

Fertility Rate

TITLE V INDICATOR TEMPLATE

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)

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
1999	1,038	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	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

Year	Denominator: Females < 15 (i.e. 10 - 14)	
	California	LA County
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	1,417,905	418,942
2007	1,393,013	406,685
2008	1,363,925	391,222

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, 1999-2008.

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 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
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
2008	17,008	19.1	18.9	19.4	4,888	18.9	18.4	19.5

Denominator: Female 15-17		
Year	California	LA County
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
2008	888,169	258,257

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, 1999-2008.

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 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
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	80.3	78.8	81.7
2001	35,659	73.5	72.8	74.3	10,177	77.8	76.3	79.2
2002	33,541	68.5	67.8	69.2	9,429	74.1	72.6	75.5
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	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

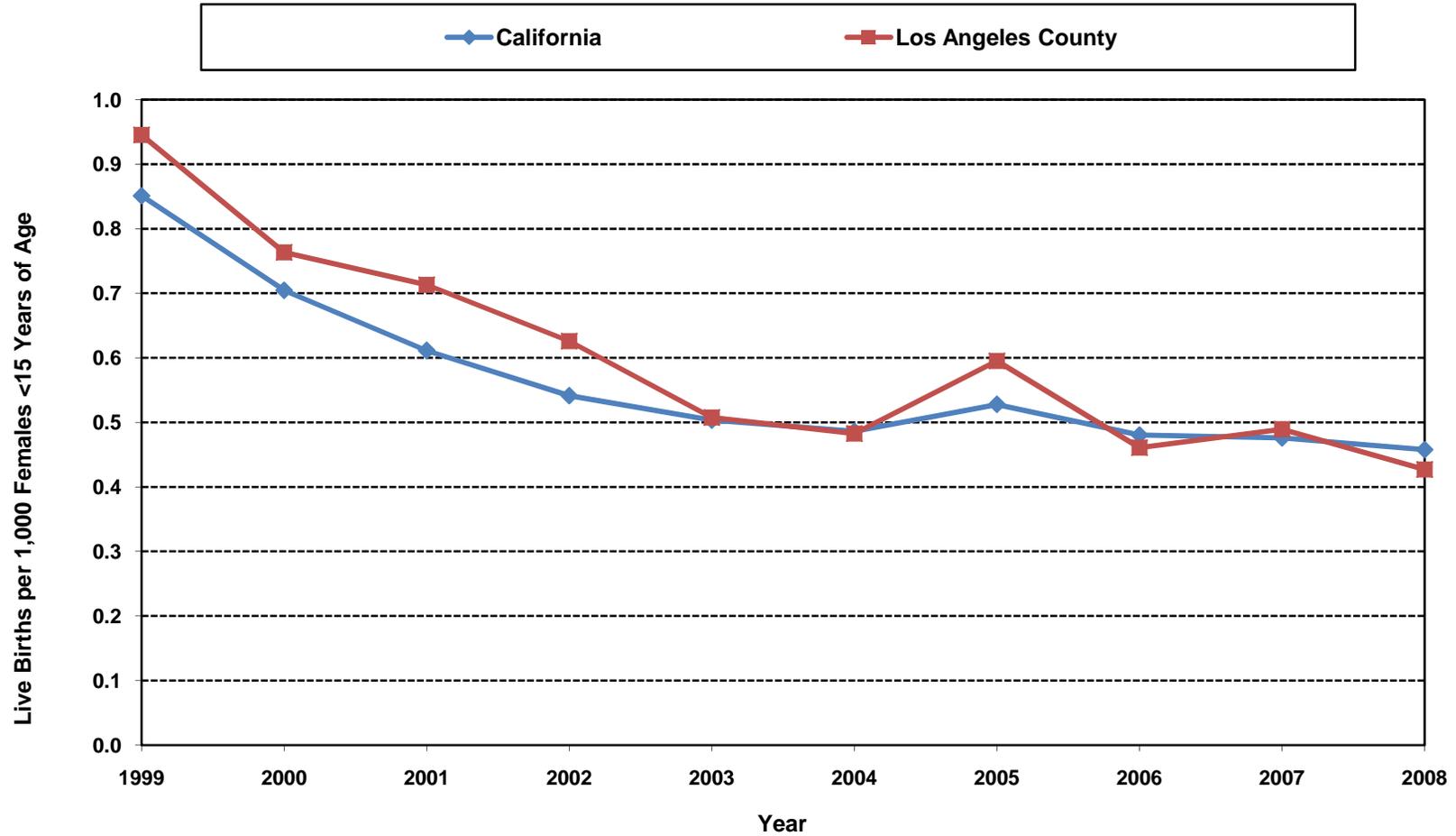
Year	Denominator: Female 18-19	
	California	LA County
1999	465,241	135,664
2000	474,909	134,655
2001	484,827	130,829
2002	489,897	127,304
2003	498,499	127,687
2004	510,695	131,340
2005	520,419	135,024
2006	536,479	140,318
2007	556,714	146,883
2008	582,102	156,518

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, 1999-2008.

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, 1999-2008**



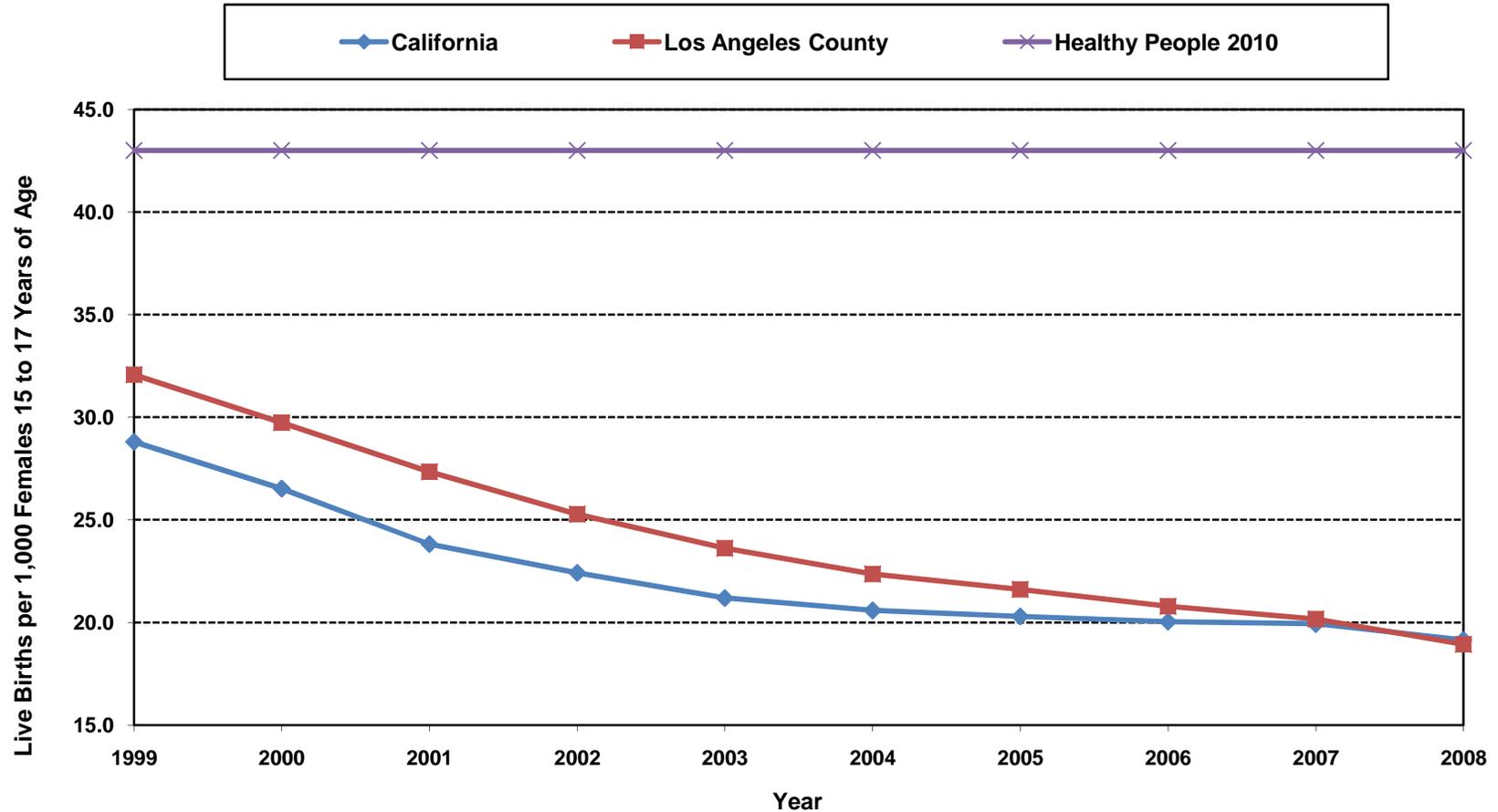
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1999-2008.

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, 1999-2008**



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

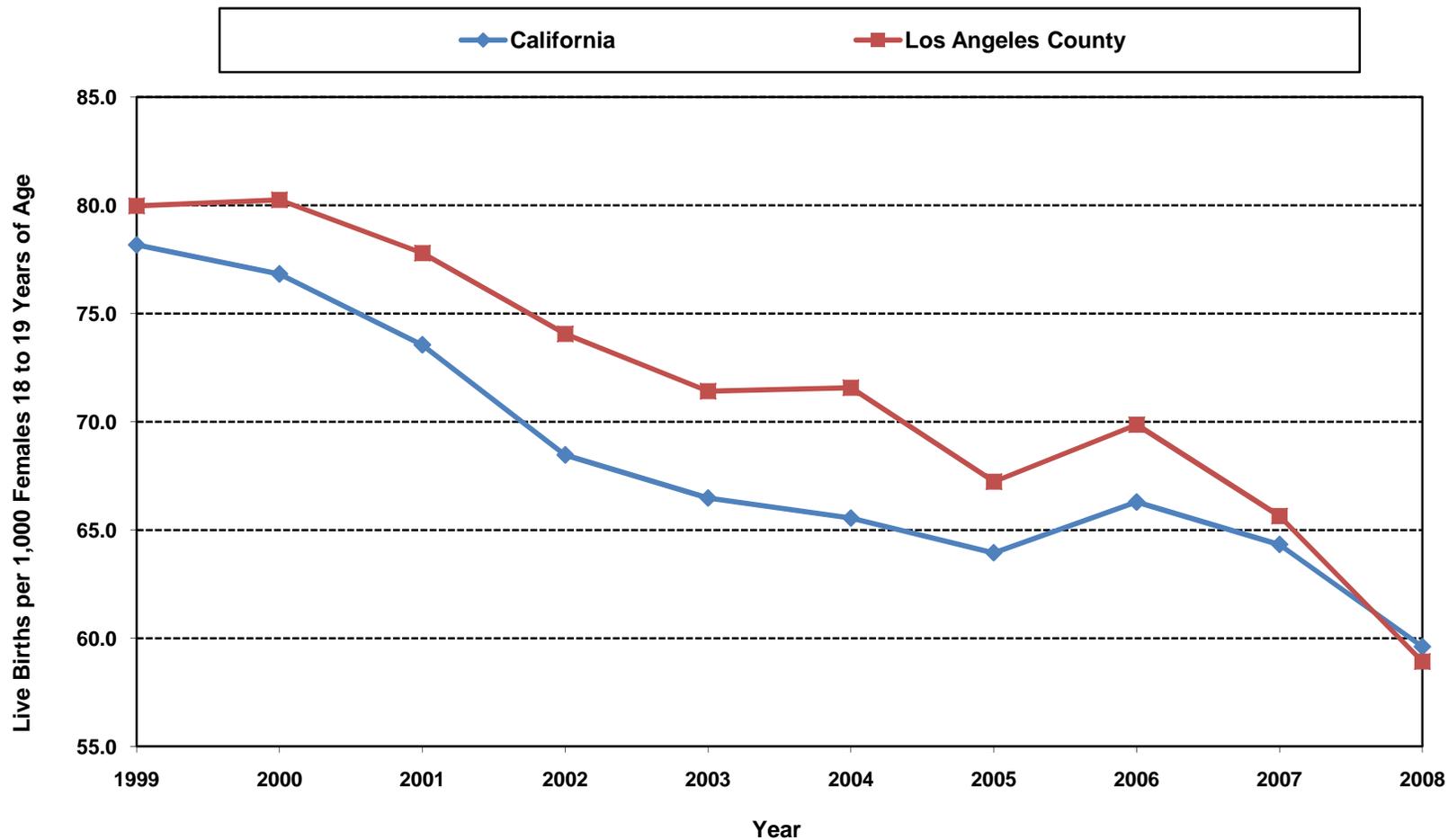
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1999-2008.

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, 1999-2008**



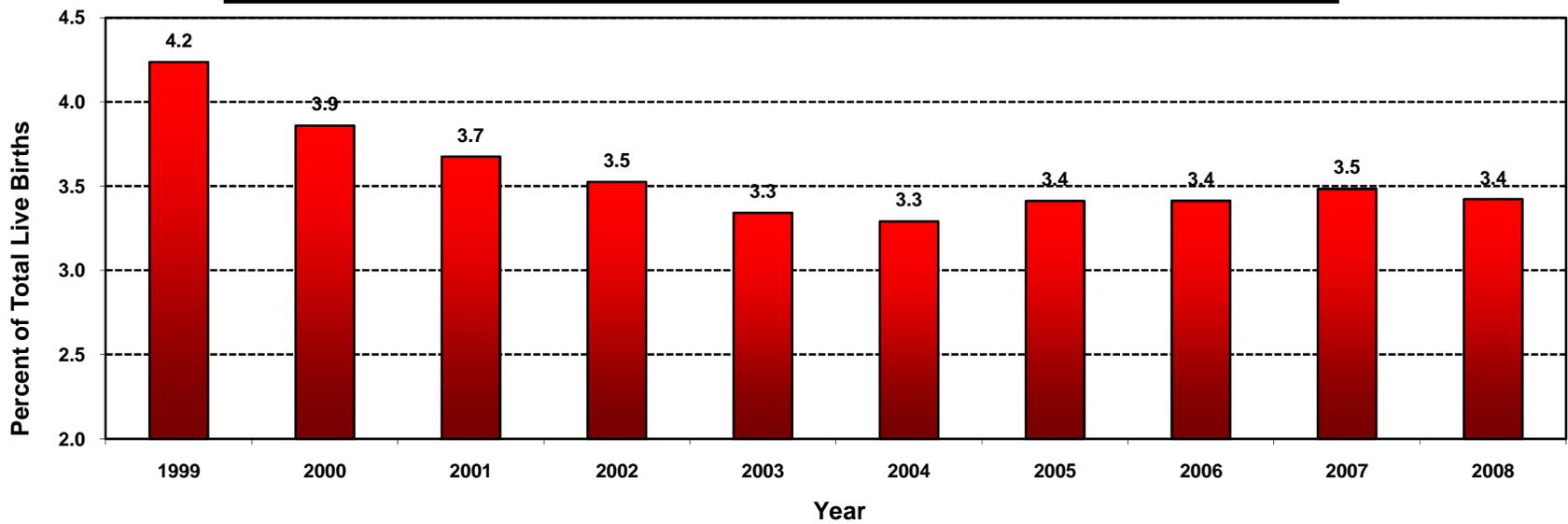
Note: This indicator addresses live births as opposed to pregnancies. Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate".

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1999-2008.

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, 1998-2008**

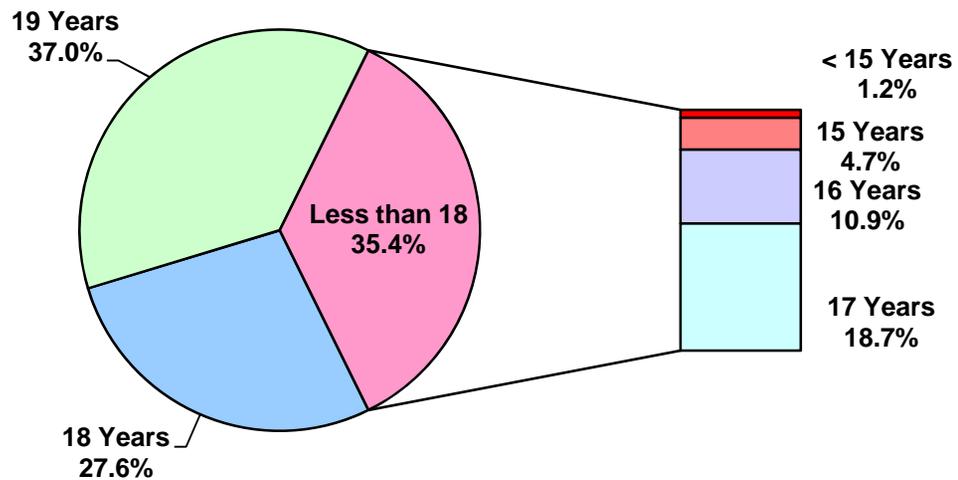


Los Angeles County, 1998-2008		
Year	Live Births to Mothers < 18 Years of Age	
	Number	Percent
1999	6,616	4.2
2000	6,075	3.9
2001	5,642	3.7
2002	5,329	3.5
2003	5,087	3.3
2004	4,986	3.3
2005	5,132	3.4
2006	5,183	3.4
2007	5,289	3.5
2008	5,055	3.4

Denominator: Total Live Births
156,153
157,391
153,523
151,167
152,192
151,504
150,377
151,837
151,813
147,684

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1999-2008.

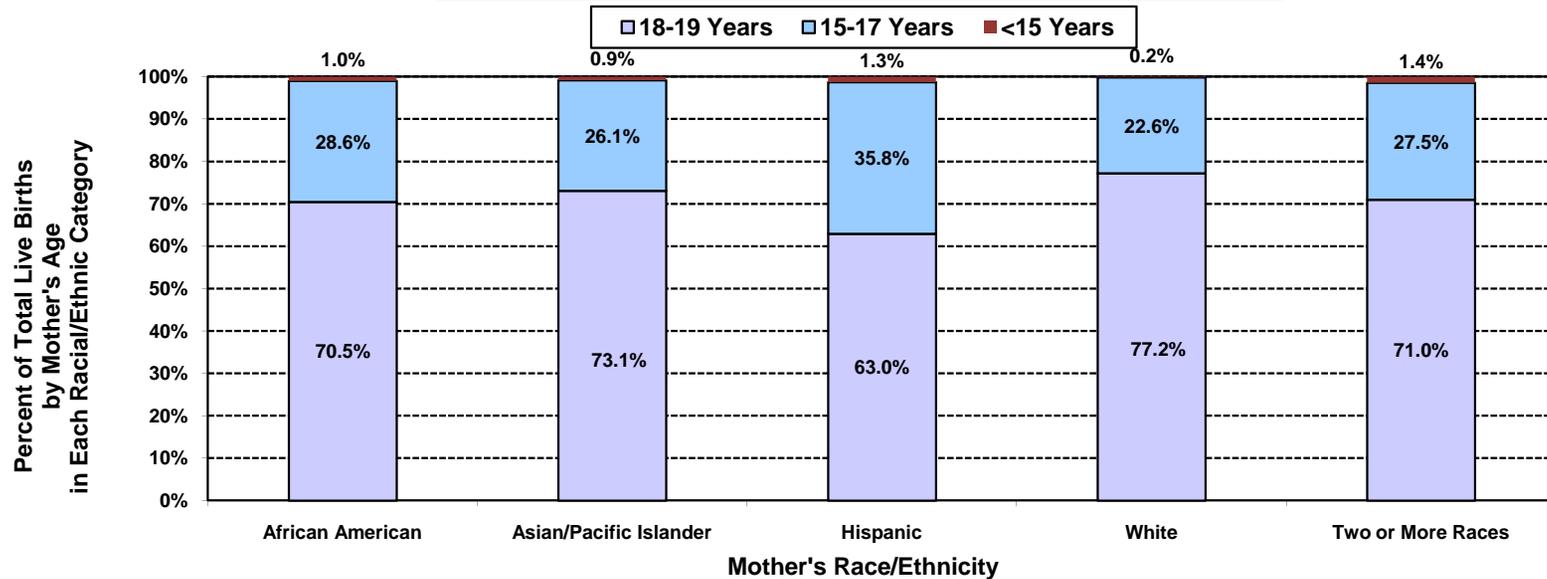
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Mother's Age
Los Angeles County, 2008**



Los Angeles County, 2008				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 15	167	1.2	1.0	1.3
15	668	4.7	4.3	5.0
16	1,551	10.9	10.4	11.4
17	2,669	18.7	18.1	19.3
18	3,943	27.6	26.9	28.3
19	5,280	37.0	36.2	37.8
Total	14,278	100.0	100.0	100.0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2008.

**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, 2008**



Los Angeles County, 2008						
Mother's Race/Ethnicity	Mother's Age					
	< 15		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent
African American	14	1.0	418	28.6	1,031	70.5
Asian/Pacific Islander	<5	N/C	61	26.1	171	73.1
Hispanic	148	1.3	4,211	35.8	7,414	63.0
Native American	<5	N/C	<5	N/C	12	80.0
White	<5	N/C	133	22.6	455	77.2
Two or More Races	<5	N/C	38	27.5	98	71.0
Other/Unknown	<5	N/C	24	36.4	42	63.6
Total	167	1.2	4,888	34.2	9,223	64.6

Total Live Births
1,463
234
11,773
15
589
138
66
14,278

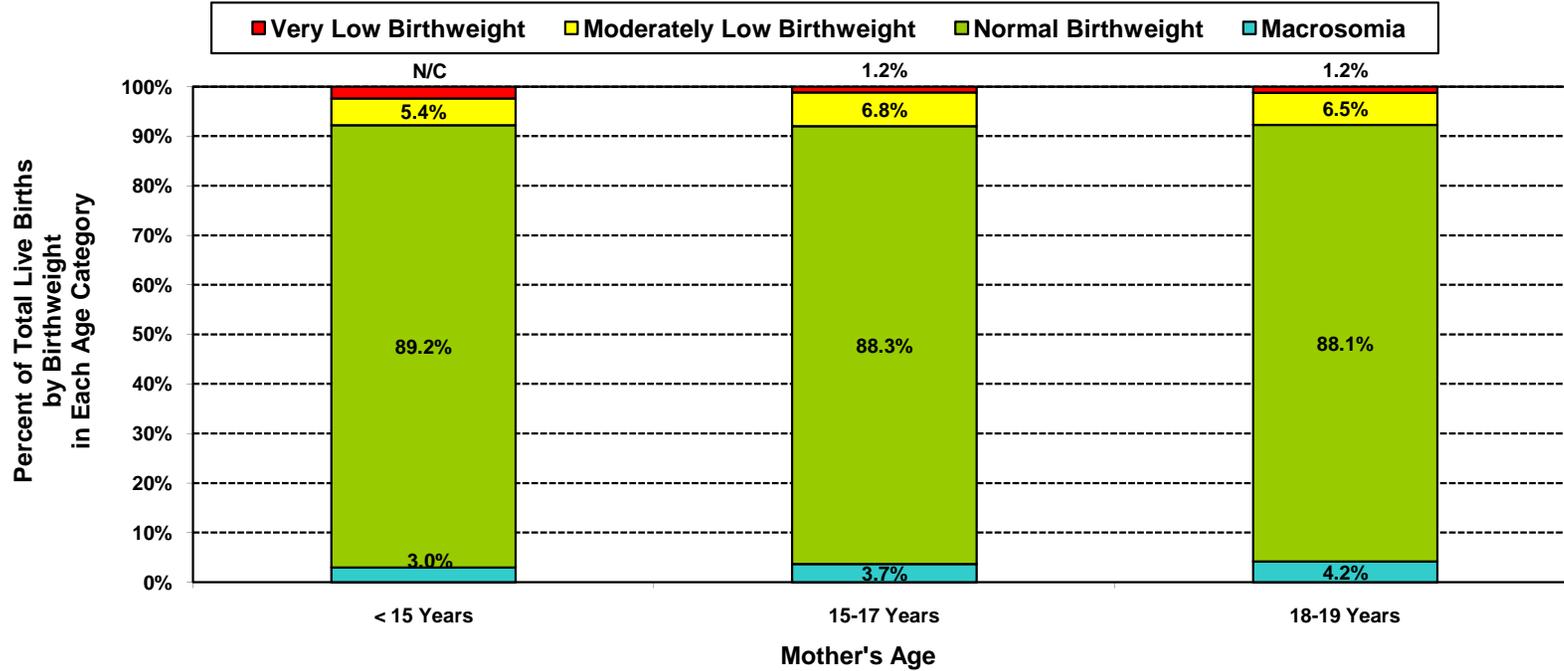
Note: Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

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, 2008.

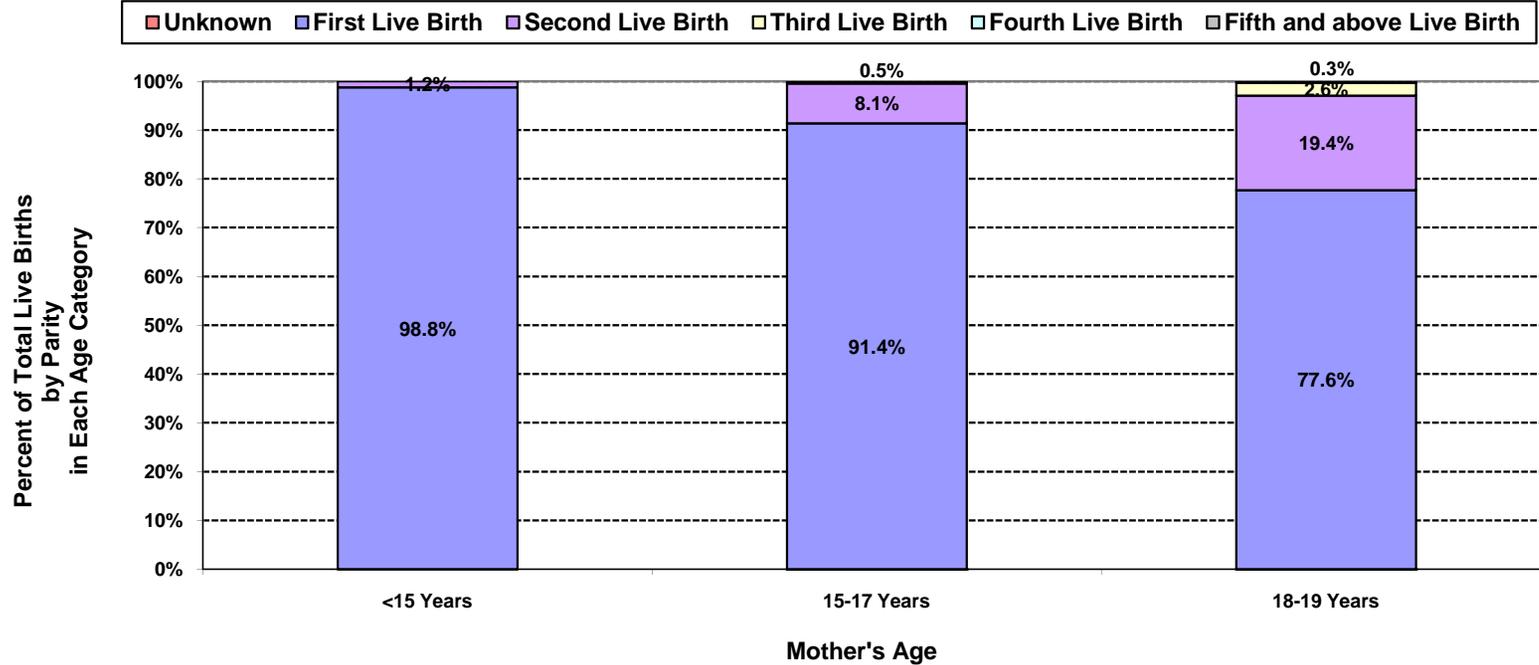
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Birthweight and by Mother's Age
Los Angeles County, 2008**



Los Angeles County, 2008											
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	<5	N/C	9	5.4	149	89.2	5	3.0	<5	N/C	167
15 to 17	57	1.2	332	6.8	4,318	88.3	181	3.7	<5	N/C	4,888
18 to 19	109	1.2	602	6.5	8,122	88.1	389	4.2	<5	N/C	9,223
Total	170	1.2	943	6.6	12,589	88.2	575	4.0	<5	N/C	14,278

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, 2008.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Parity and by Mother's Age
Los Angeles County, 2008**



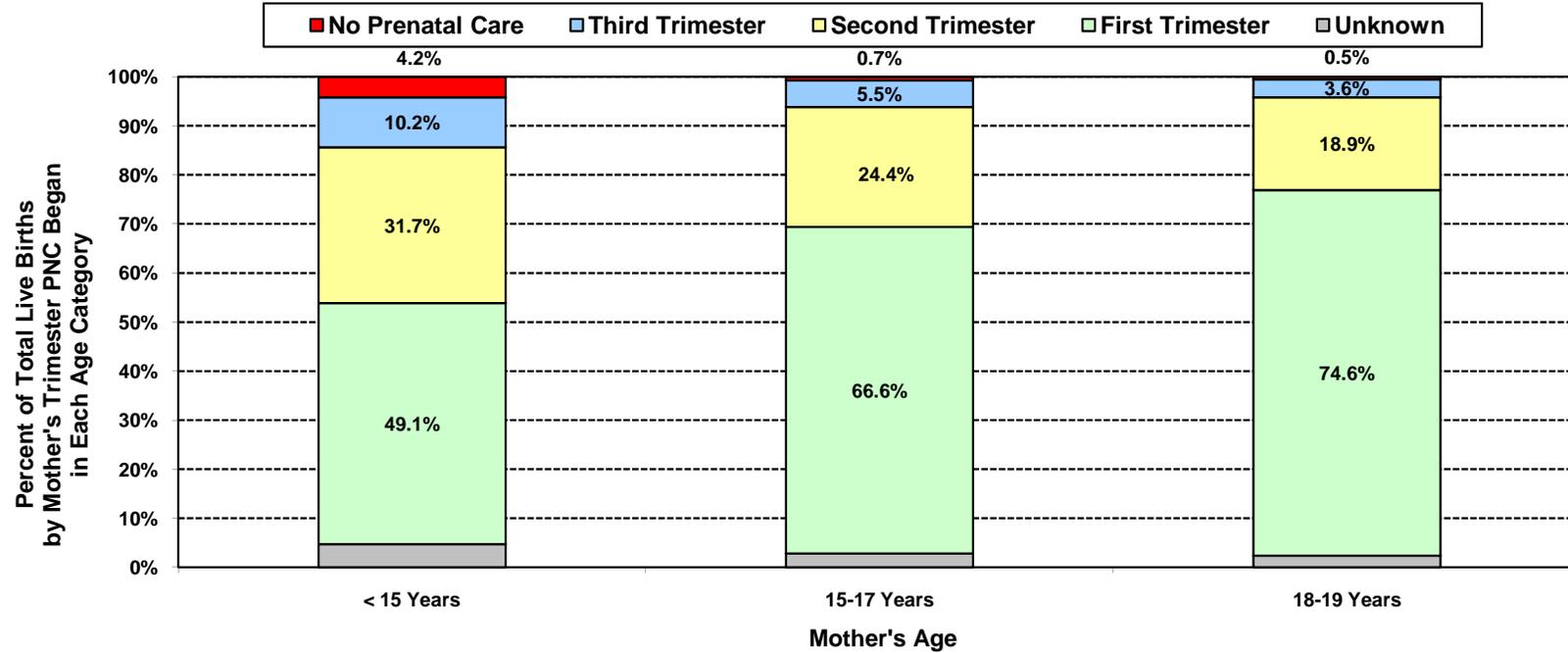
Los Angeles County, 2008													Total Live Births
Mother's Age	Parity												
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	165	98.8	<5	N/C	<5	N/C	<5	N/C	<5	N/C	<5	N/C	167
15 to 17	4,468	91.4	397	8.1	22	0.5	<5	N/C	<5	N/C	<5	N/C	4,888
18 to 19	7,157	77.6	1,789	19.4	244	2.6	25	0.3	<5	N/C	6	0.1	9,223
Total	11,790	82.6	2,188	15.3	266	1.9	25	0.2	<5	N/C	7	0.0	14,278

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, 2008.

**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, 2008**



Los Angeles County, 2008											
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	7	4.2	82	49.1	53	31.7	17	10.2	8	4.8	167
15 to 17	34	0.7	3,255	66.6	1,193	24.4	267	5.5	139	2.8	4,888
18 to 19	48	0.5	6,878	74.6	1,743	18.9	334	3.6	220	2.4	9,223
Total	89	0.6	10,215	71.5	2,989	20.9	618	4.3	367	2.6	14,278

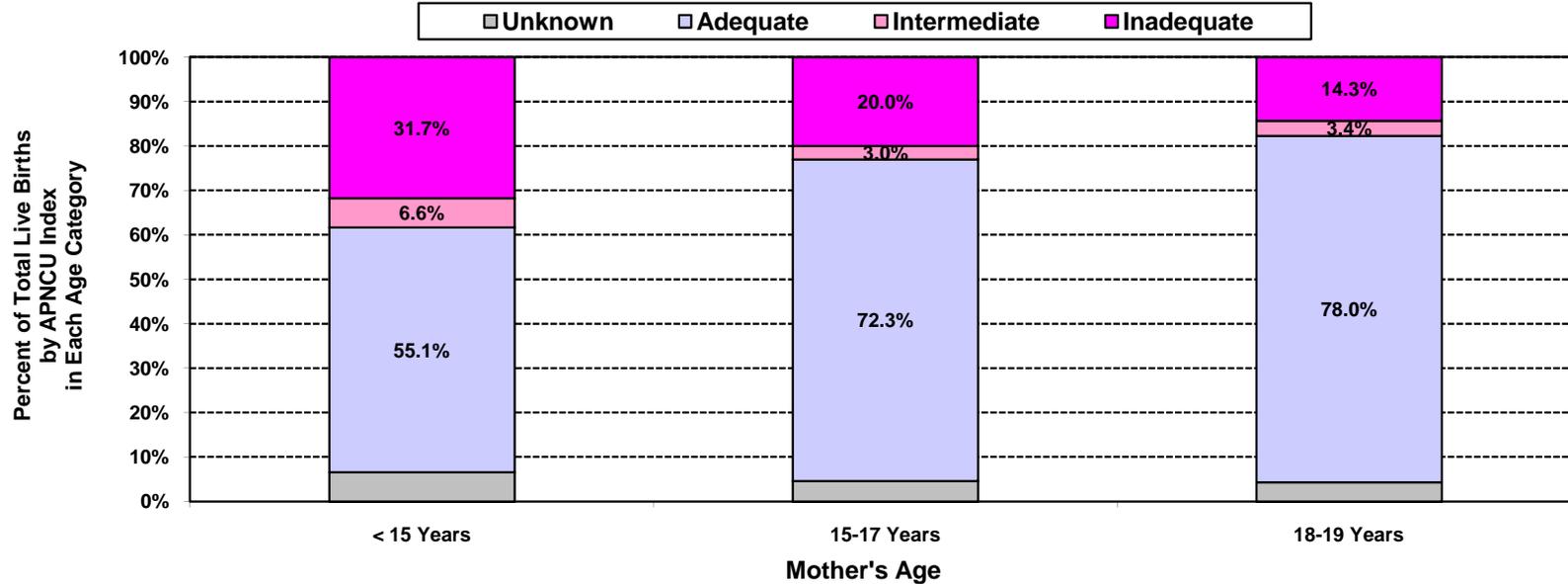
Year 2010 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 90 percent of live births.

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

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, 2008.

**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, 2008**



Los Angeles County, 2008								
Mother's Age	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 15	92	55.1	11	6.6	53	31.7	11	6.6
15 to 17	3,536	72.3	148	3.0	977	20.0	227	4.6
18 to 19	7,191	78.0	317	3.4	1,317	14.3	398	4.3
Total	10,819	75.8	476	3.3	2,347	16.4	636	4.5

Total Live Births
167
4,888
9,223
14,278

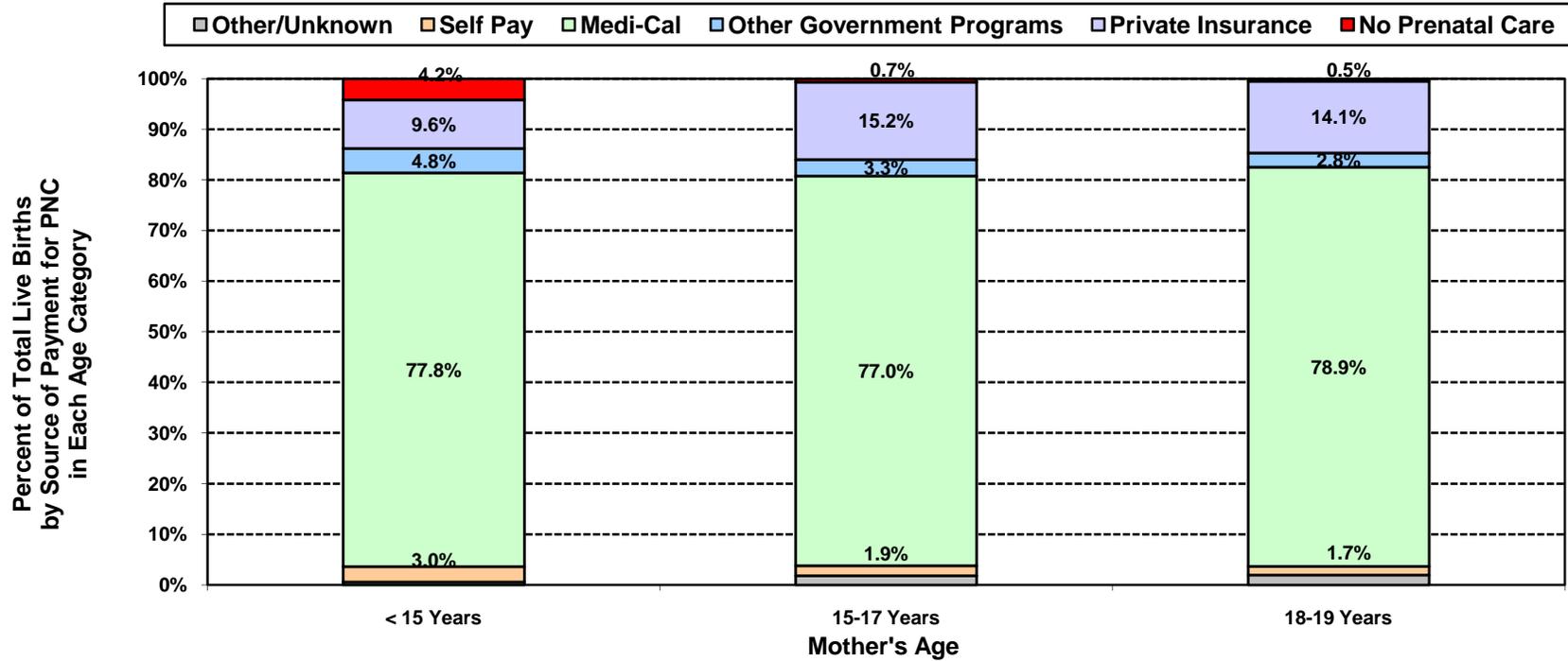
Year 2010 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 90 percent of live births.

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.

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, 2008.

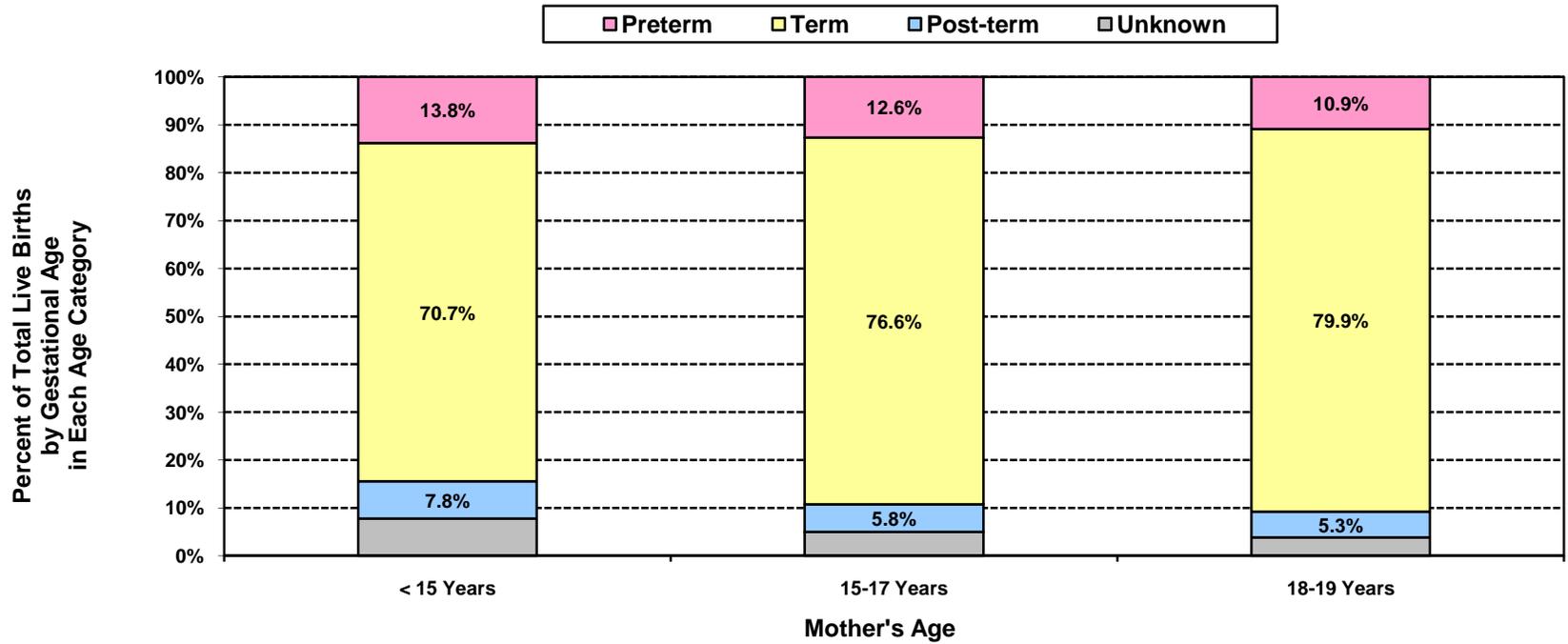
**Percent of Live Births to Mothers Less Than 20 Years of Age
by Source of Payment for Prenatal Care (PNC) and by Mother's Age
Los Angeles County, 2008**



Los Angeles County, 2008													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	7	4.2	16	9.6	8	4.8	130	77.8	5	3.0	<5	N/C	167
15 to 17	34	0.7	745	15.2	162	3.3	3,762	77.0	95	1.9	90	1.8	4,888
18 to 19	48	0.5	1,305	14.1	258	2.8	7,273	78.9	161	1.7	178	1.9	9,223
Total	89	0.6	2,066	14.5	428	3.0	11,165	78.2	261	1.8	269	1.9	14,278

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, 2008.

**Percent of Live Births to Mothers Less Than 20 Years of Age
by Gestational Age and by Mother's Age
Los Angeles County, 2008**



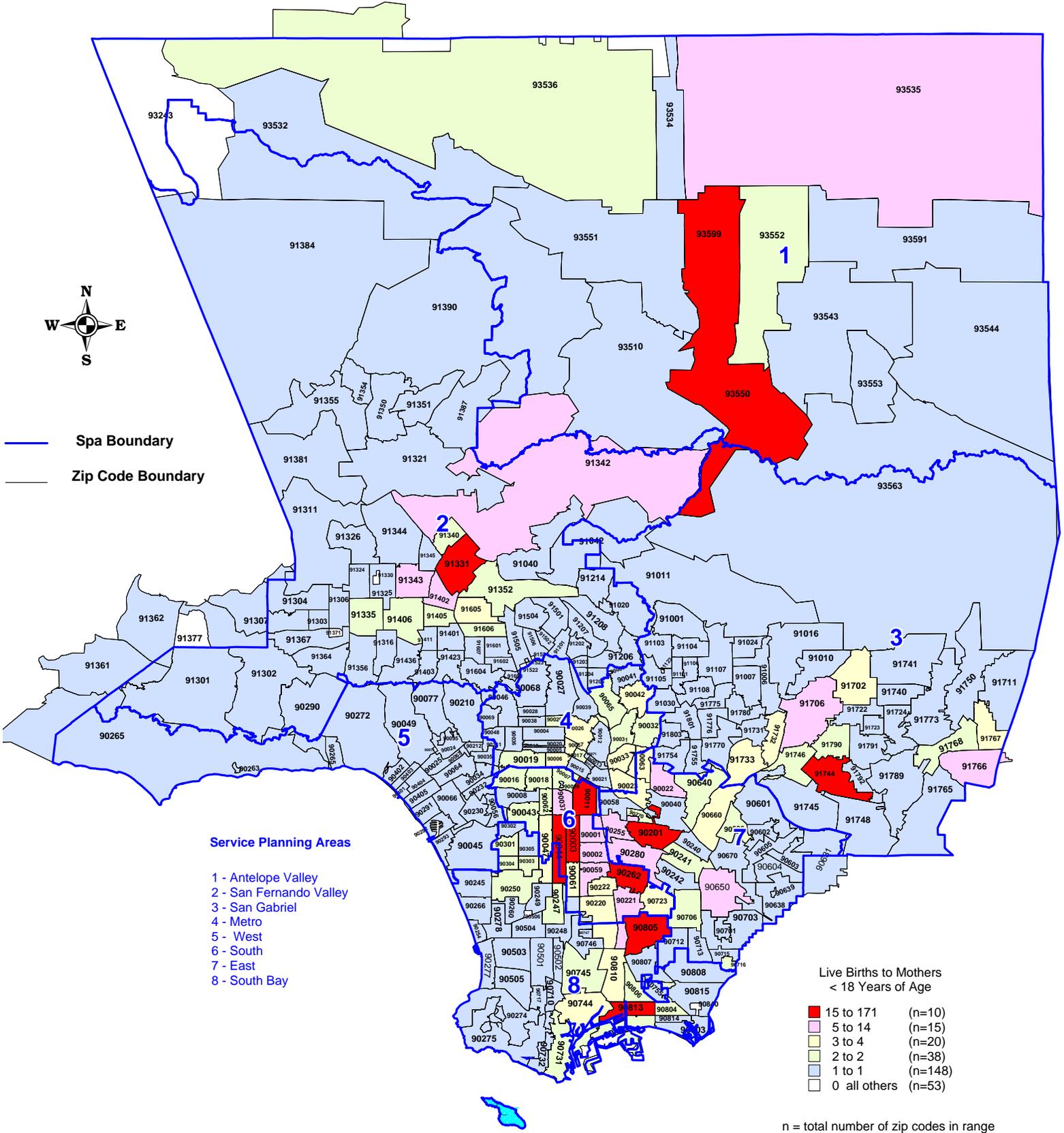
Los Angeles County, 2008											
Mother's Age	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 15	6	3.6	17	10.2	118	70.7	13	7.8	13	7.8	167
15 to 17	99	2.0	519	10.6	3,744	76.6	282	5.8	244	5.0	4,888
18 to 19	178	1.9	825	8.9	7,369	79.9	493	5.3	358	3.9	9,223
Total	283	2.0	1,361	9.5	11,231	78.7	788	5.5	615	4.3	14,278

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, 2008.

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

Los Angeles County, 2008



* Los Angeles County zip code boundaries as of April 2007

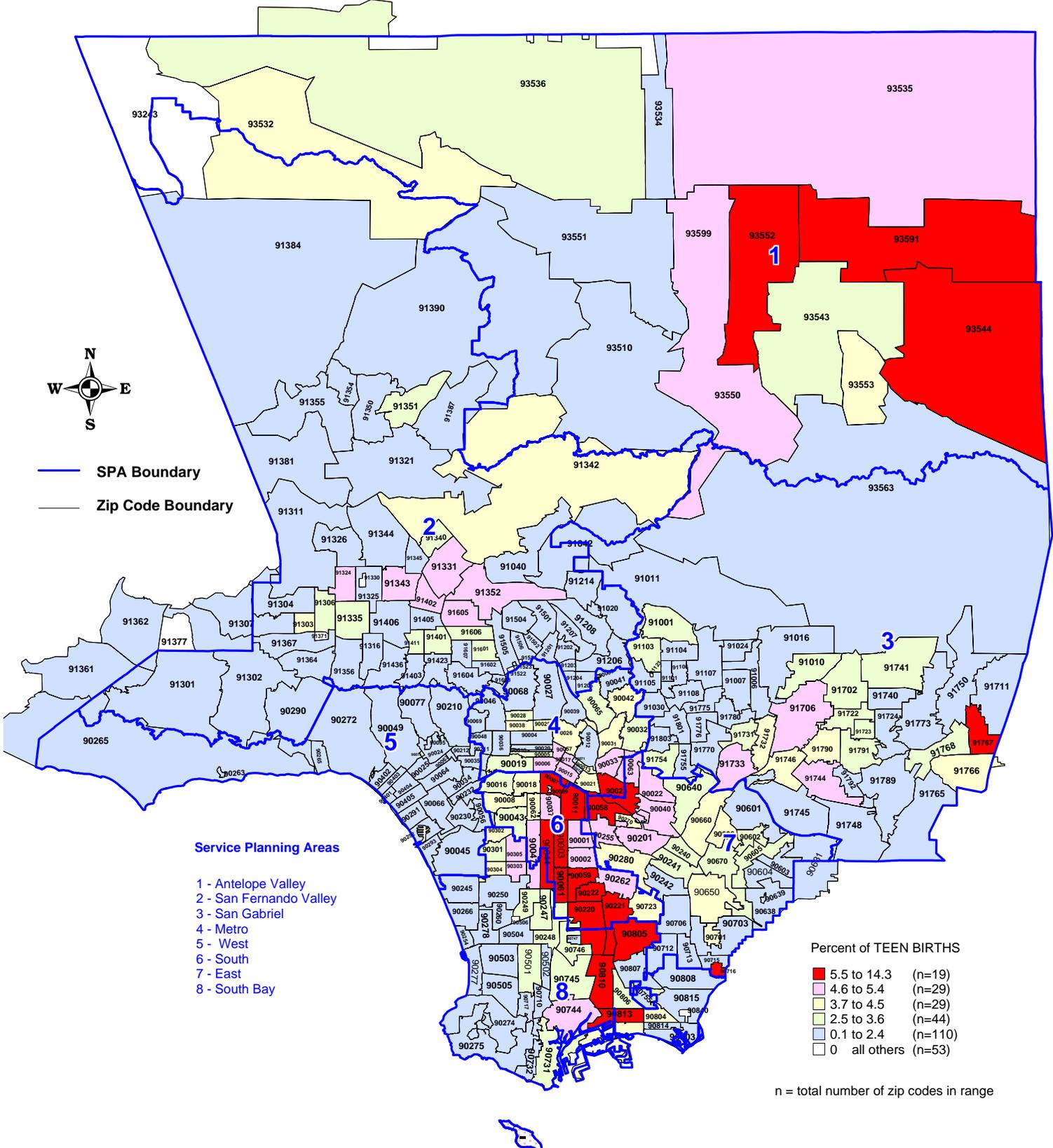
Total number of live births in Los Angeles County in 2008 = 147,684

Total number of live births by mothers less than 18 years of age in Los Angeles County in 2008 = 5,055

Source: California Department of Public Health, Center for Health Statistics, Vital Statistics Section, 2008

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

Los Angeles County, 2008



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County in 2008 = 147,684

Percent of live births by mothers less than 18 years of age in Los Angeles County in 2008 = 3.4 per 100 live births

Source: California Department of Public Health, Center for Health Statistics, Vital Statistics Section Section, 2008