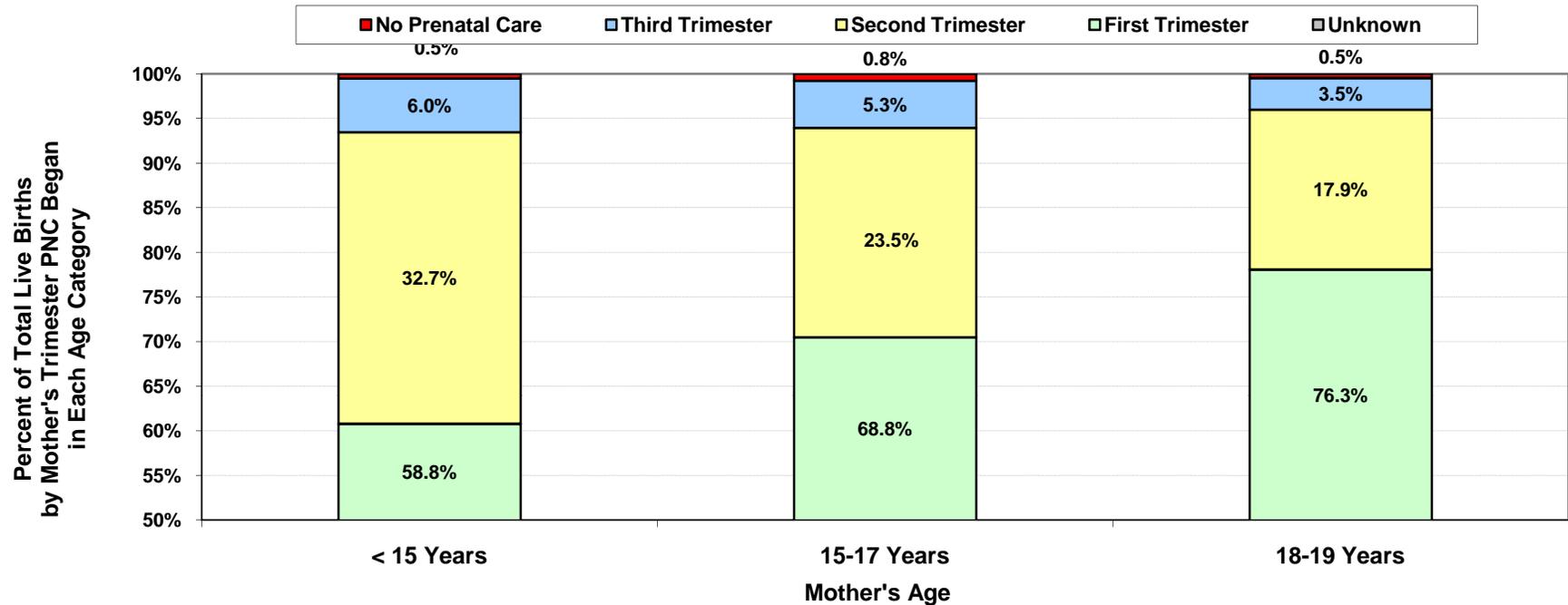


Los Angeles County, 2007													
Mother's Age	Parity												Total Live Births
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	193	97.0	6	3.0	0	N/C	0	0.0	0	N/C	0	N/C	199
15 to 17	4,593	90.2	470	9.2	24	0.5	1	0.0	0	N/C	2	N/C	5,090
18 to 19	7,512	77.9	1,842	19.1	254	2.6	28	0.3	1	N/C	6	0.1	9,643
Total	12,298	82.4	2,318	15.5	278	1.9	29	0.2	1	0.0	8	0.1	14,932

Note: Parity = number of pregnancies resulting in live births to a woman.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**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, 2007**



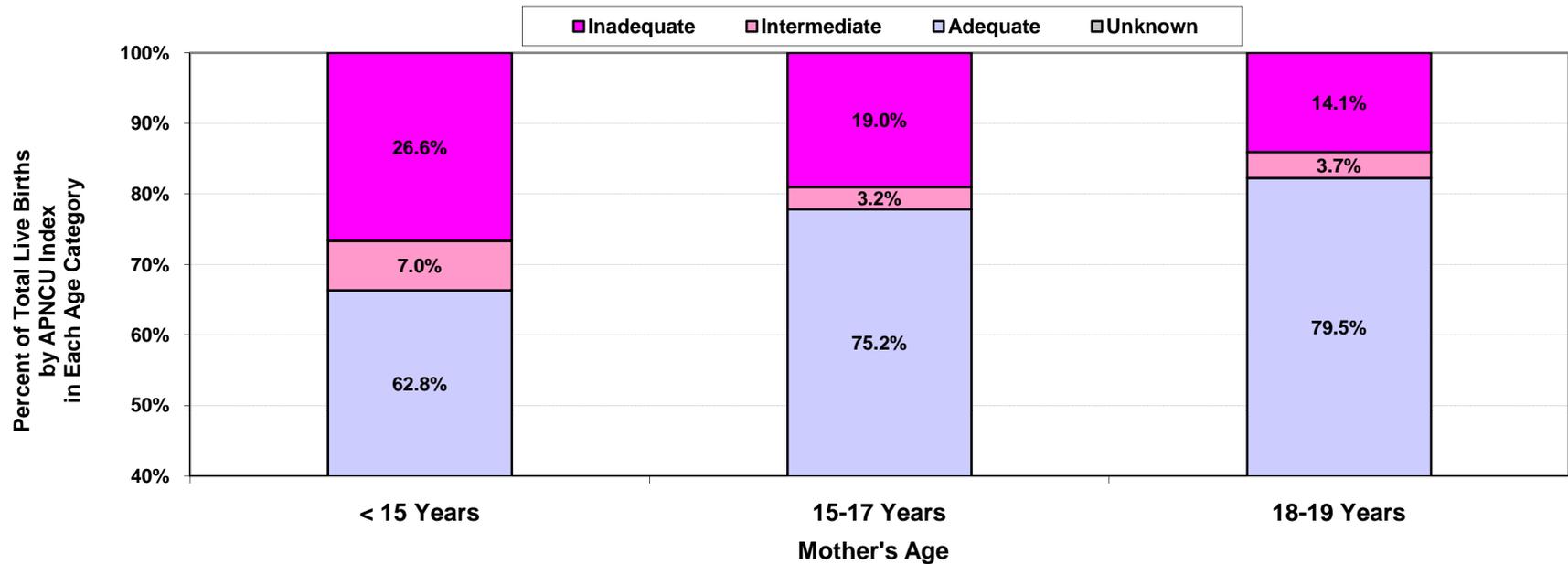
Los Angeles County, 2007											
Mother's Age	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	1	N/C	117	58.8	65	32.7	12	6.0	4	N/C	199
15 to 17	39	0.8	3,502	68.8	1,194	23.5	269	5.3	86	1.7	5,090
18 to 19	44	0.5	7,361	76.3	1,727	17.9	342	3.5	169	1.8	9,643
Total	84	0.6	10,980	73.5	2,986	20.0	623	4.2	259	1.7	14,932

Year 2010 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 90 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.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**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, 2007**



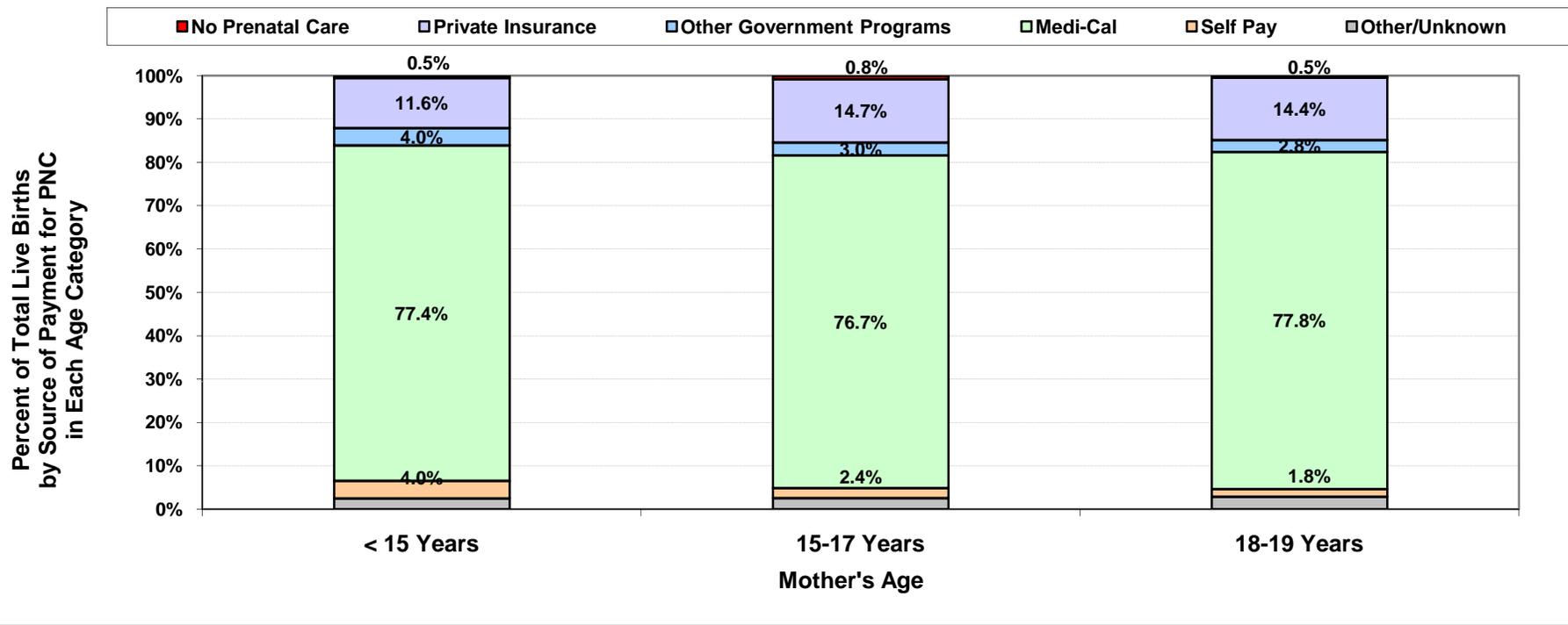
Los Angeles County, 2007									
Mother's Age	Adequacy of Prenatal Care Utilization Index								Total Live Births
	Adequate		Intermediate		Inadequate		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	125	62.8	14	7.0	53	26.6	7	3.5	199
15 to 17	3,827	75.2	162	3.2	968	19.0	133	2.6	5,090
18 to 19	7,662	79.5	353	3.7	1,356	14.1	272	2.8	9,643
Total	11,614	77.8	529	3.5	2,377	15.9	412	2.8	14,932

Year 2010 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 90 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.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

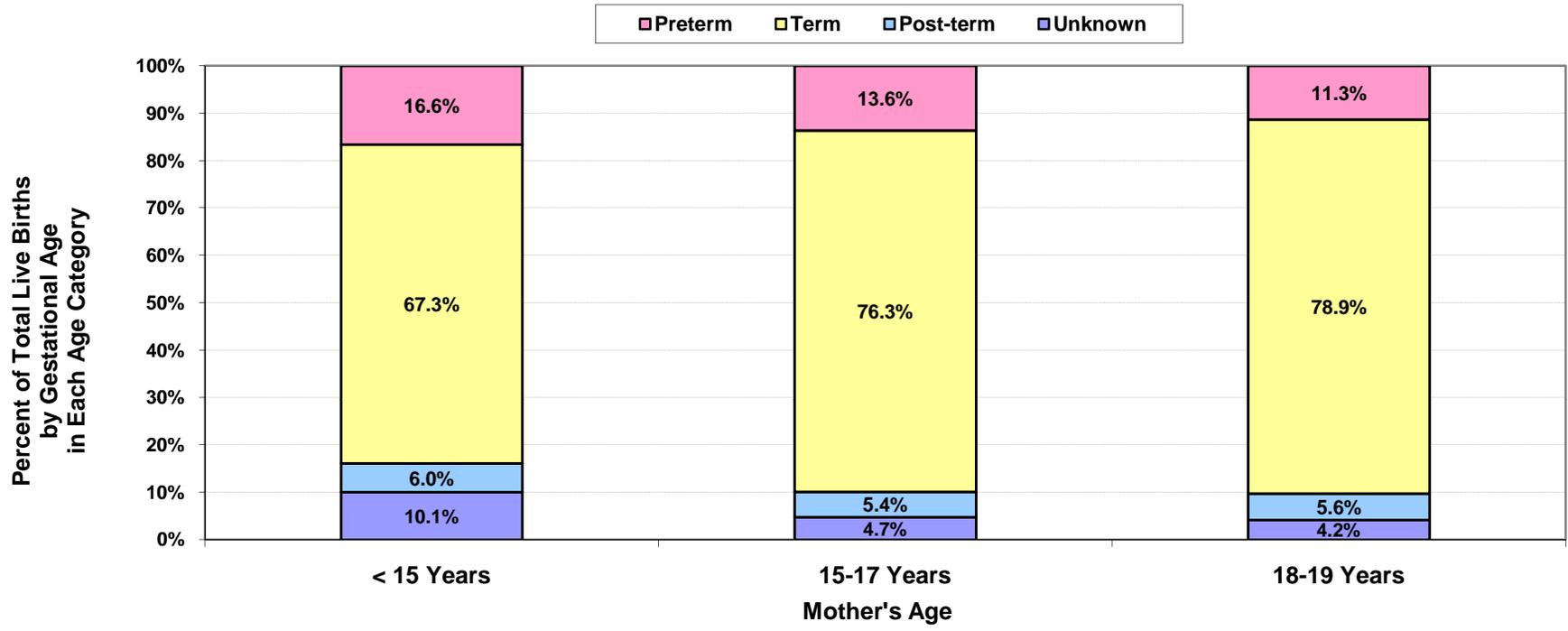
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Source of Payment for Prenatal Care (PNC) and by Mother's Age
Los Angeles County, 2007**



Los Angeles County, 2007													Total Live Births
Mother's Age	Source of Payment for Prenatal Care												
	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	1	N/C	23	11.6	8	4.0	154	77.4	8	4.0	5	2.5	199
15 to 17	39	0.8	746	14.7	152	3.0	3,904	76.7	120	2.4	129	2.5	5,090
18 to 19	44	0.5	1,386	14.4	266	2.8	7,502	77.8	170	1.8	275	2.9	9,643
Total	84	0.6	2,155	14.4	426	2.9	11,560	77.4	298	2.0	409	2.7	14,932

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Gestational Age and by Mother's Age
Los Angeles County, 2007**



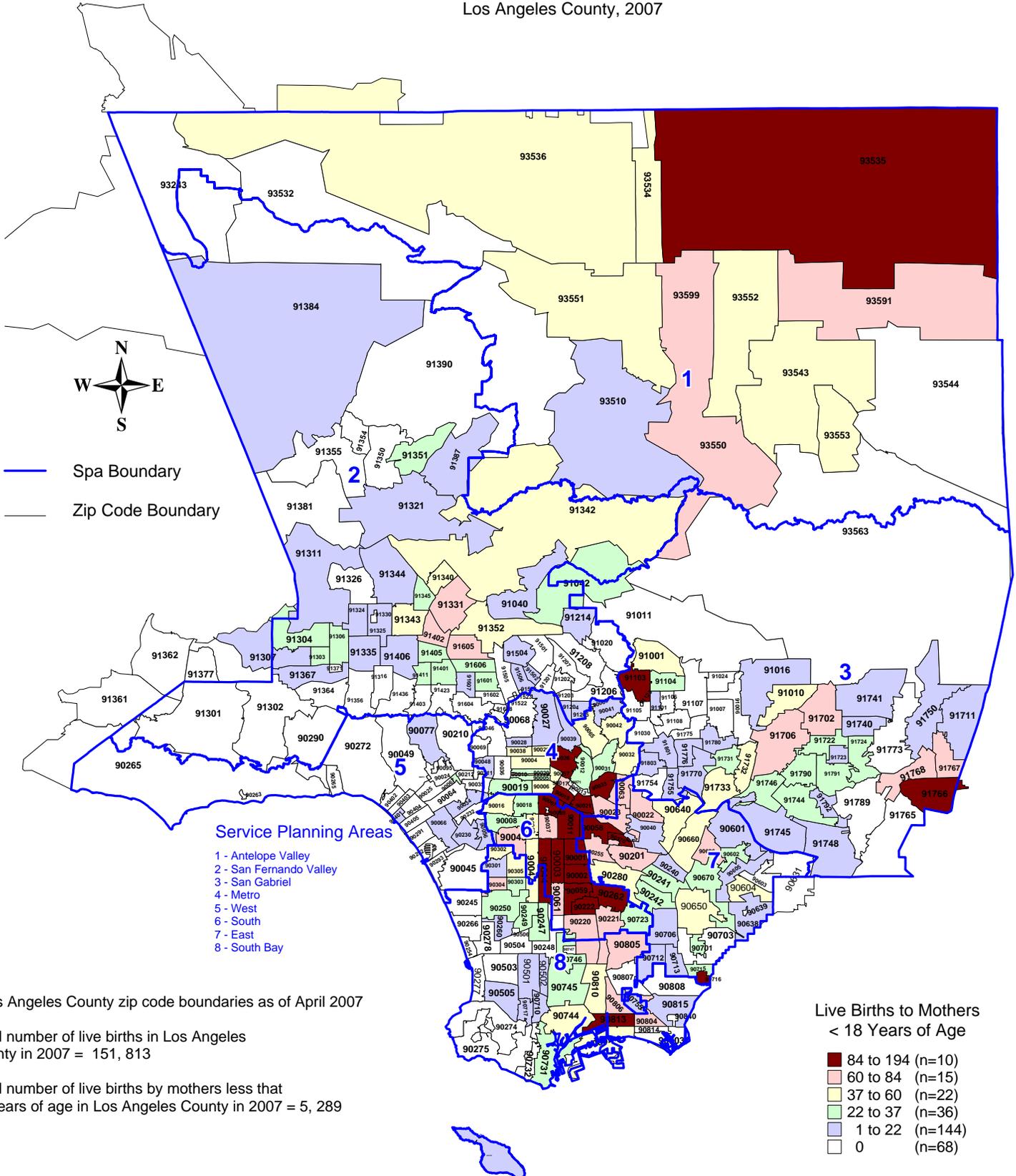
Los Angeles County, 2007											
Mother's Age	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	6	3.0	27	13.6	134	67.3	12	6.0	20	10.1	199
15 to 17	123	2.4	571	11.2	3,882	76.3	273	5.4	241	4.7	5,090
18 to 19	177	1.8	915	9.5	7,612	78.9	536	5.6	403	4.2	9,643
Total	306	2.0	1,513	10.1	11,628	77.9	821	5.5	664	4.4	14,932

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, 2007.

Number of Live Births by Mothers Less Than 18 years of Age by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2007



* Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County in 2007 = 151, 813

Total number of live births by mothers less than 18 years of age in Los Angeles County in 2007 = 5, 289

