

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Teen births

**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, and 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 2000 OBJECTIVE:**  
Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents. (Baseline: 71.1 pregnancies per 1,000 girls aged 15 through 17 in 1985) (Objective 5.1)

**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

**THE FOLLOWING THREE TABLES STRATIFY TEEN BIRTHS BY AGE GROUP**

**Births to adolescent females younger than 15 years of age**

Year	California				County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1990	1,390	1.4	1.4	1.5	516	1.8	1.7	2.0
1991	1,469	1.5	1.4	1.5	513	1.8	1.6	1.9
1992	1,595	1.5	1.5	1.6	554	1.9	1.7	2.0
1993	1,572	1.5	1.4	1.6	550	1.8	1.7	2.0
1994	1,687	1.6	1.5	1.6	544	1.8	1.6	1.9
1995	1,640	1.5	1.4	1.6	550	1.8	1.6	1.9
1996	1,485	1.3	1.3	1.4	477	1.5	1.4	1.7
1997	1,256	1.1	1.0	1.2	408	1.3	1.1	1.4
1998	1,066	0.9	0.9	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

Females < 15 (i.e. 10 - 14)	
DENOMINATOR:	
State	County
965,280	285,643
1,006,755	292,429
1,035,273	296,781
1,063,935	301,160
1,085,865	306,055
1,099,978	308,833
1,114,798	313,049
1,145,701	322,971
1,172,868	332,159
1,209,875	344,707

**Note:** This indicator addresses live births as opposed to pregnancies.

**Sources:** 1990-1999 birth records from California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Teen births (continued)**

**Births to adolescent females 15 to 17 years of age**

Year	California				County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1990	24,828	44.2	43.7	44.7	8,814	50.6	49.5	51.6
1991	25,914	46.5	45.9	47.0	9,078	53.4	52.3	54.4
1992	25,967	45.6	45.1	46.2	8,808	51.6	50.6	52.7
1993	26,301	45.8	45.3	46.4	8,629	51.4	50.3	52.4
1994	26,378	45.2	44.7	45.8	8,576	51.3	50.2	52.3
1995	25,821	42.9	42.4	43.4	8,369	49.4	48.4	50.4
1996	24,047	38.3	37.8	38.8	7,741	44.4	43.4	45.4
1997	23,064	35.7	35.2	36.1	7,237	40.5	39.6	41.5
1998	21,630	32.6	32.2	33.0	6,770	37.2	36.3	38.1
1999	20,209	30.1	29.7	30.5	6,293	34.4	33.6	35.3

Year	DENOMINATOR: Females 15-17		NUMERATOR: Births to 15-17 year olds					
	State	County	State Births, 15 year olds	State Births, 16 year olds	State Births, 17 year olds	County Births, 15 year olds	County Births, 16 year olds	County Births, 17 year olds
1990	561,743	174,335	3,807	7,898	13,123	1,341	2,808	4,665
1991	557,492	170,138	3,952	8,545	13,417	1,380	3,030	4,668
1992	569,137	170,568	4,070	8,547	13,350	1,339	2,918	4,551
1993	573,941	167,905	4,279	8,641	13,381	1,383	2,827	4,419
1994	583,290	167,270	4,335	8,701	13,342	1,419	2,771	4,386
1995	602,236	169,393	4,182	8,560	13,079	1,386	2,775	4,208
1996	627,740	174,348	3,886	8,093	12,068	1,251	2,655	3,835
1997	646,663	178,522	3,645	7,557	11,862	1,143	2,421	3,673
1998	663,642	181,901	3,215	7,094	11,321	1,002	2,227	3,541
1999	671,509	182,713	2,876	6,671	10,662	922	2,069	3,302

**Note:** This indicator addresses live births as opposed to pregnancies.

**Sources:** 1990-1999 birth records from California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population

Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Teen births (continued)**

**Births to adolescent females 18 to 19 years of age**

Year	California				County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	44,732	103.6	102.7	104.5	15,131	111.6	109.9	113.3
1991	44,408	109.0	108.1	110.0	15,243	122.6	120.8	124.4
1992	43,305	109.0	108.1	110.0	14,608	122.6	120.7	124.4
1993	42,218	109.1	108.1	110.1	13,999	123.4	121.5	125.3
1994	41,820	107.8	106.9	108.8	13,515	120.4	118.5	122.3
1995	40,823	105.0	104.0	105.9	13,243	120.1	118.2	122.0
1996	39,071	98.6	97.7	99.5	12,217	111.6	109.8	113.5
1997	36,787	90.1	89.3	91.0	11,293	102.2	100.4	104.0
1998	36,511	85.1	84.2	85.9	11,153	97.3	95.6	99.0
1999	36,368	80.0	79.2	80.8	10,850	89.8	88.2	91.4

Year	DENOMINATOR: Females 18-19		NUMERATOR: Births to 18 - 19 year olds			
	State	County	State Births, 18 year olds	State Births, 19 year olds	County Births, 18 year olds	County Births, 19 year olds
1990	431,798	135,572	18,981	25,751	6,538	8,593
1991	407,276	124,307	19,423	24,985	6,765	8,478
1992	397,128	119,170	18,779	24,526	6,440	8,168
1993	387,000	113,474	18,638	23,580	6,173	7,826
1994	387,800	112,212	18,548	23,272	6,046	7,469
1995	388,944	110,278	18,017	22,806	5,810	7,433
1996	396,205	109,454	17,048	22,023	5,274	6,943
1997	408,132	110,462	16,132	20,655	4,952	6,341
1998	429,256	114,609	16,018	20,493	4,944	6,209
1999	454,709	120,839	15,526	20,842	4,629	6,221

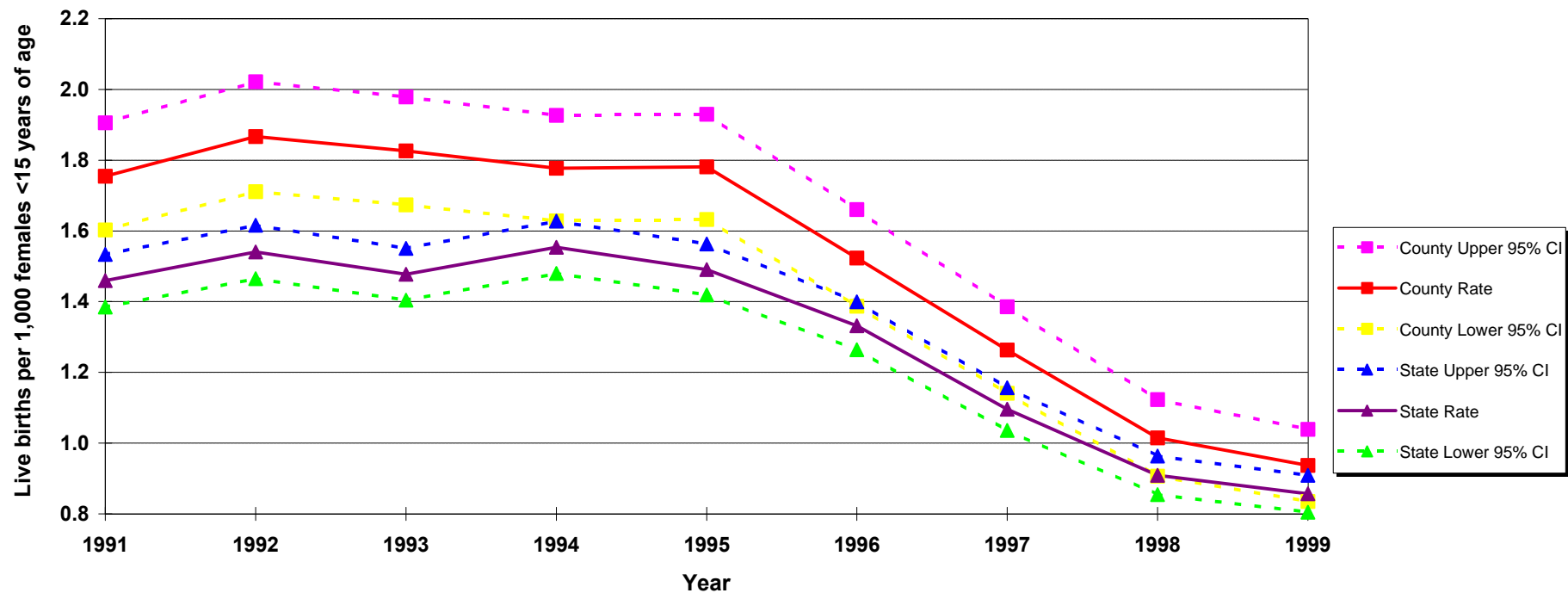
**Note:** This indicator addresses live births as opposed to pregnancies.

**Sources:** 1990-1999 birth records from California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population

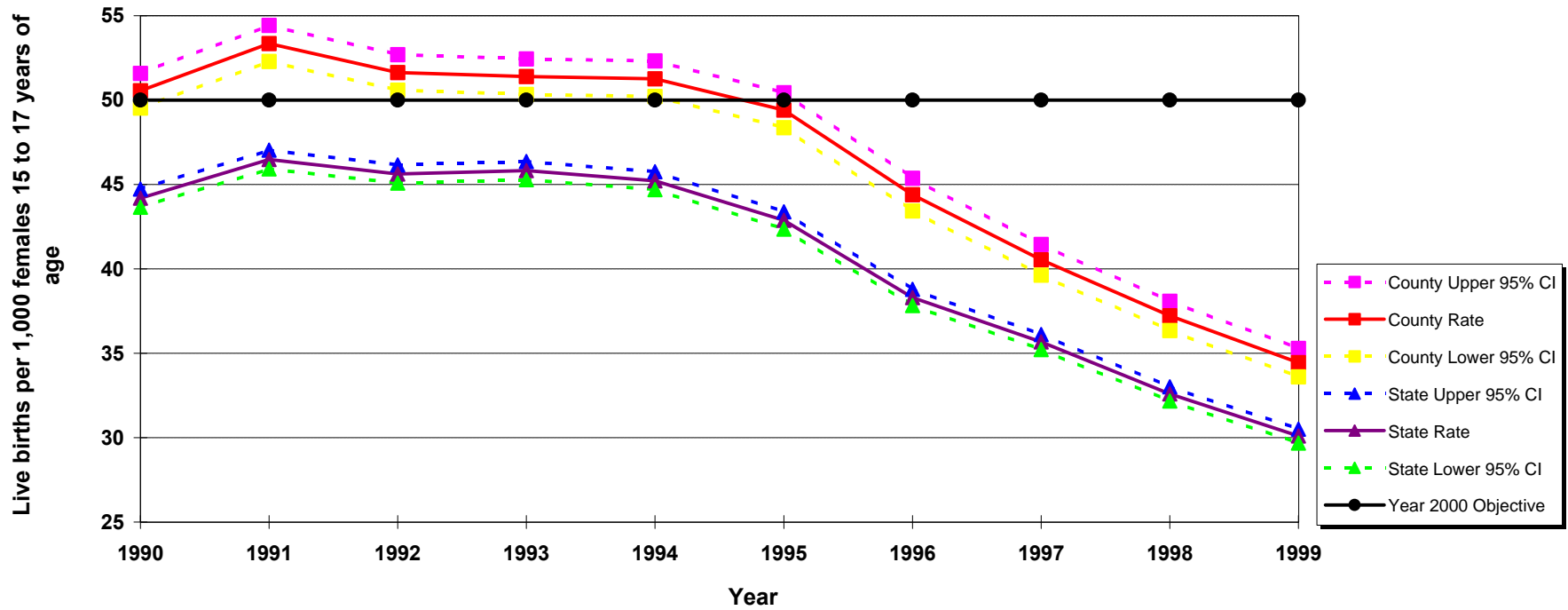
Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

## Live Births per 1,000 Adolescent Females Less Than 15 Years of Age California vs. Los Angeles County, 1990 - 1999



**Sources:** 1990-1999 birth records from California Department of Health Services, Center for Health Statistics  
 Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

## Live Births per 1,000 Adolescent Females 15 to 17 Years of Age California vs. Los Angeles County, 1990 - 1999

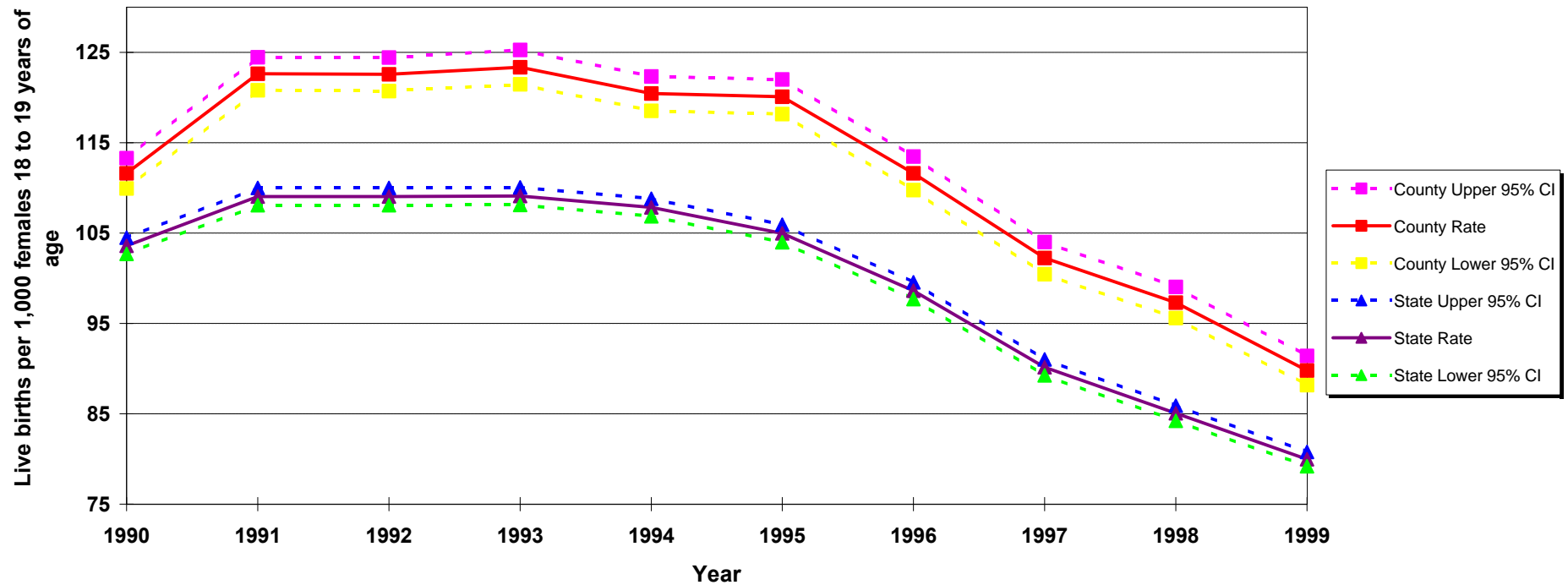


**Year 2000 Objective:** Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents.

**Note:** This indicator addresses live births as opposed to pregnancies.

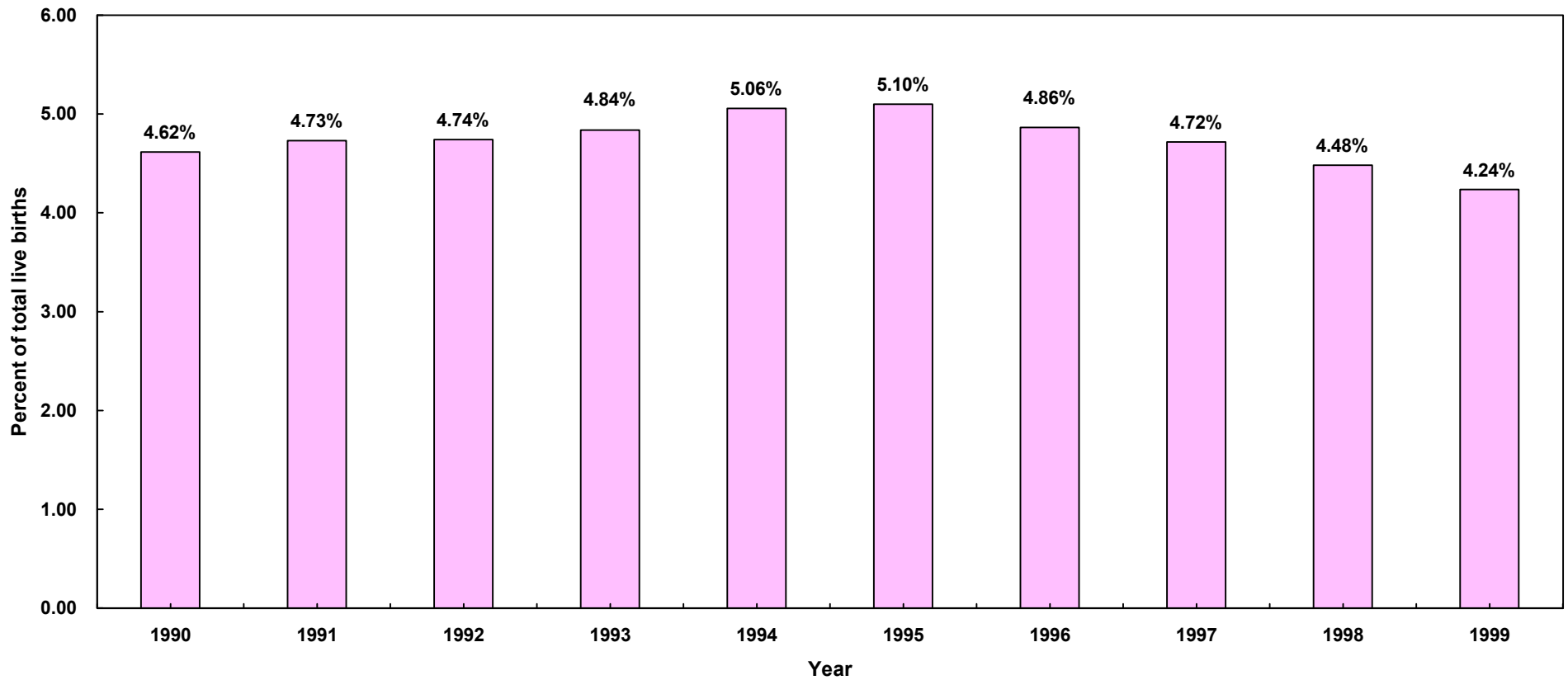
**Sources:** 1990-1999 birth records from California Department of Health Services, Center for Health Statistics  
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

## Live Births per 1,000 Adolescent Females 18 to 19 Years of Age California vs. Los Angeles County, 1990 - 1999



**Sources:** 1990-1999 birth records from California Department of Health Services, Center for Health Statistics  
 Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

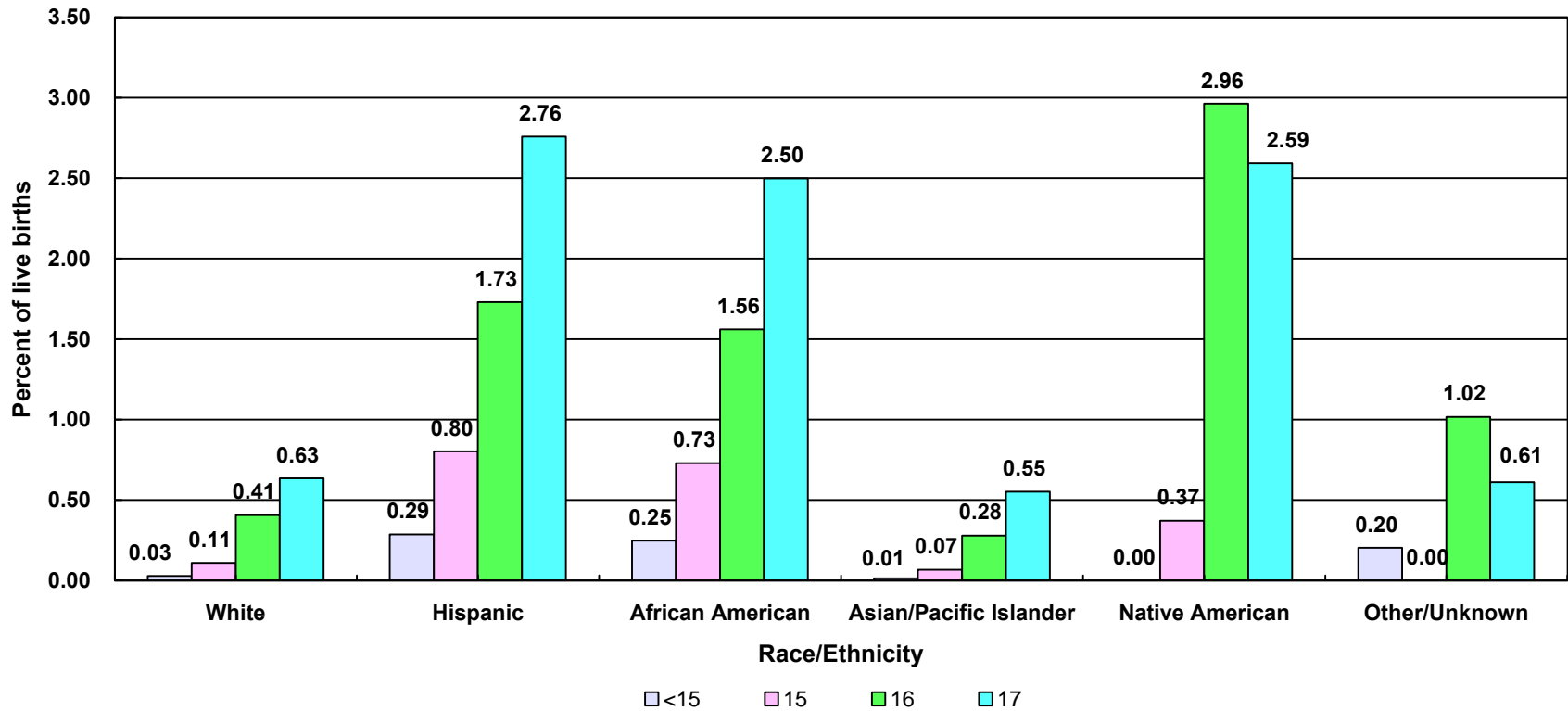
**Live Births to Mothers Less Than 18 Years Old as Percent of Total Live Births  
Los Angeles County, 1990 - 1999**



	Year																			
	1990		1991		1992		1993		1994		1995		1996		1997		1998		1999	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 18	9,330	4.62	9,591	4.73	9,362	4.74	9,179	4.84	9,120	5.06	8,919	5.10	8,218	4.86	7,645	4.72	7,107	4.48	6,616	4.24
<b>Total</b>	<b>202,124</b>	<b>100.00</b>	<b>202,737</b>	<b>100.00</b>	<b>197,415</b>	<b>100.00</b>	<b>189,706</b>	<b>100.00</b>	<b>180,394</b>	<b>100.00</b>	<b>174,862</b>	<b>100.00</b>	<b>168,973</b>	<b>100.00</b>	<b>162,036</b>	<b>100.00</b>	<b>158,604</b>	<b>100.00</b>	<b>156,153</b>	<b>100.00</b>

Source: 1990-1999 birth records from the California Department of Health Services, Center for Health Statistics

**Percent of Live Births to Mothers Less Than 18 Years Old  
by Mother's Race/Ethnicity\***  
Los Angeles County, 1999



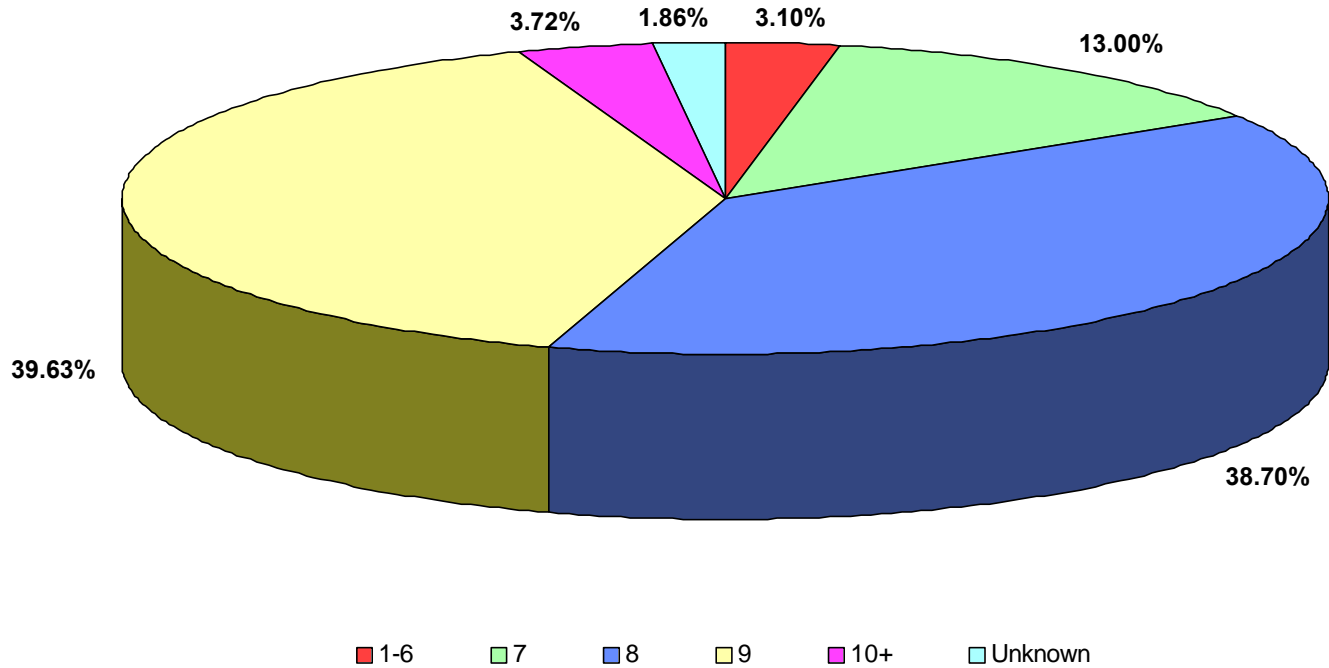
Live Births	Race/Ethnicity											
	White		Hispanic		African American		Asian/Pacific Islander		Native American		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<15	8	0.03	278	0.29	34	0.25	2	0.01	0	0.00	1	0.20
15	32	0.11	779	0.80	100	0.73	10	0.07	1	0.37	0	0.00
16	120	0.41	1,680	1.73	214	1.56	42	0.28	8	2.96	5	1.02
17	187	0.63	2,679	2.76	343	2.50	83	0.55	7	2.59	3	0.61
<b>Total</b>	<b>29,514</b>	<b>100.00</b>	<b>97,103</b>	<b>100.00</b>	<b>13,724</b>	<b>100.00</b>	<b>15,050</b>	<b>100.00</b>	<b>270</b>	<b>100.00</b>	<b>492</b>	<b>100.00</b>

Note: \*White, African American, Asian, Pacific Islander, Native American and other races exclude Hispanic ethnicity  
Hispanic includes any race category.

Source: 1999 birth records from the California Department of Health Services, Center for Health Statistics



**Percent of Live Births to Mothers Less Than 15 Years Old  
by Years of Education  
Los Angeles County, 1999**



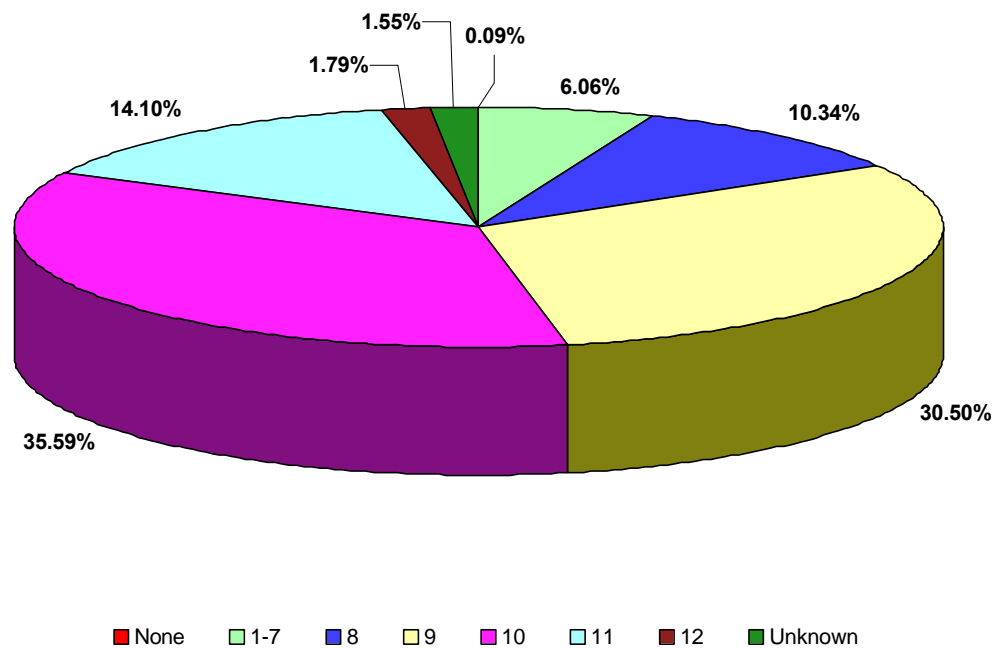
Years of Education													
None		1-6		7		8		9		10 +		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0	0.00	10	3.10	42	13.00	125	38.70	128	39.63	12	3.72	6	1.86

Note: Total live births in Los Angeles County, 1999 = 156,153

10+ : Those who had 10th grade education or higher (includes 3 births whose mother reported higher than 10th grade education).

Source: 1999 birth records from the California Department of Health Services,  
Center for Health Statistics

**Percent of Live Births to Mothers Less Than 17 Years Old  
by Years of Education  
Los Angeles County, 1999**



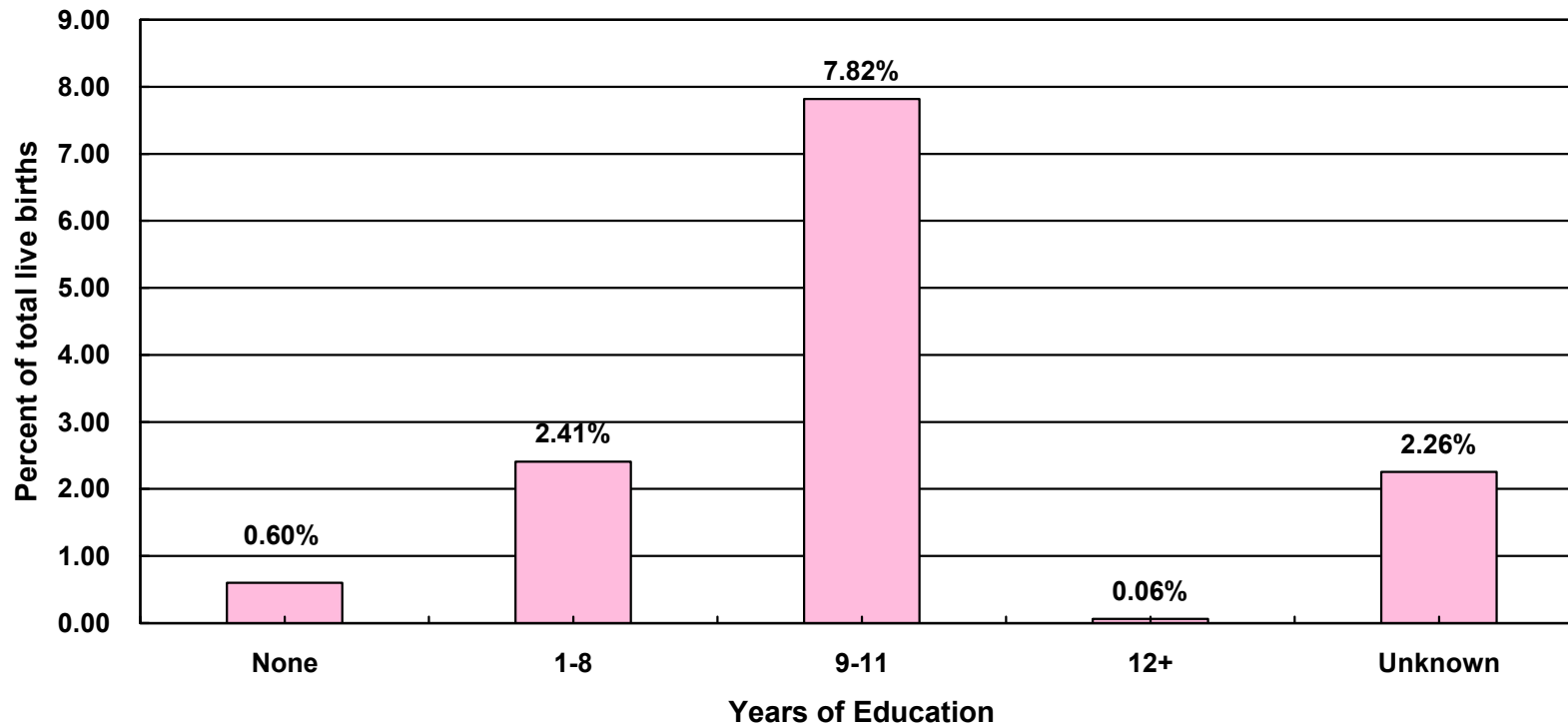
Years of Education															
None		1-7		8		9		10		11		12+		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
3	0.09	215	6.03	341	10.29	1,006	30.36	1,174	35.43	465	14.03	55	1.78	51	1.54

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1999 = 3,314

12+ : Those who had 12th grade education or higher (includes 4 births whose mother reported higher than 12th grade education).

Source: 1999 birth records from the California Department of Health Services,  
Center for Health Statistics

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births, by Years of Education**  
Los Angeles County, 1999



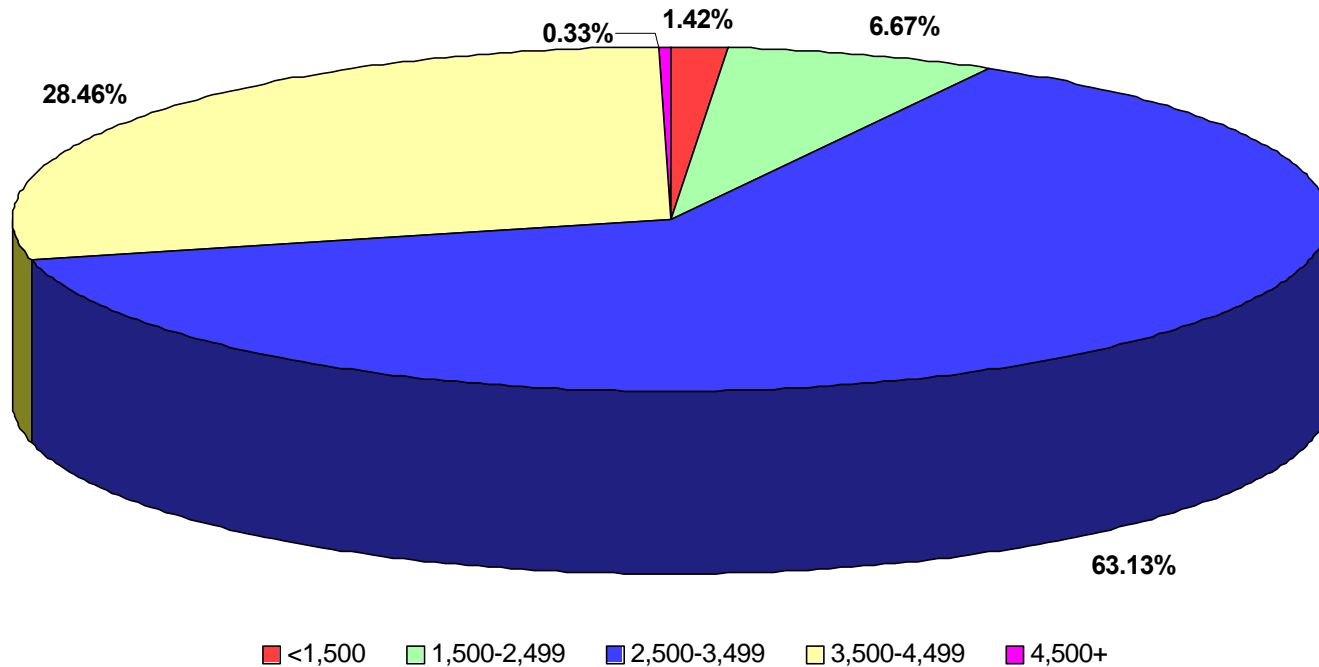
	Years of Education									
	None		1-8		9-11		12+		Unknown	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	3	0.60	556	2.41	2,645	7.82	59	0.06	51	2.26
<b>Total</b>	501	100.00	23,104	100.00	33,828	100.00	96,460	100.00	2,260	100.00

**Note:** Total live births in Los Angeles County = 156,153

12+ : Those who had 12th grade education or higher (includes 4 births whose mother reported higher than 12th grade education).

**Source:** 1999 birth records from the California Department of Health Services, Center for Health Statistics

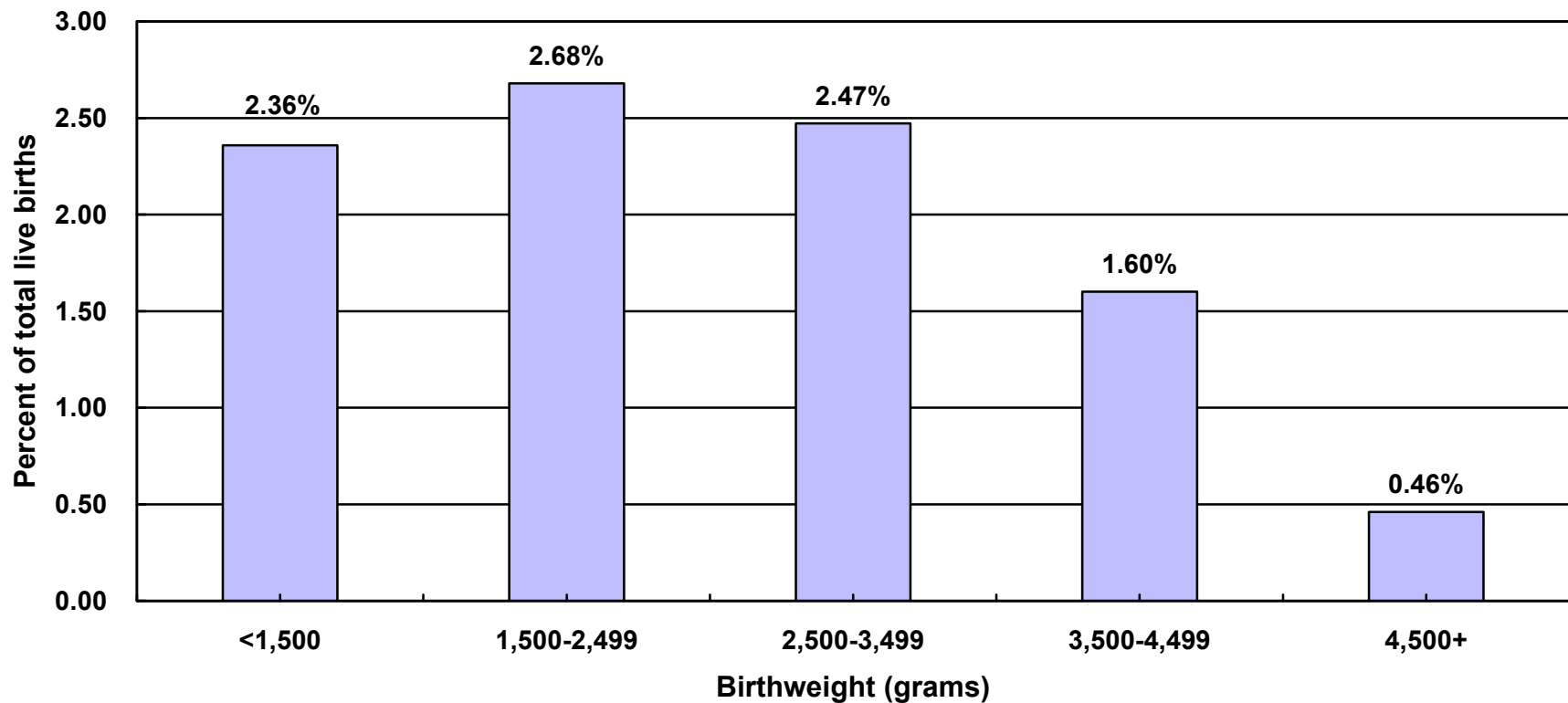
**Percent of Live Births to Mothers Less Than 17 Years Old by Birthweight**  
**Los Angeles County, 1999**



Birthweight (grams)									
<1,500		1,500-2,499		2,500-3,499		3,500-4,499		4,500+	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
47	1.42	221	6.67	2,092	63.13	943	28.46	11	0.33

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1999 = 3,314  
 Source: 1999 birth records from the California Department of Health Services,  
 Center for Health Statistics

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births by Birthweight  
Los Angeles County, 1999**



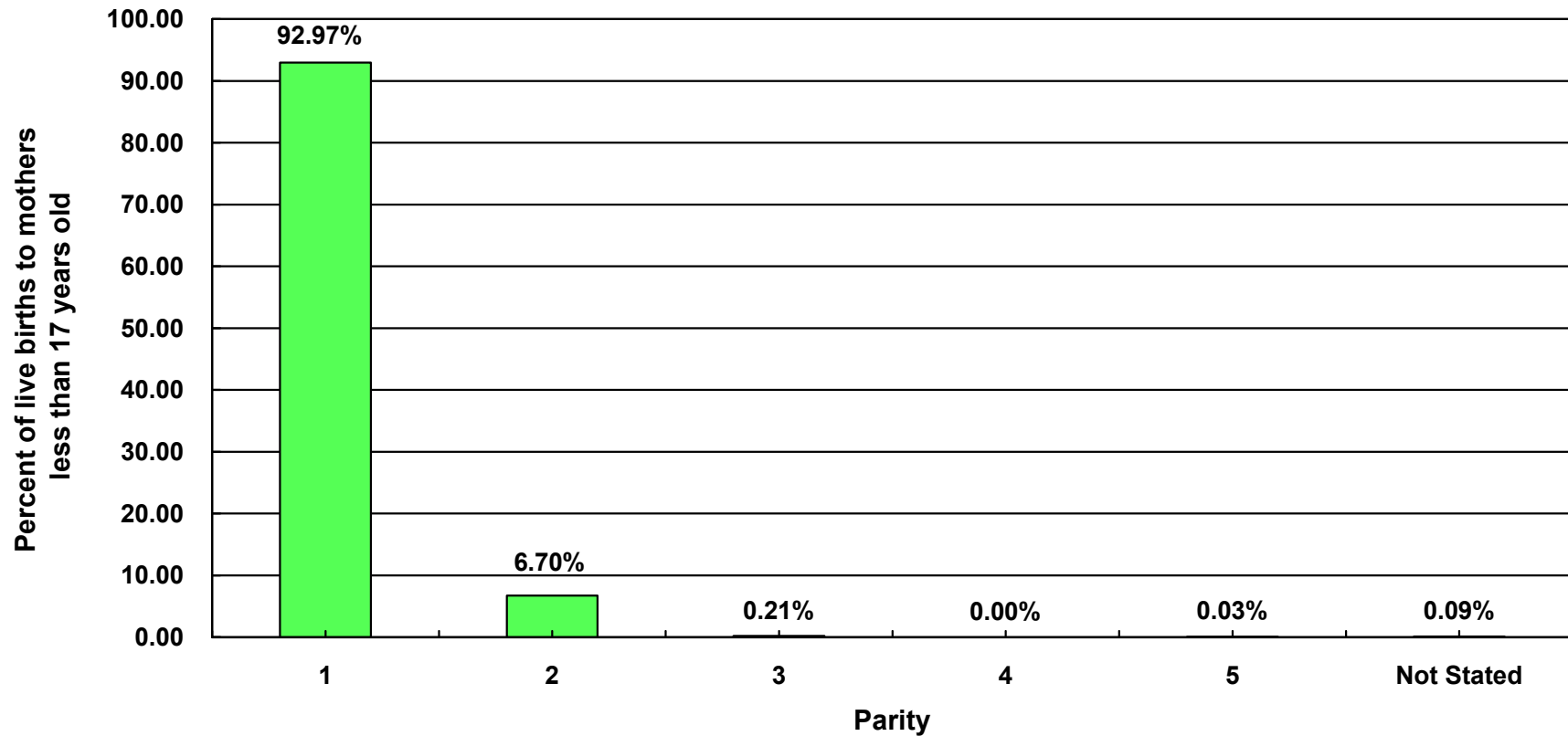
	Birthweight (grams)									
	<1,500		1,500-2,499		2,500-3,499		3,500-4,499		4,500+	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	47	2.36	221	2.68	2,092	2.47	943	1.60	11	0.46
<b>Total</b>	1,993	100.00	8,239	100.00	84,641	100.00	58,894	100.00	2,386	100.00

**Note:** Total live births in Los Angeles County = 156,153

**Source:** 1999 birth records from the California Department of Health Services, Center for Health Statistics

## Percent of Live Births to Mothers Less Than 17 Years Old by Parity

Los Angeles County, 1999



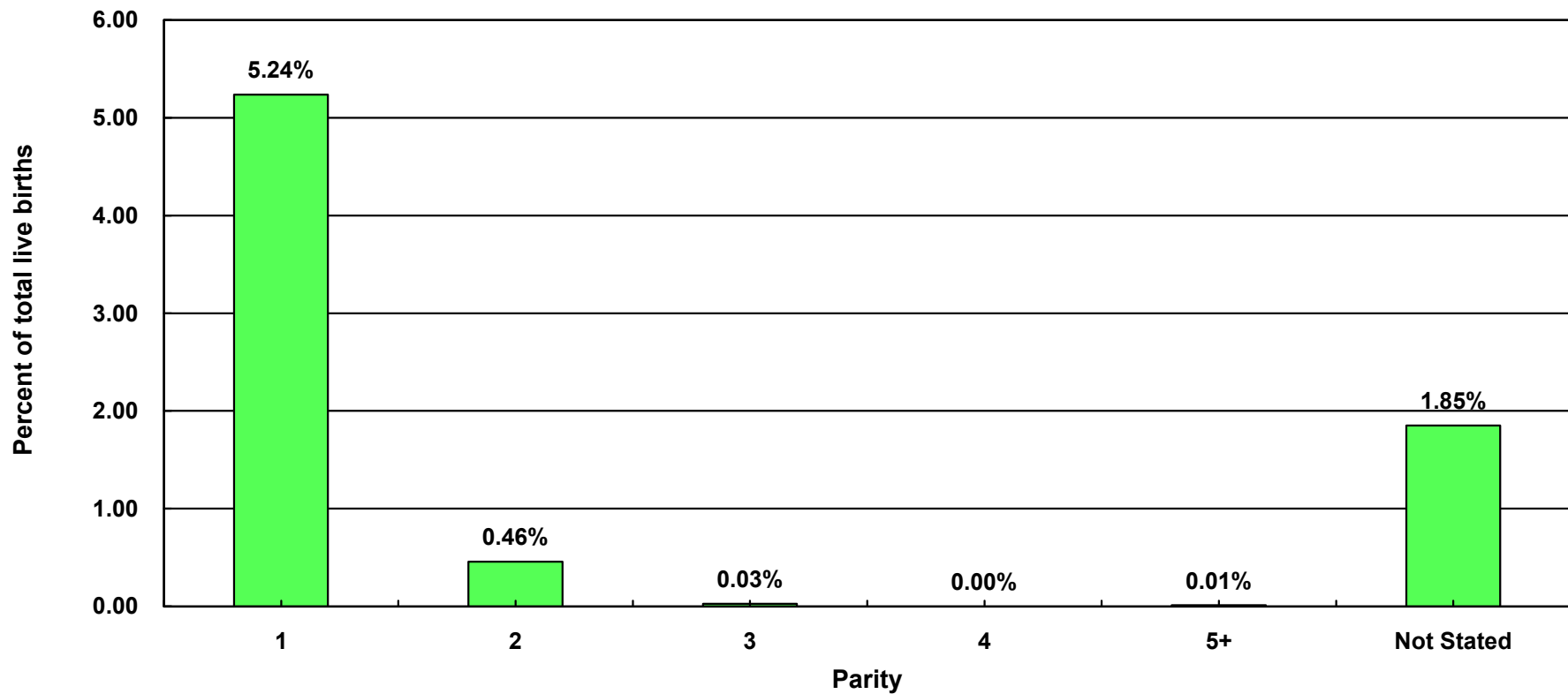
Parity											
1		2		3		4		5+		Not Stated	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
3,081	86.40	222	6.23	7	0.20	0	0.00	1	0.03	3	0.08

**Note:** Total live births to mothers less than 17 years old in Los Angeles County, 1999=3,314

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

**Source:** 1999 birth records from the California Department of Health Services, Center for Health Statistics

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births, by Parity**  
Los Angeles County, 1999



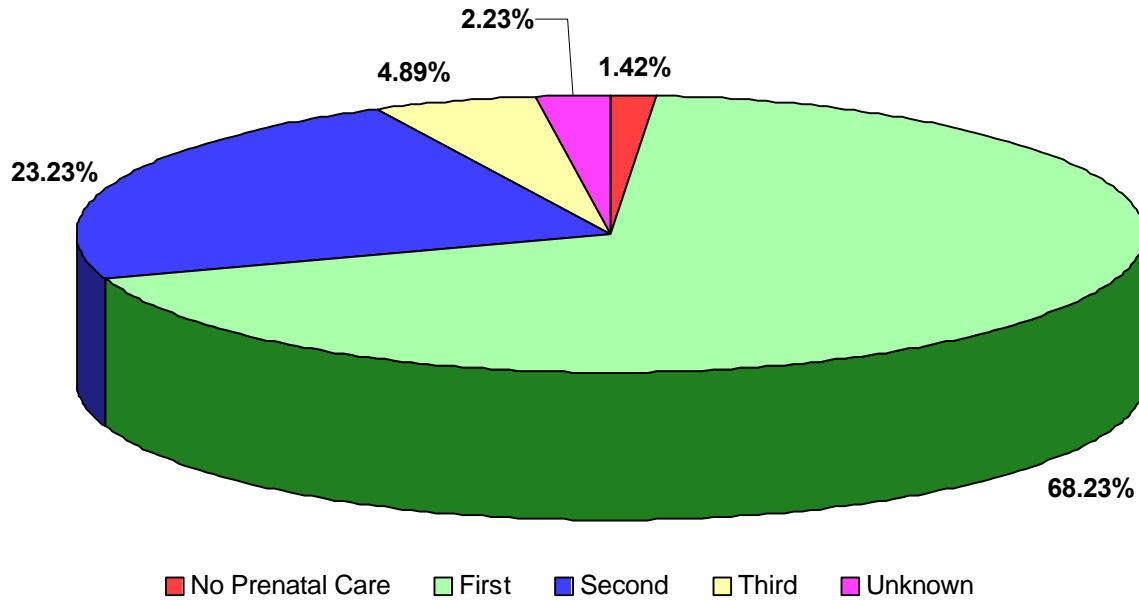
	Parity											
	1		2		3		4		5+		Not Stated	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	3,081	5.24	222	0.46	7	0.03	0	0.00	1	0.01	3	1.85
<b>Total</b>	<b>58,827</b>	<b>100.00</b>	<b>48,735</b>	<b>100.00</b>	<b>27,877</b>	<b>100.00</b>	<b>12,048</b>	<b>100.00</b>	<b>8,494</b>	<b>100.00</b>	<b>162</b>	<b>100.00</b>

**Note:** Total live births in Los Angeles County = 156,153

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

**Source:** 1999 birth records from the California Department of Health Services, Center for Health Statistics

**Percent of Live Births to Mothers Less Than 17 Years Old  
by Trimester Prenatal Care Began**  
Los Angeles County, 1999

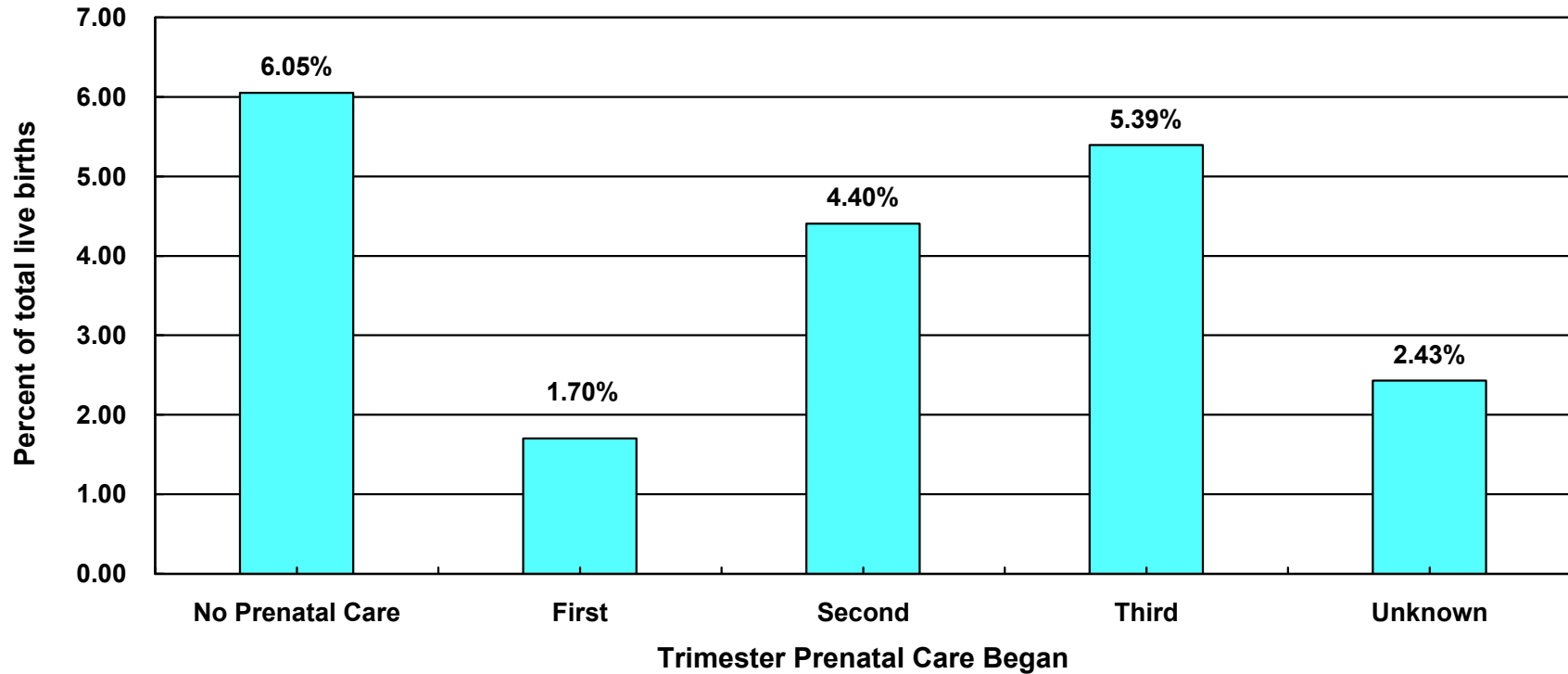


Trimester Prenatal Care Began									
No Prenatal Care		First		Second		Third		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
47	1.42	2,261	68.23	770	23.23	162	4.89	74	2.23

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1999=3,314  
 Source: 1999 birth records from the California Department of Health Services,  
 Center for Health Statistics



**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births by Trimester Prenatal Care Began  
Los Angeles County, 1999**

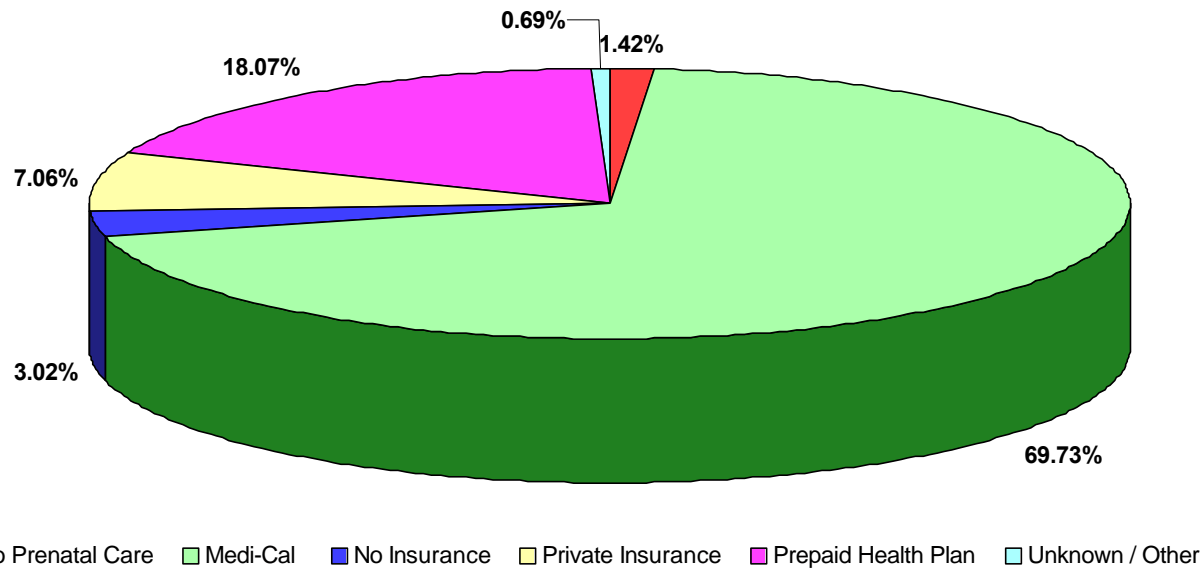


	Trimester Prenatal Care Began									
	No Prenatal Care		First		Second		Third		Unknown	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	48	6.05	2,261	1.70	770	4.40	162	5.39	73	2.43
<b>Total</b>	793	100.00	132,670	100.00	17,482	100.00	3,004	100.00	3,004	100.00

**Note:** Total live births in Los Angeles County = 156,153

**Source:** 1999 birth records from the California Department of Health Services, Center for Health Statistics

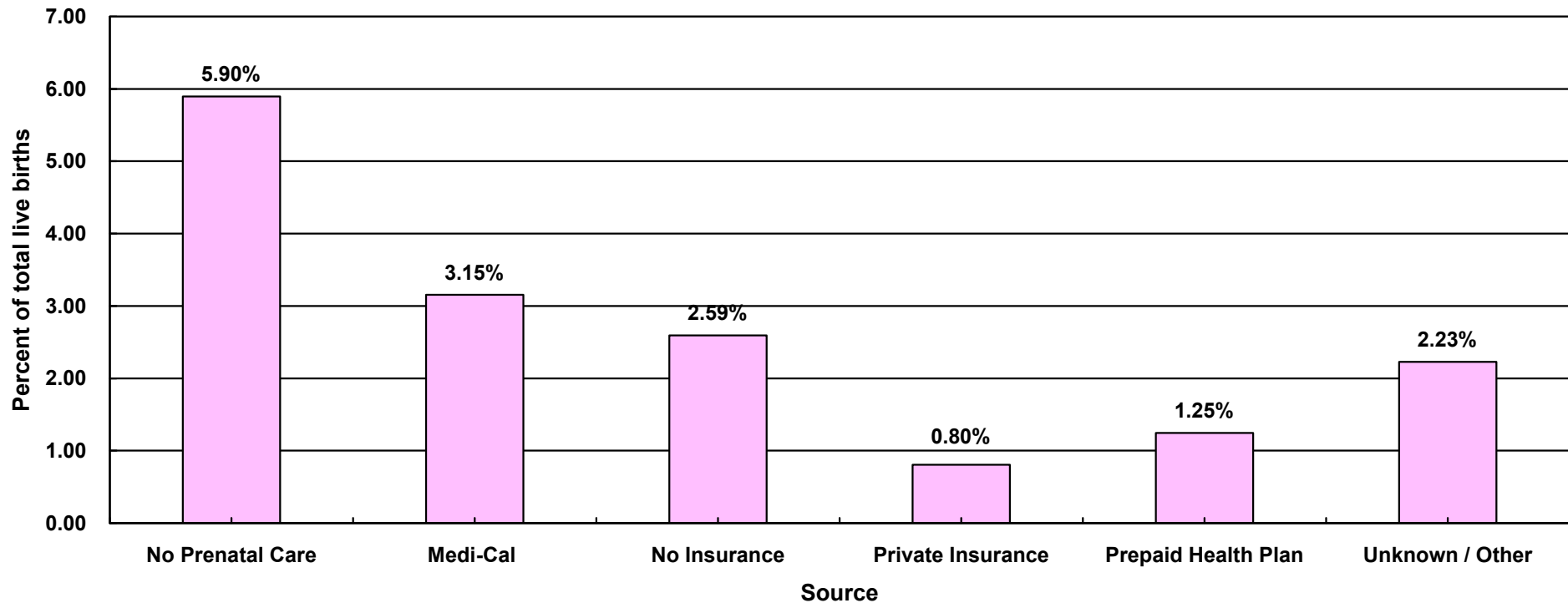
**Percent of Live Births to Mothers Less Than 17 Years Old  
by Payment Source for Prenatal Care  
Los Angeles County, 1999**



Source of Payment											
No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
47	1.42	2,311	69.73	100	3.02	234	7.06	599	18.07	23	0.69

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1999=3,314  
 Source: 1999 birth records from the California Department of Health Services,  
 Center for Health Statistics

**Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births  
by Payment Source for Prenatal Care  
Los Angeles County, 1999**



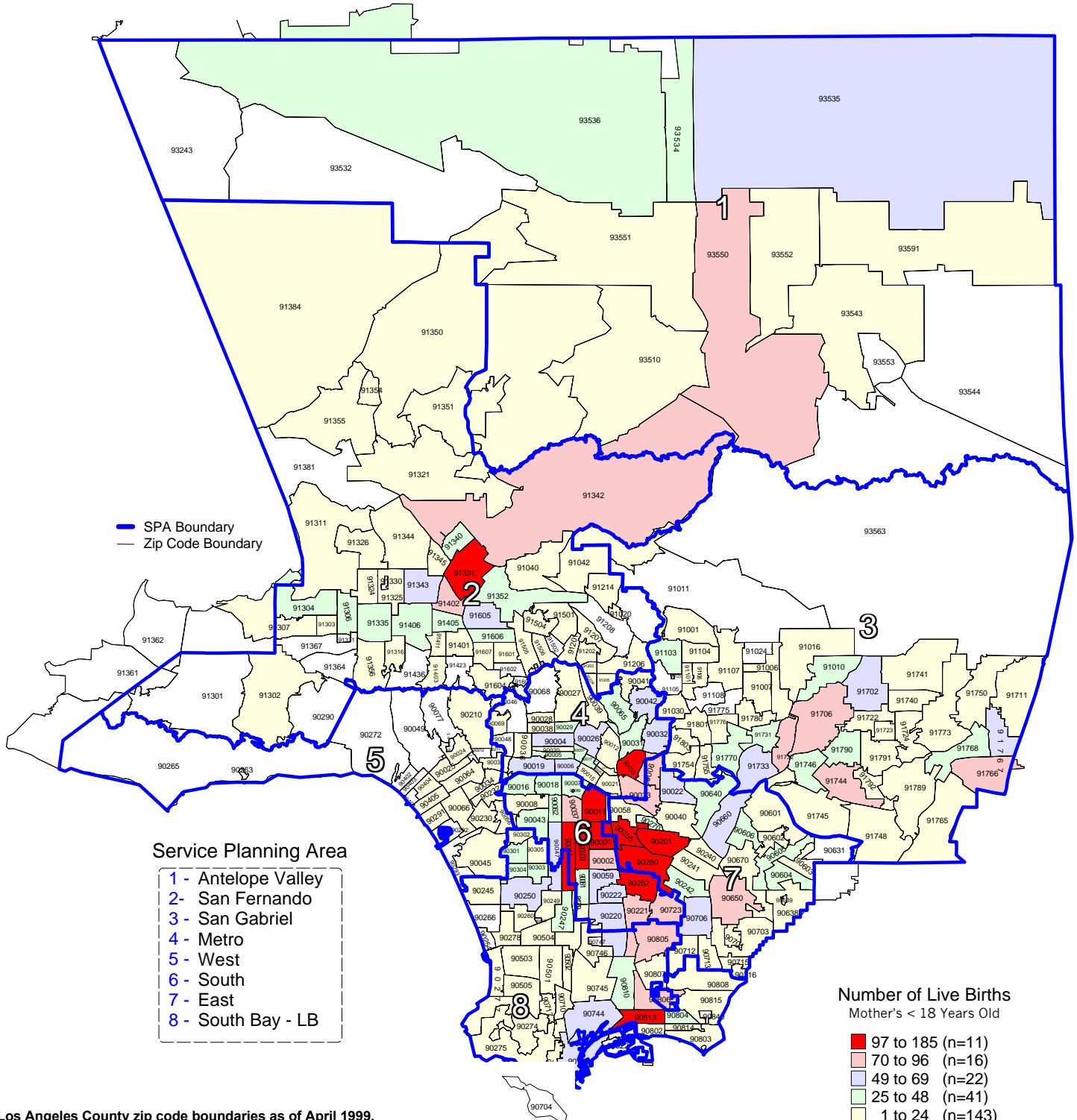
	Source of Payment											
	No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	47	5.90	2,311	3.15	100	2.59	234	0.80	599	1.25	23	2.23
<b>Total</b>	797	100.00	73,259	100.00	3,855	100.00	29,121	100.00	48,088	100.00	1,033	100.00

**Note:** Total live births in Los Angeles County = 156,153

**Source:** 1999 birth records from the California Department of Health Services, Center for Health Statistics

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

Los Angeles County, 1999



\*Los Angeles County zip code boundaries as of April 1999.

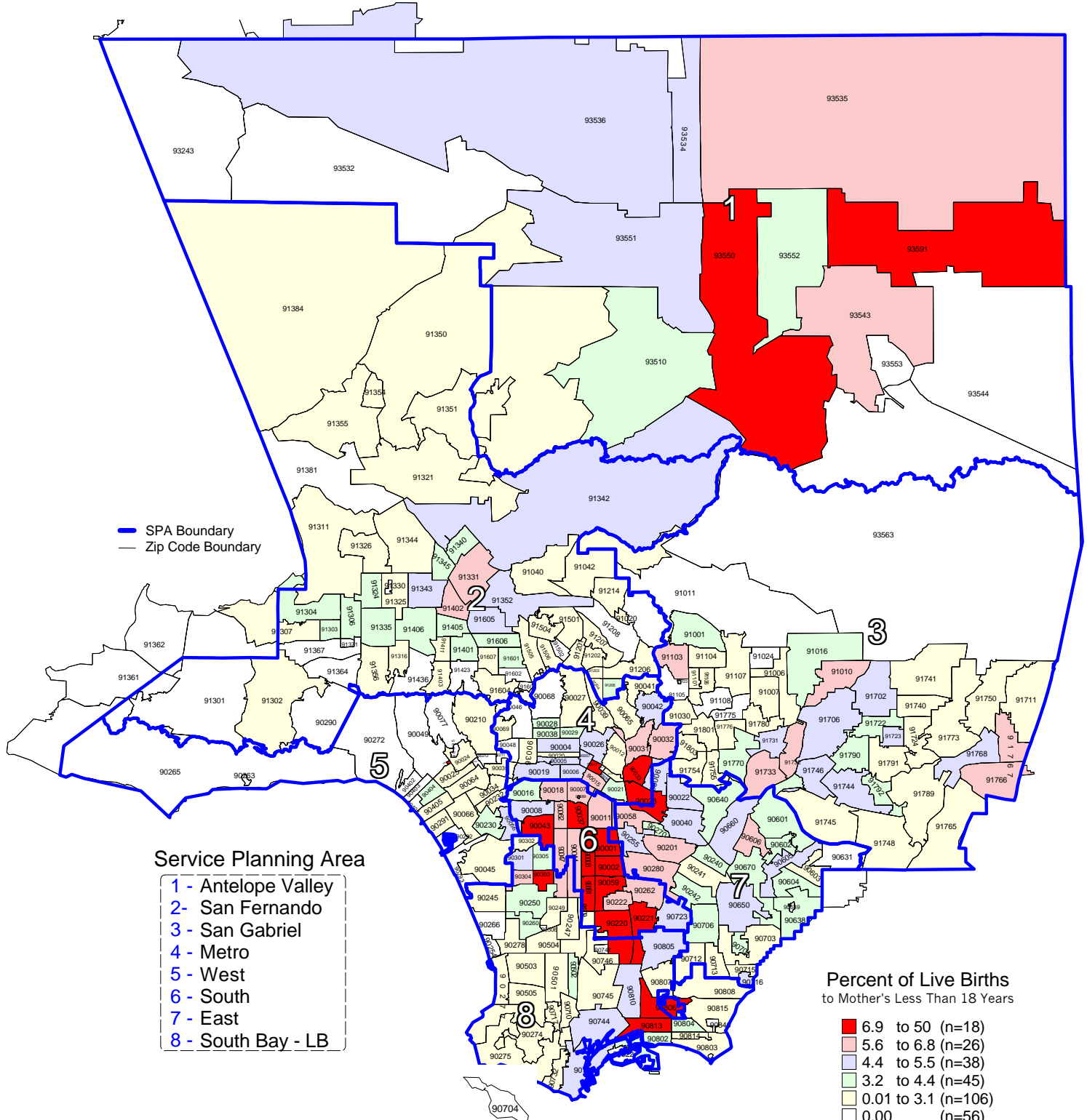
Total number of live births in Los Angeles County, 1999 = 156,153

Source: 1999 birth records from California Department of Health Services, Center for Health Statistics

n = total number of zip codes in range

# Percent of Total Live Births to Mothers Less Than 18 Years Old by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 1999



\*Los Angeles County zip code boundaries as of April 1999.

Total number of live births in Los Angeles County, 1999 = 156,153

Source: 1999 birth records from California Department of Health Services, Center for Health Statistics

n = total number of zip codes in range