

# **PERINATAL INDICATORS**

**Los Angeles County**

# **2000**

**Complete Set of All Tables,  
Charts and Graphs Presenting Perinatal  
Information for the California MCAH  
Family Health Outcomes Project  
(FHOP)**

Inless otherwise cited, data provided by:  
California Department of Health Services, Center for Health Statistics  
Office of Statewide Health Planning and Development

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Produced by: Research, Evaluation, and Planning Unit  
Maternal, Child, and Adolescent Health Programs  
Family Health Programs  
Public Health Programs  
Los Angeles County, Department of Health Services



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**LIVE BIRTHS**

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Crude birth rate

**DEFINITION:** The number of live births per 1,000 total population

**NUMERATOR:** The number of live births, by place of residence, in a calendar year

**DENOMINATOR:** The total population, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**  
None

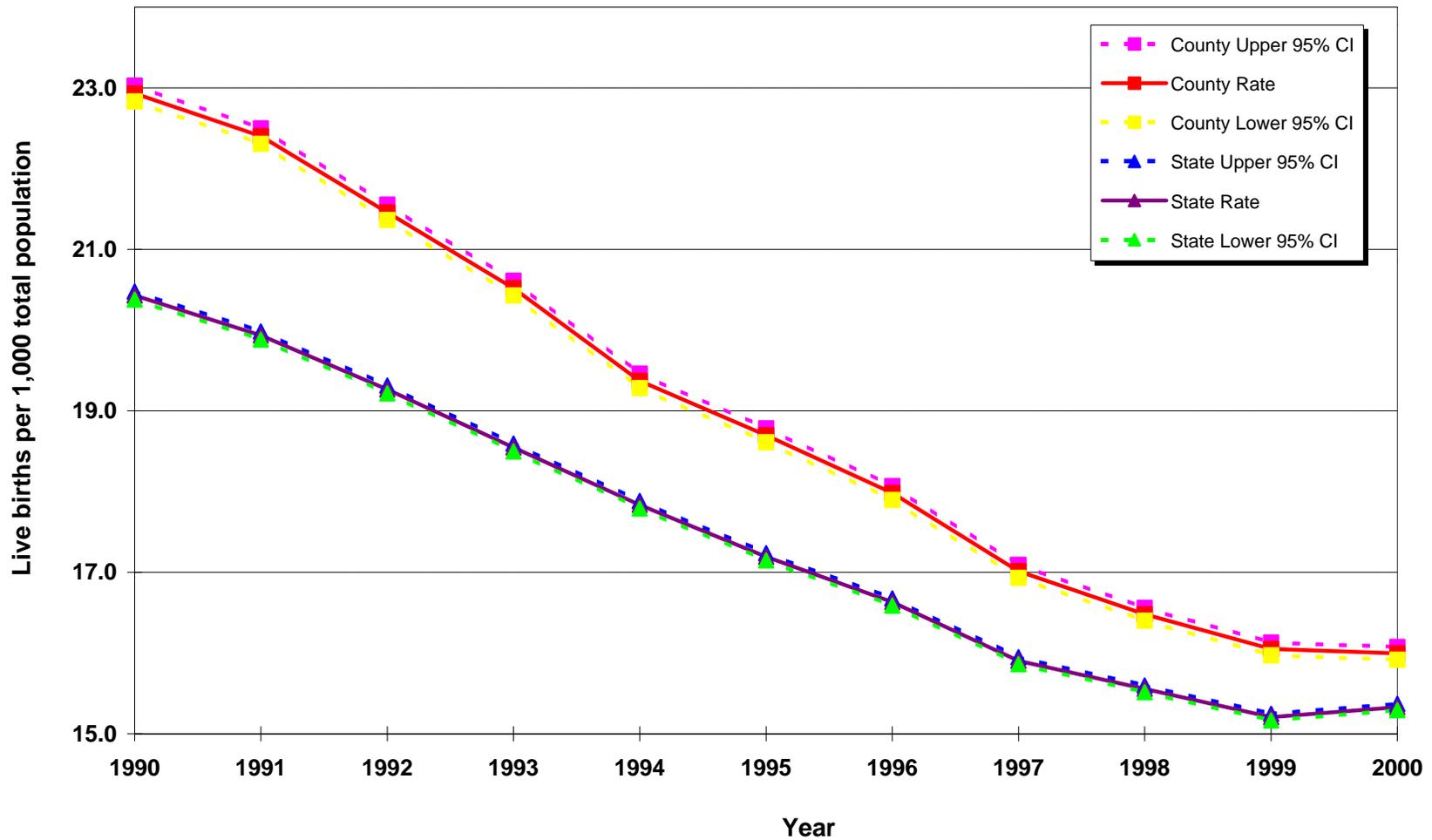
**RISK FACTORS:** Not applicable

Year	California				LA County			
	Total Births		95% Confidence Interval		Total Births		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	611,666	20.4	20.4	20.5	204,124	22.9	22.8	23.0
1991	609,228	19.9	19.9	20.0	202,737	22.4	22.3	22.5
1992	600,838	19.3	19.2	19.3	197,415	21.5	21.4	21.6
1993	584,483	18.5	18.5	18.6	189,706	20.5	20.4	20.6
1994	567,034	17.8	17.8	17.9	180,394	19.4	19.3	19.5
1995	551,226	17.2	17.1	17.2	174,862	18.7	18.6	18.8
1996	538,628	16.6	16.6	16.7	168,973	18.0	17.9	18.1
1997	524,174	15.9	15.9	15.9	162,036	17.0	16.9	17.1
1998	521,265	15.6	15.5	15.6	158,604	16.5	16.4	16.6
1999	518,073	15.2	15.2	15.2	156,153	16.1	16.0	16.1
2000	531,285	15.3	15.3	15.4	157,391	16.0	15.9	16.1

DENOMINATOR: Total Population	
California	LA County
29,942,397	8,901,987
30,563,276	9,049,677
31,186,559	9,200,070
31,515,753	9,244,741
31,790,557	9,312,189
32,062,912	9,352,192
32,383,811	9,396,389
32,956,588	9,524,767
33,506,406	9,623,420
34,072,478	9,727,841
34,653,395	9,838,861

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040", Sacramento, California, December 1998

## Live Births per 1,000 Total Population California vs. Los Angeles County, 1990 - 2000



Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

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

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Percent distribution of births by race/ethnicity, 1999

**DEFINITION:** The percent of total live births for selected race/ethnic groups

**NUMERATOR:** Number of live births, by race/ethnicity, by place of residence, in a calendar year

**DENOMINATOR:** Total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2000 OBJECTIVE:**  
None

**RISK FACTORS:** Not applicable

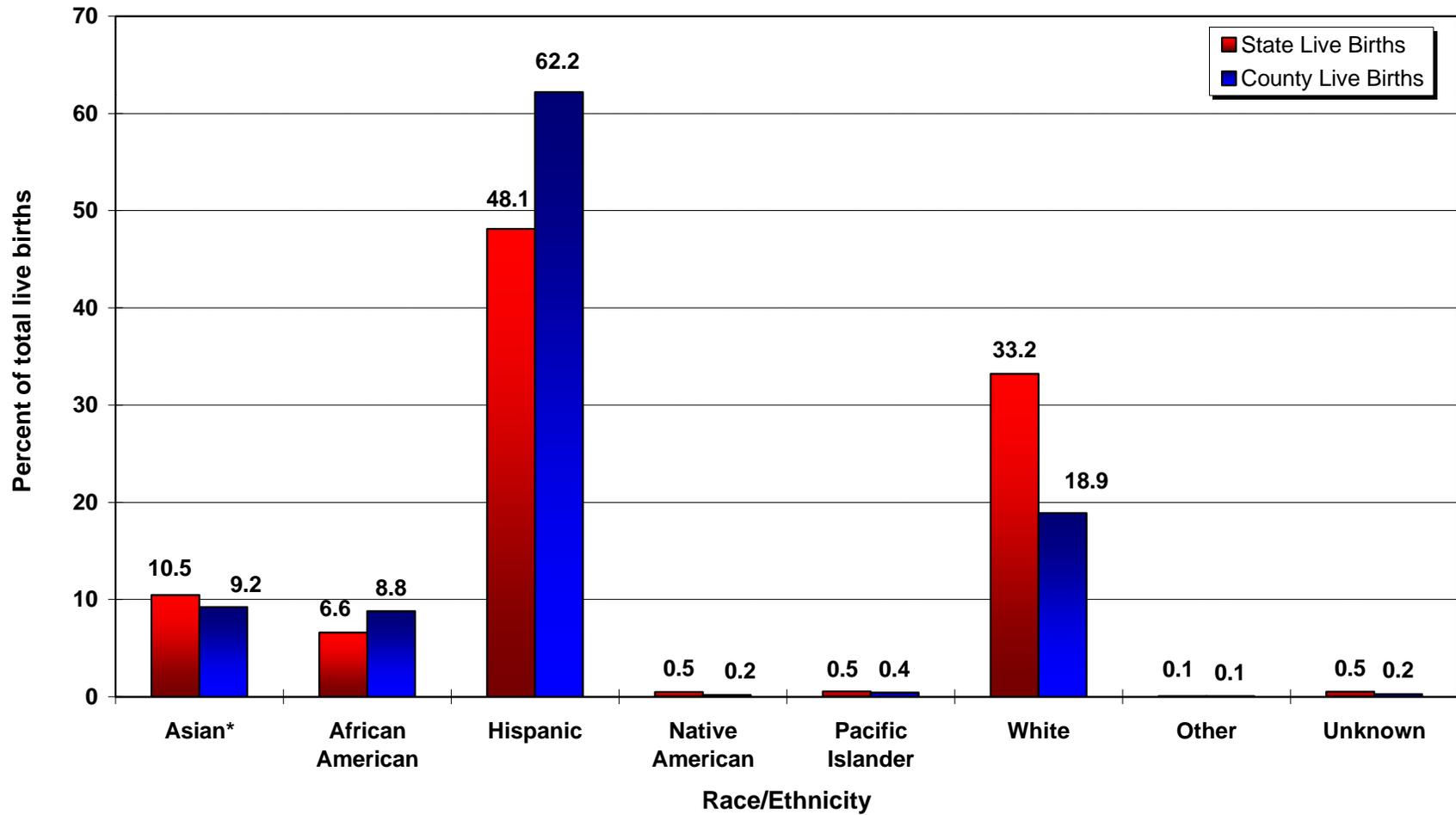
Race/ Ethnicity	1999 California				1999 LA County			
	Live Births		95% Confidence Interval		Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
<b>TOTAL</b>	<b>518,073</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>156,153</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Asian*	54,206	10.5%	10.4%	10.5%	14,397	9.2%	9.1%	9.4%
African American	34,136	6.6%	6.5%	6.7%	13,724	8.8%	8.6%	8.9%
Hispanic	249,253	48.1%	48.0%	48.2%	97,103	62.2%	61.9%	62.4%
Native Am.	2,501	0.5%	0.5%	0.5%	270	0.2%	0.2%	0.2%
Pacific Islander	2,840	0.5%	0.5%	0.6%	653	0.4%	0.4%	0.5%
White	172,108	33.2%	33.1%	33.3%	29,514	18.9%	18.7%	19.1%
Other	334	0.1%	0.1%	0.1%	108	0.1%	0.1%	0.1%
Unknown	2,695	0.5%	0.5%	0.5%	384	0.2%	0.2%	0.3%

Live Births 1999	
DENOMINATOR: Total Live Births	
California	LA County
518,073	156,153
518,073	156,153
518,073	156,153
518,073	156,153
518,073	156,153
518,073	156,153
518,073	156,153
518,073	156,153
518,073	156,153

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1999

**Note:** \* Filipinos are included with Asians

## Percent of Total Live Births by Mother's Race/Ethnicity California vs. Los Angeles County, 1999



**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1999

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Percent distribution of births by race/ethnicity, 2000

**DEFINITION:** The percent of total live births for selected race/ethnic groups

**NUMERATOR:** Number of live births, by race/ethnicity, by place of residence, in a calendar year

**DENOMINATOR:** Total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**  
None

**RISK FACTORS:** Not applicable

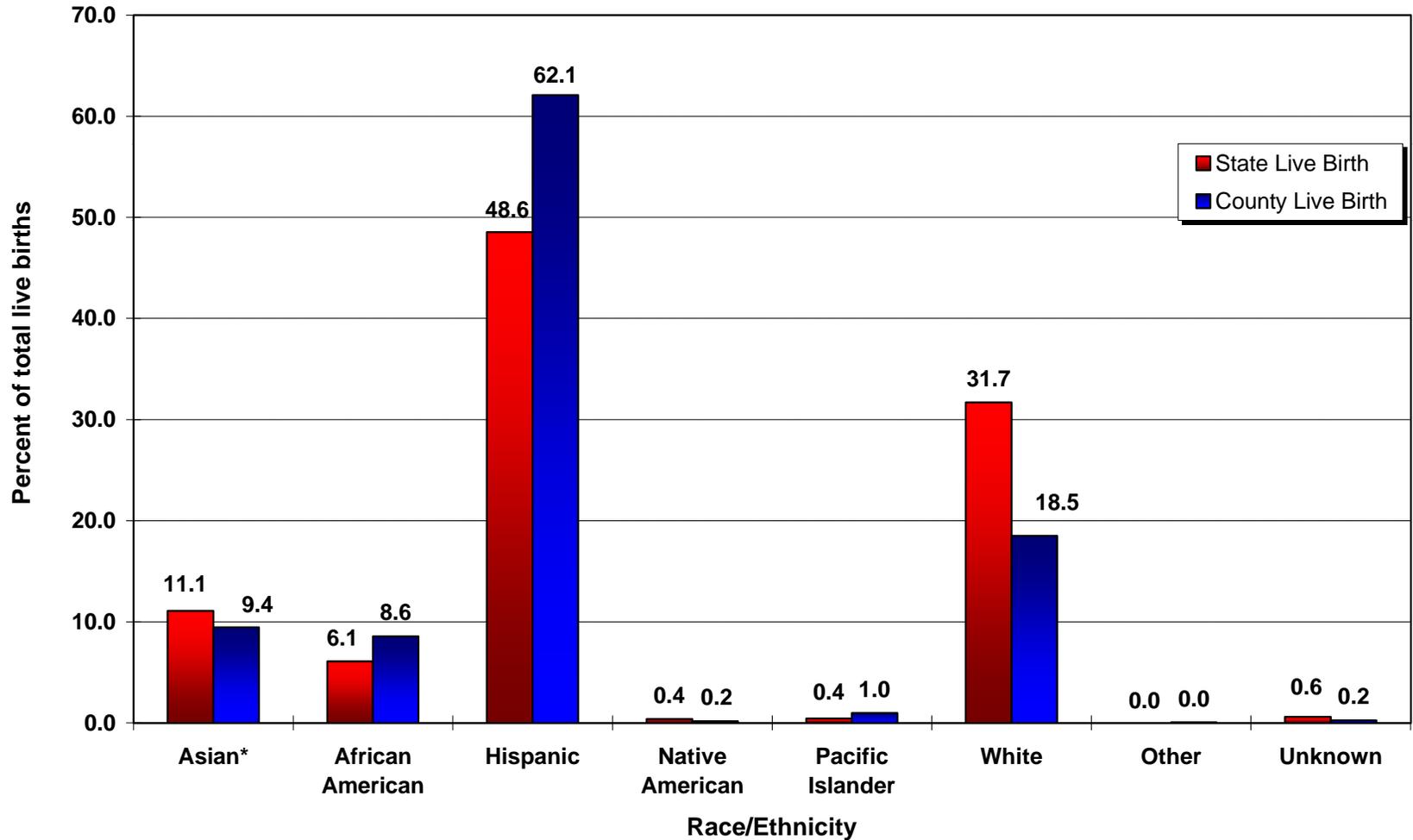
	2000 California				2000 LA County			
	Live Births		95% Confidence Interval		Live Births		95% Confidence Interval	
Race/ Ethnicity	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
<b>TOTAL</b>	<b>531,285</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>157,391</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
Asian*	58,876	11.1%	11.0%	11.2%	14,869	9.4%	9.3%	9.6%
African American	32,302	6.1%	6.0%	6.1%	13,468	8.6%	8.4%	8.7%
Hispanic	257,958	48.6%	48.4%	48.7%	97,719	62.1%	61.8%	62.3%
Native Am.	1,975	0.4%	0.4%	0.4%	248	0.2%	0.1%	0.2%
Pacific Islander	2,376	0.4%	0.4%	0.5%	1,532	1.0%	0.9%	1.0%
White	168,406	31.7%	31.6%	31.8%	29,094	18.5%	18.3%	18.7%
Other	0	0.0%	0.0%	0.0%	75	0.0%	0.0%	0.1%
Unknown	3,138	0.6%	0.6%	0.6%	386	0.2%	0.2%	0.3%

Live Births 2000	
DENOMINATOR: Total Live Births	
California	LA County
531,285	157,391
531,285	157,391
531,285	157,391
531,285	157,391
531,285	157,391
531,285	157,391
531,285	157,391
531,285	157,391
531,285	157,391

**Note:** \* Filipinos are included with Asians

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Percent of Live Births by Mother's Race/Ethnicity California vs. Los Angeles County, 2000



**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Trends in distribution of births by race/ethnicity, 1990-2000

**DEFINITION:** The percent of total live births for selected race/ethnic groups over time

**NUMERATOR:** Number of live births, by race/ethnicity, by place of residence, in a calendar year

**DENOMINATOR:** Total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**  
None

**RISK FACTORS:** Not applicable

Year	California Births														
	Asian		African American		Hispanic		Native American		Filipino/Pacific Islander*		White		Other/Unknown		Total Births
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
1990	41,269	6.7%	48,137	7.9%	245,314	40.1%	2,632	0.4%	14,786	2.4%	256,555	41.9%	2,973	0.5%	611,666
1991	42,343	7.0%	46,780	7.7%	257,827	42.3%	2,643	0.4%	14,874	2.4%	242,562	39.8%	2,199	0.4%	609,228
1992	43,322	7.2%	45,514	7.6%	263,339	43.8%	2,681	0.4%	15,217	2.5%	228,431	38.0%	2,334	0.4%	600,838
1993	42,432	7.3%	43,861	7.5%	262,065	44.8%	2,747	0.5%	15,006	2.6%	215,885	36.9%	2,487	0.4%	584,483
1994	42,758	7.5%	41,481	7.3%	257,463	45.4%	2,694	0.5%	15,052	2.7%	204,756	36.1%	2,830	0.5%	567,034
1995	54,475	9.9%	39,166	7.1%	253,726	46.0%	2,735	0.5%	2,763	0.5%	196,277	35.6%	2,084	0.4%	551,226
1996	54,164	10.1%	37,029	6.9%	254,674	47.3%	2,642	0.5%	2,778	0.5%	185,255	34.4%	2,088	0.4%	538,628
1997	53,855	10.3%	35,957	6.9%	248,795	47.5%	2,582	0.5%	2,779	0.5%	177,347	33.8%	2,859	0.5%	524,174
1998	52,718	10.1%	35,200	6.8%	247,796	47.5%	2,587	0.5%	2,818	0.5%	176,598	33.9%	3,548	0.7%	521,265
1999	54,206	10.5%	34,136	6.6%	249,253	48.1%	2,501	0.5%	2,840	0.5%	172,108	33.2%	3,029	0.6%	518,073
2000	58,876	11.1%	32,302	6.1%	257,958	48.6%	1,975	0.4%	2,376	0.4%	168,406	31.7%	3,138	0.6%	531,285

**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

**TITLE V INDICATOR TEMPLATES**

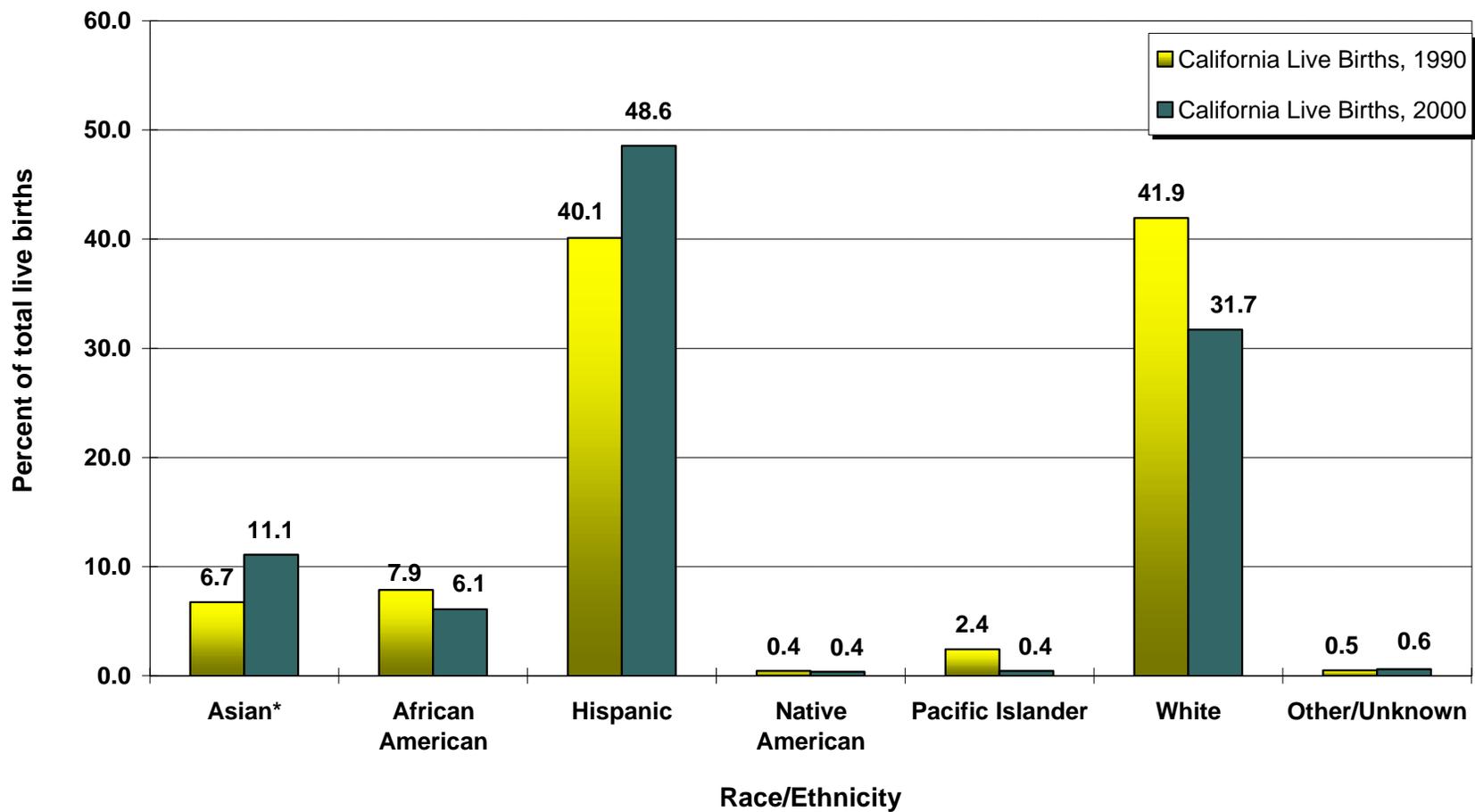
**INDICATOR: Trends in distribution of births by race/ethnicity, 1990-2000 (continued)**

	LA County Births														
	Asian		African American		Hispanic		Native American		Filipino/Pacific Islander*		White		Other/Unknown		Total Births
Year	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
1990	12,701	6.2%	21,823	10.7%	113,786	55.7%	410	0.2%	4,408	2.2%	50,633	24.8%	363	0.2%	204,124
1991	12,657	6.2%	20,779	10.2%	117,432	57.9%	338	0.2%	4,456	2.2%	46,763	23.1%	312	0.2%	202,737
1992	12,938	6.6%	19,463	9.9%	116,592	59.1%	309	0.2%	4,370	2.2%	43,365	22.0%	378	0.2%	197,415
1993	12,300	6.5%	18,698	9.9%	113,451	59.8%	346	0.2%	4,296	2.3%	40,197	21.2%	418	0.2%	189,706
1994	12,127	6.7%	17,282	9.6%	109,242	60.6%	308	0.2%	4,208	2.3%	36,886	20.4%	341	0.2%	180,394
1995	15,334	8.8%	16,148	9.2%	107,228	61.3%	341	0.2%	685	0.4%	34,872	19.9%	254	0.1%	174,862
1996	15,225	9.0%	15,184	9.0%	105,175	62.2%	313	0.2%	625	0.4%	32,151	19.0%	300	0.2%	168,973
1997	14,943	9.2%	14,530	9.0%	100,228	61.9%	304	0.2%	611	0.4%	31,072	19.2%	348	0.2%	162,036
1998	14,304	9.0%	14,246	9.0%	98,074	61.8%	262	0.2%	664	0.4%	30,621	19.3%	433	0.3%	158,604
1999	14,397	9.2%	13,724	8.8%	97,103	62.2%	270	0.2%	653	0.4%	29,514	18.9%	492	0.3%	156,153
2000	14,869	9.4%	13,468	8.6%	97,719	62.1%	248	0.2%	1,532	1.0%	29,094	18.5%	461	0.3%	157,391

**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

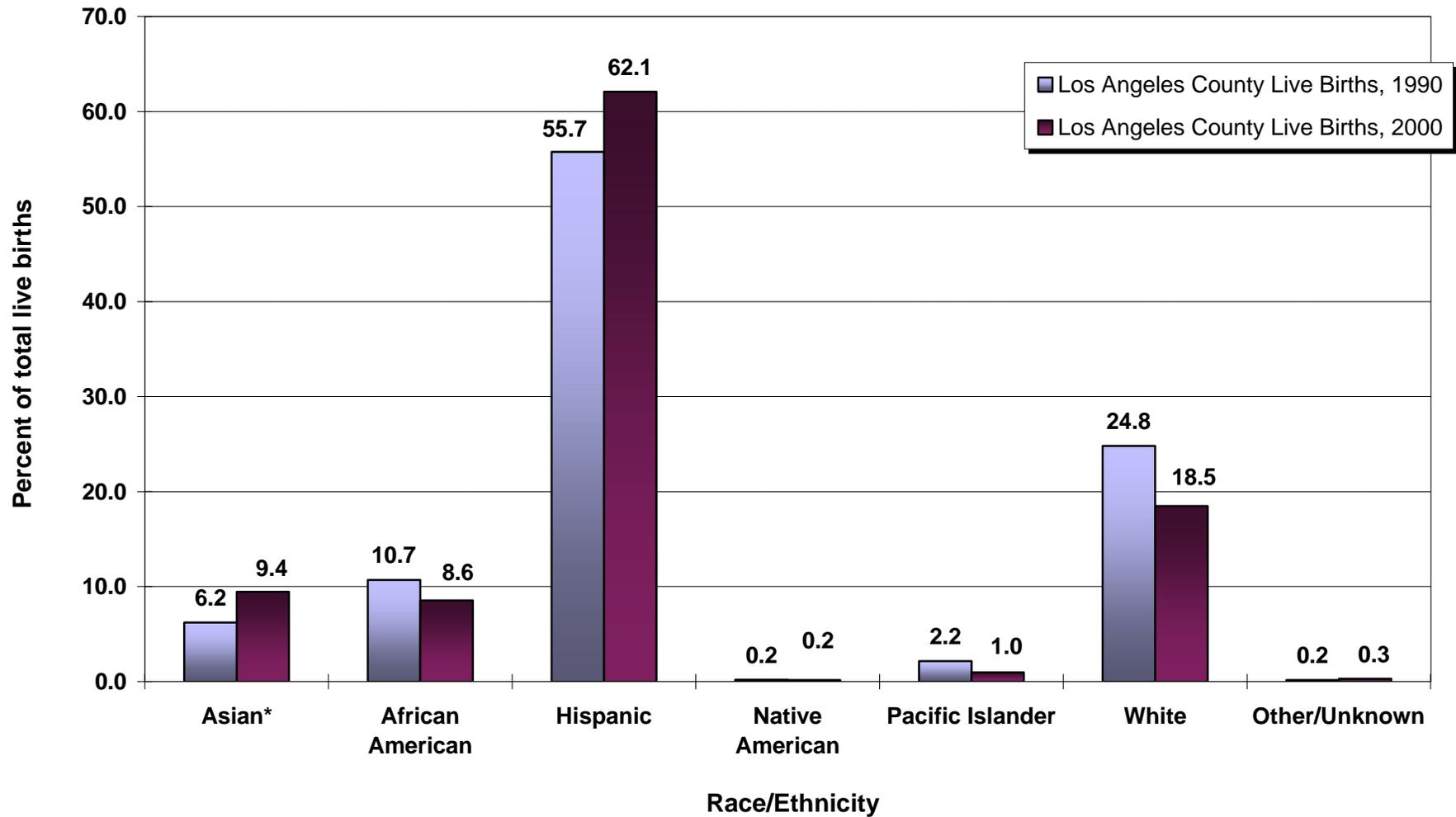
## Percent of Live Births by Mother's Race/Ethnicity California, 1990 vs. 2000



**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990, 2000

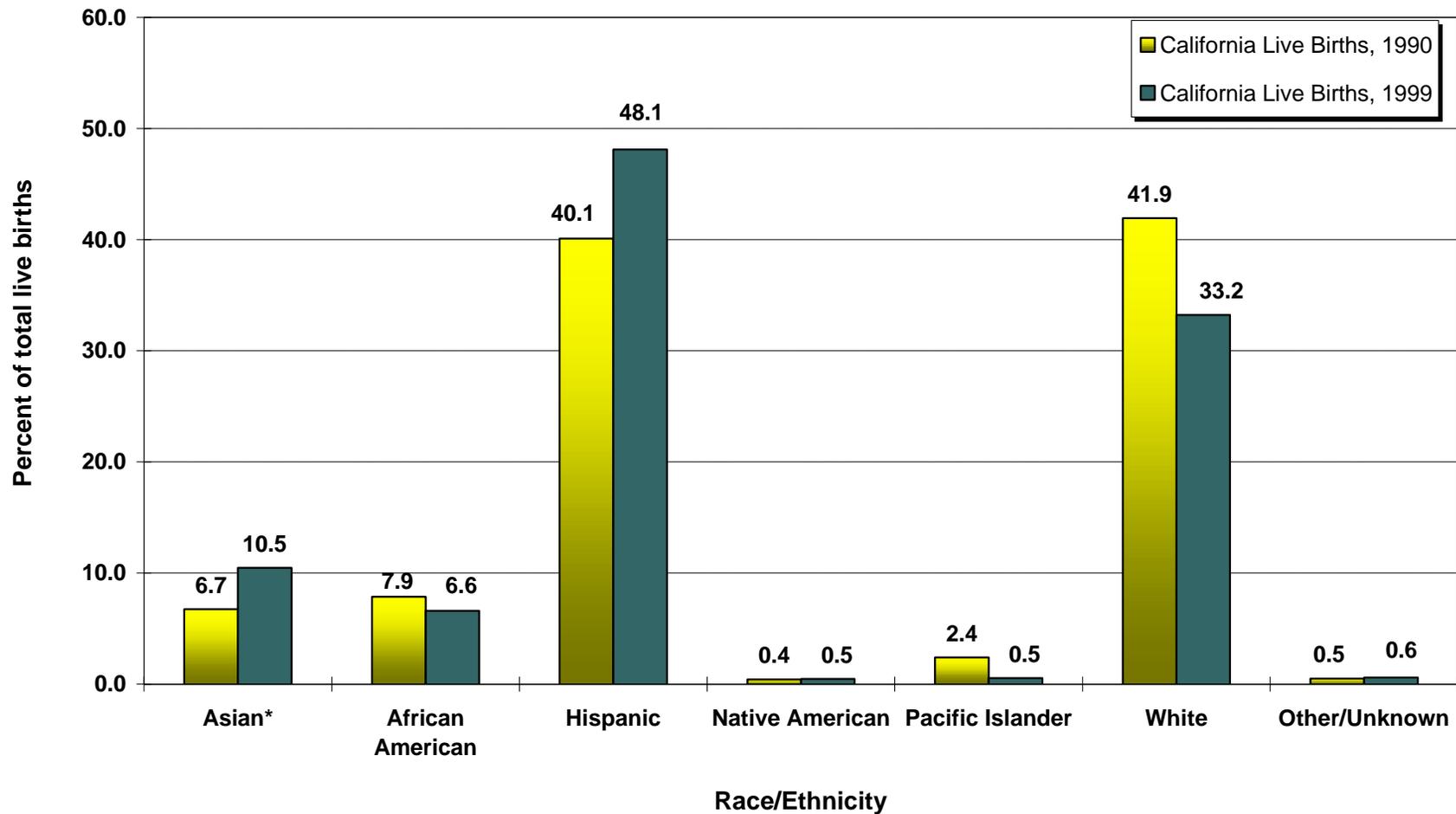
## Percent of Live Births by Mother's Race/Ethnicity Los Angeles County, 1990 vs. 2000



**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990, 2000

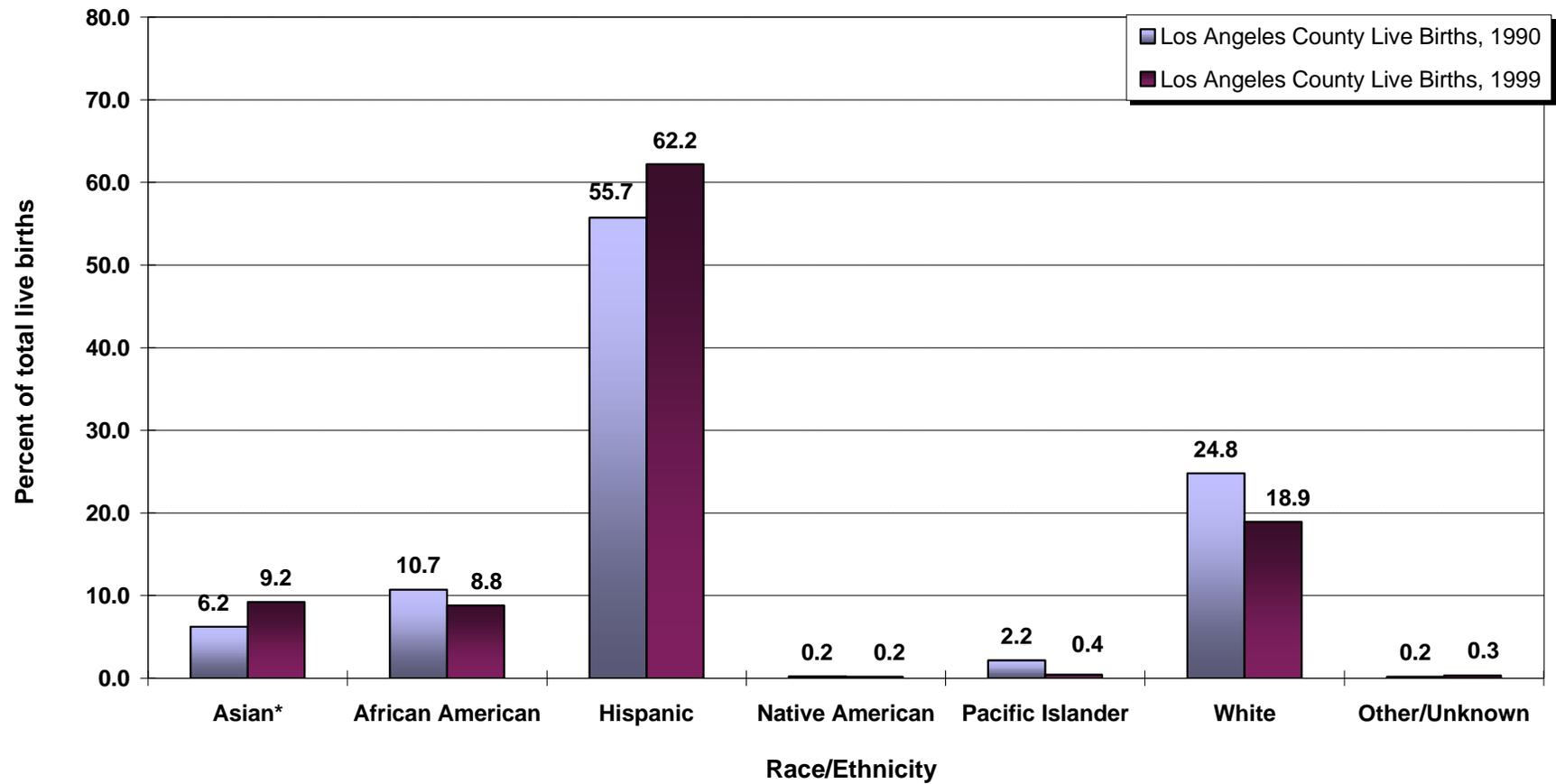
## Percent of Live Births by Mother's Race/Ethnicity California, 1990 vs. 1999



**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990, 1999

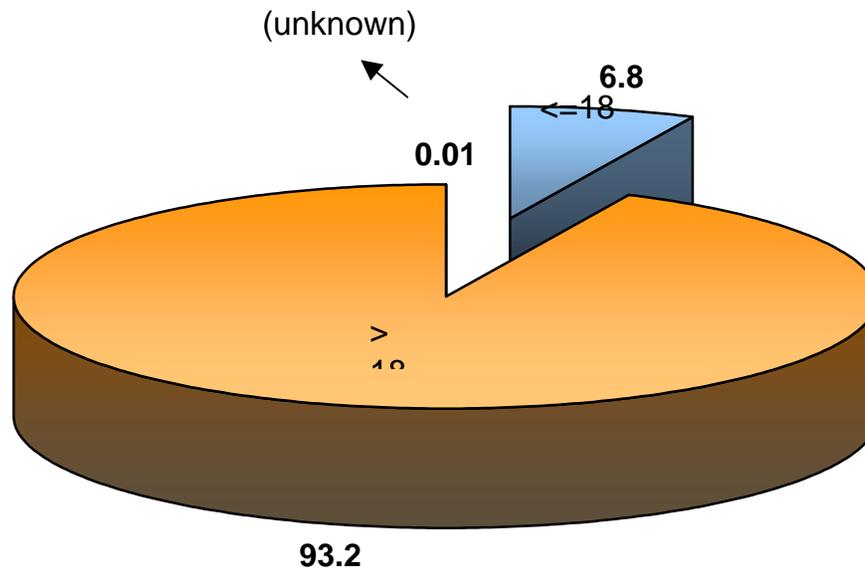
## Percent of Live Births by Mother's Race/Ethnicity Los Angeles County, 1990 vs. 1999



**Note:** \* Filipinos are combined into Asian category after 1994.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990, 1999

## Percent of Live Births by Mother's Age Los Angeles County, 2000

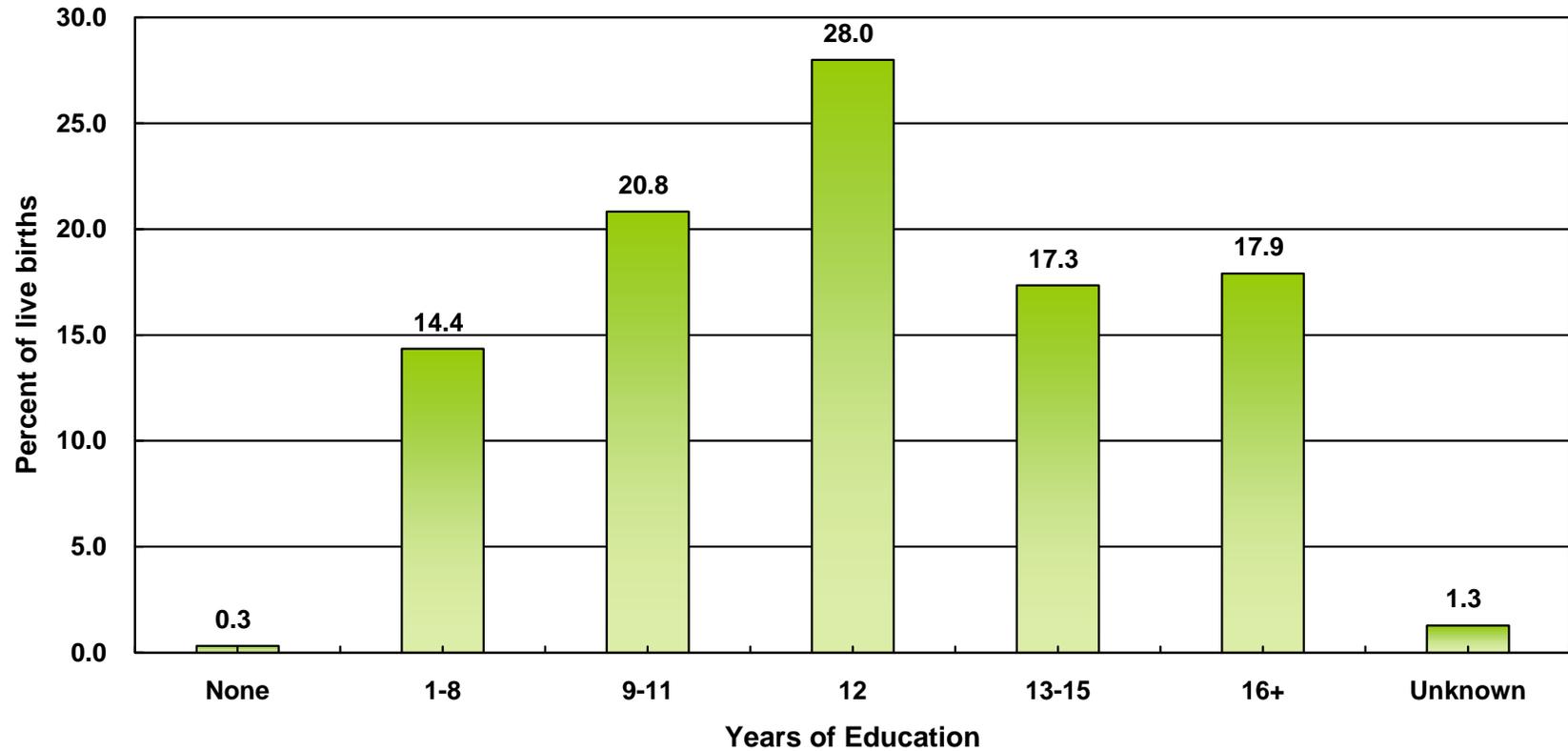


Mother's Age					
< 18		> 18		Unknown	
Number	Percent	Number	Percent	Number	Percent
10,765	6.8	146,614	93.2	12	0.01

**Note:** Total live births in Los Angeles County in 2000 was 157,391

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Percent of Live Births by Mother's Years of Education Los Angeles County, 2000



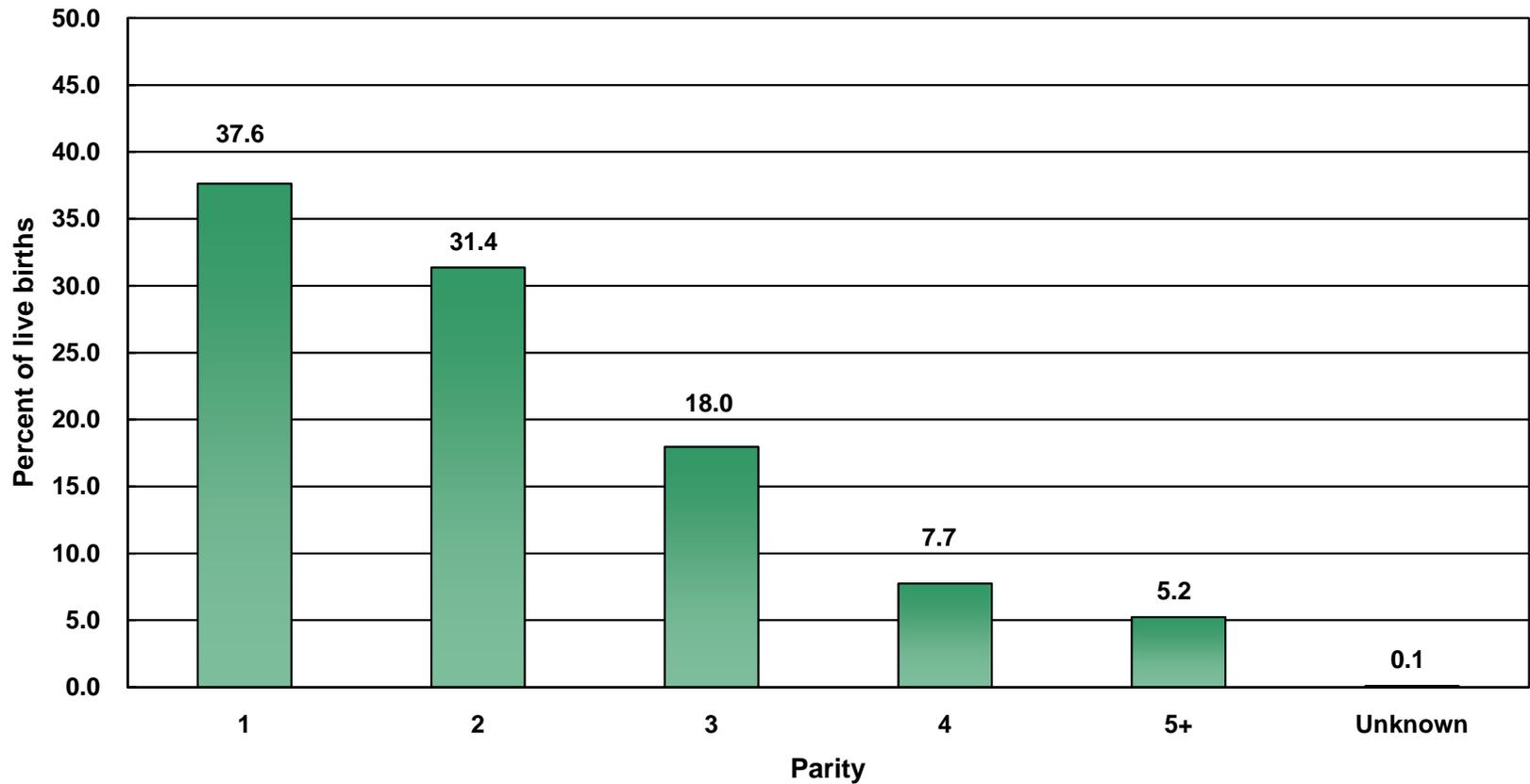
Years of Education													
None		1 - 8		9 - 11		12		13 - 15		16+		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
498	0.3	22,587	14.4	32,779	20.8	44,050	28.0	27,300	17.3	28,171	17.9	2,006	1.3

**Note:** Total live births in Los Angeles County in 2000 was 157,391

This analysis did not adjust for teen mothers who may not be old enough to have reached a higher categorical education level.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births by Parity\***  
**Los Angeles County, 2000**



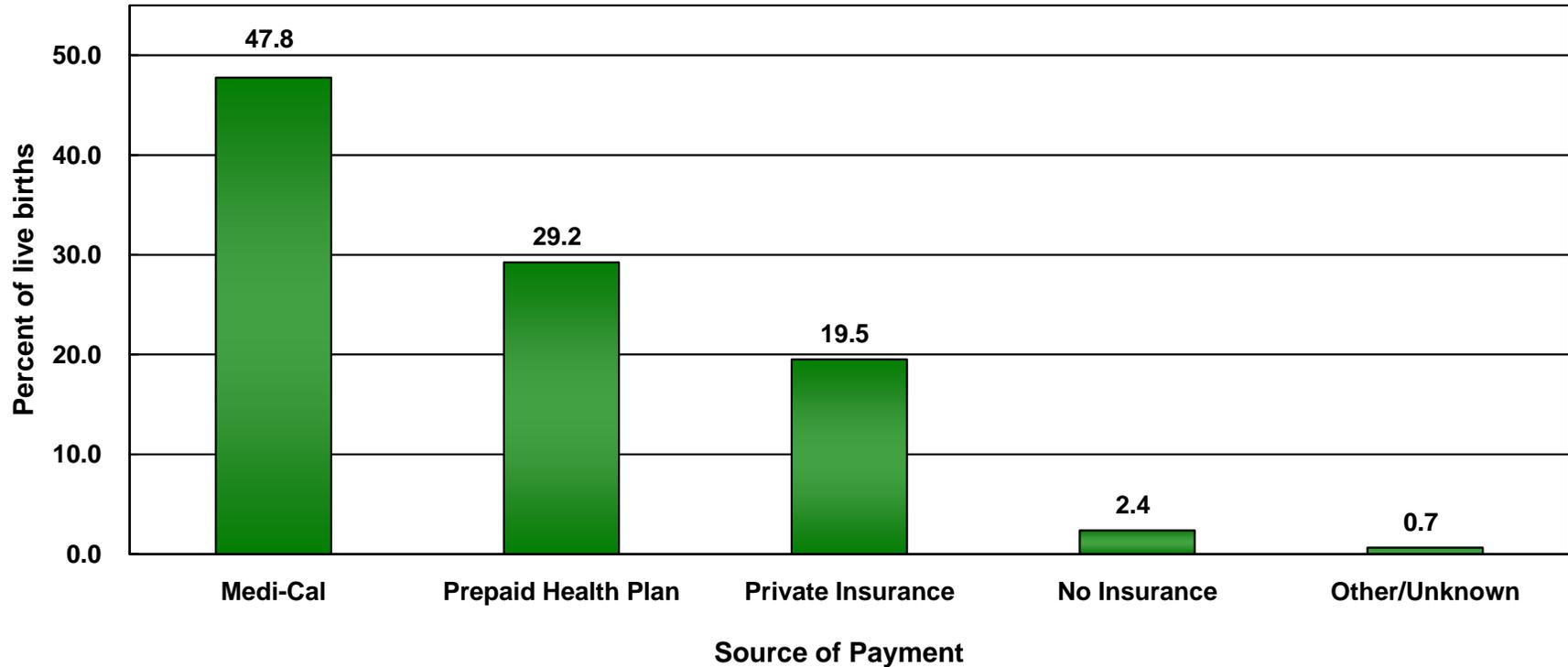
Parity											
1		2		3		4		5+		Unknown	
Number	Percent	Number	Percent								
59,219	37.6	49,352	31.4	28,265	18.0	12,187	7.7	8,231	5.2	137	0.1

**Note:** Total live births in Los Angeles County in 2000 was 157,391

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

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births by Mother's Source of Payment  
for Prenatal Care (PNC\*)  
Los Angeles County, 2000**



Source of Payment											
Medi-Cal		Prepaid Health Plan		Private Insurance		No Insurance		No Prenatal Care		Other/Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
75,181	47.8	46,015	29.2	30,699	19.5	3,738	2.4	729	0.5	1,029	0.7

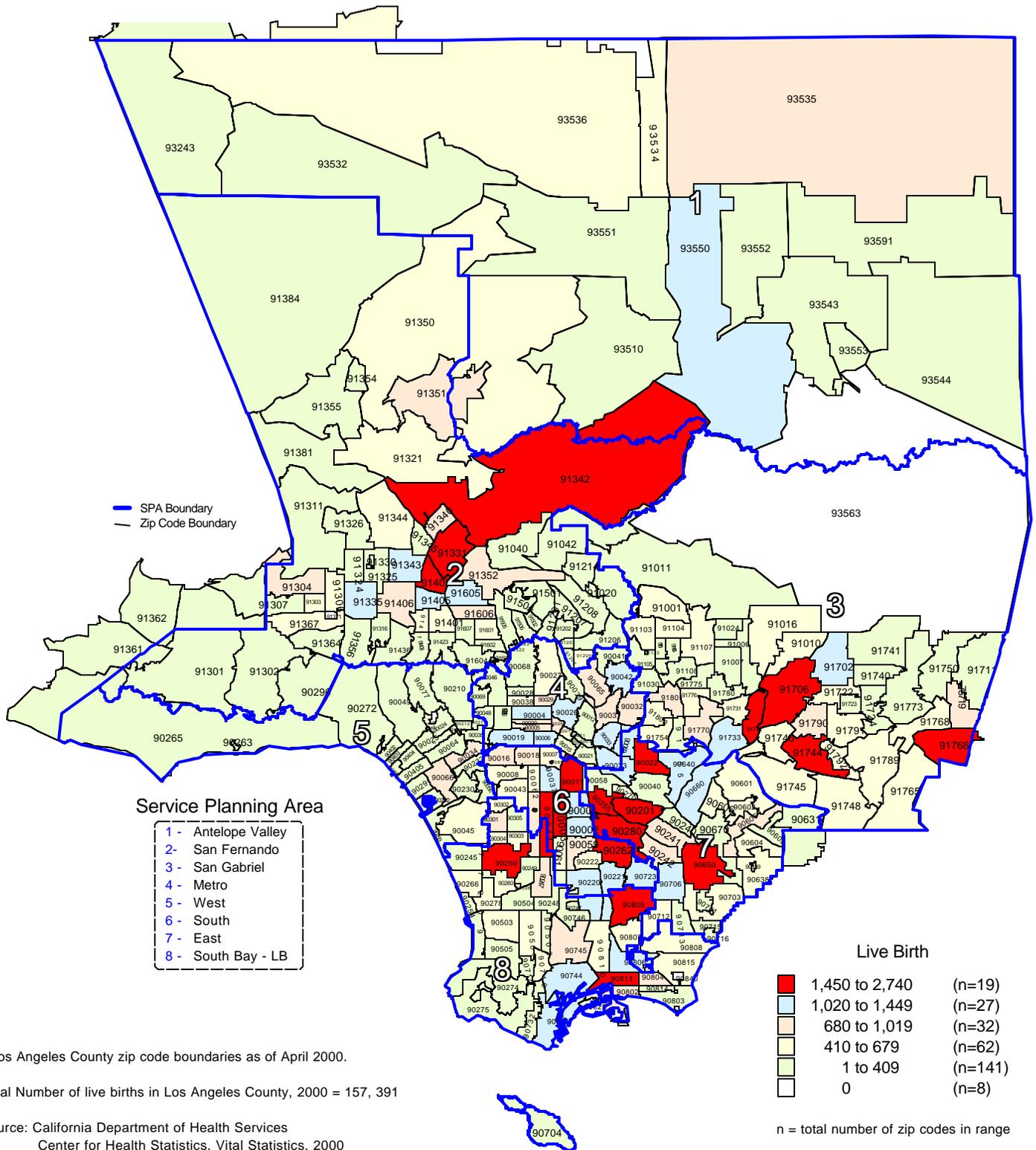
**Note:** Total live births in Los Angeles County in 2000 was 157,391

\* Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

# Number of Live Births by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



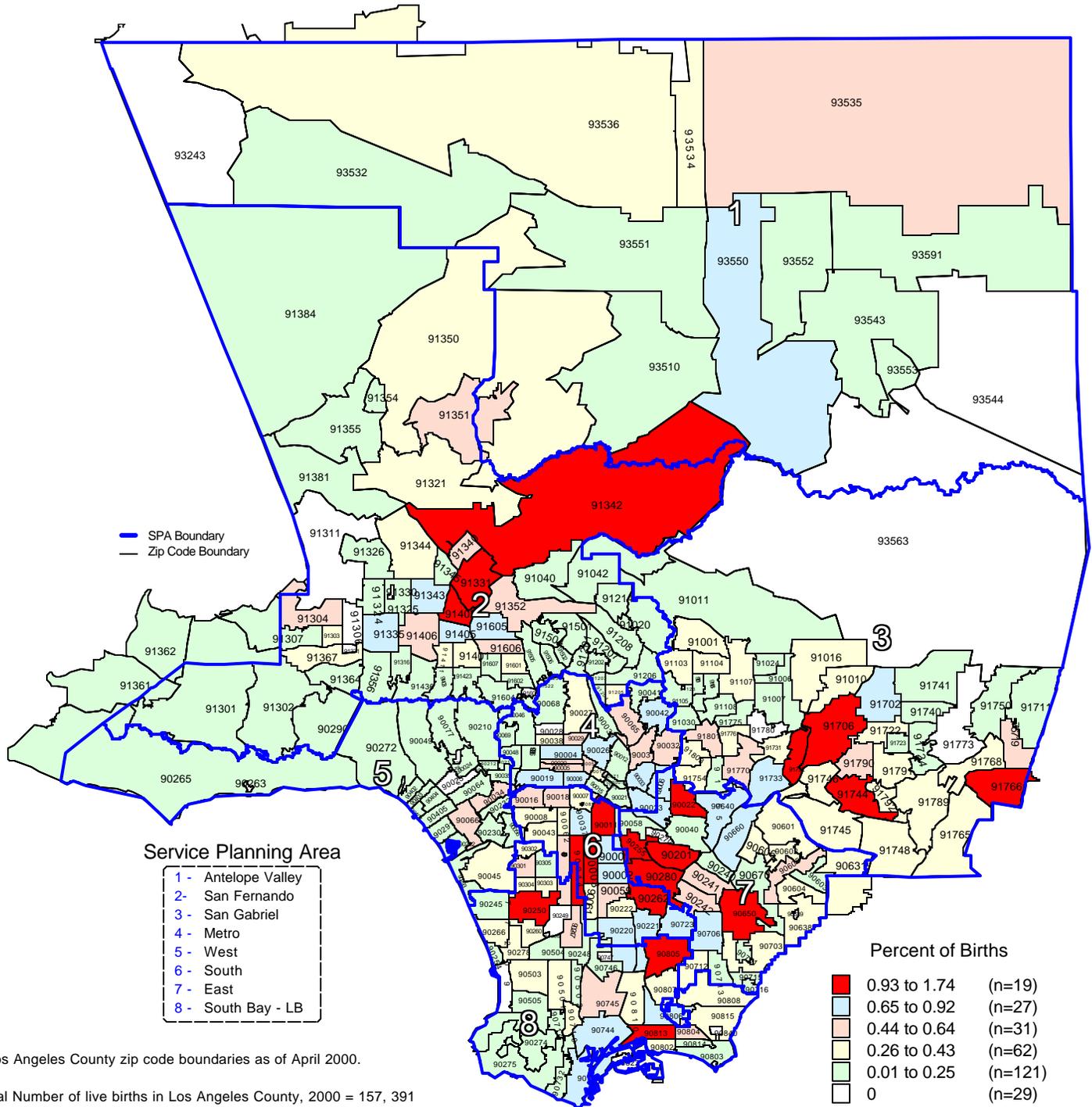
\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Source: California Department of Health Services  
Center for Health Statistics, Vital Statistics, 2000

Los Angeles County - Department of Health Services  
**Percent of Total Live Births  
 by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Note: Percent of live births = the number of live births in each zip code divided by the total number of live births in Los Angeles County multiplying by 100

n = total number of zip codes in range

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

**LOW BIRTHWEIGHT**

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Percent of low birthweight

**DEFINITION:** The percent of live births weighing less than 2,500 grams

**NUMERATOR:** The number of live births weighing less than 2,500 grams, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

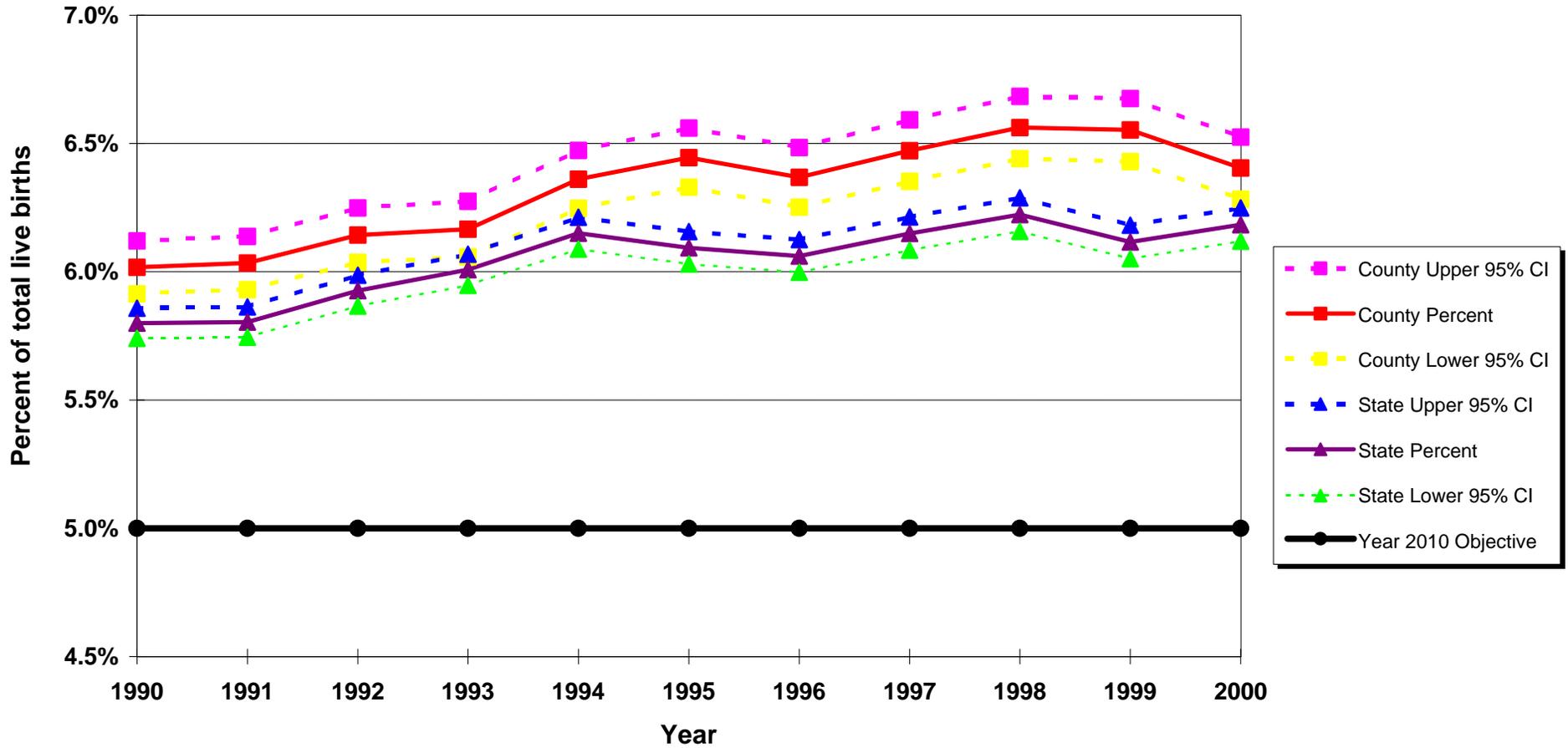
Reduce low birthweight to an incidence of no more than 5 percent of live births. (Baseline: 7.6 percent in 1998) (Objective 16-10a)

**RISK FACTORS:** Young or old maternal age; low income; low maternal education level; race/ethnicity (African American, Puerto Rican, Southeast Asian); high parity; short interpregnancy interval; multiple gestation; unintended pregnancy; history of low birthweight; poor reproductive history; intrauterine growth retardation; preterm birth; prior preterm birth; late entry into prenatal care; lack of comprehensive prenatal care; low pre-pregnancy weight; tobacco use during pregnancy; alcohol/substance abuse during pregnancy; low pregnancy weight gain; placenta previa; premature rupture of the membrane; stress during pregnancy; strenuous exertion during pregnancy

Year	California				LA County				DENOMINATOR: Live Births	
	Low Birthweight		95% Confidence Interval		Low Birthweight		95% Confidence Interval			
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper	California	LA County
1990	35,474	5.8%	5.7%	5.9%	12,283	6.0%	5.9%	6.1%	611,666	204,124
1991	35,359	5.8%	5.7%	5.9%	12,234	6.0%	5.9%	6.1%	609,228	202,737
1992	35,608	5.9%	5.9%	6.0%	12,127	6.1%	6.0%	6.2%	600,838	197,415
1993	35,116	6.0%	5.9%	6.1%	11,698	6.2%	6.1%	6.3%	584,483	189,706
1994	34,876	6.2%	6.1%	6.2%	11,474	6.4%	6.2%	6.5%	567,034	180,394
1995	33,588	6.1%	6.0%	6.2%	11,270	6.4%	6.3%	6.6%	551,226	174,862
1996	32,649	6.1%	6.0%	6.1%	10,761	6.4%	6.3%	6.5%	538,628	168,973
1997	32,232	6.1%	6.1%	6.2%	10,487	6.5%	6.4%	6.6%	524,174	162,036
1998	32,438	6.2%	6.2%	6.3%	10,408	6.6%	6.4%	6.7%	521,265	158,604
1999	31,686	6.1%	6.1%	6.2%	10,232	6.6%	6.4%	6.7%	518,073	156,153
2000	32,853	6.2%	6.1%	6.2%	10,080	6.4%	6.3%	6.5%	531,285	157,391

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

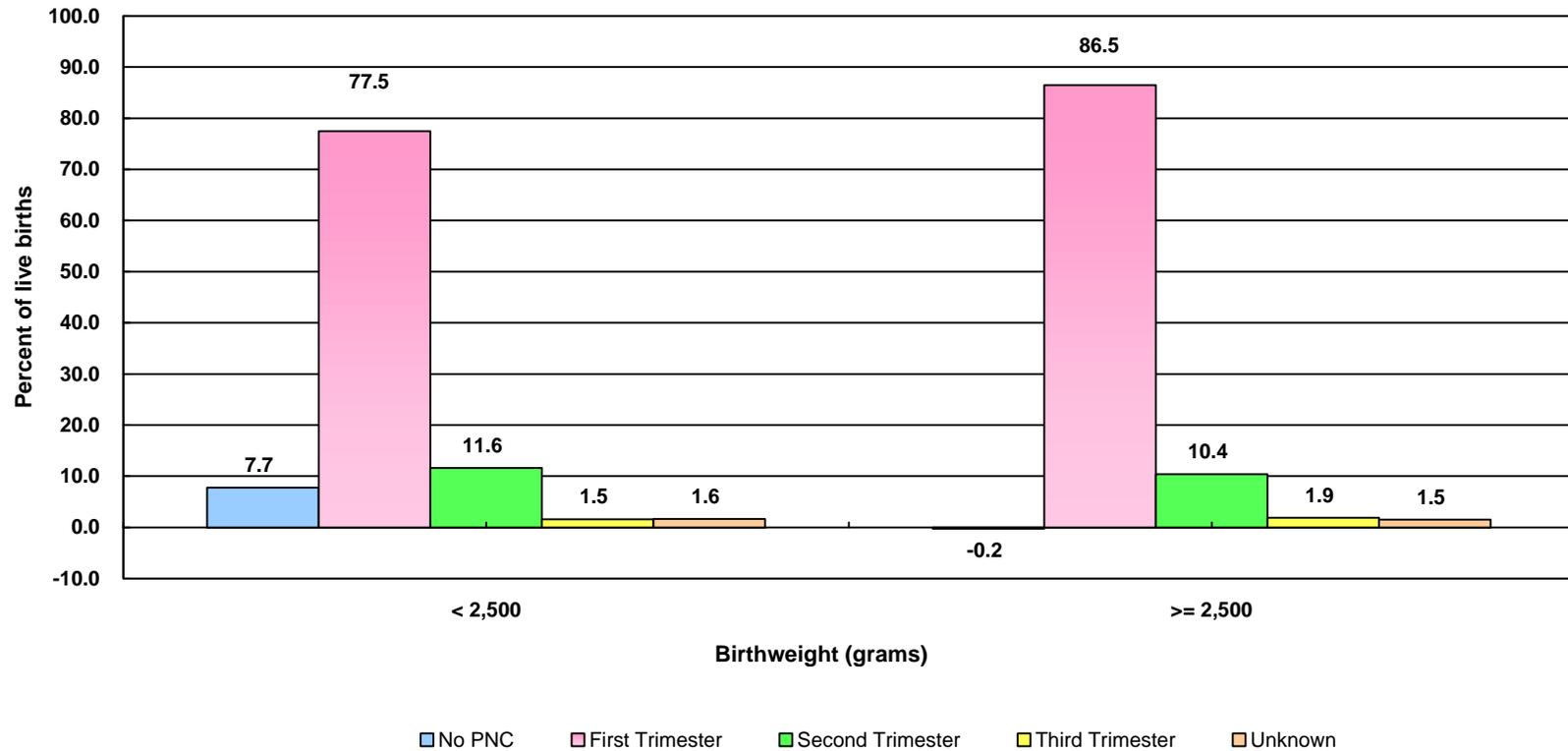
## Percent of Low Birthweight California vs. Los Angeles County, 1990 - 2000



**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

**Percent of Live Births by Mother's Trimester Prenatal Care (PNC) Began\* by Birthweight  
Los Angeles County, 2000**



Trimester	Birthweight (grams)			
	< 2,500		≥ 2,500	
	Number	Percent	Number	Percent
No PNC	1000	7.7	-271	-0.2
First	10,000	77.5	125,356	86.5
Second	1,500	11.6	15,022	10.4
Third	200	1.5	2,696	1.9
Unknown	209	1.6	2,181	1.5
<b>Total</b>	<b>12,909</b>	<b>100.0</b>	<b>144,984</b>	<b>100.0</b>

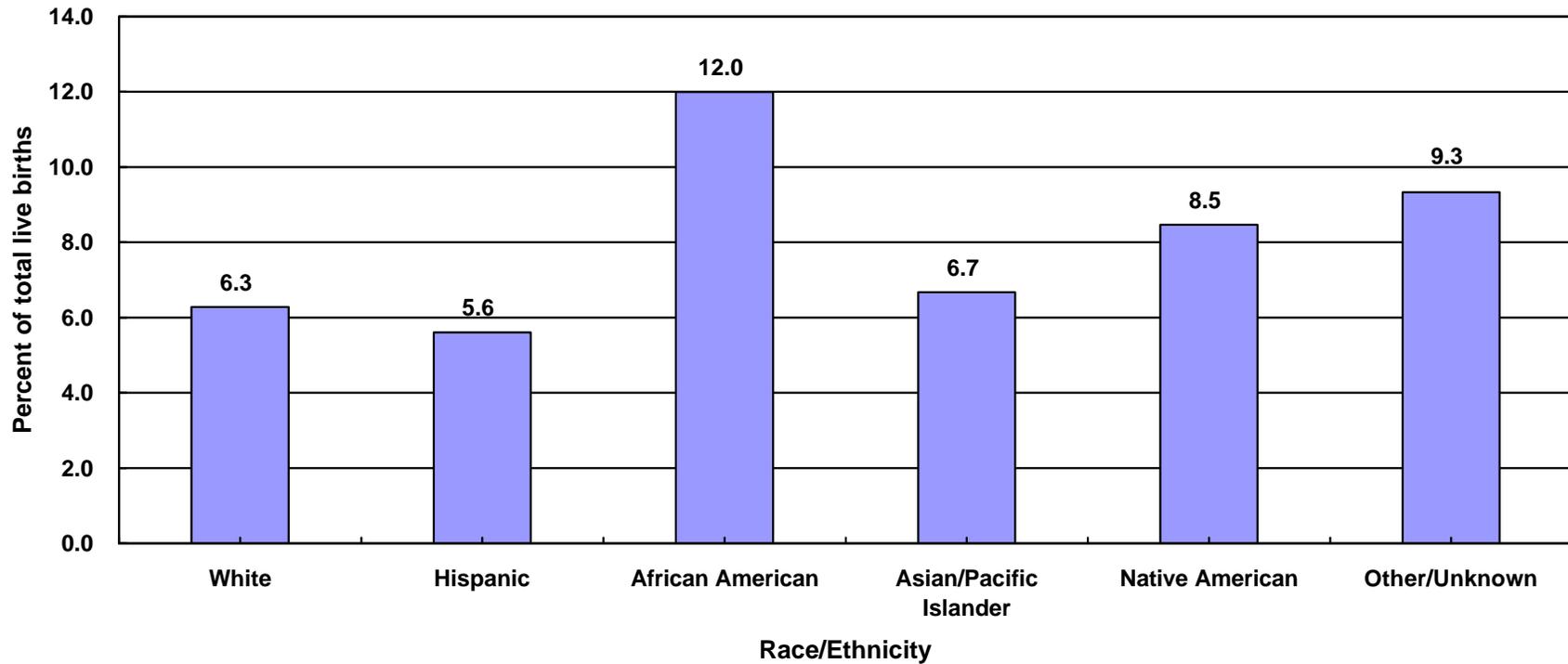
**Note:** Live births with unknown birthweight were excluded from this analysis.

\* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Low Birthweight Live Births, as Percent of Total Live Births,  
by Mother's Race/Ethnicity\***  
Los Angeles County, 2000



	Race/Ethnicity											
	White		Hispanic		African American		Asian/Pacific Islander		Native American		Other/Unknown	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<2,500 grams	1,827	6.3	5,478	5.6	1,616	12.0	1,095	6.7	21	8.5	43	9.3
<b>Total</b>	29,094	100.0	97,719	100.0	13,468	100.0	16,401	100.0	248	100.0	461	100.0

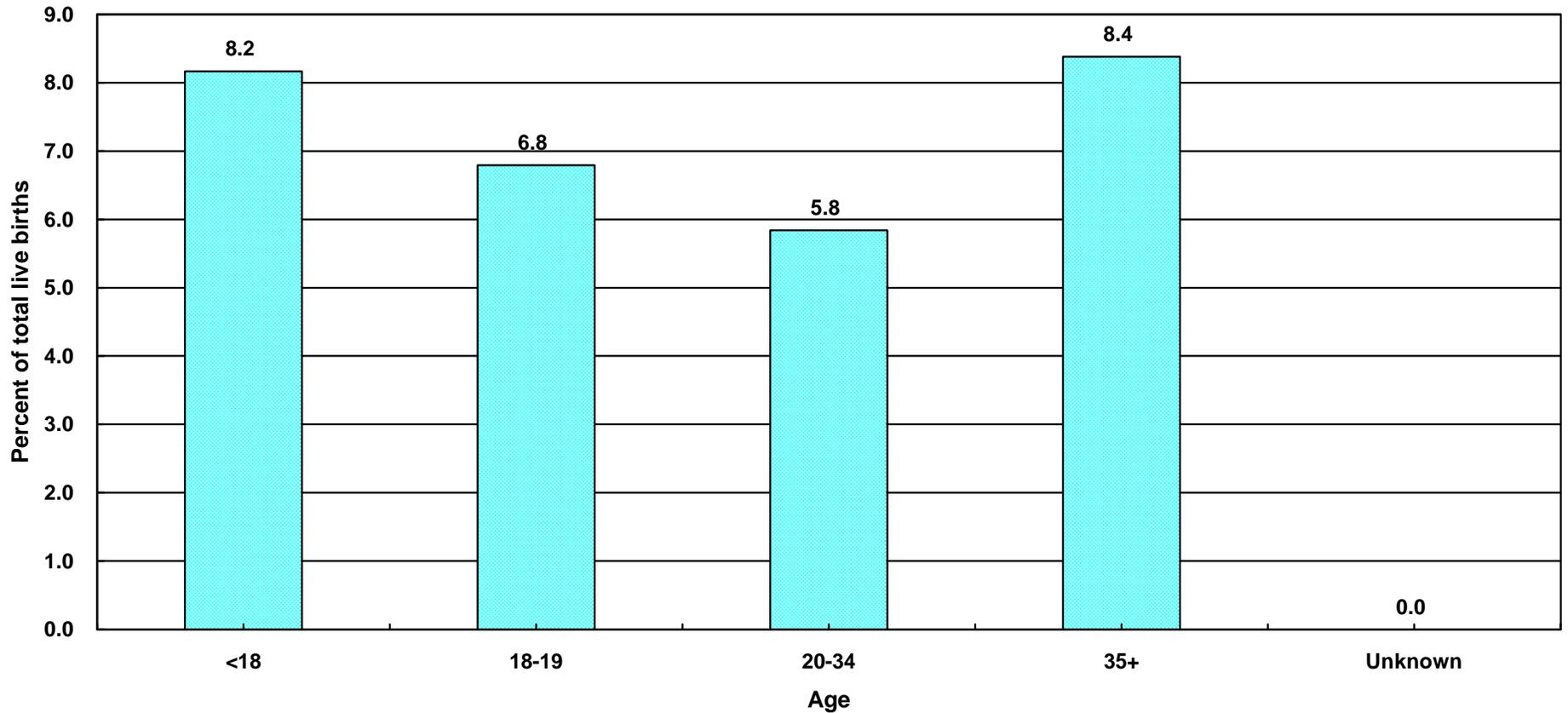
**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births.

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

Low birthweight is defined as weight less than 2,500 grams at birth.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Low Birthweight Live Births, as Percent of Total Live Births, by Mother's Age Los Angeles County, 2000



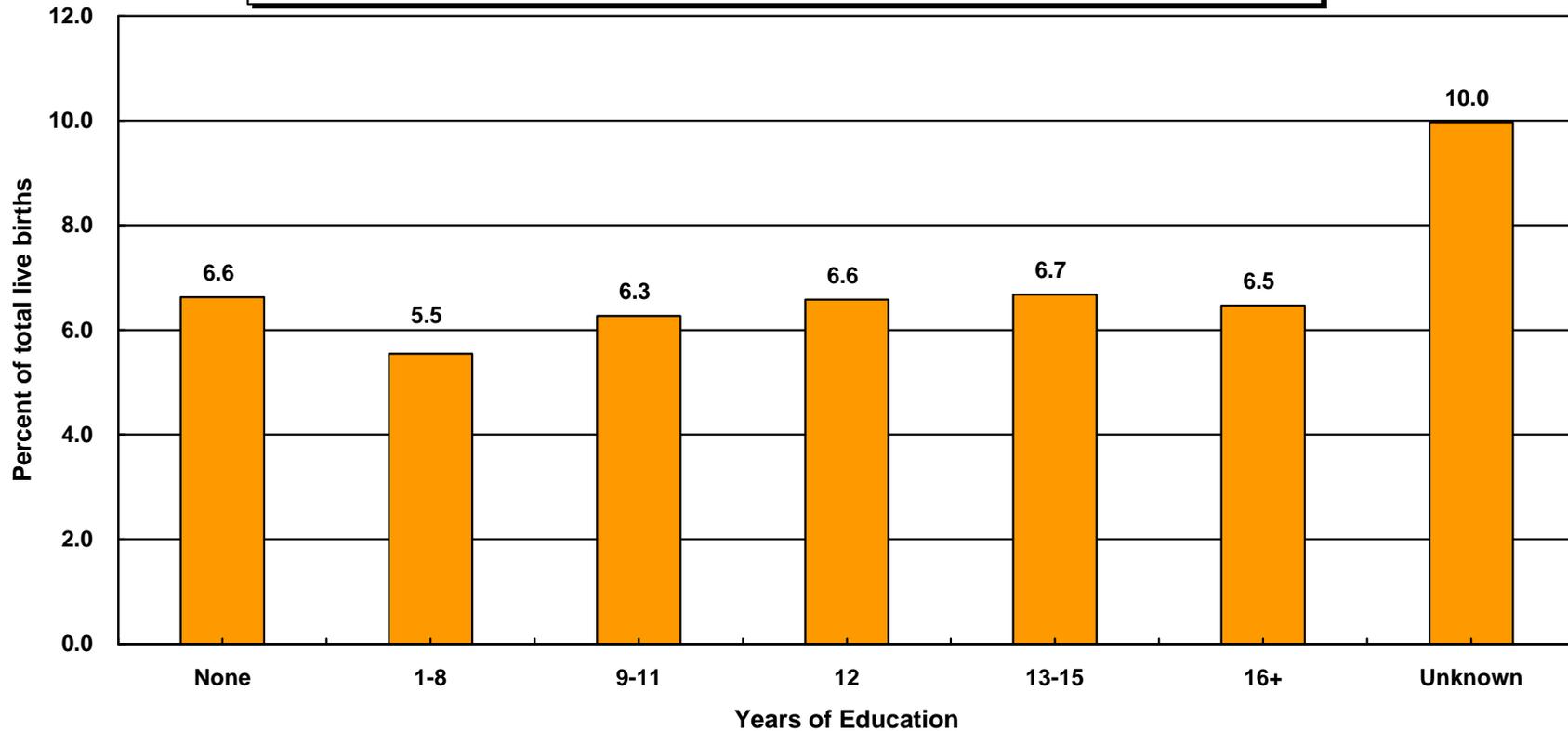
	Age									
	< 18		18 - 19		20 - 34		35+		Unknown	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<2,500 grams	496	8.2	734	6.8	6,723	5.8	2,127	8.4	0	0.0
<b>Total</b>	6,075	100.0	10,807	100.0	115,111	100.0	25,385	100.0	13	100.0

**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births.

**Note:** Low birthweight is defined as weight less than 2,500 grams at birth.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Low Birthweight Live Births, as Percent of Total Live Births,  
by Mother's Years of Education  
Los Angeles County, 2000**



	Years of Education													
	None		1 - 8		9 - 11		12		13 - 15		16+		Unknown	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<2,500 grams	33	6.6	1,253	5.5	2,054	6.3	2,897	6.6	1,822	6.7	1,821	6.5	200	10.0
<b>Total</b>	498	100.0	22,587	100.0	32,779	100.0	44,050	100.0	27,300	100.0	28,171	100.0	2,006	100.0

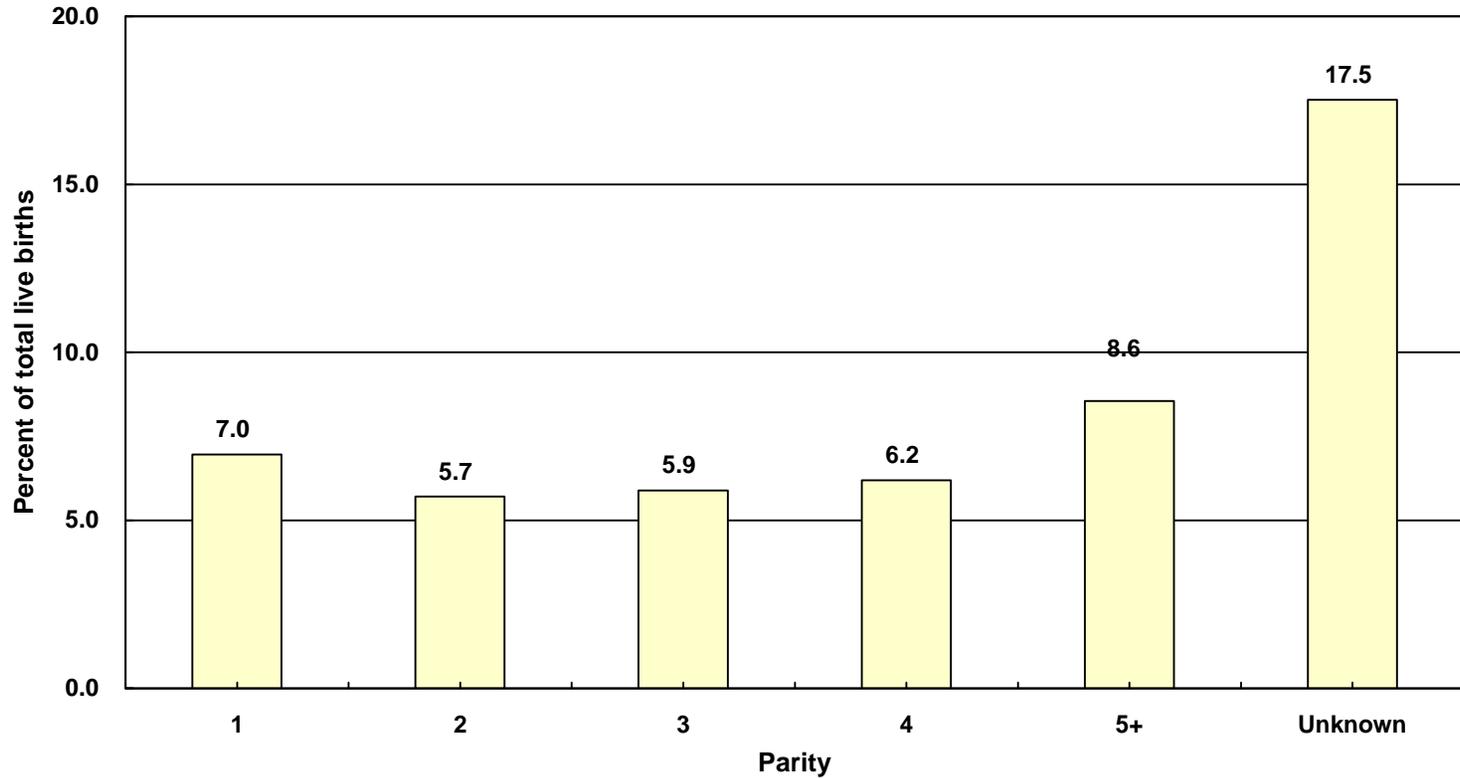
**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births.

**Note:** Low birthweight is defined as weight less than 2,500 grams at birth.

This analysis did not adjust for teen mothers who may not be old enough to have reached higher categorical education level.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Low Birthweight Live Births, as Percent of Total Live Births,  
by Parity  
Los Angeles County, 2000**



	Parity											
	1		2		3		4		5+		Unknown	
Birthweight	Number	Percent	Number	Percent								
<2,500 grams	4,119	7.0	2,816	5.7	1,663	5.9	754	6.2	704	8.6	24	17.5
<b>Total</b>	59,219	100.0	49,352	100.0	28,265	100.0	12,187	100.0	8,231	100.0	137	100.0

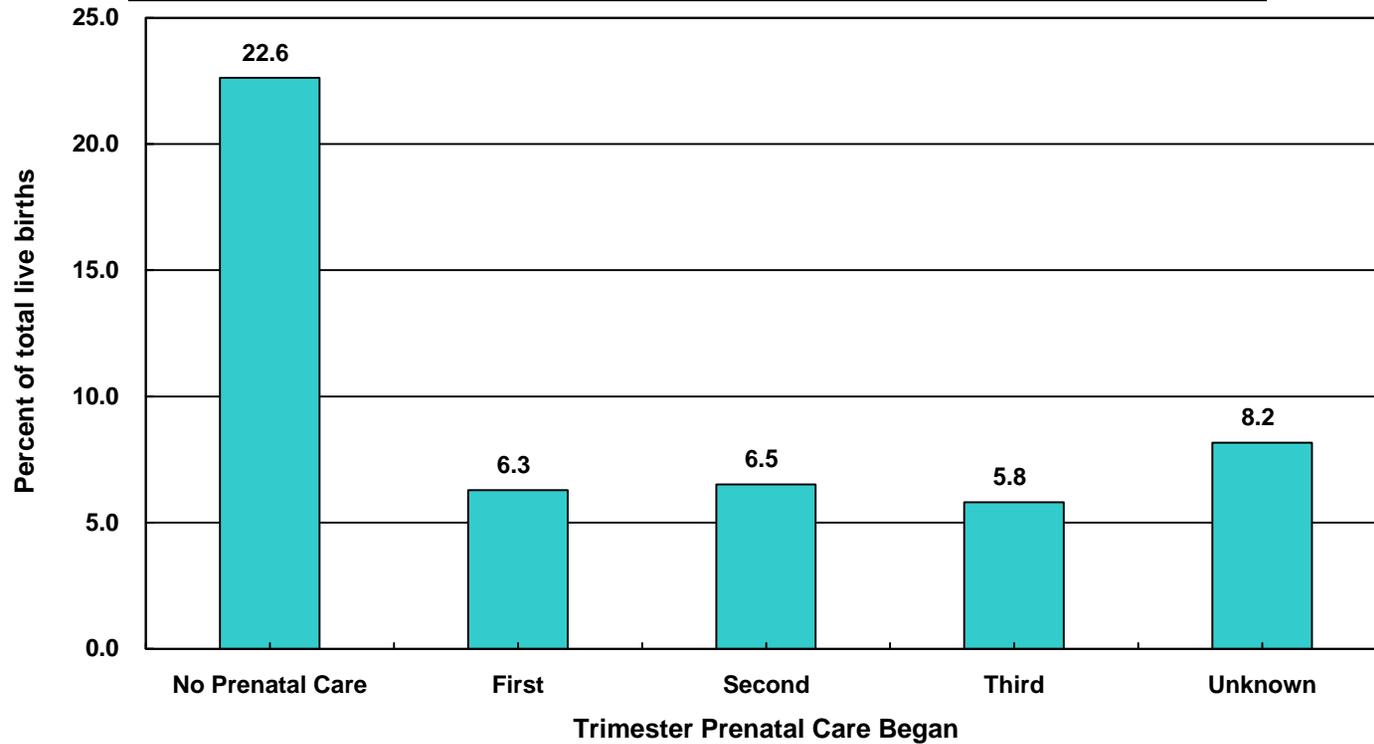
**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births.

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

Low birthweight is defined as weight less than 2,500 grams at birth.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began\*  
Los Angeles County, 2000**



	Trimester Prenatal Care Began									
	No Prenatal Care		First		Second		Third		Unknown	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<2,500 grams	165	22.6	8,508	6.3	1,047	6.5	166	5.8	194	8.2
<b>Total</b>	<b>729</b>	<b>100.0</b>	<b>135,356</b>	<b>100.0</b>	<b>16,069</b>	<b>100.0</b>	<b>2,862</b>	<b>100.0</b>	<b>2,375</b>	<b>100.0</b>

**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births.

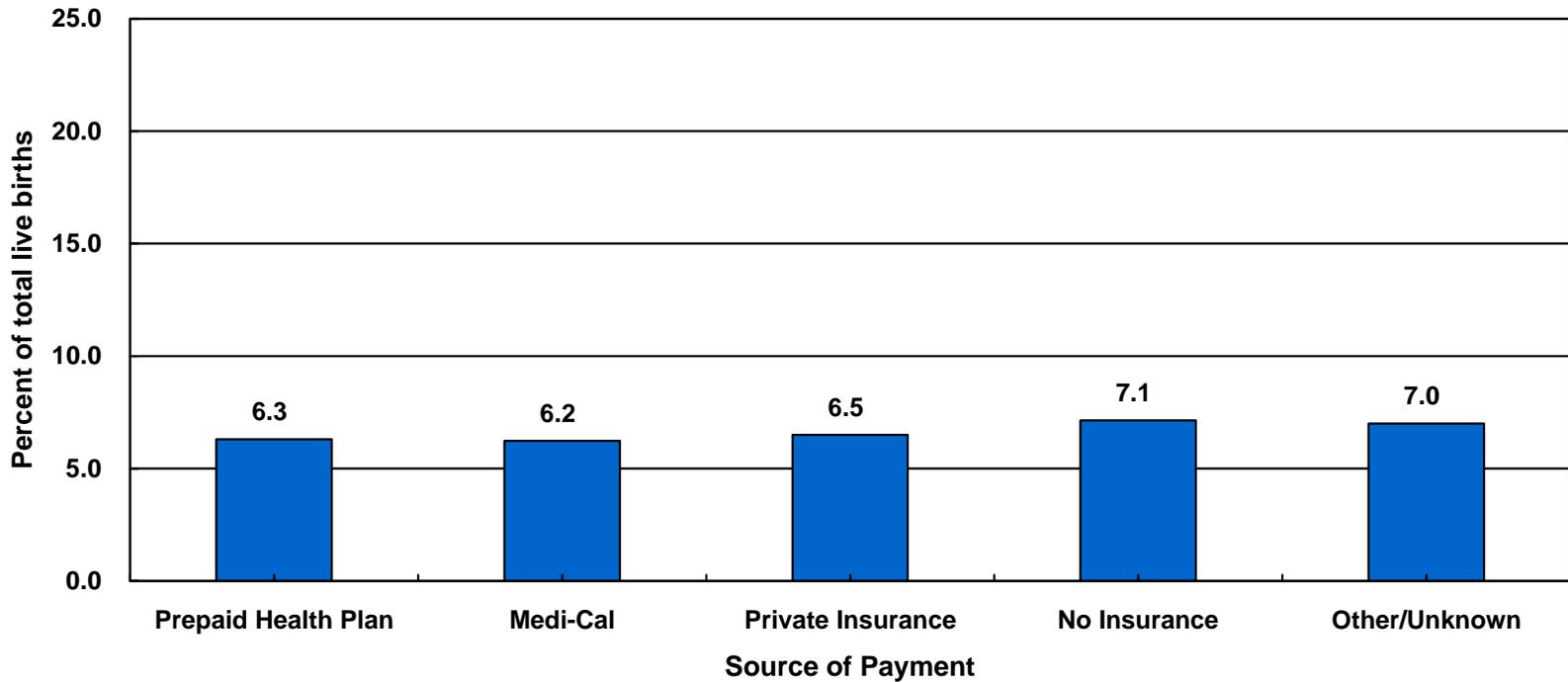
**Note:** Low birthweight is defined as weight less than 2,500 grams at birth.

\* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Low Birthweight Live Births, as Percent of Total Live Births,  
by Payment Source for Prenatal Care (PNC\*)  
Los Angeles County, 2000**



	Source of Payment											
	Prepaid Health Plan		Medi-Cal		Private Insurance		No Insurance		Other/Unknown		No Prenatal Care	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<2,500 grams	2,898	6.3	4,684	6.2	1,993	6.5	267	7.1	72	7.0	166	22.7
<b>Total</b>	46,015	100.0	75,181	100.0	30,699	100.0	3,738	100.0	1,028	100.0	730	100.0

**Year 2010 Objective:** Reduce low birthweight to an incidence of no more than 5 percent of live births.

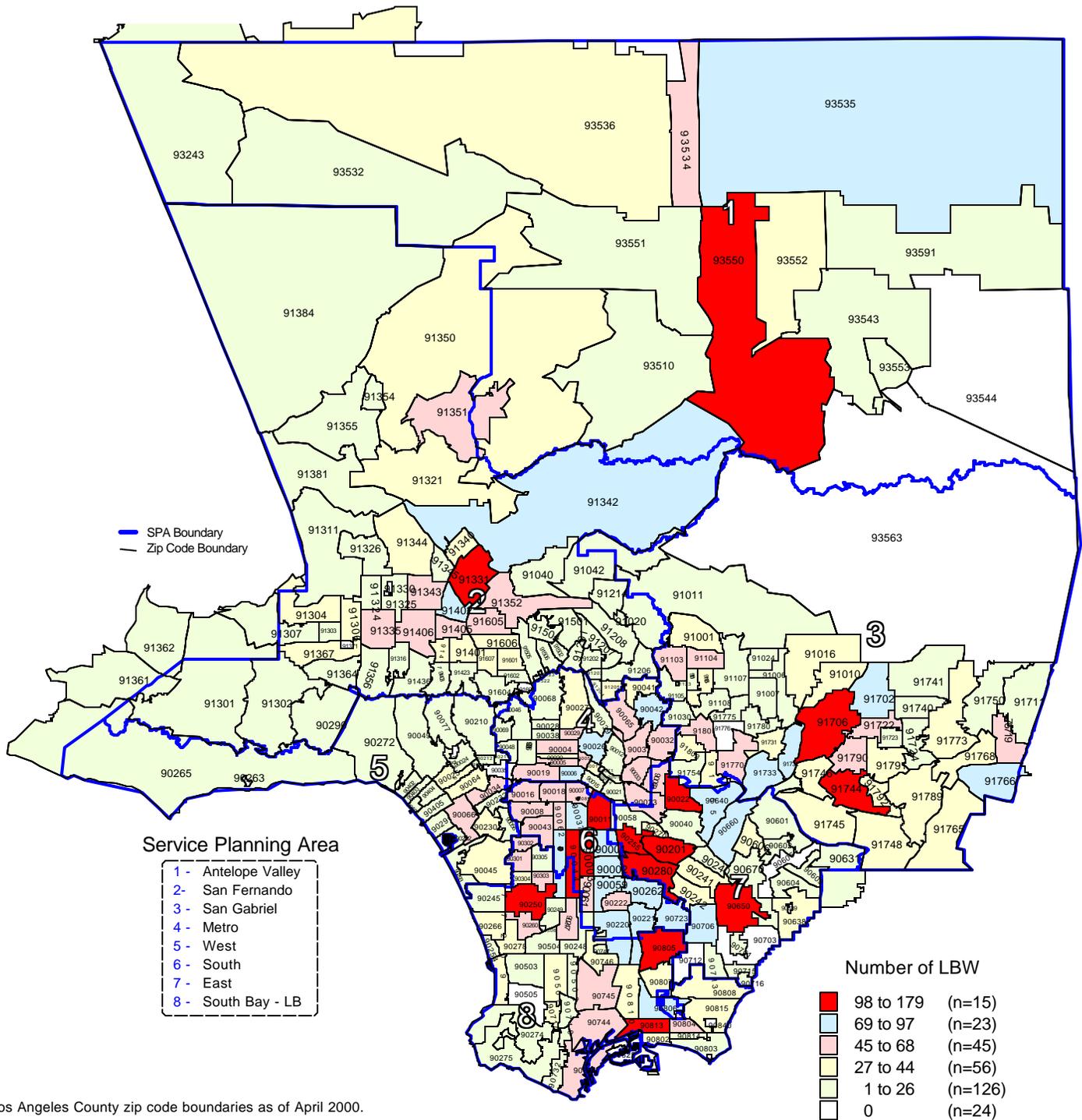
**Note:** Low birthweight is defined as weight less than 2,500 grams at birth

\* Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

# Number of Low Birthweight (LBW) Live Births by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

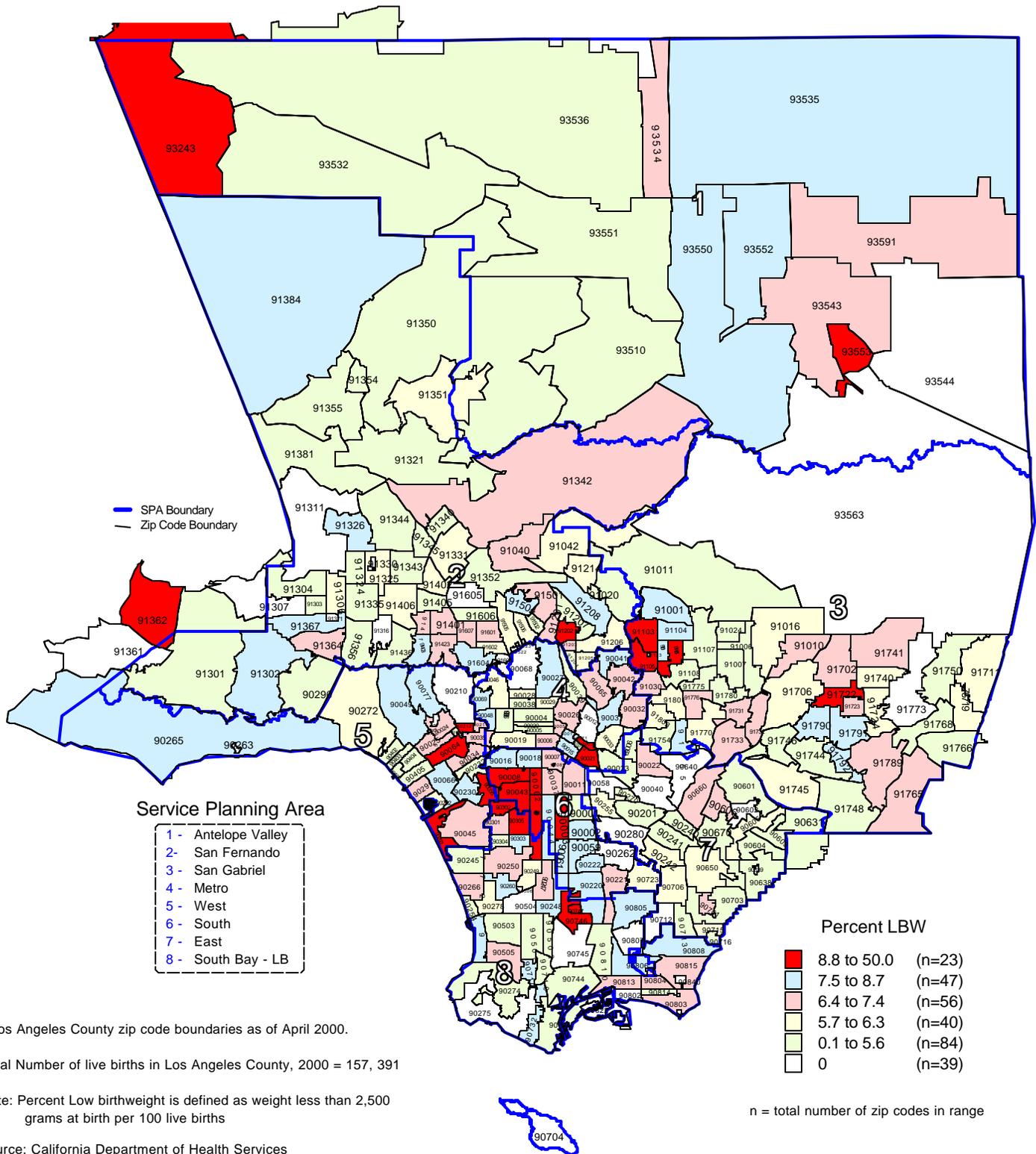
Total Number of live births in Los Angeles County, 2000 = 157,391  
 Note: Low birthweight is defined as weight less than 2,500 grams at birth

n = total number of zip codes in range

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

# Percent of Low Birthweight (LBW) Live Births by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Note: Percent Low birthweight is defined as weight less than 2,500 grams at birth per 100 live births

Source: California Department of Health Services  
Center for Health Statistics, Vital Statistics, 2000

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Percent of very low birthweight

**DEFINITION:** The percent of live births weighing less than 1,500 grams

**NUMERATOR:** The number of live births weighing less than 1,500 grams, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce very low birthweight to an incidence of no more than 0.9 percent of live births. (Baseline: 1.4 percent in 1998) (Objective 16-10b)

**RISK FACTORS:** Preterm birth; prior preterm birth; race/ethnicity (African American, Puerto Rican); substance use/abuse (e.g. illicit drug use)

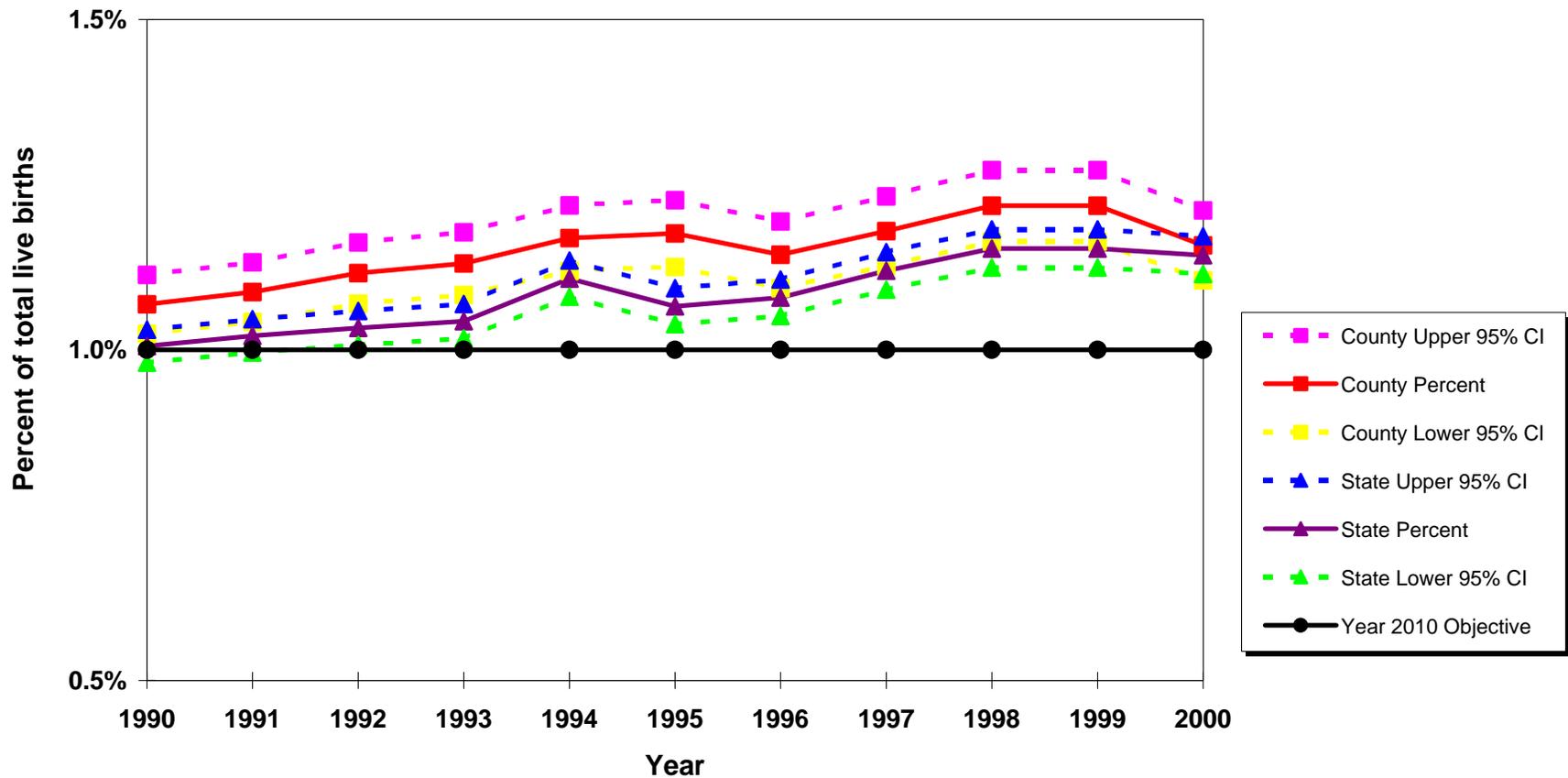
See also risk factors for low birthweight.

Year	California				LA County			
	Very Low Birthweight		95% Confidence Interval		Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1990	6,152	1.01%	0.98%	1.03%	2,182	1.07%	1.02%	1.11%
1991	6,223	1.02%	1.00%	1.05%	2,205	1.09%	1.04%	1.13%
1992	6,209	1.03%	1.01%	1.06%	2,204	1.12%	1.07%	1.16%
1993	6,099	1.04%	1.02%	1.07%	2,145	1.13%	1.08%	1.18%
1994	6,282	1.11%	1.08%	1.14%	2,109	1.17%	1.12%	1.22%
1995	5,877	1.07%	1.04%	1.09%	2,057	1.18%	1.13%	1.23%
1996	5,812	1.08%	1.05%	1.11%	1,933	1.14%	1.09%	1.19%
1997	5,869	1.12%	1.09%	1.15%	1,912	1.18%	1.13%	1.23%
1998	6,013	1.15%	1.12%	1.18%	1,932	1.22%	1.16%	1.27%
1999	5,950	1.15%	1.12%	1.18%	1,993	1.28%	1.22%	1.33%
2000	6,075	1.14%	1.11%	1.17%	1,823	1.16%	1.11%	1.21%

DENOMINATOR: Live Births	
California	LA County
611,666	204,124
609,228	202,737
600,838	197,415
584,483	189,706
567,034	180,394
551,226	174,862
538,628	168,973
524,174	162,036
521,265	158,604
518,073	156,153
531,285	157,391

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

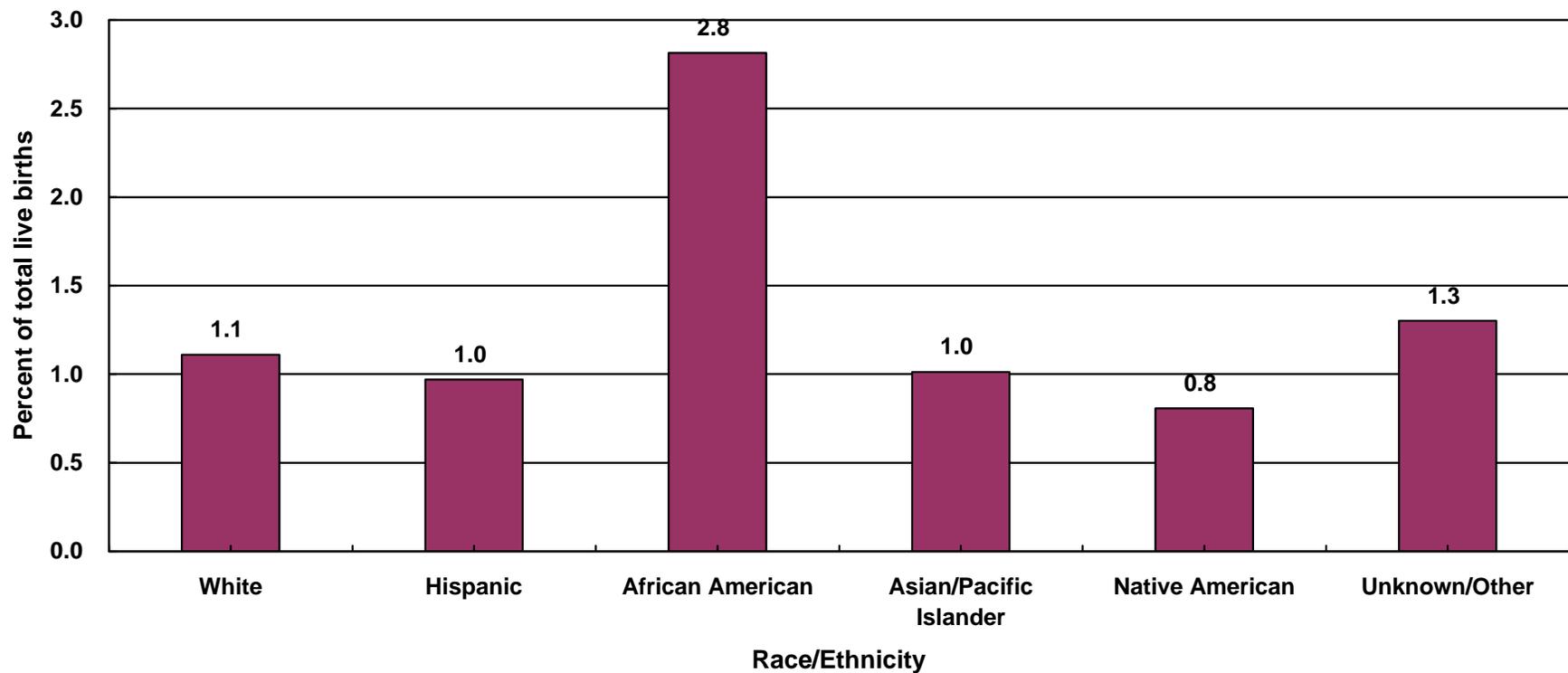
## Percent of Very Low Birthweight California vs. Los Angeles County, 1990 - 2000



**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

**Source:** California Department of Health Service, Center for Health Statistics, Vital Statistics, 1990-2000

**Very Low Birthweight Live Births, as Percent of Total Live Births,  
by Mother's Race/Ethnicity\*  
Los Angeles County, 2000**



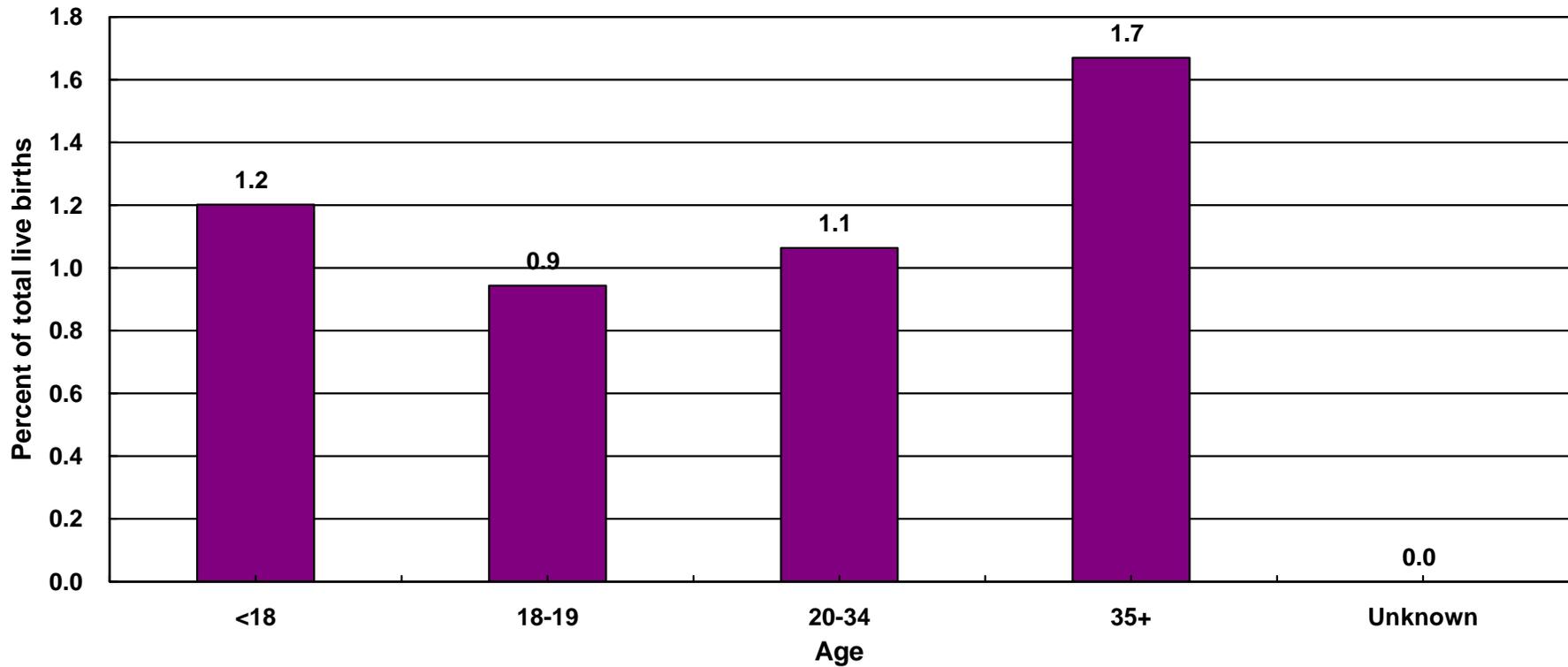
	Race/ Ethnicity											
	White		Hispanic		African American		Asian/Pacific Islander		Native American		Unknown/Other	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<1,500 grams	323	1.1	947	1.0	379	2.8	166	1.0	2	0.8	6	1.3
<b>Total</b>	29,094	100.00	97,719	100.00	13,468	100.00	16,401	100.00	248	100.00	461	100.00

**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

**Note:** \* White, African American, Asian/Pacific Islander, Native American and other races exclude Hispanic ethnicity. Hispanic includes any race category. Very low birthweight is defined as weight less than 1,500 grams at birth.

**Source:** California Department of Health Service, Center for Health Statistics, Vital Statistics, 2000

**Very Low Birthweight Live Births, as Percent of Total Live Births,  
by Mother's Age  
Los Angeles County, 2000**



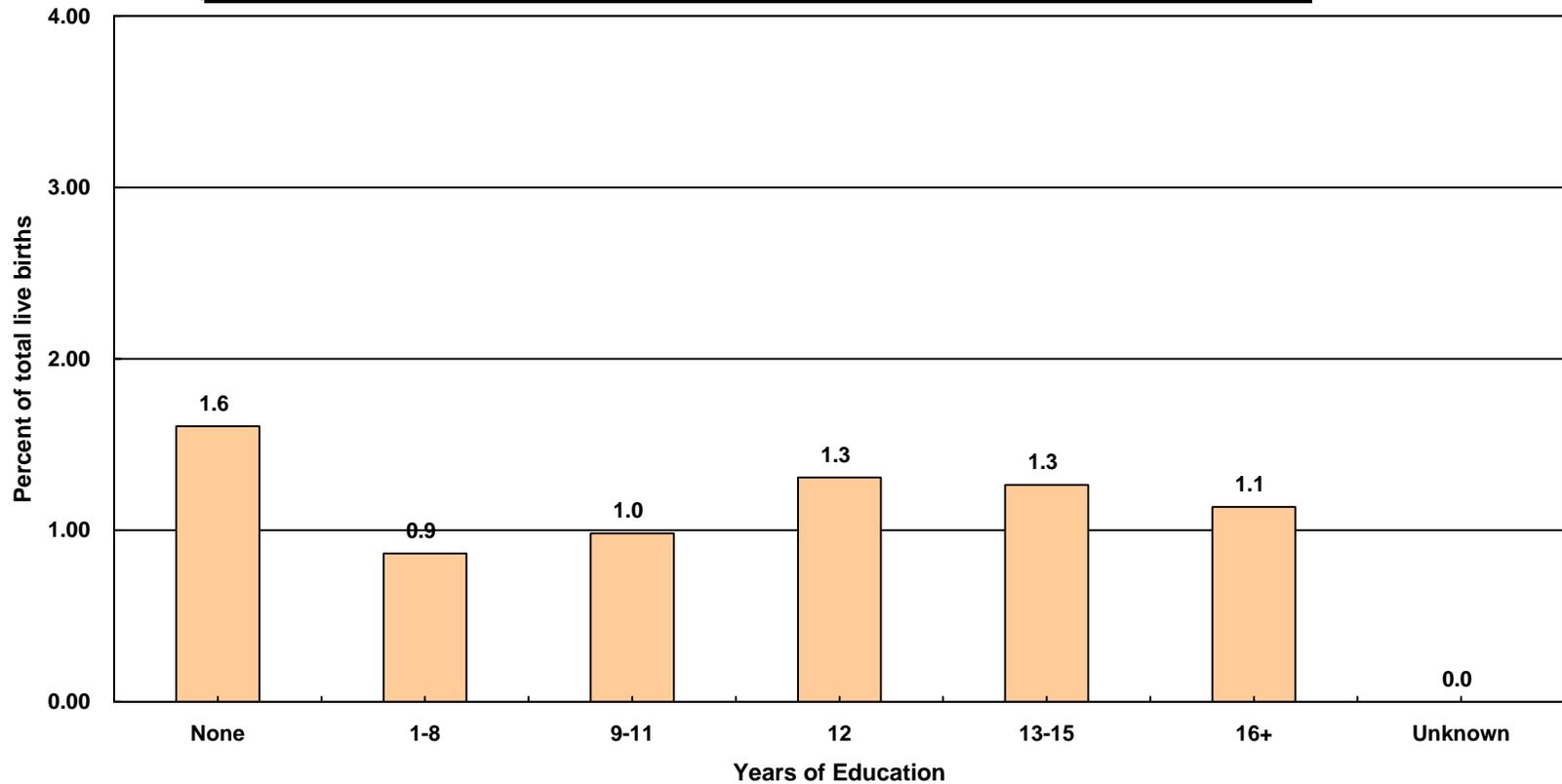
	Age									
	<18		18-19		20-34		35+		Unknown	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<1,500 grams	73	1.2	102	0.9	1,224	1.1	424	1.7	0	0.0
<b>Total</b>	6,075	100.00	10,807	100.00	115,111	100.00	25386	100.00	12	100.00

**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

**Note:** Very low birthweight is defined as weight less than 1,500 grams at birth.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Very Low Birthweight Live Births, as Percent of Total Live Births,  
by Mother's Years of Education  
Los Angeles County, 2000**



	Years of Education													
	None		1-8		9-11		12		13-15		16+		Unknown	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<1,500 grams	8	1.6	195	0.9	322	1.0	576	1.3	345	1.3	320	1.1	0	0.0
<b>Total</b>	498	100.00	22,587	100.00	32,779	100.00	44,050	100.00	27,300	100.00	28,171	100.00	2,006	100.00

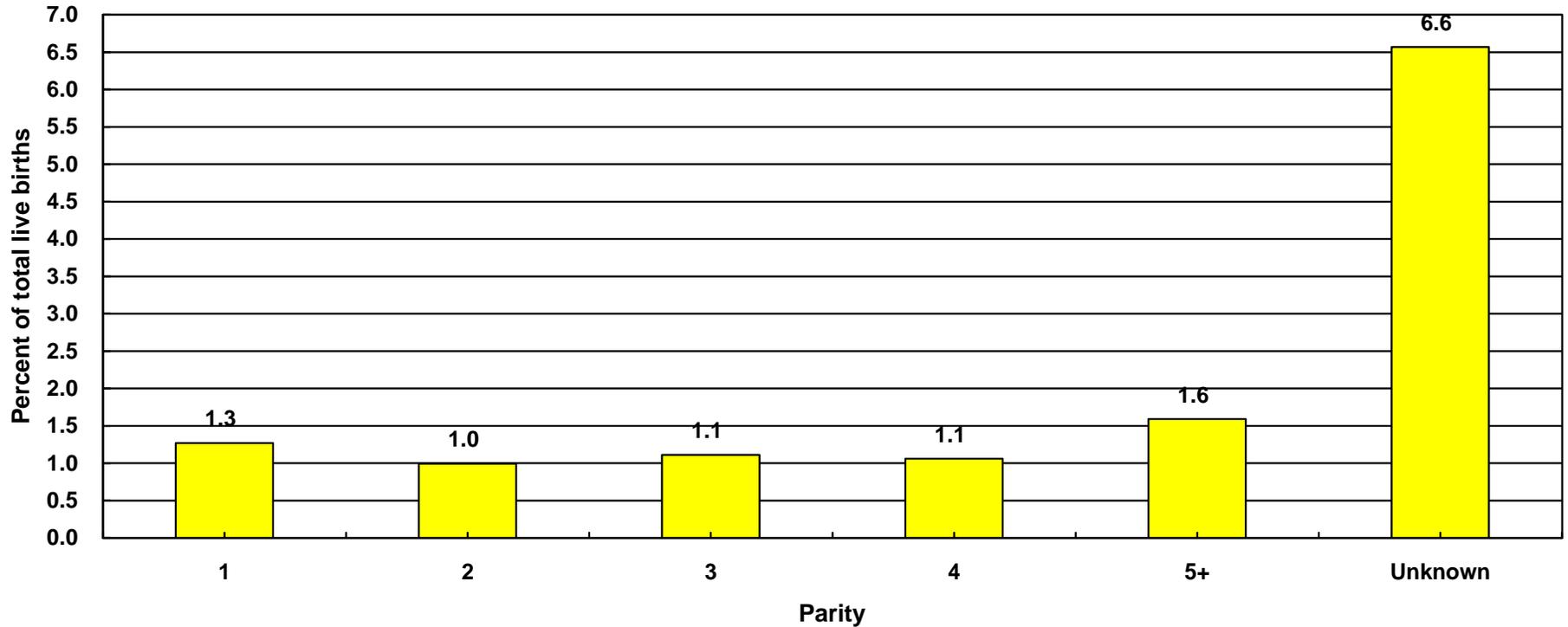
**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

**Note:** Very low birthweight is defined as weight less than 1,500 grams at birth.

This analysis did not adjust for teen mothers who may not be old enough to have reached higher categorical education level.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Very Low Birthweight Live Births, as Percent of Total Live Births,  
by Parity  
Los Angeles County, 2000**



	Parity											
	1		2		3		4		5+		Unknown	
Birthweight	Number	Percent	Number	Percent								
<1,500 grams	751	1.3	489	1.0	314	1.1	129	1.1	131	1.6	9	6.6
<b>Total</b>	59,219	100.00	49,352	100.00	28,265	100.00	12,187	100.00	8,231	100.00	137	100.00

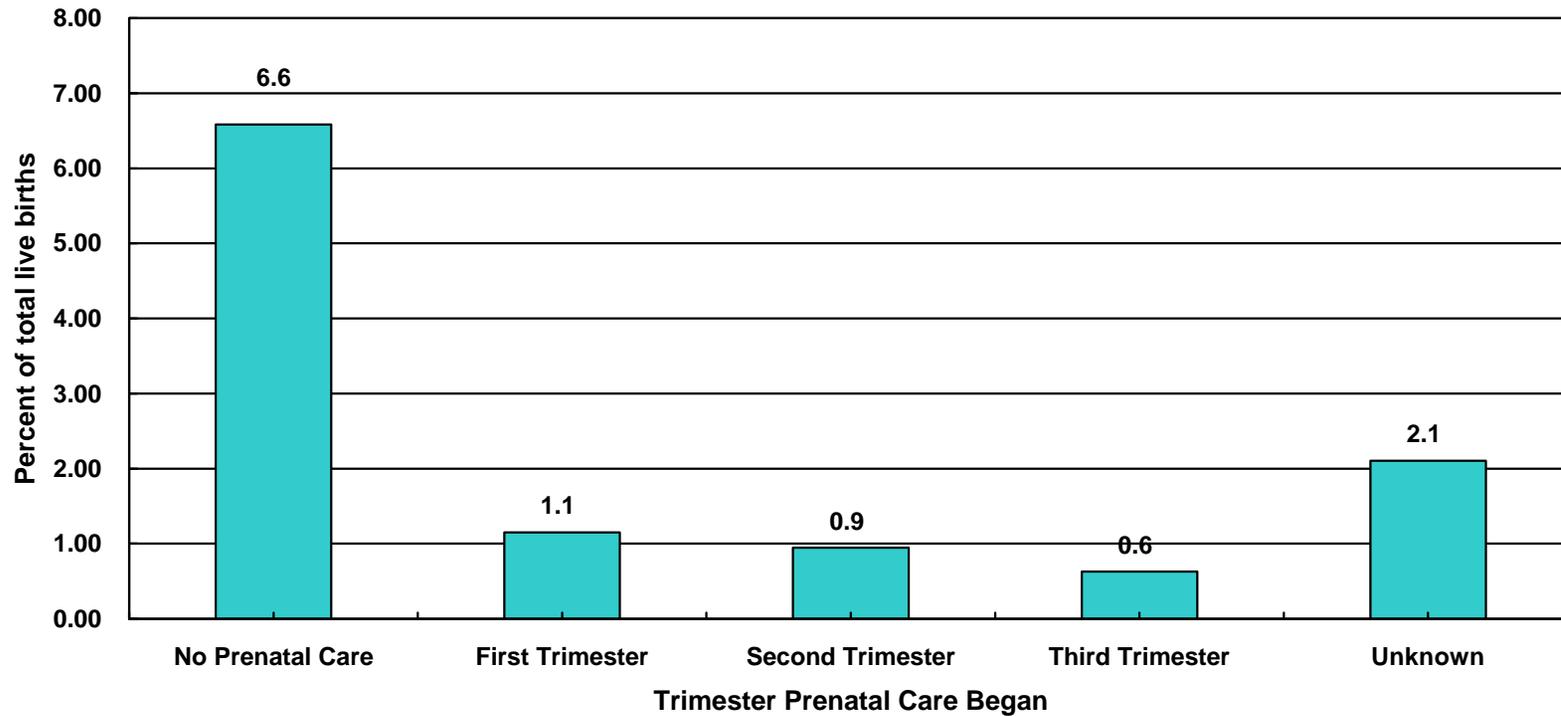
**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

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

Very low birthweight is defined as weight less than 1,500 grams at birth.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Very Low Birthweight Live Births, as Percent of Total Live Births,  
by Mother's Trimester Prenatal Care (PNC) Began\*  
Los Angeles County, 2000**



Birthweight	Trimester Prenatal Care Began									
	No Prenatal Care		First Trimester		Second Trimester		Third Trimester		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<1,500 grams	48	6.6	1,555	1.1	152	0.9	18	0.6	50	2.1
Total	729	100.00	135,356	100.00	16,069	100.00	2,862	100.00	2,375	100.00

**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

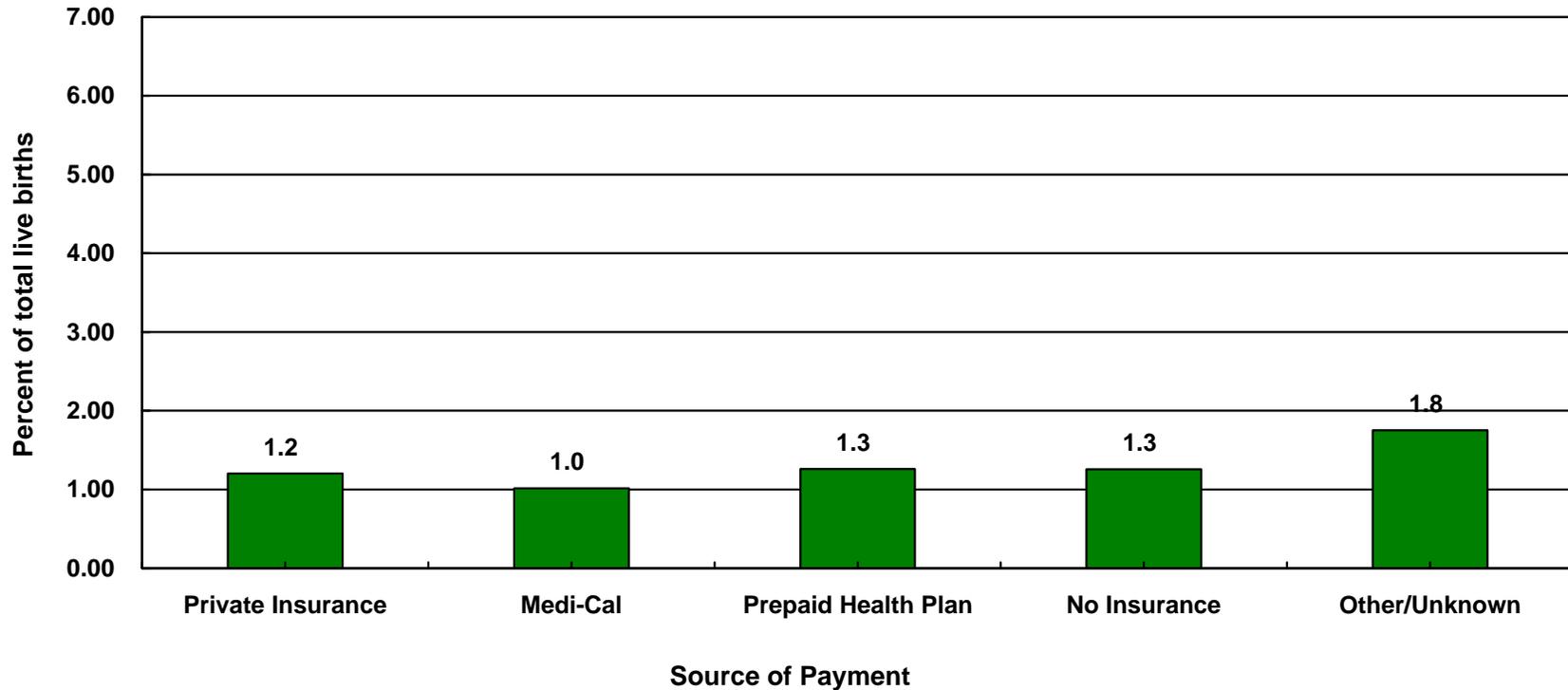
**Note:** Very low birthweight is defined as weight less than 1,500 grams at birth.

\* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Very Low Birthweight Live Births, as Percent of Total Live Births,  
by Payment Source for Prenatal Care (PNC\*)  
Los Angeles County, 2000**



	Source of Payment											
	Private Insurance		Medi-Cal		Prepaid Health Plan		No Insurance		Other/Unknown		No Prenatal Care	
Birthweight	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<1,500 grams	369	1.2	762	1.0	579	1.3	47	1.3	18	1.8	48	6.6
<b>Total</b>	30,699	100.00	75,181	100.00	46,015	100.00	3,738	100.00	1,028	100.00	730	100.00

**Year 2010 Objective:** Reduce very low birthweight to an incidence of no more than 0.9 percent of live births

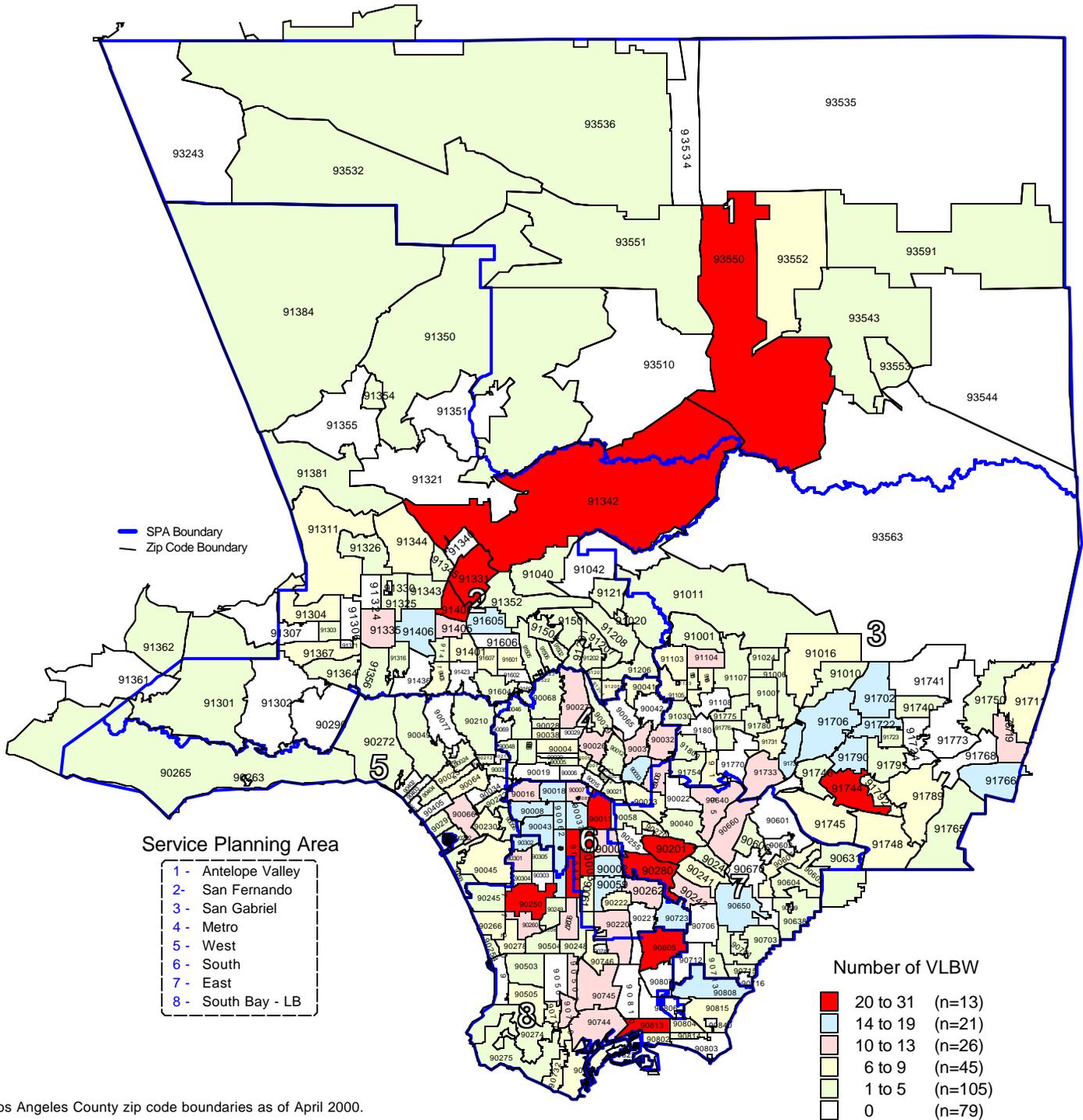
**Note:** Very low birthweight is defined as weight less than 1,500 grams at birth.

\* Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Los Angeles County - Department of Health Services  
**Number of Very Low Birthweight (VLBW) Live Births  
 by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

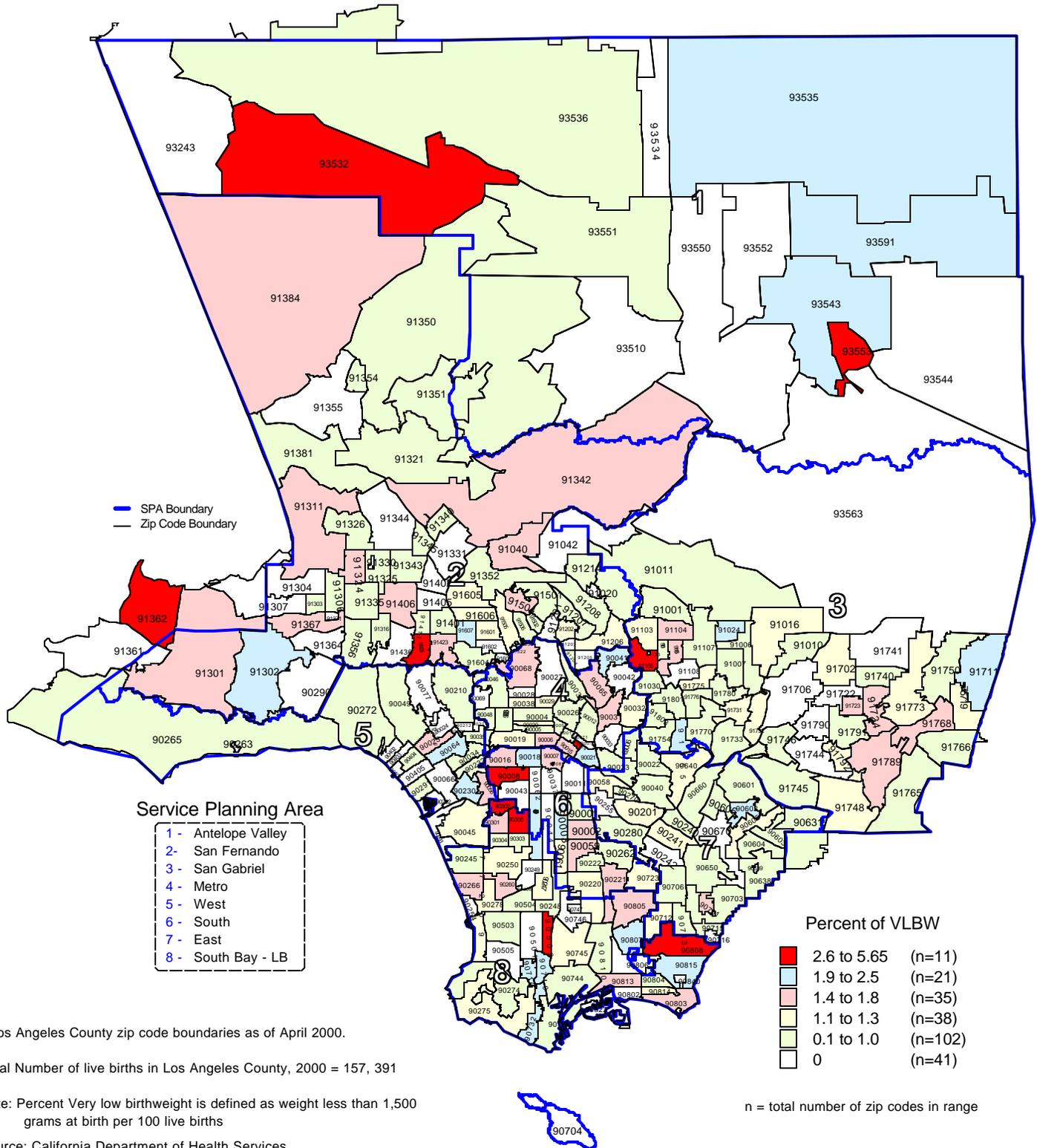
Total Number of live births in Los Angeles County, 2000 = 157,391  
 Note: Very low birthweight is defined as weight less than 1,500 grams at birth

n = total number of zip codes in range

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

Los Angeles County - Department of Health Services  
**Percent of Very Low Birthweight (VLBW) Live Births  
 by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Note: Percent Very low birthweight is defined as weight less than 1,500 grams at birth per 100 live births

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# **PRENATAL CARE**

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** First trimester onset of prenatal care (PNC)

**DEFINITION:** The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

**NUMERATOR:** The number of live births to women who received prenatal care during the first trimester, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.  
(Baseline: 83 percent of live births in 1998) (Objective 16-6a)

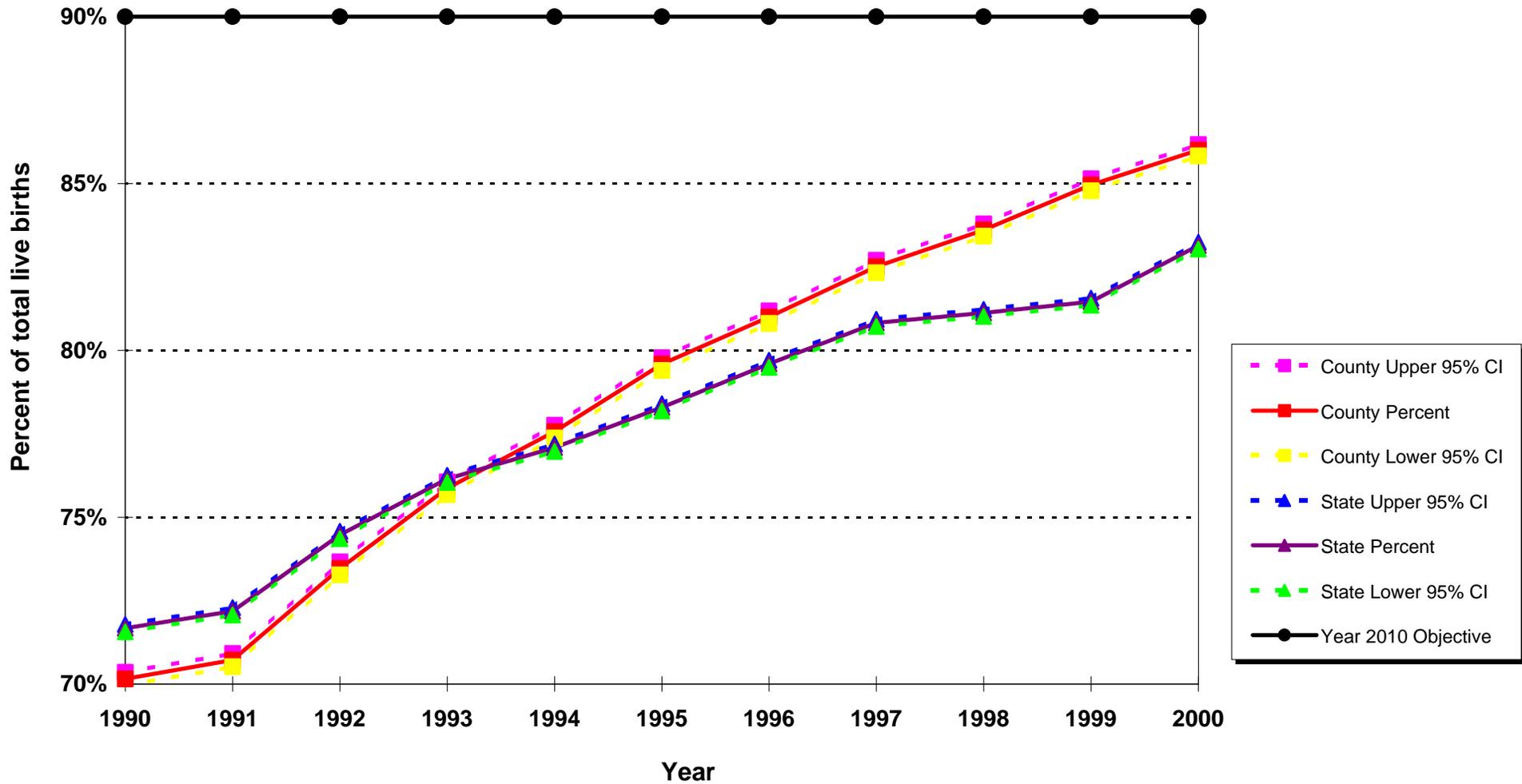
**RISK FACTORS:** For not obtaining early prenatal care

Low income; young maternal age/teen pregnancy; low maternal education level; race/ethnicity (African American, Hispanic, American Indian/Alaska Native); high parity; maternal substance abuse; lack of health insurance; lack of obstetrical providers

Year	California				LA County				DENOMINATOR: Live Births	
	First Trimester Prenatal Care		95% Confidence Interval		First Trimester Prenatal Care		95% Confidence Interval		California	LA County
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper		
1990	438,407	71.7%	71.6%	71.8%	143,195	70.2%	70.0%	70.3%	611,666	204,124
1991	439,733	72.2%	72.1%	72.3%	143,369	70.7%	70.5%	70.9%	609,228	202,737
1992	447,434	74.5%	74.4%	74.6%	145,029	73.5%	73.3%	73.7%	600,838	197,415
1993	445,079	76.1%	76.0%	76.3%	143,920	75.9%	75.7%	76.1%	584,483	189,706
1994	437,094	77.1%	77.0%	77.2%	139,928	77.6%	77.4%	77.8%	567,034	180,394
1995	431,572	78.3%	78.2%	78.4%	139,172	79.6%	79.4%	79.8%	551,226	174,862
1996	428,724	79.6%	79.5%	79.7%	136,863	81.0%	80.8%	81.2%	538,628	168,973
1997	423,640	80.8%	80.7%	80.9%	133,701	82.5%	82.3%	82.7%	524,174	162,036
1998	422,866	81.1%	81.0%	81.2%	132,607	83.6%	83.4%	83.8%	521,265	158,604
1999	422,020	81.5%	81.4%	81.6%	132,670	85.0%	84.8%	85.1%	518,073	156,153
2000	441,712	83.1%	83.0%	83.2%	135,356	86.0%	85.8%	86.2%	531,285	157,391

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

## Percent of First Trimester Onset of Prenatal Care (PNC) California vs. Los Angeles County, 1990 - 2000

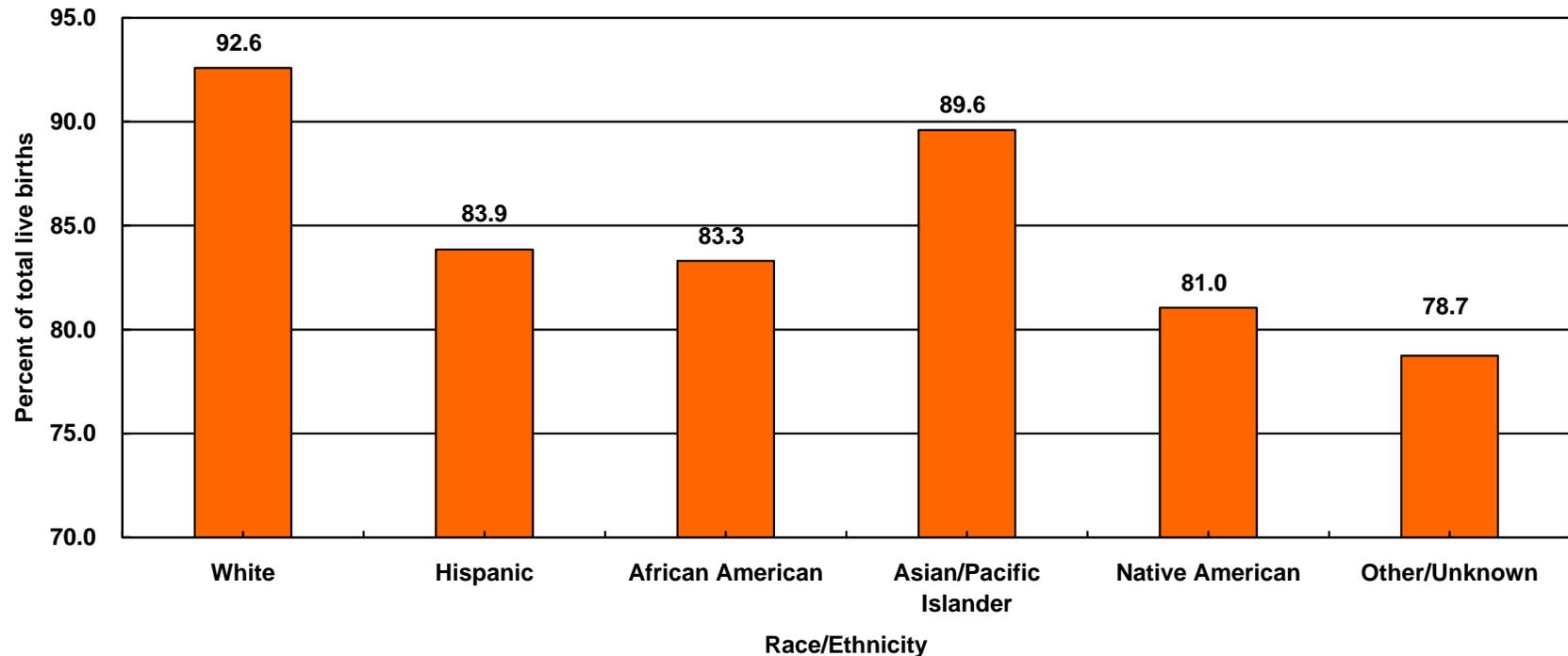


**Year 2010 Objective:** Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.

**Note:** This measure excludes the prenatal care experiences of all women whose pregnancies did not result in live births.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

**Live Births to Mothers Starting Prenatal Care (PNC) in First Trimester  
as Percent of Total Live Births by Mother's Race/Ethnicity\*  
Los Angeles County, 2000**



	Race/Ethnicity											
	White		Hispanic		African American		Asian/Pacific Islander		Native American		Other/Unknown	
Trimester	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
First	26,937	92.6	81,941	83.9	11,220	83.3	14,694	89.6	201	81.0	363	78.7
Total	29,094	100.0	97,719	100.0	13,468	100.0	16,401	100.0	248	100.0	461	100.0

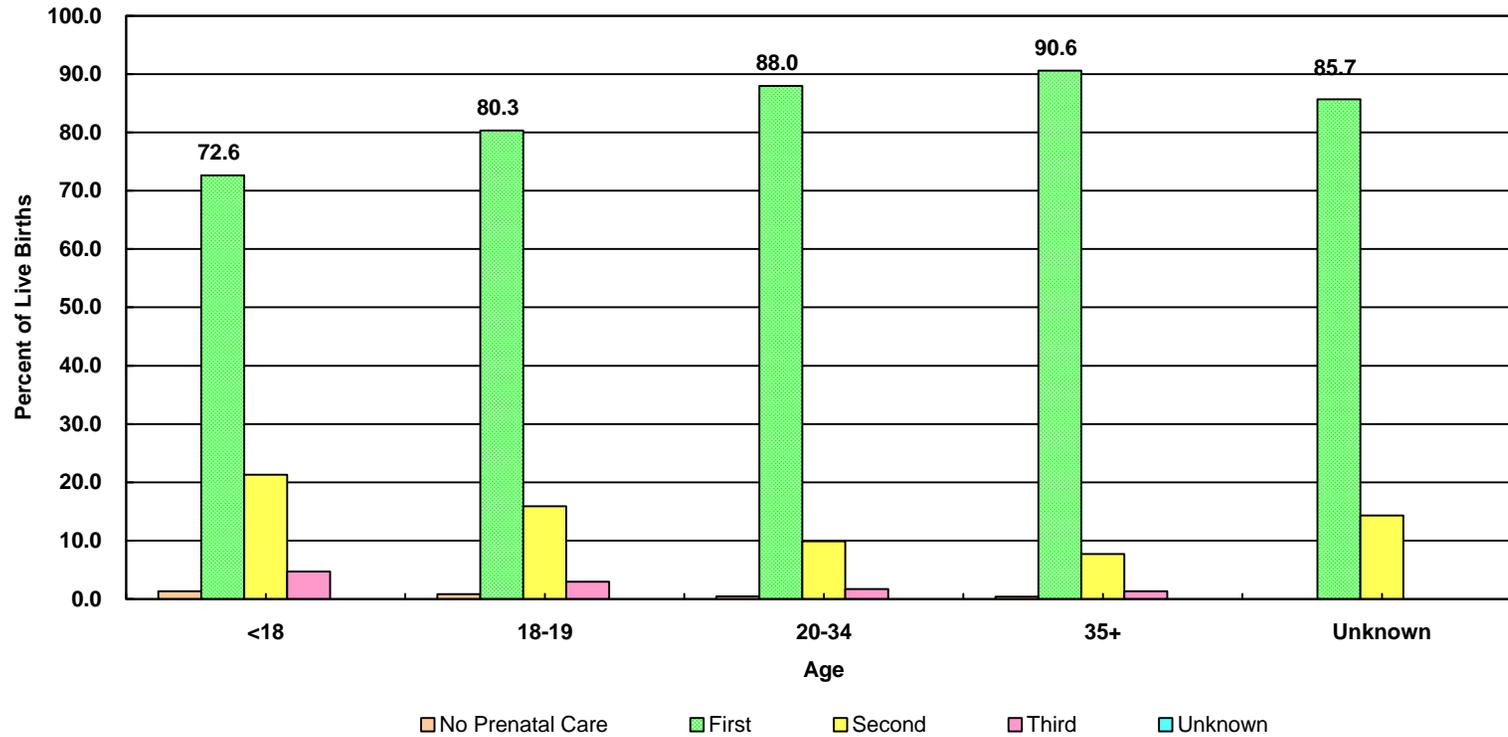
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**Note:** \* White, African American, Asian, Pacific Islander, Native American and other races exclude Hispanic ethnicity. Hispanic includes any race category.

This measure excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC) Began\*  
by Mother's Age  
Los Angeles County, 2000**



Trimester	Age									
	< 18		18 - 19		20 - 34		35+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No PNC	78	1.3	88	0.8	469	0.4	94	0.4	0	0.0
First	4,326	72.6	8,504	80.3	99,854	88.0	22,666	90.6	6	85.7
Second	1,270	21.3	1,684	15.9	11,186	9.9	1,928	7.7	1	14.3
Third	281	4.7	312	2.9	1,946	1.7	323	1.3	0	0.0
Unknown	0	0.0	0	0.0	6	0.0	2	0.0	0	0.0
<b>Total</b>	<b>5,955</b>	<b>100.0</b>	<b>10,588</b>	<b>100.0</b>	<b>113,461</b>	<b>100.0</b>	<b>25,013</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>

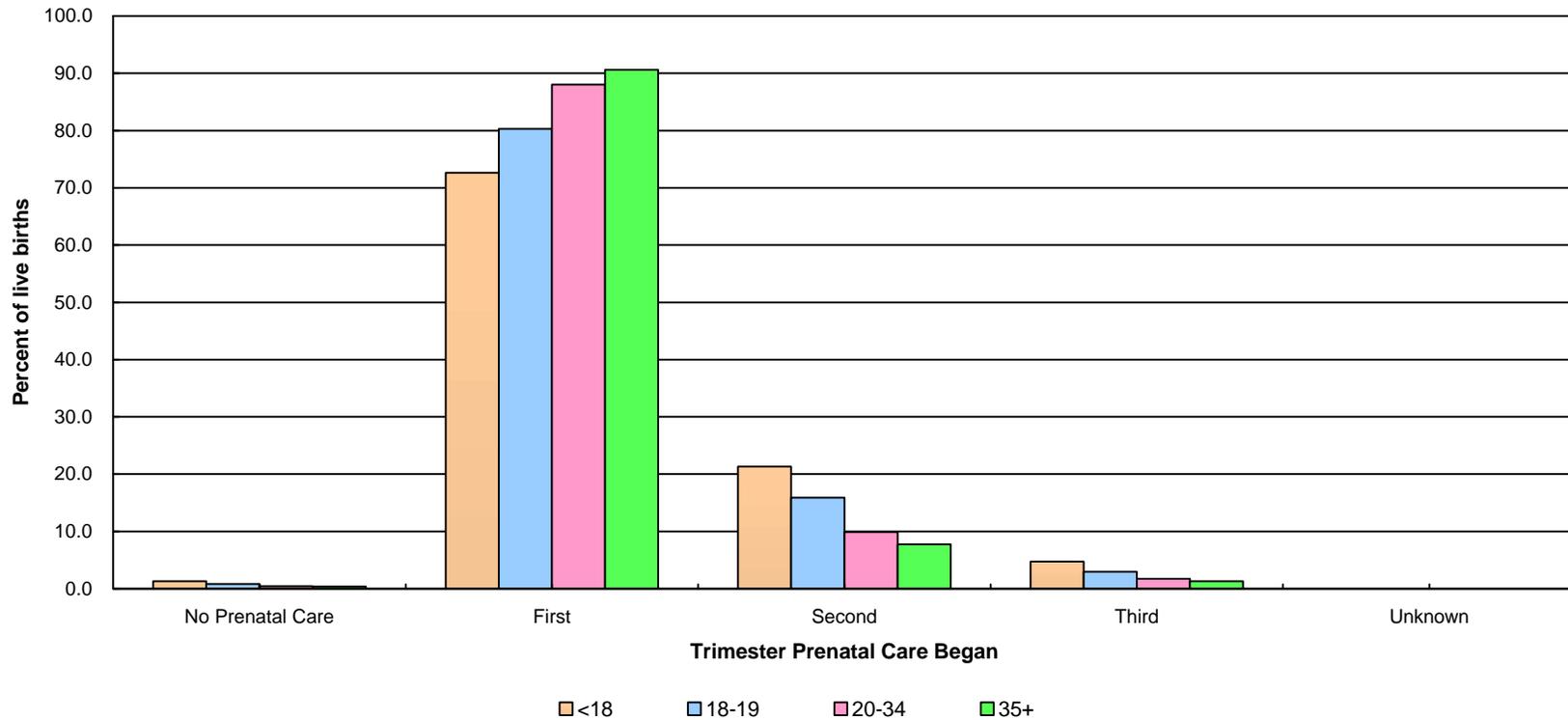
**Year 2010 Objective:** Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy

**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC) Began\*  
by Mother's Age  
Los Angeles County, 2000**



Trimester	Age									
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<b>Total</b>	<b>5,955</b>	<b>100.0</b>	<b>10,588</b>	<b>100.0</b>	<b>113,461</b>	<b>100.0</b>	<b>25,013</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>

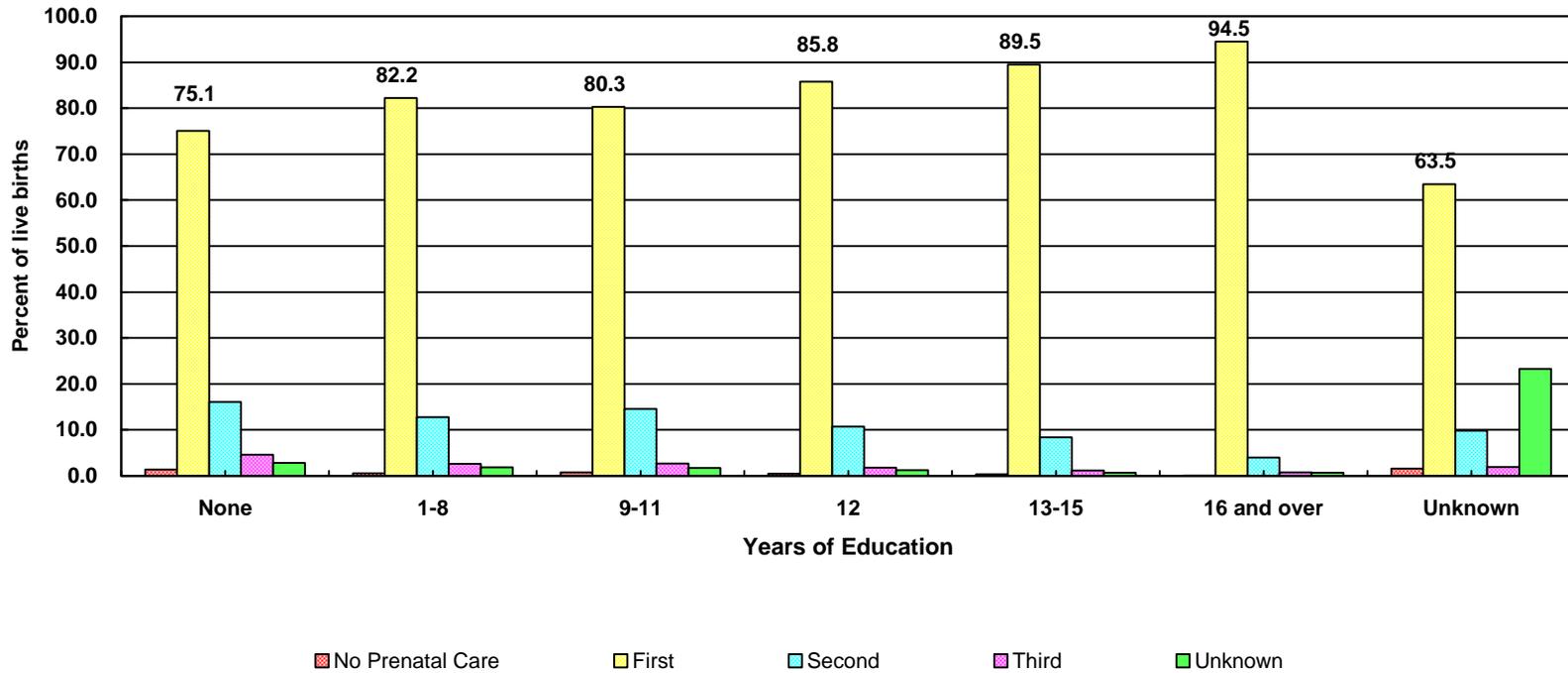
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**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC) Began\*  
by Mother's Years of Education  
Los Angeles County, 2000**



Trimester	Years of Education													
	None		1 - 8		9 - 11		12		13 - 15		16 and over		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No PNC	7	1.4	117	0.5	256	0.8	211	0.5	87	0.3	20	0.1	31	1.5
First	374	75.1	18,572	82.2	26,312	80.3	37,779	85.8	24,426	89.5	26,620	94.5	1,273	63.5
Second	80	16.1	2,892	12.8	4,771	14.6	4,719	10.7	2,288	8.4	1,122	4.0	197	9.8
Third	23	4.6	592	2.6	884	2.7	792	1.8	318	1.2	215	0.8	38	1.9
Unknown	14	2.8	414	1.8	556	1.7	549	1.2	181	0.7	194	0.7	467	23.3
<b>Total</b>	<b>498</b>	<b>100.0</b>	<b>22,587</b>	<b>100.0</b>	<b>32,779</b>	<b>100.0</b>	<b>44,050</b>	<b>100.0</b>	<b>27,300</b>	<b>100.0</b>	<b>28,171</b>	<b>100.0</b>	<b>2,006</b>	<b>100.0</b>

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

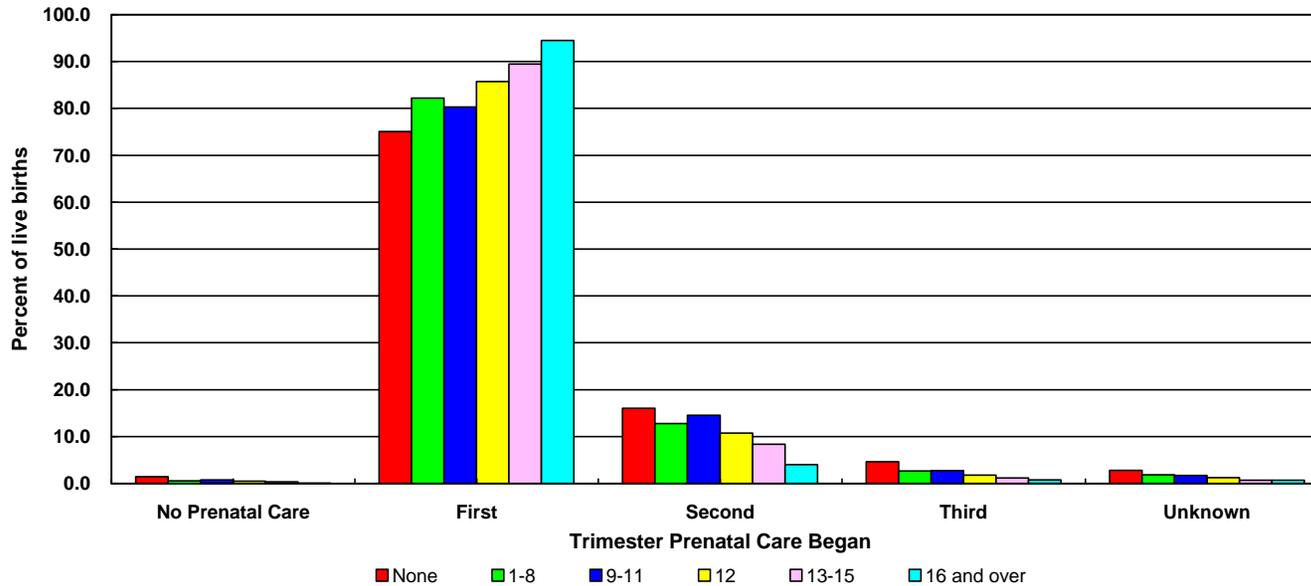
**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

This analysis did not adjust for teen mothers who may not be old enough to have reached higher educational level.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC) Began\*  
by Mother's Years of Education  
Los Angeles County, 2000**



Trimster	Years of Education													
	None		1 - 8		9 - 11		12		13 - 15		16 and over		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No PNC	7	1.4	117	0.5	256	0.8	211	0.5	87	0.3	20	0.1	31	1.5
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Second	80	16.1	2,892	12.8	4,771	14.6	4,719	10.7	2,288	8.4	1,122	4.0	197	9.8
Third	23	4.6	592	2.6	884	2.7	792	1.8	318	1.2	215	0.8	38	1.9
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**Year 2010 Objective:** Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.

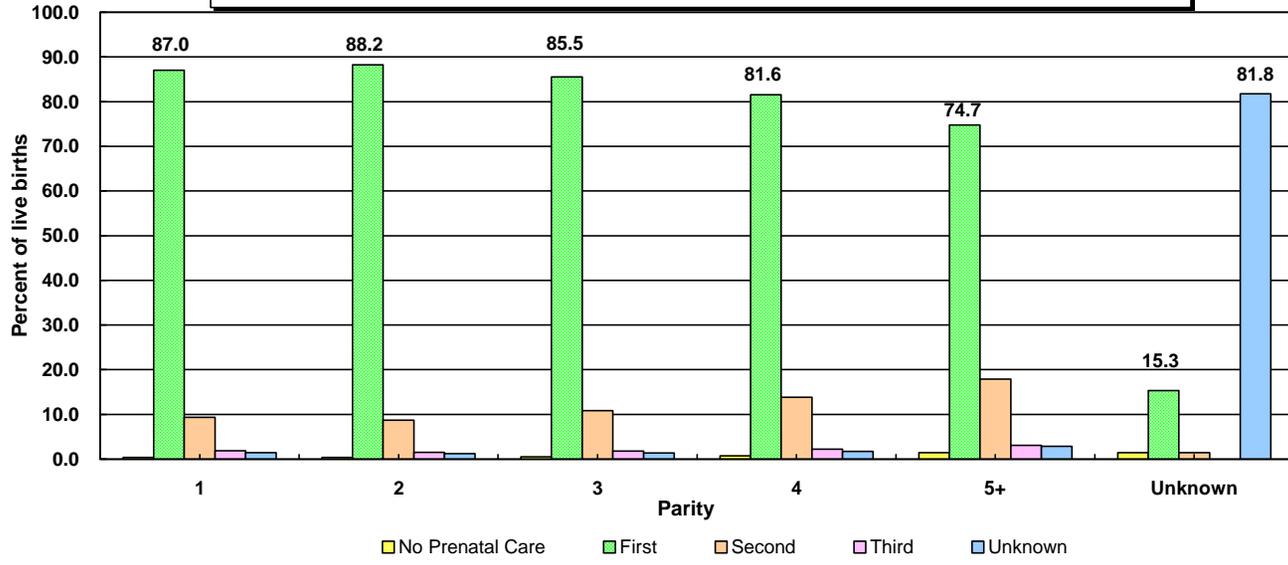
**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

This analysis did not adjust for teen mothers who may not be old enough to have reached higher categorical education level.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC)  
Began\* by Parity  
Los Angeles County, 2000**



Trimester	Parity											
	1		2		3		4		5+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No PNC	230	0.4	160	0.3	133	0.5	85	0.7	119	1.4	2	1.5
First	51,522	87.0	43,545	88.2	24,177	85.5	9,939	81.6	6,152	74.7	21	15.3
Second	5,547	9.4	4,299	8.7	3,062	10.8	1,686	13.8	1,473	17.9	2	1.5
Third	1,096	1.9	740	1.5	504	1.8	271	2.2	251	3.0	0	0.0
Unknown	824	1.4	608	1.2	389	1.4	206	1.7	236	2.9	112	81.8
<b>Total</b>	<b>59,219</b>	<b>100.0</b>	<b>49,352</b>	<b>100.0</b>	<b>28,265</b>	<b>100.0</b>	<b>12,187</b>	<b>100.0</b>	<b>8,231</b>	<b>100.0</b>	<b>137</b>	<b>100.0</b>

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

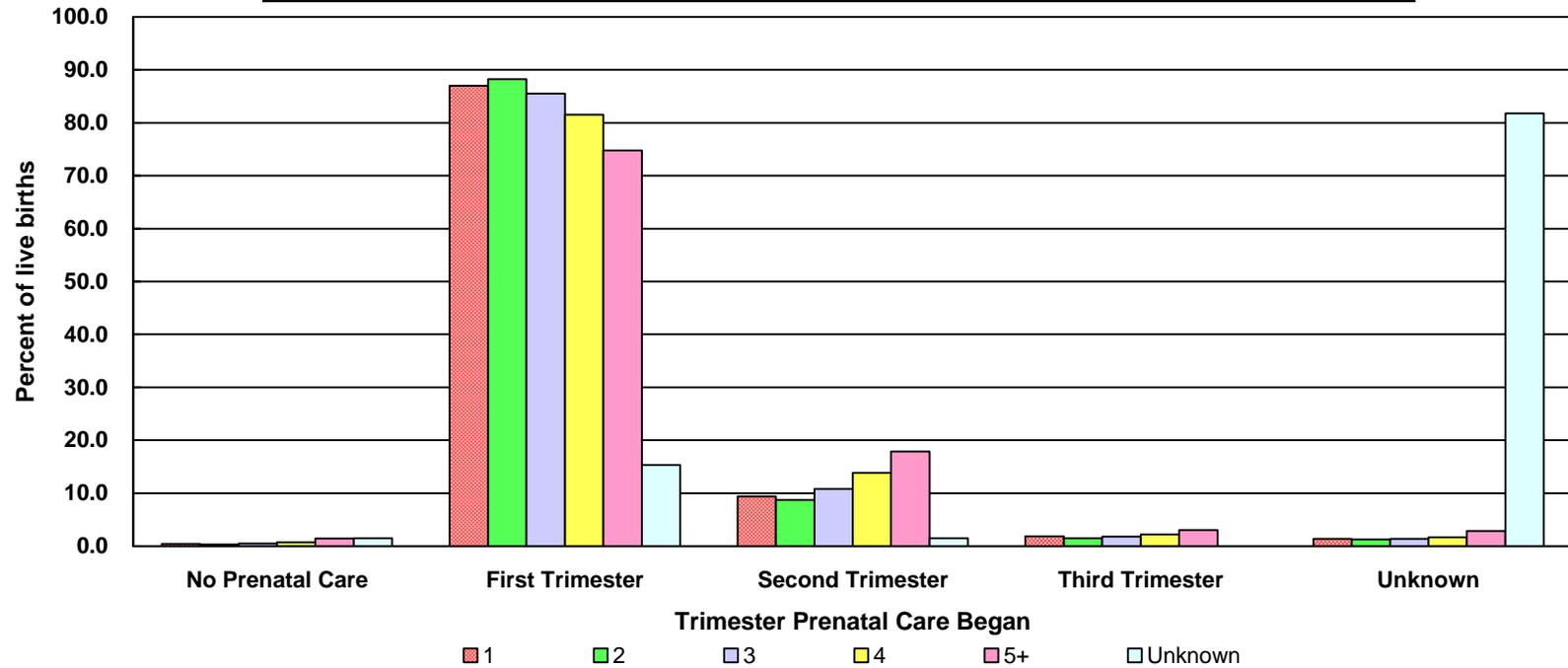
**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

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

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC)  
Began\* by Parity  
Los Angeles County, 2000**



Trimester	Parity											
	1		2		3		4		5+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
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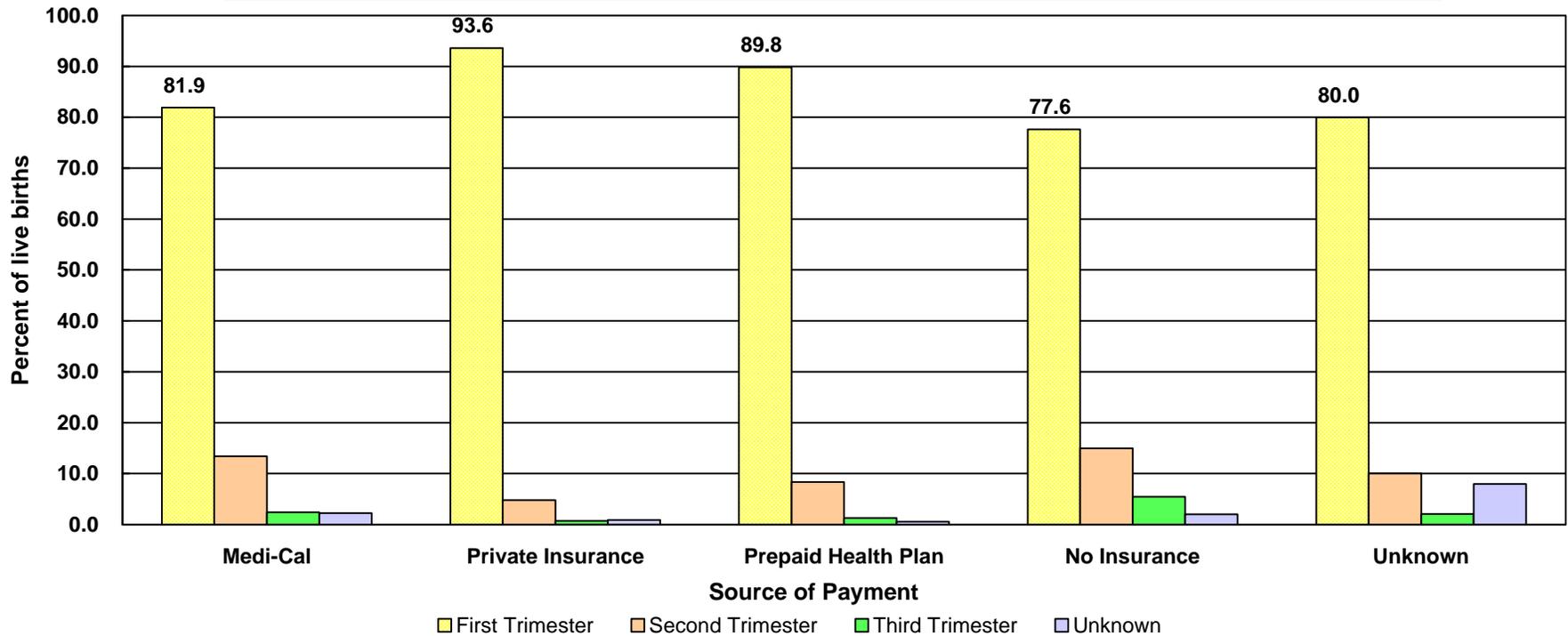
**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

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

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC) Began\*  
by Source of Payment  
Los Angeles County, 2000**



Trimester	Source of Payment											
	No Prenatal Care		Medi-Cal		Private Insurance		Prepaid Health Plan		No Insurance		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No PNC	729	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
First	0	0.0	61,582	81.9	28,728	93.6	41,322	89.8	2,901	77.6	823	80.0
Second	0	0.0	10,095	13.4	1,476	4.8	3,836	8.3	559	15.0	103	10.0
Third	0	0.0	1,819	2.4	217	0.7	601	1.3	204	5.5	21	2.0
Unknown	0	0.0	1,685	2.2	278	0.9	256	0.6	74	2.0	82	8.0
<b>Total</b>	<b>729</b>	<b>100.0</b>	<b>75,181</b>	<b>100.0</b>	<b>30,699</b>	<b>100.0</b>	<b>46,015</b>	<b>100.0</b>	<b>3,738</b>	<b>100.0</b>	<b>1,029</b>	<b>100.0</b>

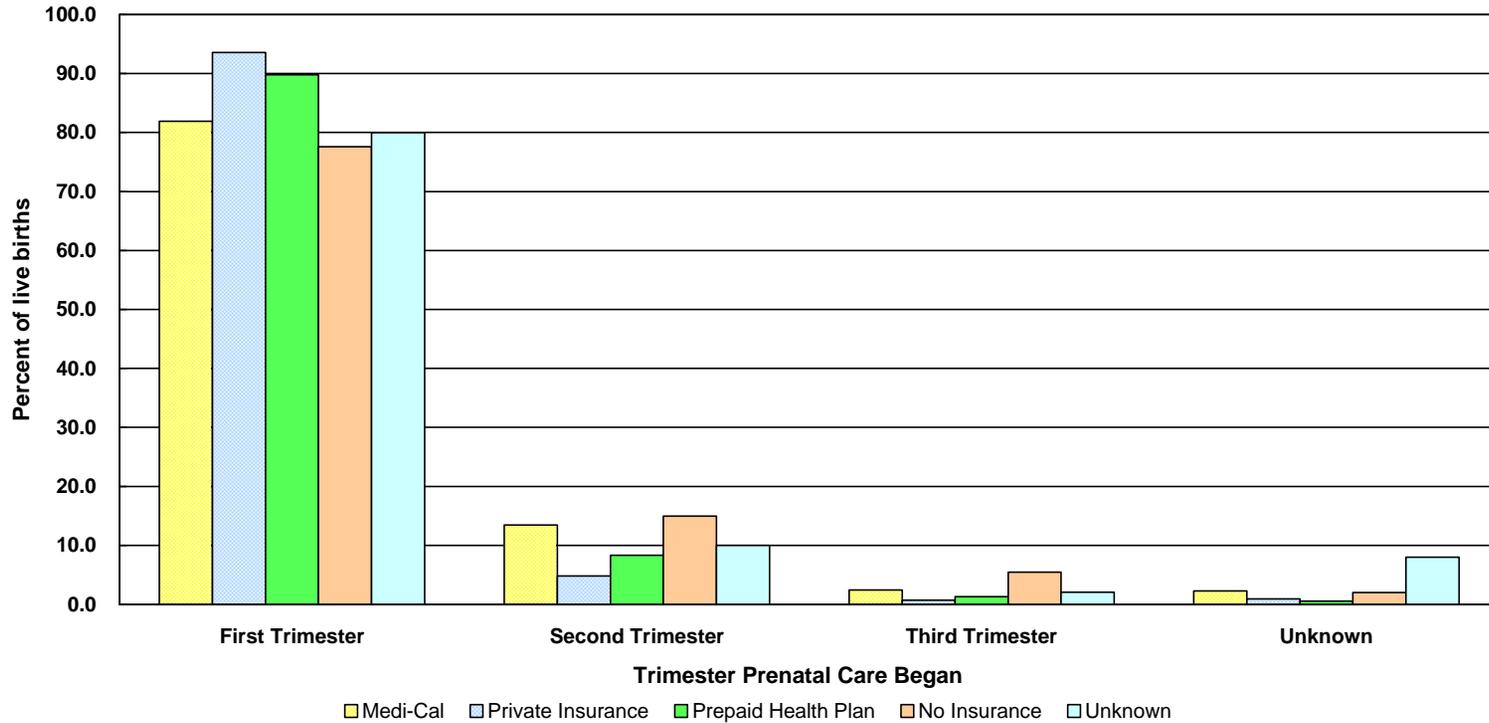
**Year 2010 Objective:** Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.

**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births for Mother's Trimester Prenatal Care (PNC) Began\*  
by Source of Payment  
Los Angeles County, 2000**



Trimester	Source of Payment											
	No Prenatal Care		Medi-Cal		Private Insurance		Prepaid Health Plan		No Insurance		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>No PNC</b>	729	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>First</b>	0	0.0	61,582	81.9	28,728	93.6	41,322	89.8	2,901	77.6	823	80.0
<b>Second</b>	0	0.0	10,095	13.4	1,476	4.8	3,836	8.3	559	15.0	103	10.0
<b>Third</b>	0	0.0	1,819	2.4	217	0.7	601	1.3	204	5.5	21	2.0
<b>Unknown</b>	0	0.0	1,685	2.2	278	0.9	256	0.6	74	2.0	82	8.0
<b>Total</b>	729	100.0	75,181	100.0	30,699	100.0	46,015	100.0	3,738	100.0	1,029	100.0

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

**Note:** \* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
90000	*	*	*	*	*	*	*	*	*
90001	1,371	4	0.3	1,155	84.2	178	13.0	34	2.5
90002	1,056	8	0.8	891	84.4	128	12.1	29	2.7
90003	1,441	7	0.5	1,176	81.6	220	15.3	38	2.6
90004	1,200	4	0.3	1,039	86.6	137	11.4	20	1.7
90005	812	*	*	709	87.3	87	10.7	16	2.0
90006	1,215	3	0.2	1,040	85.6	139	11.4	33	2.7
90007	624	*	*	519	83.2	93	14.9	12	1.9
90008	464	4	0.9	385	83.0	67	14.4	8	1.7
90010	13	*	*	13	100.0	*	*	*	*
90011	2,661	18	0.7	2,180	81.9	396	14.9	67	2.5
90012	250	*	*	216	86.4	27	10.8	7	2.8
90013	40	*	*	34	85.0	6	15.0	*	*
90014	24	*	*	21	87.5	3	12.5	*	*
90015	310	*	*	258	83.2	40	12.9	12	3.9
90016	733	*	*	623	85.0	89	12.1	21	2.9
90017	431	6	1.4	355	82.4	61	14.2	9	2.1
90018	827	3	0.4	696	84.2	111	13.4	17	2.1
90019	1,036	*	*	879	84.8	142	13.7	15	1.4
90020	798	*	*	702	88.0	85	10.7	11	1.4
90021	40	*	*	35	87.5	5	12.5	*	*
90022	1,445	8	0.6	1,217	84.2	178	12.3	42	2.9
90023	1,087	*	*	917	84.4	134	12.3	36	3.3
90024	280	*	*	273	97.5	7	2.5	*	*
90025	392	*	*	367	93.6	25	6.4	*	*
90026	1,240	7	0.6	1,051	84.8	153	12.3	29	2.3
90027	542	*	*	481	88.7	46	8.5	15	2.8
90028	395	5	1.3	335	84.8	47	11.9	8	2.0
90029	735	4	0.5	625	85.0	92	12.5	14	1.9
90031	721	3	0.4	634	87.9	75	10.4	9	1.2
90032	858	8	0.9	730	85.1	101	11.8	19	2.2
90033	1,070	3	0.3	894	83.6	148	13.8	25	2.3
90034	827	*	*	760	91.9	63	7.6	4	0.5
90035	373	*	*	350	93.8	23	6.2	*	*
90036	362	*	*	341	94.2	21	5.8	*	*
90037	1,256	14	1.1	1,041	82.9	171	13.6	30	2.4
90038	501	5	1.0	434	86.6	56	11.2	6	1.2
90039	381	*	*	341	89.5	33	8.7	7	1.8
90040	214	*	*	180	84.1	27	12.6	7	3.3
90041	340	*	*	316	92.9	19	5.6	5	1.5
90042	1,196	3	0.3	1,044	87.3	132	11.0	17	1.4
90043	650	5	0.8	537	82.6	94	14.5	14	2.2
90044	1,787	10	0.6	1,495	83.7	242	13.5	40	2.2
90045	483	*	*	457	94.6	26	5.4	*	*
90046	306	*	*	291	95.1	15	4.9	*	*

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
90047	717	7	1.0	615	85.8	81	11.3	14	2.0
90048	195	*	*	185	94.9	10	5.1	*	*
90049	296	*	*	288	97.3	8	2.7	*	*
90056	63	*	*	63	100.0	*	*	*	*
90057	898	5	0.6	762	84.9	103	11.5	28	3.1
90058	83	*	*	71	85.5	12	14.5	*	*
90059	824	5	0.6	708	85.9	95	11.5	16	1.9
90061	569	4	0.7	480	84.4	72	12.7	13	2.3
90062	537	*	*	464	86.4	67	12.5	6	1.1
90063	1,214	4	0.3	961	79.2	200	16.5	49	4.0
90064	325	*	*	303	93.2	19	5.8	3	0.9
90065	850	3	0.4	724	85.2	109	12.8	14	1.6
90066	707	*	*	642	90.8	52	7.4	13	1.8
90067	15	*	*	15	100.0	*	*	*	*
90068	185	*	*	181	97.8	4	2.2	*	*
90069	129	*	*	123	95.3	6	4.7	*	*
90071	3	*	*	3	100.0	*	*	*	*
90073	*	*	*	*	*	*	*	*	*
90077	109	*	*	103	94.5	6	5.5	*	*
90097	*	*	*	*	*	*	*	*	*
90099	*	*	*	*	*	*	*	*	*
90200	*	*	*	*	*	*	*	*	*
90201	2,398	8	0.3	2,026	84.5	303	12.6	61	2.5
90210	223	*	*	219	98.2	4	1.8	*	*
90211	72	*	*	69	95.8	3	4.2	*	*
90212	73	*	*	73	100.0	*	*	*	*
90220	973	4	0.4	825	84.8	123	12.6	21	2.2
90221	1,238	8	0.6	1,057	85.4	136	11.0	37	3.0
90222	624	6	1.0	532	85.3	73	11.7	13	2.1
90230	344	*	*	305	88.7	39	11.3	*	*
90232	188	*	*	174	92.6	14	7.4	*	*
90240	333	*	*	298	89.5	30	9.0	5	1.5
90241	713	*	*	644	90.3	55	7.7	14	2.0
90242	722	*	*	629	87.1	79	10.9	14	1.9
90243	*	*	*	*	*	*	*	*	*
90245	191	*	*	185	96.9	6	3.1	*	*
90246	3	*	*	3	100.0	*	*	*	*
90247	765	3	0.4	663	86.7	81	10.6	18	2.4
90248	130	*	*	118	90.8	12	9.2	*	*
90249	393	*	*	350	89.1	43	10.9	*	*
90250	1,871	7	0.4	1,631	87.2	195	10.4	38	2.0
90254	223	*	*	223	100.0	*	*	*	*
90255	1,694	11	0.6	1,459	86.1	171	10.1	53	3.1
90260	582	4	0.7	508	87.3	57	9.8	13	2.2
90262	1,584	*	*	1,385	87.4	167	10.5	32	2.0

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
90263	*	*	*	*	*	*	*	*	*
90265	135	*	*	135	100.0	*	*	*	*
90266	475	*	*	470	98.9	5	1.1	*	*
90270	645	3	0.5	540	83.7	86	13.3	16	2.5
90272	252	*	*	247	98.0	5	2.0	*	*
90274	212	*	*	208	98.1	4	1.9	*	*
90275	331	*	*	317	95.8	14	4.2	*	*
90277	388	*	*	366	94.3	17	4.4	5	1.3
90278	585	*	*	557	95.2	28	4.8	*	*
90280	2,008	4	0.2	1,771	88.2	196	9.8	37	1.8
90288	*	*	*	*	*	*	*	*	*
90290	59	*	*	54	91.5	5	8.5	*	*
90291	312	*	*	287	92.0	25	8.0	*	*
90292	151	*	*	151	100.0	*	*	*	*
90293	96	*	*	91	94.8	5	5.2	*	*
90300	*	*	*	*	*	*	*	*	*
90301	789	*	*	698	88.5	76	9.6	15	1.9
90302	558	5	0.9	483	86.6	65	11.6	5	0.9
90303	592	3	0.5	512	86.5	64	10.8	13	2.2
90304	653	*	*	559	85.6	78	11.9	16	2.5
90305	146	*	*	129	88.4	17	11.6	*	*
90320	*	*	*	*	*	*	*	*	*
90342	*	*	*	*	*	*	*	*	*
90401	35	*	*	32	91.4	3	8.6	*	*
90402	128	*	*	128	100.0	*	*	*	*
90403	204	*	*	194	95.1	10	4.9	*	*
90404	170	*	*	157	92.4	13	7.6	*	*
90405	231	*	*	220	95.2	11	4.8	*	*
90460	*	*	*	*	*	*	*	*	*
90501	651	3	0.5	580	89.1	56	8.6	12	1.8
90502	277	*	*	254	91.7	18	6.5	5	1.8
90503	449	*	*	421	93.8	28	6.2	*	*
90504	335	*	*	307	91.6	21	6.3	7	2.1
90505	376	*	*	360	95.7	10	2.7	6	1.6
90506	*	*	*	*	*	*	*	*	*
90601	507	*	*	453	89.3	44	8.7	10	2.0
90602	429	*	*	370	86.2	54	12.6	5	1.2
90603	215	*	*	193	89.8	22	10.2	*	*
90604	543	*	*	480	88.4	55	10.1	8	1.5
90605	705	*	*	626	88.8	63	8.9	16	2.3
90606	552	4	0.7	479	86.8	49	8.9	20	3.6
90620	3	*	*	3	100.0	*	*	*	*
90621	*	*	*	*	*	*	*	*	*
90623	*	*	*	*	*	*	*	*	*
90626	*	*	*	*	*	*	*	*	*

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
90630	4	*	*	4	100.0	*	*	*	*
90631	28	*	*	25	89.3	3	10.7	*	*
90638	609	3	0.5	563	92.4	39	6.4	4	0.7
90639	*	*	*	*	*	*	*	*	*
90640	1,069	*	*	934	87.4	113	10.6	22	2.1
90650	1,837	6	0.3	1,584	86.2	207	11.3	40	2.2
90660	1,092	*	*	950	87.0	109	10.0	33	3.0
90670	227	*	*	198	87.2	25	11.0	4	1.8
90701	252	*	*	213	84.5	29	11.5	10	4.0
90703	469	*	*	424	90.4	36	7.7	9	1.9
90704	42	*	*	42	100.0	*	*	*	*
90706	1,291	10	0.8	1,109	85.9	142	11.0	30	2.3
90710	445	3	0.7	391	87.9	39	8.8	12	2.7
90712	411	*	*	380	92.5	25	6.1	6	1.5
90713	311	4	1.3	291	93.6	12	3.9	4	1.3
90715	327	*	*	293	89.6	28	8.6	6	1.8
90716	313	3	1.0	255	81.5	46	14.7	9	2.9
90717	335	*	*	304	90.7	27	8.1	4	1.2
90723	1,204	5	0.4	1,056	87.7	125	10.4	18	1.5
90731	1,031	18	1.7	824	79.9	159	15.4	30	2.9
90732	262	*	*	248	94.7	14	5.3	*	*
90741	*	*	*	*	*	*	*	*	*
90744	1,221	19	1.6	977	80.0	182	14.9	43	3.5
90745	914	7	0.8	768	84.0	123	13.5	16	1.8
90746	277	5	1.8	239	86.3	25	9.0	8	2.9
90747	*	*	*	*	*	*	*	*	*
90760	*	*	*	*	*	*	*	*	*
90802	678	7	1.0	561	82.7	94	13.9	16	2.4
90803	307	*	*	291	94.8	13	4.2	3	1.0
90804	813	5	0.6	672	82.7	106	13.0	30	3.7
90805	1,782	13	0.7	1,506	84.5	219	12.3	44	2.5
90806	1,018	7	0.7	832	81.7	146	14.3	33	3.2
90807	422	*	*	379	89.8	39	9.2	4	0.9
90808	477	*	*	449	94.1	23	4.8	5	1.0
90810	575	7	1.2	483	84.0	64	11.1	21	3.7
90812	3	*	*	3	100.0	*	*	*	*
90813	1,619	15	0.9	1,277	78.9	245	15.1	82	5.1
90814	243	*	*	223	91.8	17	7.0	3	1.2
90815	419	*	*	394	94.0	21	5.0	4	1.0
90818	*	*	*	*	*	*	*	*	*
90822	*	*	*	*	*	*	*	*	*
91001	471	*	*	414	87.9	47	10.0	10	2.1
91006	338	*	*	329	97.3	9	2.7	*	*
91007	354	*	*	327	92.4	19	5.4	8	2.3
91010	437	3	0.7	396	90.6	34	7.8	4	0.9

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
91011	125	*	*	125	100.0	*	*	*	*
91016	649	3	0.5	598	92.1	38	5.9	10	1.5
91020	75	*	*	67	89.3	8	10.7	*	*
91024	106	*	*	103	97.2	3	2.8	*	*
91030	234	*	*	216	92.3	15	6.4	3	1.3
91040	213	*	*	197	92.5	16	7.5	*	*
91042	359	4	1.1	308	85.8	39	10.9	8	2.2
91101	260	*	*	219	84.2	36	13.8	5	1.9
91103	482	*	*	408	84.6	62	12.9	12	2.5
91104	607	*	*	542	89.3	59	9.7	6	1.0
91105	120	*	*	116	96.7	*	*	4	3.3
91106	360	*	*	335	93.1	20	5.6	5	1.4
91107	414	*	*	383	92.5	24	5.8	7	1.7
91108	104	*	*	100	96.2	4	3.8	*	*
91123	*	*	*	*	*	*	*	*	*
91170	*	*	*	*	*	*	*	*	*
91200	*	*	*	*	*	*	*	*	*
91201	293	*	*	263	89.8	30	10.2	*	*
91202	231	*	*	224	97.0	7	3.0	*	*
91203	185	*	*	165	89.2	17	9.2	3	1.6
91204	265	*	*	224	84.5	33	12.5	8	3.0
91205	532	*	*	466	87.6	59	11.1	7	1.3
91206	350	*	*	328	93.7	18	5.1	4	1.1
91207	115	*	*	109	94.8	6	5.2	*	*
91208	206	*	*	194	94.2	7	3.4	5	2.4
91214	277	*	*	263	94.9	14	5.1	*	*
91234	*	*	*	*	*	*	*	*	*
91270	*	*	*	*	*	*	*	*	*
91301	212	*	*	207	97.6	5	2.4	*	*
91302	231	*	*	226	97.8	5	2.2	*	*
91303	489	4	0.8	434	88.8	39	8.0	12	2.5
91304	791	5	0.6	726	91.8	52	6.6	8	1.0
91306	672	*	*	616	91.7	53	7.9	3	0.4
91307	250	*	*	241	96.4	9	3.6	*	*
91311	386	*	*	366	94.8	20	5.2	*	*
91316	306	*	*	297	97.1	9	2.9	*	*
91320	*	*	*	*	*	*	*	*	*
91321	525	5	1.0	458	87.2	57	10.9	5	1.0
91323	4	*	*	4	100.0	*	*	*	*
91324	356	*	*	319	89.6	33	9.3	4	1.1
91325	381	*	*	354	92.9	24	6.3	3	0.8
91326	278	*	*	265	95.3	13	4.7	*	*
91330	5	*	*	5	100.0	*	*	*	*
91331	2,071	14	0.7	1,754	84.7	272	13.1	31	1.5
91335	1,070	7	0.7	964	90.1	87	8.1	12	1.1

\* Los Angeles zip codes as of April 2000

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# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
91340	726	3	0.4	611	84.2	94	12.9	18	2.5
91342	1,478	6	0.4	1,256	85.0	185	12.5	31	2.1
91343	1,091	8	0.7	960	88.0	105	9.6	18	1.6
91344	582	*	*	527	90.5	48	8.2	7	1.2
91345	298	*	*	268	89.9	26	8.7	4	1.3
91350	505	*	*	478	94.7	27	5.3	*	*
91351	946	7	0.7	861	91.0	68	7.2	10	1.1
91352	844	10	1.2	676	80.1	133	15.8	25	3.0
91354	325	*	*	319	98.2	6	1.8	*	*
91355	265	*	*	246	92.8	19	7.2	*	*
91356	327	*	*	313	95.7	10	3.1	4	1.2
91360	*	*	*	*	*	*	*	*	*
91361	56	*	*	56	100.0	*	*	*	*
91362	9	*	*	9	100.0	*	*	*	*
91364	285	*	*	275	96.5	10	3.5	*	*
91367	440	*	*	427	97.0	10	2.3	3	0.7
91377	81	*	*	81	100.0	*	*	*	*
91381	225	*	*	225	100.0	*	*	*	*
91384	285	*	*	267	93.7	18	6.3	*	*
91400	*	*	*	*	*	*	*	*	*
91401	633	3	0.5	564	89.1	59	9.3	7	1.1
91402	1,508	6	0.4	1,288	85.4	186	12.3	28	1.9
91403	259	*	*	251	96.9	8	3.1	*	*
91405	1,096	7	0.6	958	87.4	116	10.6	15	1.4
91406	993	*	*	878	88.4	105	10.6	10	1.0
91411	418	*	*	377	90.2	41	9.8	*	*
91423	344	*	*	327	95.1	17	4.9	*	*
91436	144	*	*	144	100.0	*	*	*	*
91485	*	*	*	*	*	*	*	*	*
91501	213	*	*	198	93.0	15	7.0	*	*
91502	148	*	*	137	92.6	11	7.4	*	*
91504	271	*	*	245	90.4	21	7.7	5	1.8
91505	327	*	*	305	93.3	19	5.8	3	0.9
91506	201	*	*	194	96.5	7	3.5	*	*
91600	3	*	*	3	100.0	*	*	*	*
91601	590	4	0.7	526	89.2	56	9.5	4	0.7
91602	170	*	*	166	97.6	4	2.4	*	*
91604	272	*	*	267	98.2	5	1.8	*	*
91605	1,087	6	0.6	940	86.5	120	11.0	21	1.9
91606	781	*	*	696	89.1	74	9.5	11	1.4
91607	367	*	*	323	88.0	40	10.9	4	1.1
91608	*	*	*	*	*	*	*	*	*
91702	1,168	9	0.8	985	84.3	148	12.7	26	2.2
91706	1,649	13	0.8	1,413	85.7	194	11.8	29	1.8
91709	7	*	*	7	100.0	*	*	*	*

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
91710	*	*	*	*	*	*	*	*	*
91711	286	*	*	264	92.3	18	6.3	4	1.4
91719	*	*	*	*	*	*	*	*	*
91722	539	*	*	485	90.0	48	8.9	6	1.1
91723	285	*	*	246	86.3	33	11.6	6	2.1
91724	317	*	*	285	89.9	25	7.9	7	2.2
91730	*	*	*	*	*	*	*	*	*
91731	604	7	1.2	521	86.3	68	11.3	8	1.3
91732	1,478	16	1.1	1,281	86.7	161	10.9	20	1.4
91733	1,065	8	0.8	935	87.8	92	8.6	30	2.8
91740	332	*	*	287	86.4	40	12.0	5	1.5
91741	246	*	*	229	93.1	17	6.9	*	*
91744	1,846	15	0.8	1,550	84.0	253	13.7	28	1.5
91745	645	6	0.9	572	88.7	58	9.0	9	1.4
91746	604	5	0.8	516	85.4	71	11.8	12	2.0
91748	635	*	*	553	87.1	70	11.0	12	1.9
91750	368	*	*	330	89.7	33	9.0	5	1.4
91752	*	*	*	*	*	*	*	*	*
91754	419	*	*	390	93.1	22	5.3	7	1.7
91755	328	*	*	304	92.7	21	6.4	3	0.9
91759	*	*	*	*	*	*	*	*	*
91761	3	*	*	3	100.0	*	*	*	*
91763	7	*	*	7	100.0	*	*	*	*
91764	*	*	*	*	*	*	*	*	*
91765	562	*	*	522	92.9	35	6.2	5	0.9
91766	1,521	7	0.5	1,238	81.4	240	15.8	36	2.4
91767	967	6	0.6	798	82.5	140	14.5	23	2.4
91768	636	*	*	529	83.2	94	14.8	13	2.0
91770	992	5	0.5	892	89.9	82	8.3	13	1.3
91773	401	4	1.0	354	88.3	37	9.2	6	1.5
91775	317	*	*	299	94.3	13	4.1	5	1.6
91776	660	*	*	589	89.2	60	9.1	11	1.7
91777	*	*	*	*	*	*	*	*	*
91780	389	*	*	368	94.6	17	4.4	4	1.0
91786	4	*	*	4	100.0	*	*	*	*
91789	427	*	*	392	91.8	27	6.3	8	1.9
91790	776	3	0.4	687	88.5	75	9.7	11	1.4
91791	455	3	0.7	415	91.2	31	6.8	6	1.3
91792	475	*	*	425	89.5	44	9.3	6	1.3
91794	*	*	*	*	*	*	*	*	*
91800	*	*	*	*	*	*	*	*	*
91801	854	*	*	790	92.5	50	5.9	14	1.6
91803	448	*	*	406	90.6	38	8.5	4	0.9
91805	*	*	*	*	*	*	*	*	*
91810	*	*	*	*	*	*	*	*	*

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
92316	*	*	*	*	*	*	*	*	*
92322	*	*	*	*	*	*	*	*	*
92324	*	*	*	*	*	*	*	*	*
92329	*	*	*	*	*	*	*	*	*
92335	*	*	*	*	*	*	*	*	*
92336	*	*	*	*	*	*	*	*	*
92345	*	*	*	*	*	*	*	*	*
92354	*	*	*	*	*	*	*	*	*
92376	*	*	*	*	*	*	*	*	*
92377	*	*	*	*	*	*	*	*	*
92397	*	*	*	*	*	*	*	*	*
92404	*	*	*	*	*	*	*	*	*
92407	*	*	*	*	*	*	*	*	*
92508	*	*	*	*	*	*	*	*	*
92557	*	*	*	*	*	*	*	*	*
92562	*	*	*	*	*	*	*	*	*
92570	*	*	*	*	*	*	*	*	*
92571	*	*	*	*	*	*	*	*	*
92614	*	*	*	*	*	*	*	*	*
92648	*	*	*	*	*	*	*	*	*
92688	*	*	*	*	*	*	*	*	*
92707	*	*	*	*	*	*	*	*	*
92802	*	*	*	*	*	*	*	*	*
92804	*	*	*	*	*	*	*	*	*
92808	*	*	*	*	*	*	*	*	*
92821	*	*	*	*	*	*	*	*	*
92840	*	*	*	*	*	*	*	*	*
92841	3	*	*	3	100.0	*	*	*	*
92880	*	*	*	*	*	*	*	*	*
92881	*	*	*	*	*	*	*	*	*
92882	*	*	*	*	*	*	*	*	*
93010	*	*	*	*	*	*	*	*	*
93021	*	*	*	*	*	*	*	*	*
93065	*	*	*	*	*	*	*	*	*
93225	*	*	*	*	*	*	*	*	*
93243	*	*	*	*	*	*	*	*	*
93505	*	*	*	*	*	*	*	*	*
93510	51	*	*	46	90.2	5	9.8	*	*
93532	33	*	*	33	100.0	*	*	*	*
93534	667	5	0.7	547	82.0	108	16.2	7	1.0
93535	939	6	0.6	765	81.5	149	15.9	19	2.0
93536	590	*	*	523	88.6	63	10.7	4	0.7
93543	154	*	*	130	84.4	21	13.6	3	1.9
93544	7	*	*	4	57.1	3	42.9	*	*
93550	1,371	14	1.0	1,100	80.2	226	16.5	31	2.3

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

# Entry Into Prenatal Care By Zip Code\*

## Los Angeles County, 2000

Zip Code	Total Births	Number No Prenatal Care	Percent No Prenatal Care	1st Trimester Prenatal Care	% 1st Trimester Prenatal Care	2nd Trimester Prenatal Care	% 2nd Trimester Prenatal Care	3rd Trimester Prenatal Care	% 3rd Trimester Prenatal Care
93551	369	3	0.8	332	90.0	26	7.0	8	2.2
93552	369	*	*	320	86.7	41	11.1	8	2.2
93553	20	*	*	16	80.0	4	20.0	*	*
93591	95	*	*	81	85.3	14	14.7	*	*
95051	*	*	*	*	*	*	*	*	*

\* Los Angeles zip codes as of April 2000

\*\* Fewer than 3 observations

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Percent of births with adequacy prenatal care utilization (APNCU)**

**DEFINITION:** The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index developed (APNCU) by Milton Kottlechuck  
This index does not assess the quality of the prenatal care that is delivered.

**NUMERATOR:** The number of live births to women who received adequate care, as defined by the APNCU criteria, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

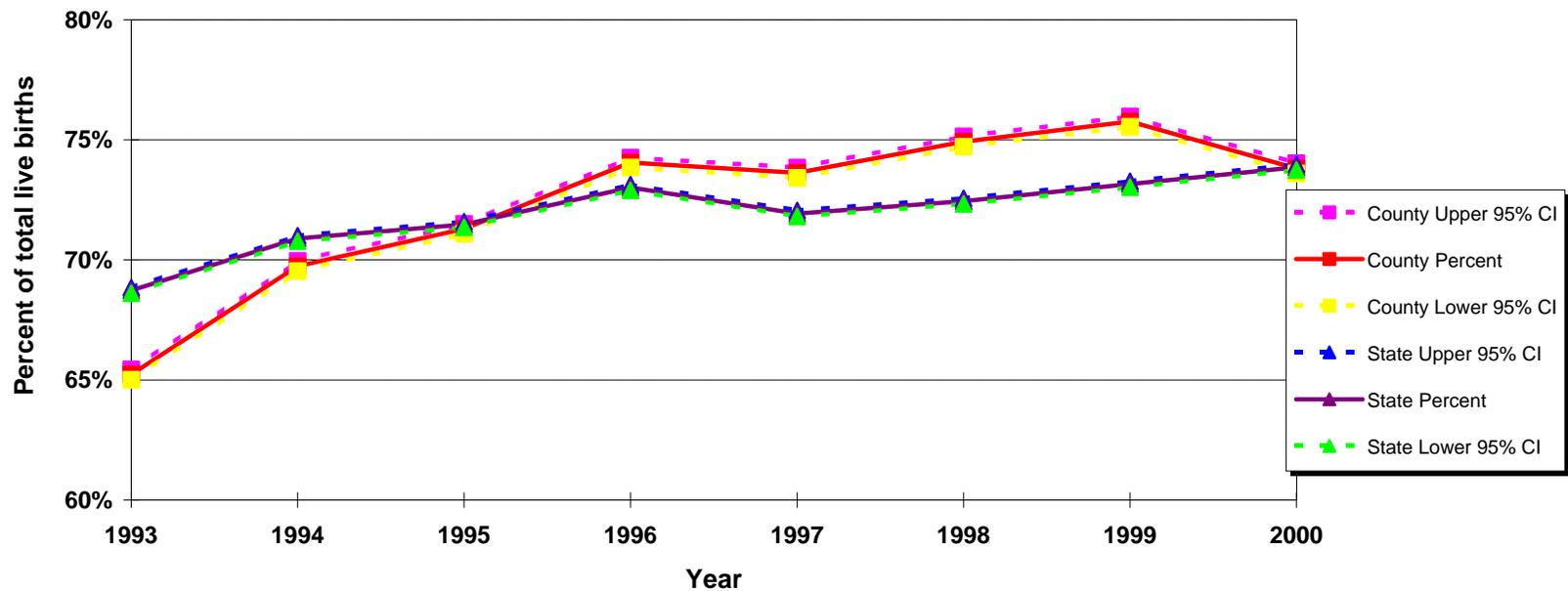
**HEALTHY PEOPLE 2010 OBJECTIVE:** Increase to 90% the proportion of pregnant women who receive early and adequate prenatal care (baseline: 74%, 1997) (Objective 16-6b)

**RISK FACTORS: Inadequate Prenatal Care**  
Low income; young maternal age/teen pregnancy; low maternal education level; race/ethnicity (African American, Hispanic, American Indian/Alaska Native); high parity; maternal substance abuse; lack of health insurance; lack of obstetrical providers

Year	California				LA County				DENOMINATOR: Live Births	
	Adequate Prenatal Care		95% Confidence Interval		Adequate Prenatal Care		95% Confidence Interval			
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper	California	LA County
1993	401,698	68.7%	68.6%	68.8%	123,741	65.2%	65.0%	65.4%	584,483	189,706
1994	401,965	70.9%	70.8%	71.0%	125,820	69.7%	69.5%	70.0%	567,034	180,394
1995	393,989	71.5%	71.4%	71.6%	124,668	71.3%	71.1%	71.5%	551,226	174,862
1996	393,280	73.0%	72.9%	73.1%	125,129	74.1%	73.8%	74.3%	538,628	168,973
1997	377,072	71.9%	71.8%	72.1%	119,305	73.6%	73.4%	73.8%	524,174	162,036
1998	377,649	72.4%	72.3%	72.6%	118,837	74.9%	74.7%	75.1%	521,265	158,604
1999	379,000	73.2%	73.0%	73.3%	118,302	75.8%	75.5%	76.0%	518,073	156,153
2000	392,432	73.9%	73.7%	74.0%	116,175	73.8%	73.6%	74.0%	531,285	157,391

**Notes:** The APNCU Index attempts to characterize prenatal care utilization on two independent and distinctive dimensions: Adequacy of Initiation of Prenatal Care and Adequacy of Received Services (once prenatal care has begun). The initial dimension, Adequacy of Initiation of Prenatal Care, characterizes the adequacy of the timing of initiation of care (month prenatal care began). The second dimension, Adequacy of Received Services, characterizes the adequacy of prenatal care visits (number of visits) received during the time the mother is actually in prenatal care (from initiation until the delivery). The adequacy of prenatal visits is based on the recommendations established by the American College of Obstetricians and Gynecologists.

**Percent of Total Live Births with "Adequate" Prenatal Care as  
Rated by Kotelchuck Index (APNCU)  
California vs. Los Angeles County, 1993 through 2000**



**Notes:** The APNCU Index attempts to characterize prenatal care utilization on two independent and distinctive dimensions: Adequacy of Initiation of Prenatal Care and Adequacy of Received Services (once prenatal care has begun). The initial dimension, Adequacy of Initiation of Prenatal Care, characterizes the adequacy of the timing of initiation of care (month prenatal care began). The second dimension, Adequacy of Received Services, characterizes the adequacy of prenatal care visits (number of visits) received during the time the mother is actually in prenatal care (from initiation until the delivery). The adequacy of prenatal visits is based on the recommendations established by the American College of Obstetricians and Gynecologists.

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
00000	177	38	21.5	110	62.1	29	16.4
07740	*	*	*	*	*	*	*
90000	*	*	*	*	*	*	*
90001	1,446	308	21.3	874	60.4	264	18.3
90002	1,103	258	23.4	680	61.7	165	15.0
90003	1,494	361	24.2	913	61.1	220	14.7
90004	1,202	209	17.4	939	78.1	54	4.5
90005	826	158	19.1	609	73.7	59	7.1
90006	1,240	260	21.0	854	68.9	126	10.2
90007	636	151	23.7	408	64.2	77	12.1
90008	477	102	21.4	297	62.3	78	16.4
90010	17	4	23.5	10	58.8	3	17.6
90011	2,732	747	27.3	1,570	57.5	415	15.2
90012	256	67	26.2	173	67.6	16	6.3
90013	43	18	41.9	22	51.2	3	7.0
90014	25	4	16.0	18	72.0	3	12.0
90015	315	90	28.6	192	61.0	33	10.5
90016	747	172	23.0	496	66.4	79	10.6
90017	435	109	25.1	288	66.2	38	8.7
90018	845	217	25.7	546	64.6	82	9.7
90019	1,054	189	17.9	772	73.2	93	8.8
90020	806	135	16.7	632	78.4	39	4.8
90021	44	11	25.0	28	63.6	5	11.4
90022	1,463	342	23.4	1,054	72.0	67	4.6
90023	1,098	281	25.6	768	69.9	49	4.5
90024	286	28	9.8	237	82.9	21	7.3
90025	399	35	8.8	337	84.5	27	6.8
90026	1,243	274	22.0	904	72.7	65	5.2
90027	545	79	14.5	437	80.2	29	5.3
90028	397	52	13.1	318	80.1	27	6.8
90029	735	116	15.8	585	79.6	34	4.6
90031	729	137	18.8	537	73.7	55	7.5
90032	869	176	20.3	629	72.4	64	7.4
90033	1,078	235	21.8	791	73.4	52	4.8

Definition: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index developed (APNCU) by Milton Kotelchuck. This index does not assess the quality of the prenatal care that is delivered.

<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
90034	849	106	12.5	670	78.9	73	8.6
90035	380	50	13.2	303	79.7	27	7.1
90036	368	46	12.5	289	78.5	33	9.0
90037	1,288	336	26.1	738	57.3	214	16.6
90038	507	69	13.6	408	80.5	30	5.9
90039	383	61	15.9	296	77.3	26	6.8
90040	216	41	19.0	164	75.9	11	5.1
90041	346	46	13.3	271	78.3	29	8.4
90042	1,214	212	17.5	916	75.5	86	7.1
90043	668	141	21.1	434	65.0	93	13.9
90044	1,855	398	21.5	1,174	63.3	283	15.3
90045	500	48	9.6	415	83.0	37	7.4
90046	309	30	9.7	243	78.6	36	11.7
90047	735	148	20.1	492	66.9	95	12.9
90048	198	17	8.6	165	83.3	16	8.1
90049	303	20	6.6	260	85.8	23	7.6
90056	67	8	11.9	51	76.1	8	11.9
90057	928	193	20.8	639	68.9	96	10.3
90058	89	25	28.1	46	51.7	18	20.2
90059	851	171	20.1	581	68.3	99	11.6
90061	582	117	20.1	401	68.9	64	11.0
90062	550	119	21.6	368	66.9	63	11.5
90063	1,229	317	25.8	843	68.6	69	5.6
90064	330	41	12.4	258	78.2	31	9.4
90065	853	174	20.4	638	74.8	41	4.8
90066	733	95	13.0	580	79.1	58	7.9
90067	16	*	*	13	81.3	3	18.8
90068	188	11	5.9	165	87.8	12	6.4
90069	129	15	11.6	106	82.2	8	6.2
90071	*	*	*	*	*	*	*
90073	*	*	*	*	*	*	*
90077	113	10	8.8	89	78.8	14	12.4
90097	*	*	*	*	*	*	*
90099	*	*	*	*	*	*	*
90200	*	*	*	*	*	*	*
90201	2,512	555	22.1	1,609	64.1	348	13.9
90210	229	15	6.6	184	80.3	30	13.1
90211	74	13	17.6	52	70.3	9	12.2
90212	75	9	12.0	61	81.3	5	6.7

Definition: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index developed (APNCU) by Milton Kotelchuck. This index does not assess the quality of the prenatal care that is delivered.

<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
90220	1,022	221	21.6	649	63.5	152	14.9
90221	1,308	277	21.2	763	58.3	268	20.5
90222	648	132	20.4	414	63.9	102	15.7
90230	356	60	16.9	260	73.0	36	10.1
90232	191	27	14.1	156	81.7	8	4.2
90240	336	65	19.3	252	75.0	19	5.7
90241	729	112	15.4	550	75.4	67	9.2
90242	733	152	20.7	508	69.3	73	10.0
90243	*	*	*	*	*	*	*
90245	192	21	10.9	155	80.7	16	8.3
90246	3	*	*	3	100.0	*	*
90247	778	116	14.9	578	74.3	84	10.8
90248	135	17	12.6	104	77.0	14	10.4
90249	401	42	10.5	324	80.8	35	8.7
90250	1,916	317	16.5	1,379	72.0	220	11.5
90254	224	11	4.9	195	87.1	18	8.0
90255	1,822	362	19.9	1,091	59.9	369	20.3
90260	587	94	16.0	422	71.9	71	12.1
90262	1,655	351	21.2	1,029	62.2	275	16.6
90263	*	*	*	*	*	*	*
90265	143	12	8.4	123	86.0	8	5.6
90266	477	17	3.6	420	88.1	40	8.4
90270	670	134	20.0	444	66.3	92	13.7
90272	263	15	5.7	225	85.6	23	8.7
90274	216	14	6.5	171	79.2	31	14.4
90275	332	25	7.5	266	80.1	41	12.3
90277	389	34	8.7	300	77.1	55	14.1
90278	590	36	6.1	487	82.5	67	11.4
90280	2,114	400	18.9	1,365	64.6	349	16.5
90288	*	*	*	*	*	*	*
90290	61	6	9.8	51	83.6	4	6.6
90291	329	38	11.6	261	79.3	30	9.1
90292	155	14	9.0	133	85.8	8	5.2
90293	98	10	10.2	81	82.7	7	7.1
90300	*	*	*	*	*	*	*
90301	814	154	18.9	561	68.9	99	12.2
90302	573	104	18.2	391	68.2	78	13.6
90303	606	115	19.0	402	66.3	89	14.7
90304	668	125	18.7	450	67.4	93	13.9

Definition: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index developed (APNCU) by Milton Kotelchuck This index does not assess the quality of the prenatal care that is delivered.

<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
90305	149	31	20.8	105	70.5	13	8.7
90320	*	*	*	*	*	*	*
90342	*	*	*	*	*	*	*
90401	33	8	24.2	25	75.8	*	*
90402	136	4	2.9	118	86.8	14	10.3
90403	215	21	9.8	173	80.5	21	9.8
90404	183	20	10.9	143	78.1	20	10.9
90405	241	27	11.2	198	82.2	16	6.6
90460	*	*	*	*	*	*	*
90501	654	94	14.4	485	74.2	75	11.5
90502	278	25	9.0	218	78.4	35	12.6
90503	454	35	7.7	361	79.5	58	12.8
90504	338	33	9.8	263	77.8	42	12.4
90505	379	26	6.9	305	80.5	48	12.7
90506	*	*	*	*	*	*	*
90601	513	87	17.0	388	75.6	38	7.4
90602	440	81	18.4	304	69.1	55	12.5
90603	216	36	16.7	165	76.4	15	6.9
90604	553	98	17.7	408	73.8	47	8.5
90605	718	140	19.5	488	68.0	90	12.5
90606	559	127	22.7	381	68.2	51	9.1
90620	3	*	*	3	100.0	*	*
90621	*	*	*	*	*	*	*
90623	*	*	*	*	*	*	*
90626	*	*	*	*	*	*	*
90630	4	*	*	4	100.0	*	*
90631	28	4	14.3	21	75.0	3	10.7
90638	615	92	15.0	482	78.4	41	6.7
90639	*	*	*	*	*	*	*
90640	1,080	207	19.2	817	75.6	56	5.2
90650	1,873	378	20.2	1,270	67.8	225	12.0
90660	1,106	232	21.0	784	70.9	90	8.1
90670	230	41	17.8	166	72.2	23	10.0
90701	264	59	22.3	177	67.0	28	10.6
90703	476	76	16.0	369	77.5	31	6.5
90704	46	3	6.5	39	84.8	4	8.7
90706	1,315	250	19.0	937	71.3	128	9.7
90710	448	96	21.4	304	67.9	48	10.7
90712	412	66	16.0	331	80.3	15	3.6

Definition: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index developed (APNCU) by Milton Kotelchuck. This index does not assess the quality of the prenatal care that is delivered.

<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
90713	314	48	15.3	245	78.0	21	6.7
90715	328	59	18.0	249	75.9	20	6.1
90716	314	78	24.8	228	72.6	8	2.5
90717	337	47	13.9	241	71.5	49	14.5
90723	1,269	235	18.5	765	60.3	269	21.2
90731	1,034	306	29.6	632	61.1	96	9.3
90732	264	45	17.0	196	74.2	23	8.7
90741	*	*	*	*	*	*	*
90744	1,231	335	27.2	786	63.9	110	8.9
90745	922	166	18.0	655	71.0	101	11.0
90746	277	61	22.0	199	71.8	17	6.1
90747	*	*	*	*	*	*	*
90760	*	*	*	*	*	*	*
90802	689	143	20.8	492	71.4	54	7.8
90803	310	38	12.3	249	80.3	23	7.4
90804	822	154	18.7	593	72.1	75	9.1
90805	1,817	385	21.2	1,237	68.1	195	10.7
90806	1,040	237	22.8	707	68.0	96	9.2
90807	423	69	16.3	329	77.8	25	5.9
90808	480	66	13.8	396	82.5	18	3.8
90810	587	130	22.1	397	67.6	60	10.2
90812	3	*	*	3	100.0	*	*
90813	1,646	442	26.9	1,043	63.4	161	9.8
90814	243	33	13.6	187	77.0	23	9.5
90815	420	34	8.1	361	86.0	25	6.0
90818	*	*	*	*	*	*	*
90822	*	*	*	*	*	*	*
91001	487	86	17.7	344	70.6	57	11.7
91006	344	40	11.6	288	83.7	16	4.7
91007	360	49	13.6	297	82.5	14	3.9
91010	438	70	16.0	337	76.9	31	7.1
91011	131	12	9.2	107	81.7	12	9.2
91016	655	108	16.5	516	78.8	31	4.7
91020	73	6	8.2	67	91.8	*	*
91024	107	11	10.3	91	85.0	5	4.7
91030	243	35	14.4	179	73.7	29	11.9
91040	214	33	15.4	172	80.4	9	4.2
91042	361	70	19.4	264	73.1	27	7.5
91101	268	54	20.1	176	65.7	38	14.2

Definition: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index developed (APNCU) by Milton Kotelchuck. This index does not assess the quality of the prenatal care that is delivered.

<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
91103	504	95	18.8	345	68.5	64	12.7
91104	633	107	16.9	446	70.5	80	12.6
91105	125	11	8.8	104	83.2	10	8.0
91106	370	59	15.9	272	73.5	39	10.5
91107	428	55	12.9	324	75.7	49	11.4
91108	105	10	9.5	86	81.9	9	8.6
91123	*	*	*	*	*	*	*
91170	*	*	*	*	*	*	*
91200	*	*	*	*	*	*	*
91201	296	52	17.6	234	79.1	10	3.4
91202	234	20	8.5	208	88.9	6	2.6
91203	187	31	16.6	151	80.7	5	2.7
91204	266	59	22.2	201	75.6	6	2.3
91205	534	106	19.9	409	76.6	19	3.6
91206	354	51	14.4	292	82.5	11	3.1
91207	116	13	11.2	103	88.8	*	*
91208	209	19	9.1	183	87.6	7	3.3
91214	280	35	12.5	236	84.3	9	3.2
91234	*	*	*	*	*	*	*
91270	*	*	*	*	*	*	*
91301	216	11	5.1	200	92.6	5	2.3
91302	233	14	6.0	214	91.8	5	2.1
91303	492	62	12.6	407	82.7	23	4.7
91304	793	89	11.2	678	85.5	26	3.3
91306	674	72	10.7	579	85.9	23	3.4
91307	252	18	7.1	224	88.9	10	4.0
91311	391	31	7.9	349	89.3	11	2.8
91316	309	21	6.8	275	89.0	13	4.2
91320	*	*	*	*	*	*	*
91321	525	104	19.8	389	74.1	32	6.1
91323	3	*	*	3	100.0	*	*
91324	358	52	14.5	296	82.7	10	2.8
91325	382	42	11.0	323	84.6	17	4.5
91326	280	33	11.8	236	84.3	11	3.9
91330	3	*	*	3	100.0	*	*
91331	2,075	389	18.7	1,595	76.9	91	4.4
91335	1,075	129	12.0	897	83.4	49	4.6
91340	729	162	22.2	543	74.5	24	3.3
91342	1,482	316	21.3	1,094	73.8	72	4.9

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<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
91343	1,093	180	16.5	868	79.4	45	4.1
91344	583	79	13.6	483	82.8	21	3.6
91345	298	48	16.1	245	82.2	5	1.7
91350	510	80	15.7	415	81.4	15	2.9
91351	951	148	15.6	764	80.3	39	4.1
91352	844	210	24.9	613	72.6	21	2.5
91354	327	31	9.5	292	89.3	4	1.2
91355	266	32	12.0	231	86.8	3	1.1
91356	329	23	7.0	296	90.0	10	3.0
91360	*	*	*	*	*	*	*
91361	51	7	13.7	51	100.0	*	*
91362	7	*	*	7	100.0	*	*
91364	289	16	5.5	262	90.7	11	3.8
91367	442	32	7.2	398	90.0	12	2.7
91377	80	*	*	75	93.8	5	6.3
91381	229	21	9.2	205	89.5	3	1.3
91384	286	49	17.1	233	81.5	4	1.4
91400	*	*	*	*	*	*	*
91401	634	101	15.9	507	80.0	26	4.1
91402	1,511	293	19.4	1,157	76.6	61	4.0
91403	266	27	10.2	222	83.5	17	6.4
91405	1,098	192	17.5	865	78.8	41	3.7
91406	995	155	15.6	798	80.2	42	4.2
91411	420	57	13.6	342	81.4	21	5.0
91423	346	30	8.7	304	87.9	12	3.5
91436	146	6	4.1	129	88.4	11	7.5
91485	*	*	*	*	*	*	*
91501	215	32	14.9	176	81.9	7	3.3
91502	149	22	14.8	121	81.2	6	4.0
91504	271	40	14.8	225	83.0	6	2.2
91505	329	35	10.6	285	86.6	9	2.7
91506	200	24	12.0	176	88.0	*	*
91600	*	*	*	*	*	*	*
91601	592	78	13.2	488	82.4	26	4.4
91602	171	16	9.4	148	86.5	7	4.1
91604	274	25	9.1	241	88.0	8	2.9
91605	1,092	193	17.7	856	78.4	43	3.9
91606	785	113	14.4	635	80.9	37	4.7
91607	370	66	17.8	279	75.4	25	6.8

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<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
91608	*	*	*	*	*	*	*
91702	1,170	231		882	75.4	57	4.9
91706	1,656	295	17.8	1,270	76.7	91	5.5
91709	7	*	*	7	100.0	*	*
91710	*	*	*	*	*	*	*
91711	287	33	11.5	245	85.4	9	3.1
91719	*	*	*	*	*	*	*
91722	542	79	14.6	428	79.0	35	6.5
91723	286	37	12.9	228	79.7	21	7.3
91724	321	39	12.1	268	83.5	14	4.4
91730	*	*	*	*	*	*	*
91731	607	119	19.6	452	74.5	36	5.9
91732	1,486	279	18.8	1,139	76.6	68	4.6
91733	1,069	217	20.3	818	76.5	34	3.2
91740	334	56	16.8	268	80.2	10	3.0
91741	248	29	11.7	213	85.9	6	2.4
91744	1,848	360	19.5	1,347	72.9	141	7.6
91745	649	99	15.3	492	75.8	58	8.9
91746	606	103	17.0	468	77.2	35	5.8
91748	643	114	17.7	487	75.7	42	6.5
91750	371	40	10.8	319	86.0	12	3.2
91752	*	*	*	*	*	*	*
91754	425	59	13.9	346	81.4	20	4.7
91755	338	51	15.1	268	79.3	19	5.6
91759	*	*	*	*	*	*	*
91761	3	*	*	3	100.0	*	*
91763	6	*	*	6	100.0	*	*
91764	*	*	*	*	*	*	*
91765	564	79	14.0	461	81.7	24	4.3
91766	1,525	222	14.6	1,264	82.9	39	2.6
91767	971	160	16.5	788	81.2	23	2.4
91768	637	95	14.9	530	83.2	12	1.9
91770	996	161	16.2	799	80.2	36	3.6
91773	401	61	15.2	327	81.5	13	3.2
91775	324	35	10.8	263	81.2	26	8.0
91776	669	104	15.5	539	80.6	26	3.9
91777	*	*	*	*	*	*	*
91780	394	53	13.5	326	82.7	15	3.8
91786	4	*	*	4	100.0	*	*

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<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

## Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
91789	433	57	13.2	351	81.1	25	5.8
91790	777	130	16.7	600	77.2	47	6.0
91791	459	67	14.6	356	77.6	36	7.8
91792	480	72	15.0	380	79.2	28	5.8
91794	*	*	*	*	*	*	*
91800	*	*	*	*	*	*	*
91801	862	131	15.2	671	77.8	60	7.0
91803	450	74	16.4	346	76.9	30	6.7
91805	*	*	*	*	*	*	*
91810	*	*	*	*	*	*	*
92316	*	*	*	*	*	*	*
92322	*	*	*	*	*	*	*
92324	*	*	*	*	*	*	*
92329	*	*	*	*	*	*	*
92335	*	*	*	*	*	*	*
92336	*	*	*	*	*	*	*
92345	*	*	*	*	*	*	*
92354	*	*	*	*	*	*	*
92376	*	*	*	*	*	*	*
92377	*	*	*	*	*	*	*
92397	*	*	*	*	*	*	*
92404	*	*	*	*	*	*	*
92407	*	*	*	*	*	*	*
92508	*	*	*	*	*	*	*
92557	*	*	*	*	*	*	*
92562	*	*	*	*	*	*	*
92570	*	*	*	*	*	*	*
92571	*	*	*	*	*	*	*
92614	*	*	*	*	*	*	*
92648	*	*	*	*	*	*	*
92688	*	*	*	*	*	*	*
92707	*	*	*	*	*	*	*
92802	*	*	*	*	*	*	*
92804	*	*	*	*	*	*	*
92808	*	*	*	*	*	*	*
92821	*	*	*	*	*	*	*
92840	*	*	*	*	*	*	*
92841	3	*	*	3	100.0	*	*
92880	*	*	*	*	*	*	*

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<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

## Adequacy of Prenatal Care Utilization (APNCU) Index by Zip Code<sup>^</sup>

Los Angeles County, 2000

Zip Code	Total Births	Number Inadequate APNCU Index	Percent Inadequate APNCU Index	Number Adequate APNCU Index	Percent Adequate APNCU Index	Number Unknown APNCU Index	Percent Unknown APNCU Index
92881	*	*	*	*	*	*	*
92882	*	*	*	*	*	*	*
93010	*	*	*	*	*	*	*
93021	*	*	*	*	*	*	*
93065	*	*	*	*	*	*	*
93225	*	*	*	*	*	*	*
93243	*	*	*	*	*	*	*
93505	*	*	*	*	*	*	*
93510	51	10	19.6	41	80.4	*	*
93532	32	*	*	32	100.0	*	*
93534	668	133	19.9	501	75.0	34	5.1
93535	939	176	18.7	726	77.3	37	3.9
93536	591	68	11.5	506	85.6	17	2.9
93543	155	26	16.8	123	79.4	6	3.9
93544	4	4	100.0	*	*	*	*
93550	1,371	279	20.4	1,041	75.9	51	3.7
93551	370	46	12.4	317	85.7	7	1.9
93552	372	67	18.0	292	78.5	13	3.5
93553	20	3	15.0	17	85.0	*	*
93591	95	13	13.7	77	81.1	5	5.3
95051	*	*	*	*	*	*	*

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<sup>^</sup> Los Angeles zip codes as of April 2000.

\*= fewer than 3 observations

# **INFANT MORTALITY**

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Infant mortality

**DEFINITION:** The number of infant deaths occurring at less than 365 days of age per 1,000 live births

**NUMERATOR:** The number of infant deaths occurring at less than 365 days of age, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce the infant mortality rate to no more than 4.5 per 1,000 live births. (Baseline: 7.2 per 1,000 live births in 1998) (Objective 16-1c)  
No more than 4.5 infant deaths per 1,000 live births

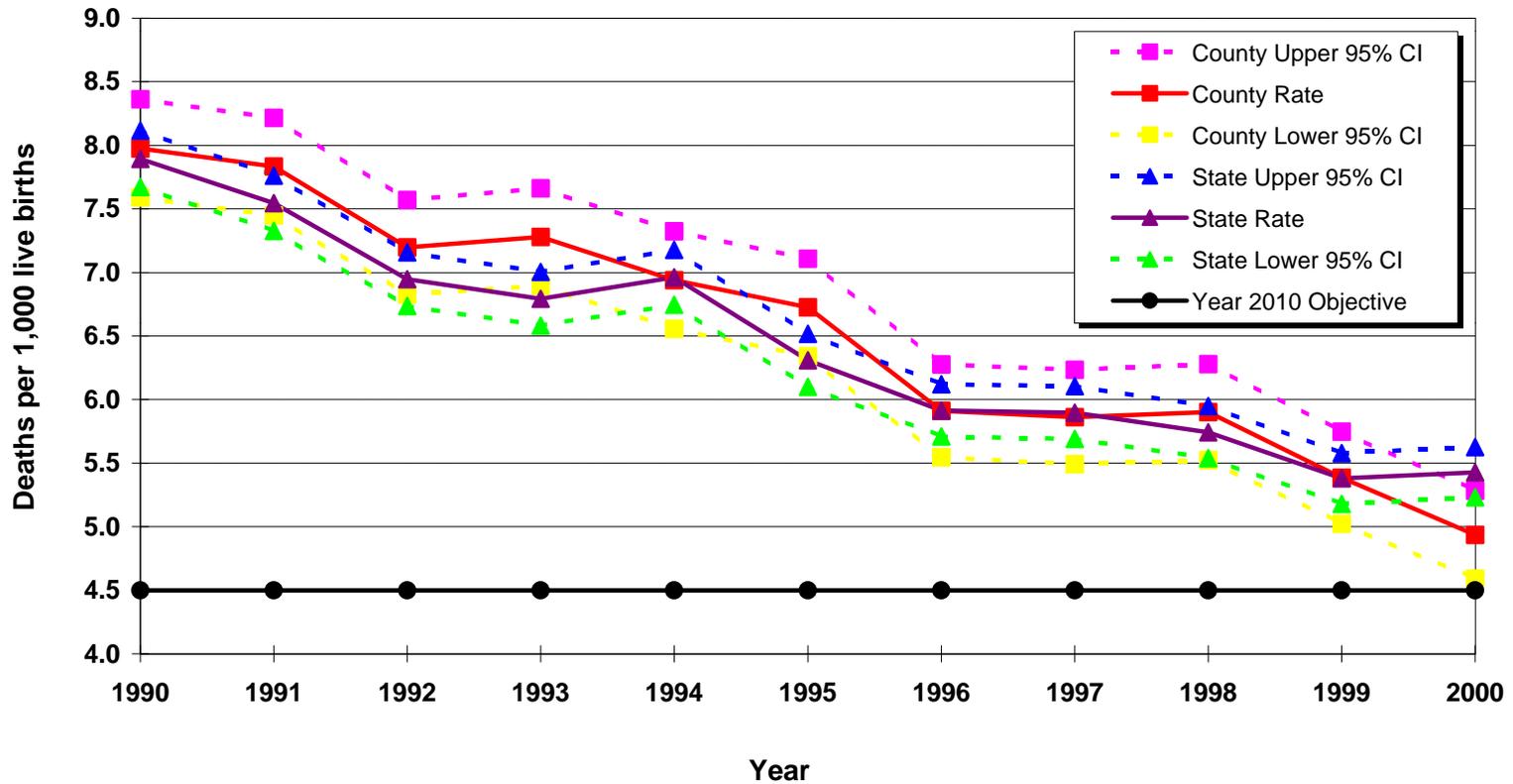
**RISK FACTORS:** Race/ethnicity; prematurity/disorders related to short gestation; low birth weight; congenital anomalies; young maternal age; low maternal education level; maternal tobacco use; maternal alcohol or substance use/abuse; poor maternal nutrition; inadequate prenatal care; unintended pregnancy; maternal psychosocial problems; maternal medical complications/ chronic illness during pregnancy (including diabetes); pregnancy complications; short interpregnancy interval; injury (including domestic violence); infection; respiratory distress syndrome; family history of SIDS

Year	California				LA County			
	Infant Mortality		95% Confidence Interval		Infant Mortality		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	4,828	7.9	7.7	8.1	1,628	8.0	7.6	8.4
1991	4,596	7.5	7.3	7.8	1,588	7.8	7.4	8.2
1992	4,174	6.9	6.7	7.2	1,421	7.2	6.8	7.6
1993	3,970	6.8	6.6	7.0	1,381	7.3	6.9	7.7
1994	3,948	7.0	6.7	7.2	1,252	6.9	6.6	7.3
1995	3,478	6.3	6.1	6.5	1,176	6.7	6.3	7.1
1996	3,186	5.9	5.7	6.1	999	5.9	5.5	6.3
1997	3,091	5.9	5.7	6.1	950	5.9	5.5	6.2
1998	2,994	5.7	5.5	5.9	936	5.9	5.5	6.3
1999	2,787	5.4	5.2	5.6	841	5.4	5.0	5.7
2000	2,884	5.4	5.2	5.6	777	4.9	4.6	5.3

DENOMINATOR: Live Births	
California	LA County
611,666	204,124
609,228	202,737
600,838	197,415
584,483	189,706
567,034	180,394
551,226	174,862
538,628	168,973
524,174	162,036
521,265	158,604
518,073	156,153
531,285	157,391

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

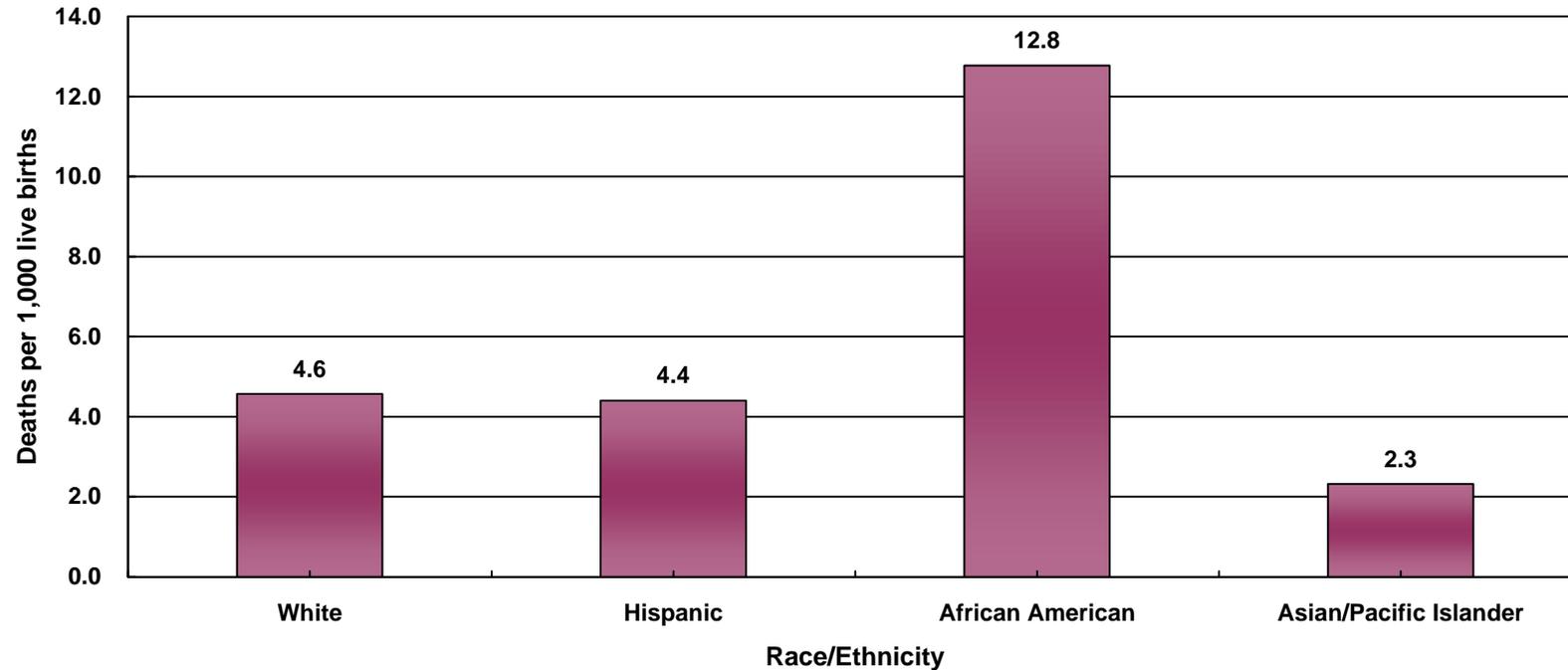
## Infant Deaths per 1,000 Live Births California vs. Los Angeles County, 1990 - 2000



**Year 2010 Objective:** Reduce the infant mortality rate to no more than 4.5 per 1,000 live births.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

## Infant Mortality Rate by Race/Ethnicity\* Los Angeles County, 2000



Race/Ethnicity	Los Angeles County, 2000			
	Infant Mortality		95% Confidence Interval	
	Number	Rate	Lower	Upper
White	133	4.6	3.8	5.3
Hispanic	430	4.4	4.0	4.8
African American	172	12.8	10.9	14.7
Asian/Pacific Islander	38	2.3	1.6	3.1
Native American	0	N/C**	N/C**	N/C**
Other/Unknown	4	8.7	0.2	17.1
<b>Total</b>	<b>777</b>	<b>4.9</b>	<b>4.6</b>	<b>5.3</b>

Total Live Births
29,094
97,719
13,468
16,401
248
461
<b>157,391</b>

\* White, African American, Native American and other races exclude Hispanic ethnicity  
Hispanic includes any race category

\*\* Rates are not calculated if fewer than five deaths.

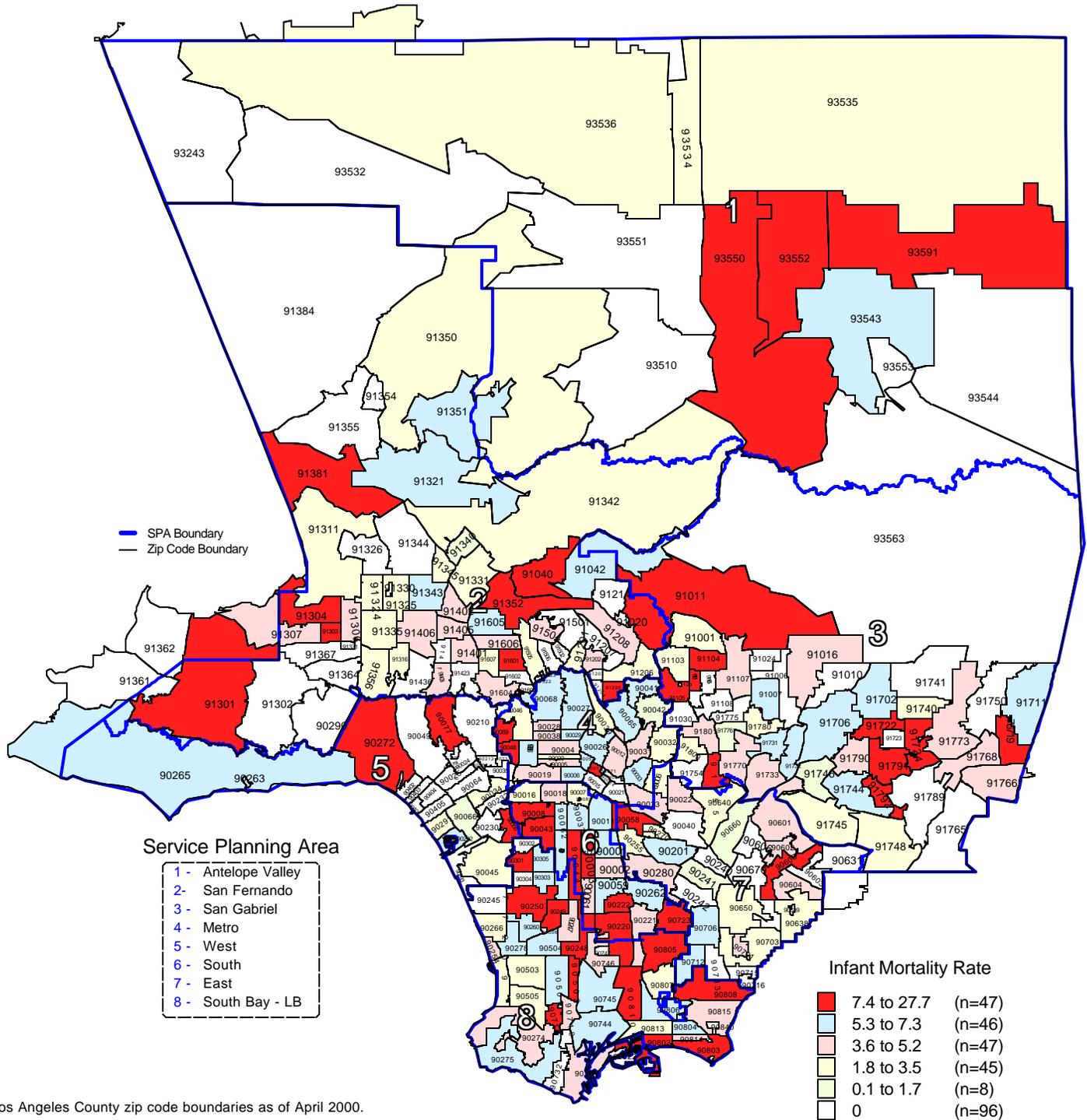
**Year 2010 Objective:** Reduce the infant mortality rate to no more than 4.5 per 1,000 live births.

**Note:** Infant mortality rate is defined as deaths occurring less than 365 days per 1,000 live births

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

# Infant Mortality Rate by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Total Number of Infant deaths in Los Angeles County, 2000= 777

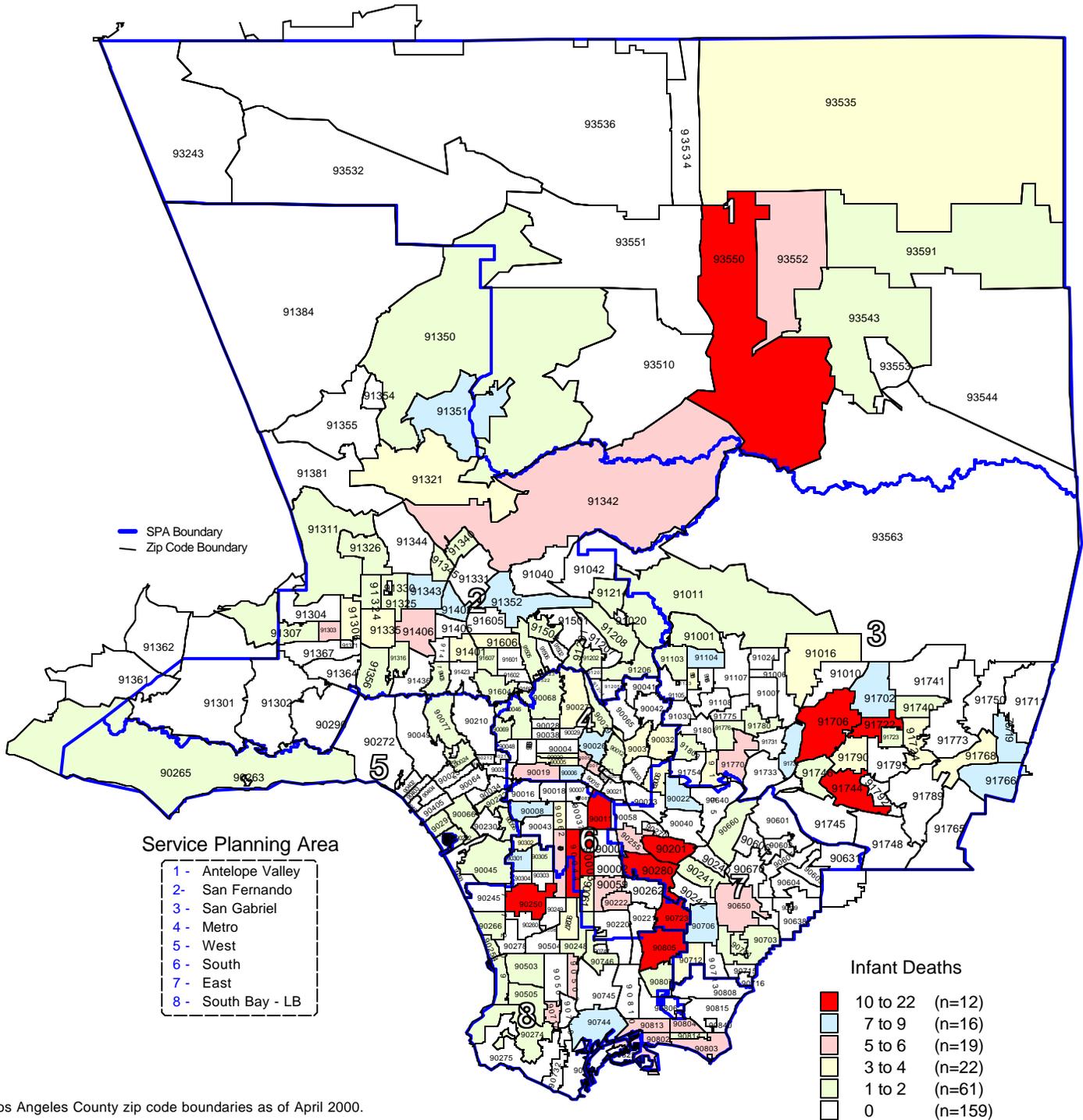
Note: Infant mortality rate is defined as death occurring in less than 365 days of age per 1,000 live births

Source: California Department of Health Services  
Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# Number of Infant Deaths by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Total Number of Infant deaths in Los Angeles County, 2000= 777

Note: Infant death is defined as death occurring at less than 365 days of age

Source: California Department of Health Services

Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Neonatal mortality

**DEFINITION:** The number of infant deaths per 1,000 live births occurring at less than 28 days of age

**NUMERATOR:** The number of infant deaths occurring at less than 28 days of age, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce the neonatal mortality rate to no more than 2.9 per 1,000 live births.  
(Baseline: 4.8 in 1998) (Objective 16.1d)

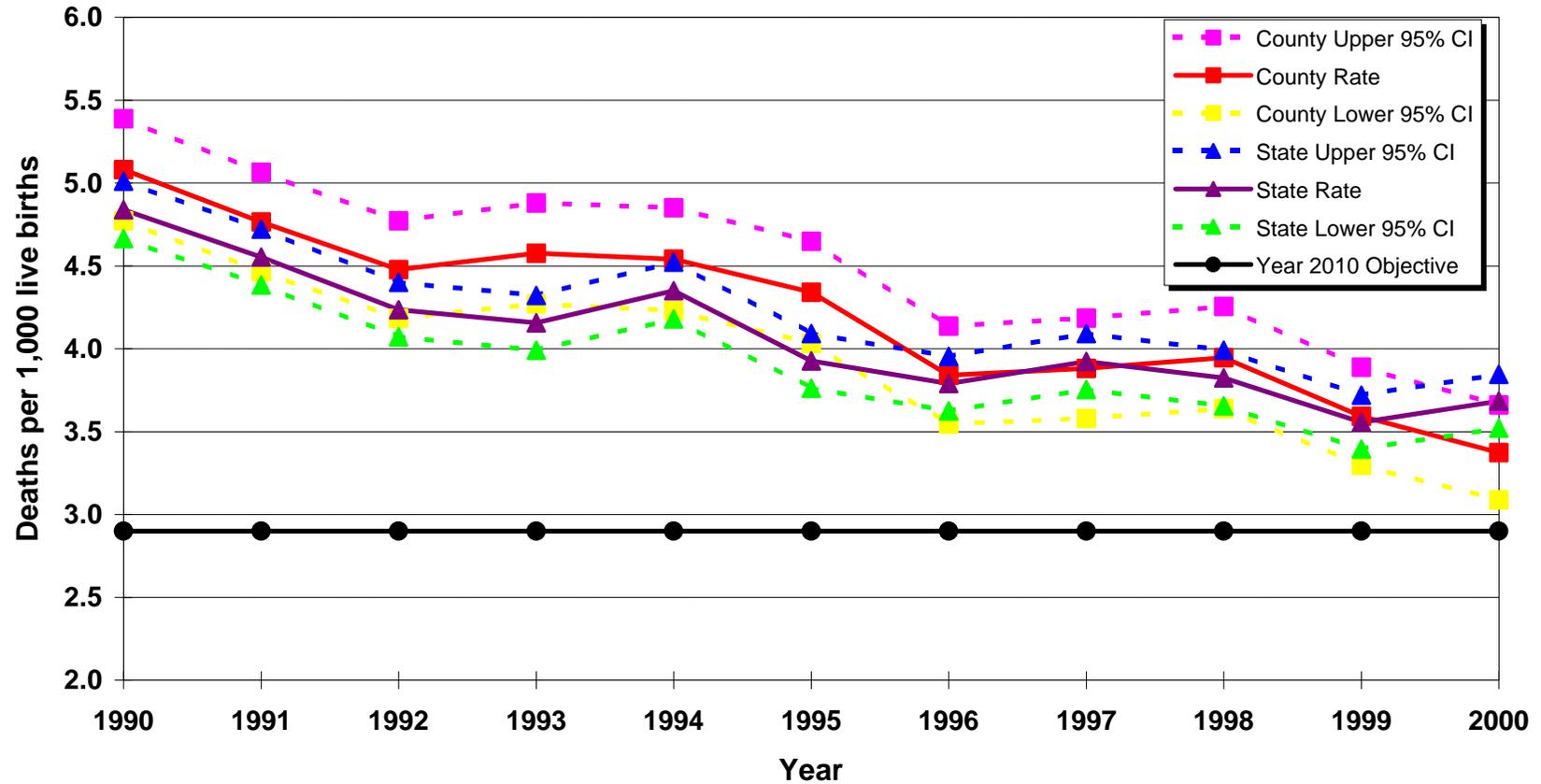
**RISK FACTORS:** Congenital anomalies; respiratory distress syndrome; short gestation; low birthweight; maternal complications; race/ethnicity (African American, Puerto Rican)

See also risk factors for infant mortality.

Year	California				LA County				DENOMINATOR: Live Births	
	Neonatal Mortality		95% Confidence Interval		Neonatal Mortality		95% Confidence Interval		California	LA County
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper		
1990	2,959	4.8	4.7	5.0	1,037	5.1	4.8	5.4	611,666	204,124
1991	2,774	4.6	4.4	4.7	966	4.8	4.5	5.1	609,228	202,737
1992	2,545	4.2	4.1	4.4	884	4.5	4.2	4.8	600,838	197,415
1993	2,429	4.2	4.0	4.3	868	4.6	4.3	4.9	584,483	189,706
1994	2,467	4.4	4.2	4.5	819	4.5	4.2	4.9	567,034	180,394
1995	2,164	3.9	3.8	4.1	759	4.3	4.0	4.6	551,226	174,862
1996	2,041	3.8	3.6	4.0	649	3.8	3.5	4.1	538,628	168,973
1997	2,056	3.9	3.8	4.1	629	3.9	3.6	4.2	524,174	162,036
1998	1,993	3.8	3.7	4.0	626	3.9	3.6	4.3	521,265	158,604
1999	1,843	3.6	3.4	3.7	561	3.6	3.3	3.9	518,073	156,153
2000	1,957	3.7	3.5	3.8	531	3.4	3.1	3.7	531,285	157,391

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

## Neonatal Deaths per 1,000 Live Births California vs. Los Angeles County, 1990-2000

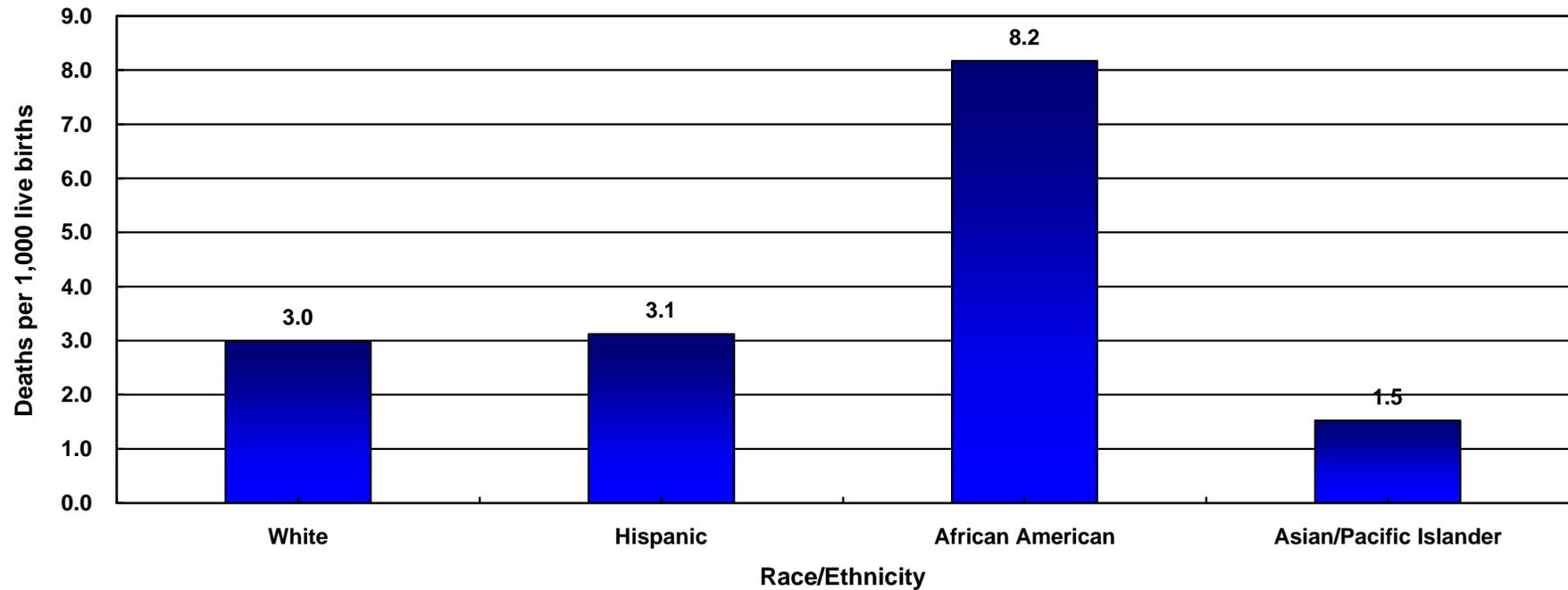


**Year 2010 Objective:** Reduce the neonatal mortality rate to no more than 3.9 per 1,000 live births.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

## Neonatal Mortality Rate by Race/Ethnicity\*

### Los Angeles County, 2000



Los Angeles County, 2000				
Race/Ethnicity	Neonatal Mortality		95 % Confidence Interval	
	Number	Rate	Lower	Upper
White	87	3.0	2.4	3.6
Hispanic	305	3.1	2.8	3.5
African American	110	8.2	6.6	9.7
Asian/Pacific Islander	25	1.5	0.9	2.1
Native American	0	N/C**	N/C**	N/C**
Other/Unknown	4	8.7	0.2	17.1
<b>Total</b>	<b>531</b>	<b>3.4</b>	<b>3.1</b>	<b>3.7</b>

Total Live Births
29,094
97,719
13,468
16,401
248
461
<b>157,391</b>

\* White, African American, Asian, Native American and other races exclude Hispanic ethnicity.  
 Hispanic includes any race category  
 Filipino is included in Asian  
 \*\* Rates are not calculated if fewer than five deaths.

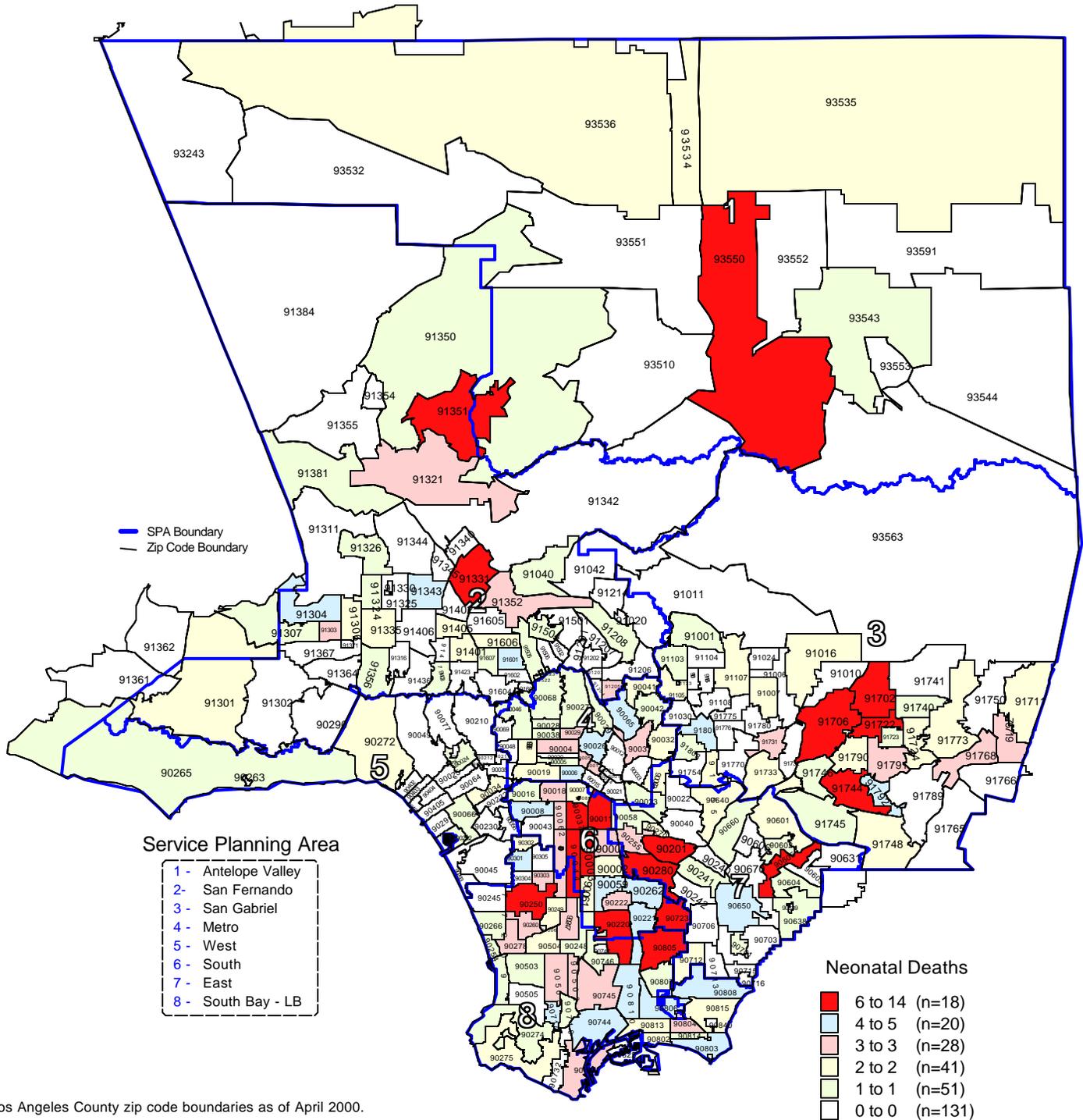
**Year 2010 Objective:** Reduce the neonatal mortality rate to no more than 2.9 per 1,000 live births.

**Note:** Neonatal mortality rate is defined as deaths less than 28 days per 1,000 live births

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Los Angeles County - Department of Health Services  
**Number of Neonatal Deaths**  
**by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Total Number of neonatal deaths in Los Angeles County, 2000 = 531

Note: Neonatal deaths are defined as deaths occurring less than 28 days

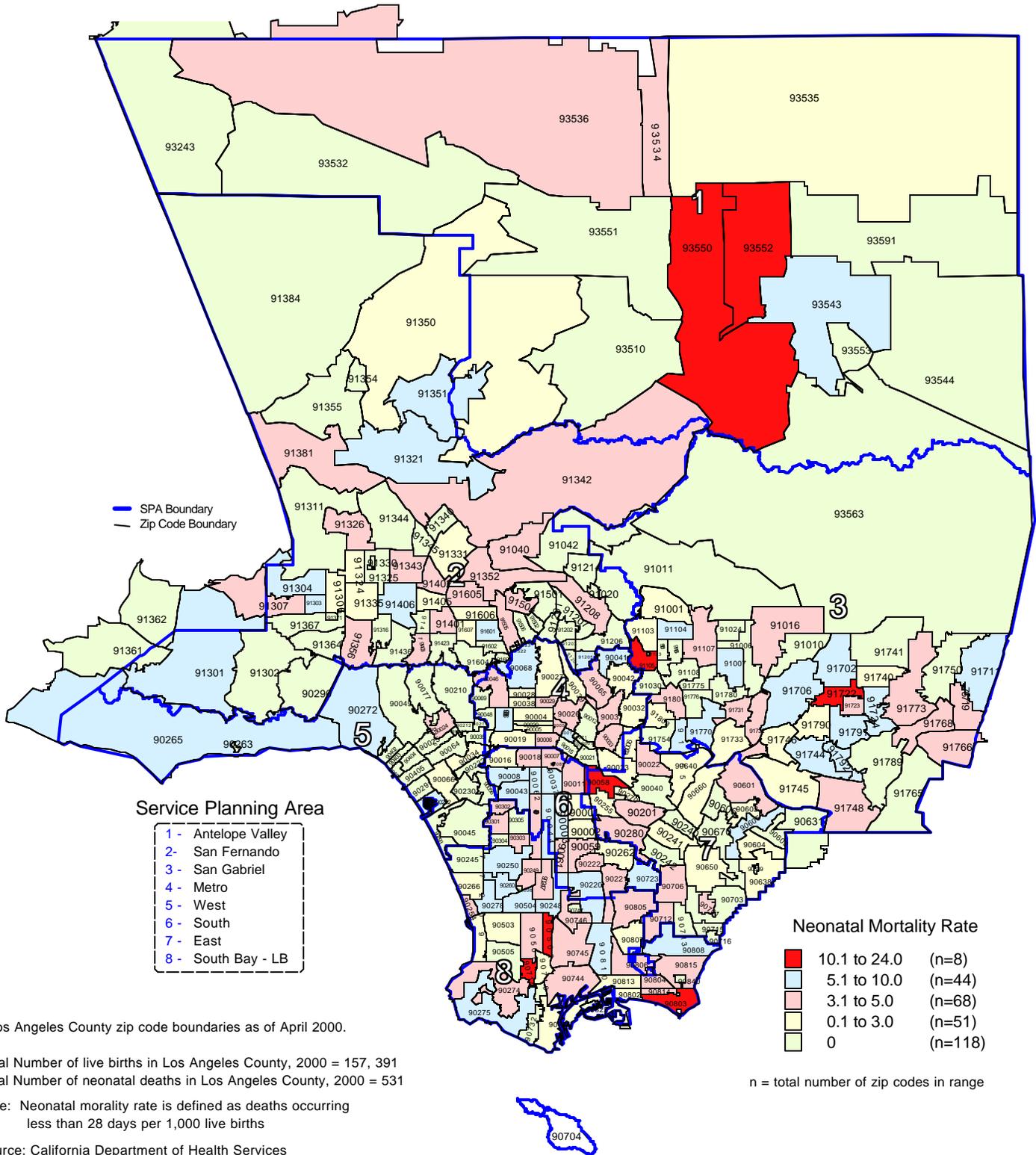
Source: California Department of Health Services

Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# Neonatal Mortality Rate by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391  
 Total Number of neonatal deaths in Los Angeles County, 2000 = 531

Note: Neonatal mortality rate is defined as deaths occurring less than 28 days per 1,000 live births

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Post-neonatal mortality

**DEFINITION:** The number of infant deaths per 1,000 live births occurring between 28 and 364 days of age

**NUMERATOR:** The number of infant deaths occurring at age 28 to 364 days of age, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce the post-neonatal mortality rate to no more than 1.2 per 1,000 live births. (Baseline: 2.4 in 1998) (Objective 16.1e)

**RISK FACTORS:** Congenital anomalies; injuries; infection in late pregnancy; family history of SIDS; maternal smoking or drug use; young maternal age (teen births); race/ethnicity (African American, American Indian, Puerto Rican)

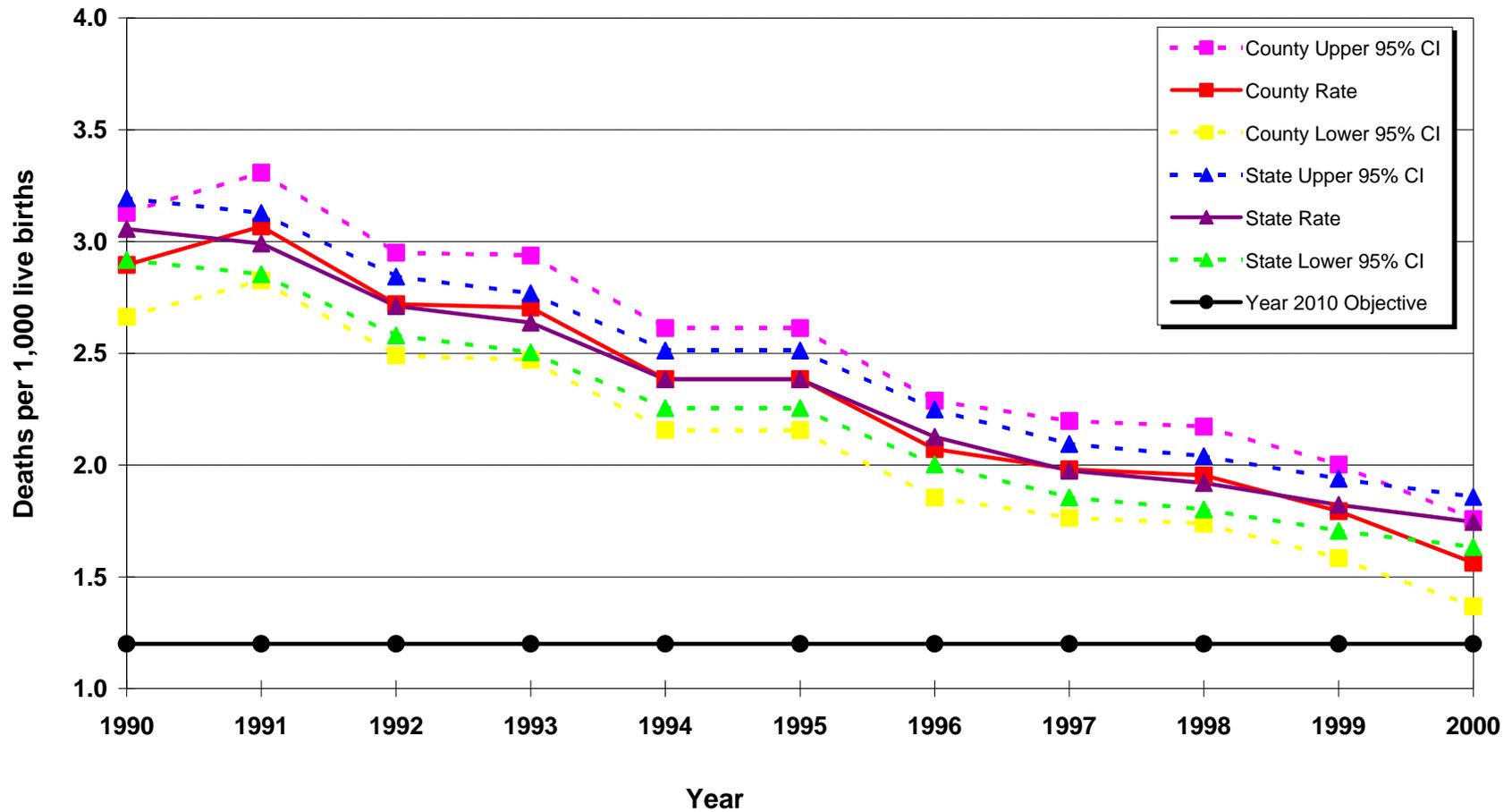
See also risk factors for infant mortality.

Year	California				LA County			
	Post-Neonatal Mortality		95% Confidence Interval		Post-Neonatal Mortality		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	1,869	3.1	2.9	3.2	591	2.9	2.7	3.1
1991	1,822	3.0	2.9	3.1	622	3.1	2.8	3.3
1992	1,629	2.7	2.6	2.8	537	2.7	2.5	2.9
1993	1,541	2.6	2.5	2.8	513	2.7	2.5	2.9
1994	1,481	2.6	2.5	2.7	433	2.4	2.2	2.6
1995	1,314	2.4	2.3	2.5	417	2.4	2.2	2.6
1996	1,145	2.1	2.0	2.2	350	2.1	1.9	2.3
1997	1,035	2.0	1.9	2.1	321	2.0	1.8	2.2
1998	1,001	1.9	1.8	2.0	310	2.0	1.7	2.2
1999	944	1.8	1.7	1.9	280	1.8	1.6	2.0
2000	927	1.7	1.6	1.9	246	1.6	1.4	1.8

DENOMINATOR: Live Births	
California	LA County
611,666	204,124
609,228	202,737
600,838	197,415
584,483	189,706
567,034	180,394
551,226	174,862
538,628	168,973
524,174	162,036
521,265	158,604
518,073	156,153
531,285	157,391

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

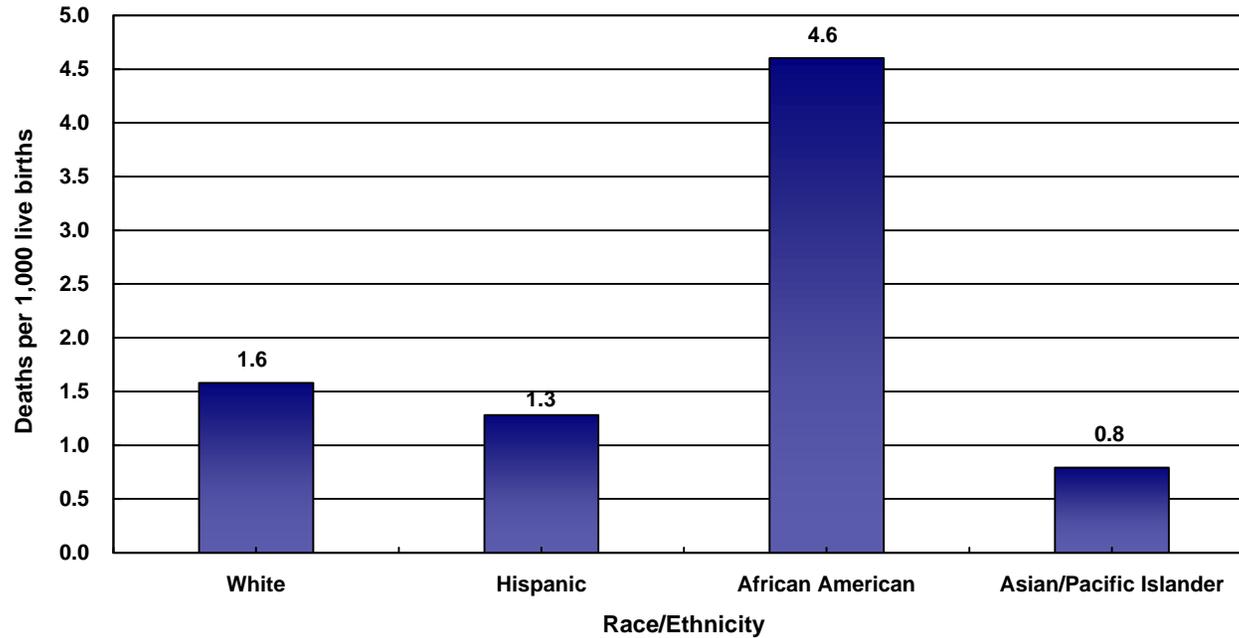
## Post-Neonatal Deaths per 1,000 Live Births California vs. Los Angeles County, 1990 - 2000



**Year 2010 Objective:** Reduce the neonatal mortality rate to no more than 1.2 per 1,000 live births.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

**Post-Neonatal Mortality Rate by Race/Ethnicity\***  
Los Angeles County, 2000



Los Angeles County, 2000				
Race/Ethnicity	Post-neonatal Mortality		95 % Confidence Interval	
	Number	Rate	Lower	Upper
White	46	1.6	1.1	2.0
Hispanic	125	1.3	1.1	1.5
African American	62	4.6	3.5	5.7
Asian/Pacific Islander	13	0.8	0.4	1.2
Native American	0	N/C**	N/C**	N/C**
Other/Unknown	0	N/C**	N/C**	N/C**
<b>Total</b>	<b>246</b>	<b>1.6</b>	<b>1.4</b>	<b>1.8</b>

Total Live Births
29,094
97,719
13,468
16,401
248
461
<b>157,391</b>

\* White, African American, Asian, Native American and other race exclude Hispanic ethnicity  
Hispanic includes any race category  
Filipino is included in Asian  
\*\* Rates are not calculated if fewer than five deaths

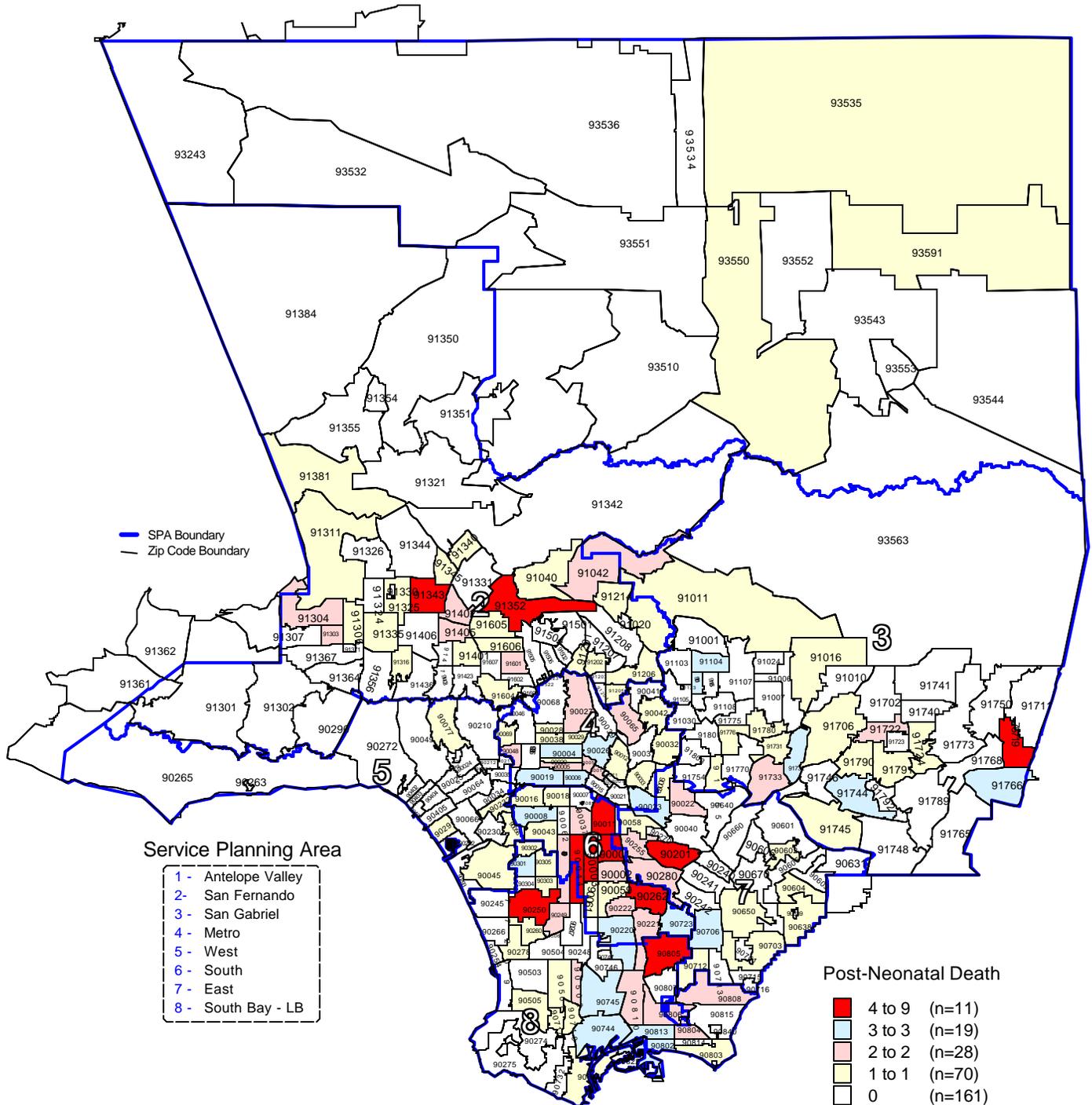
**Year 2010 Objective:** Reduce the post-neonatal mortality rate to no more than 1.2 per 1,000 live births.

**Note:** Post-neonatal mortality rate is defined as deaths occurring between ages 28 and 364 days per 1,000 live births

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Los Angeles County - Department of Health Services  
**Number of Post-Neonatal Deaths**  
**by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

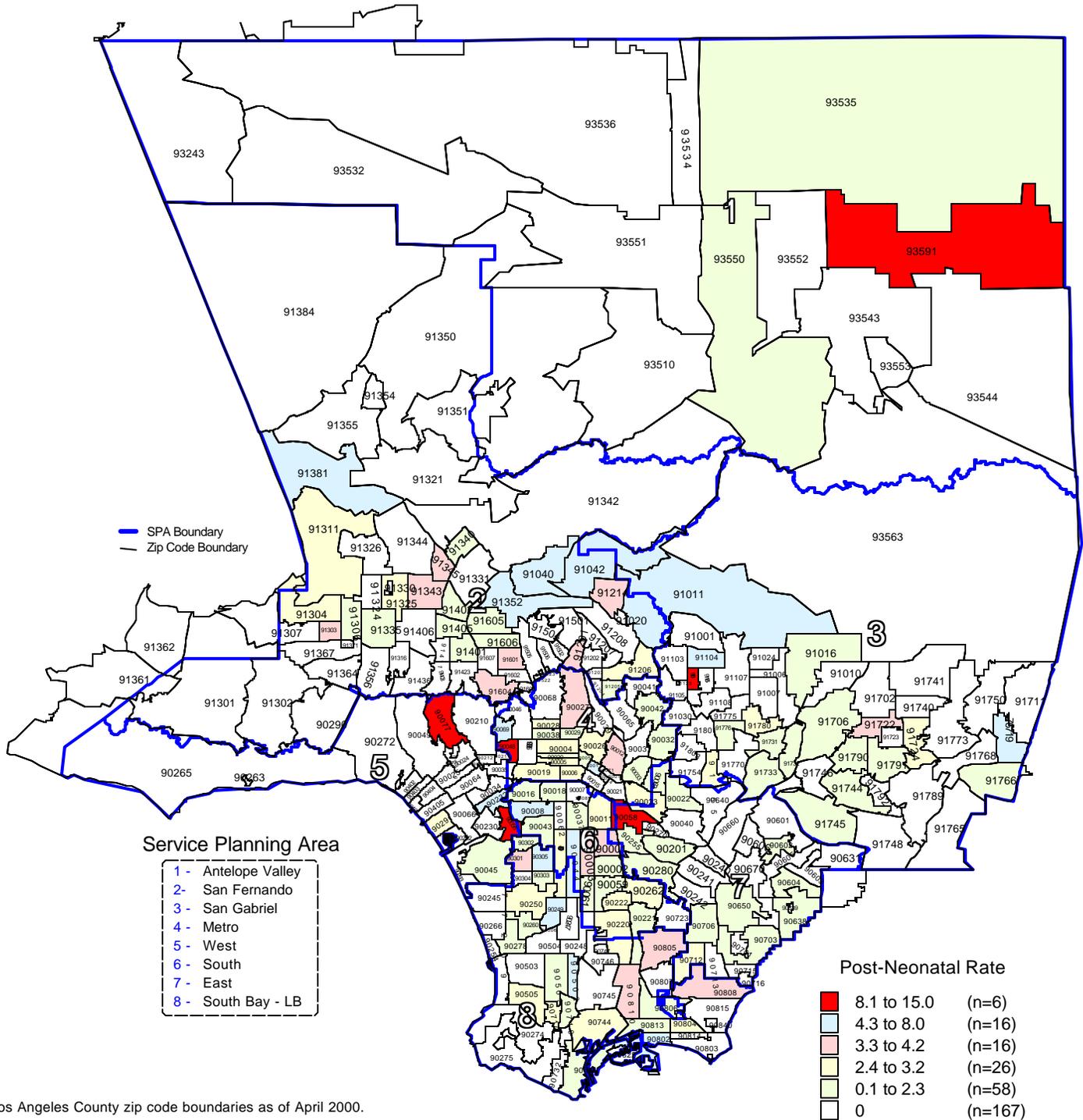
Total Number of live births in Los Angeles County, 2000 = 157,391  
 Total Number of post-neonatal deaths in Los Angeles County, 2000 = 246  
 Note: Post-neonatal deaths are defined as deaths occurring between 28 days and 365 days

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

Los Angeles County - Department of Health Services  
**Post-Neonatal Mortality Rate**  
**by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Total Number of post-neonatal deaths in Los Angeles County, 2000 = 246

Note: Post-neonatal deaths are defined as deaths occurring between 28 days and 365 days per 1,000 live births

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# **FETAL DEATH**

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Fetal deaths**

**DEFINITION:** The number of fetal deaths of 20 weeks or more gestational age per 1,000 live births plus fetal deaths

**NUMERATOR:** The number of fetal deaths of 20 weeks or more gestation, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births plus fetal deaths, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce the fetal death rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths. (Baseline: 6.8 per 1,000 live births plus fetal deaths in 1997) (Objective 16.1a)

**RISK FACTORS:** Race/ethnicity (African American); maternal diabetes; pregnancy complications; maternal medical complications/chronic illness during pregnancy (including severe maternal infection); Rh sensitization; congenital anomalies; intrauterine cocaine exposure; maternal history of miscarriage

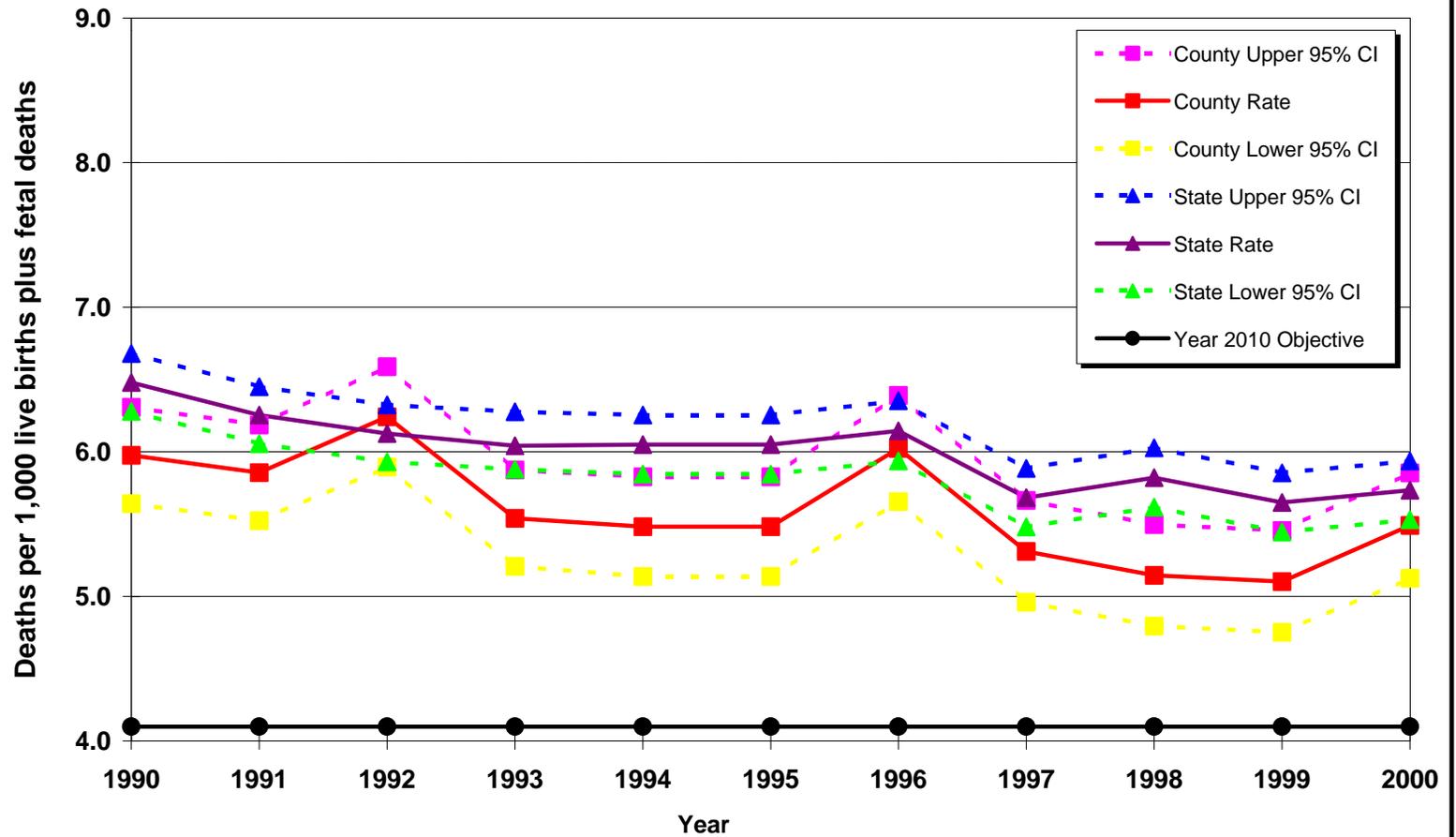
Year	California				LA County			
	Fetal Death		95% Confidence Interval		Fetal Death		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	3,989	6.5	6.3	6.7	1,227	6.0	5.6	6.3
1991	3,834	6.3	6.1	6.5	1,194	5.9	5.5	6.2
1992	3,704	6.1	5.9	6.3	1,240	6.2	5.9	6.6
1993	3,574	6.0	5.9	6.3	1,057	5.5	5.2	5.9
1994	3,299	5.8	5.6	6.0	1,018	5.6	5.3	6.0
1995	3,355	6.0	5.8	6.3	964	5.5	5.1	5.8
1996	3,330	6.1	5.9	6.4	1,024	6.0	5.7	6.4
1997	2,996	5.7	5.5	5.9	866	5.3	5.0	5.7
1998	3,053	5.8	5.6	6.0	821	5.1	4.8	5.5
1999	2,927	5.6	5.4	5.9	801	5.1	4.8	5.5
2000	3,046	5.7	5.5	5.9	864	5.5	5.1	5.9

DENOMINATOR: Total Births*	
California	LA County
615,655	205,351
613,062	203,931
604,542	198,655
588,057	190,763
570,333	181,412
554,581	175,826
541,958	169,997
527,268	163,030
524,442	159,555
518,073	156,954
531,285	157,391

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

**Note:** \* Total births = number of live births + number of fetal deaths

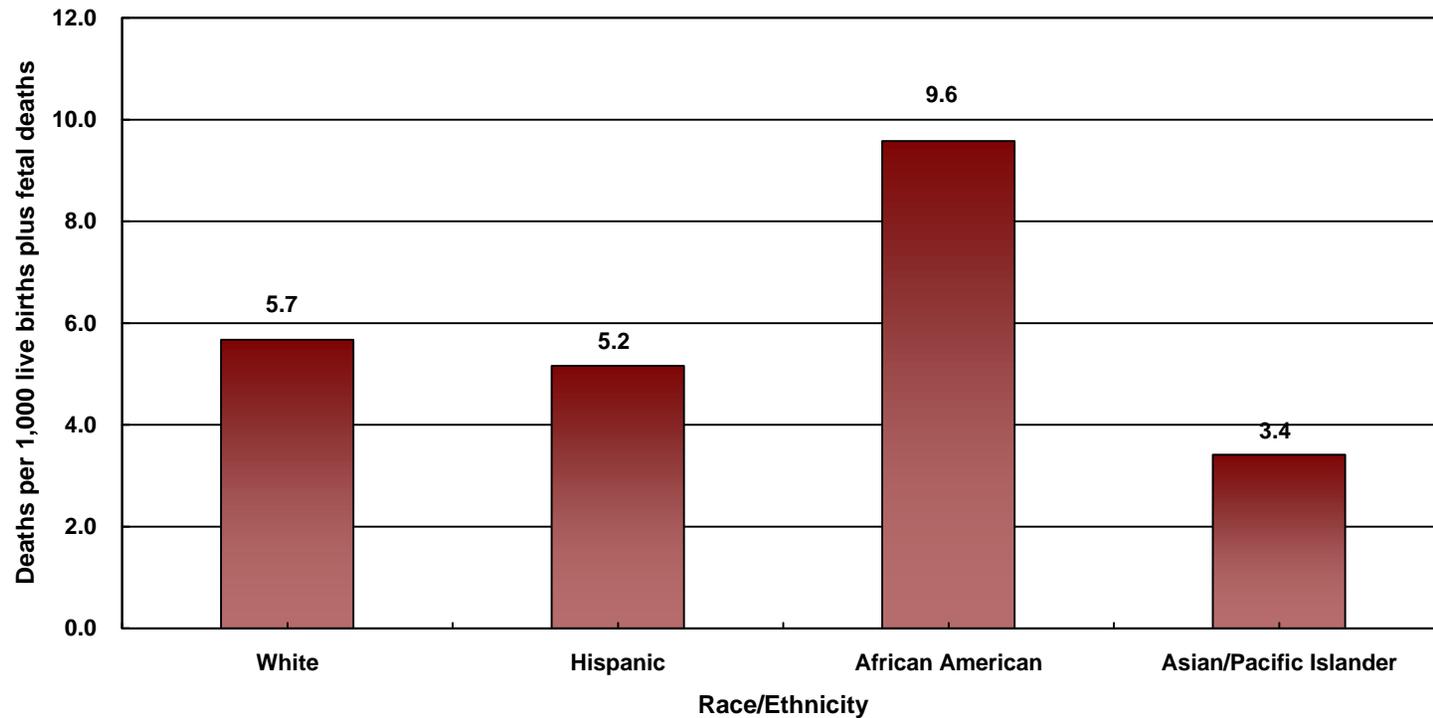
### Fetal Deaths per 1,000 Live Births plus Fetal Deaths California vs. Los Angeles County, 1990 - 2000



**Year 2010 Objective:** Reduce the fetal death rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.  
**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

## Fetal Mortality Rate by Mother's Race/Ethnicity\*

### Los Angeles County, 2000



Race/Ethnicity	Los Angeles County, 2000			
	Fetal Mortality		95% Confidence Interval	
	Number	Rate	Lower	Upper
White	165	5.7	4.8	6.5
Hispanic	504	5.2	4.7	5.6
African American	129	9.6	7.9	11.2
Islander	56	3.4	2.5	4.3
Native American	1	N/C**	N/C**	N/C**
Other/Unknown	9	19.5	6.9	32.2
<b>Total</b>	<b>864</b>	<b>5.5</b>	<b>5.1</b>	<b>5.9</b>

Total Births
29,094
97,719
13,468
16,401
248
461
<b>157,391</b>

\* White, African American, Asian, Native American and other races exclude Hispanic ethnicity  
Hispanic includes any race category

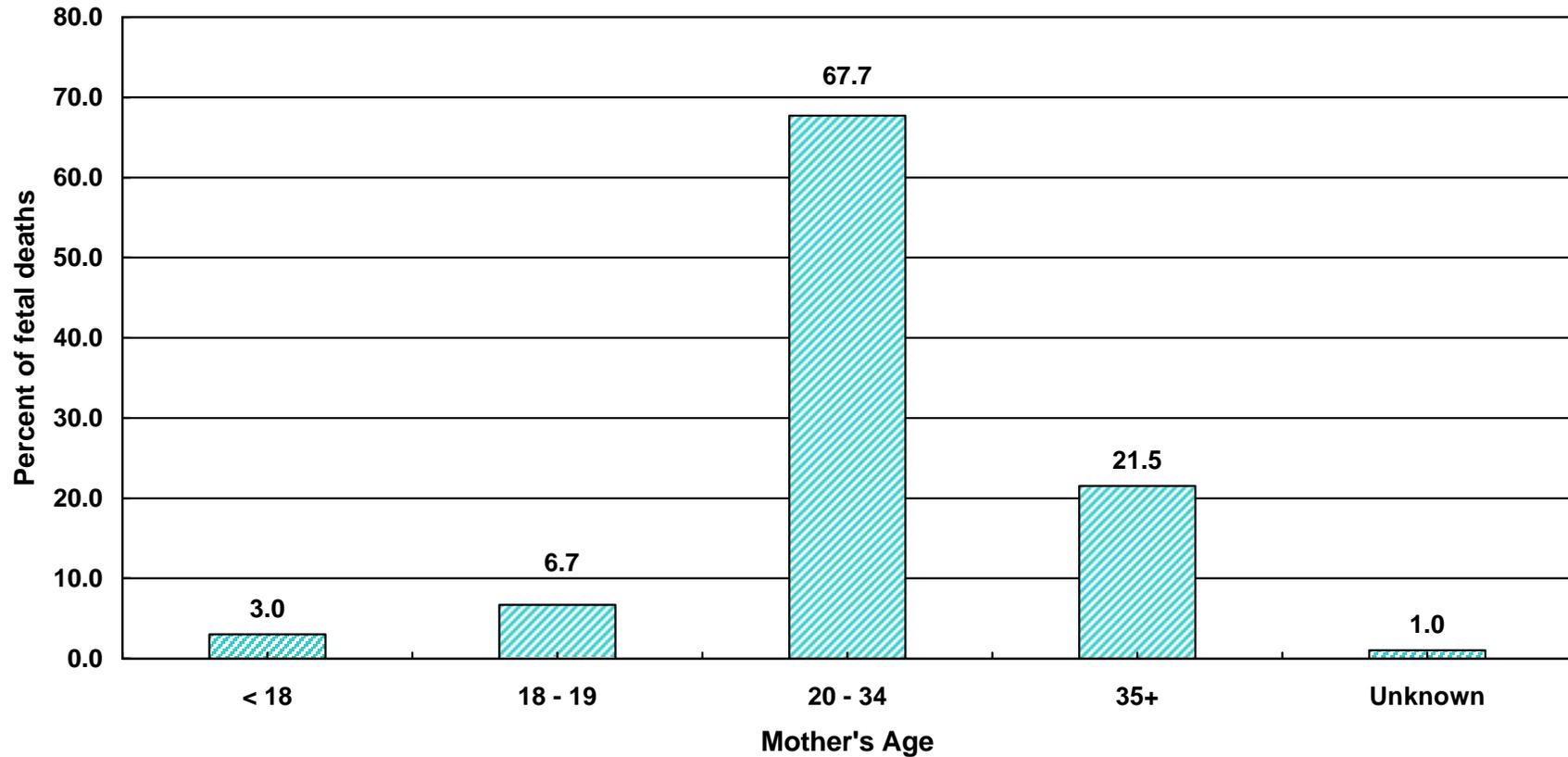
\*\* Rates are not calculated if no more than five deaths.

**Year 2010 Objective:** Reduce the fetal death rate (20 or more weeks of gestation) to no more than 4.1 per 1,000 live births plus fetal deaths.

**Note:** Fetal mortality rates are fetal deaths per 1,000 live births plus fetal deaths. Fetal deaths are those occurring during 20 weeks or more gestational period.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Percent of Fetal Deaths by Mother's Age Los Angeles County, 2000



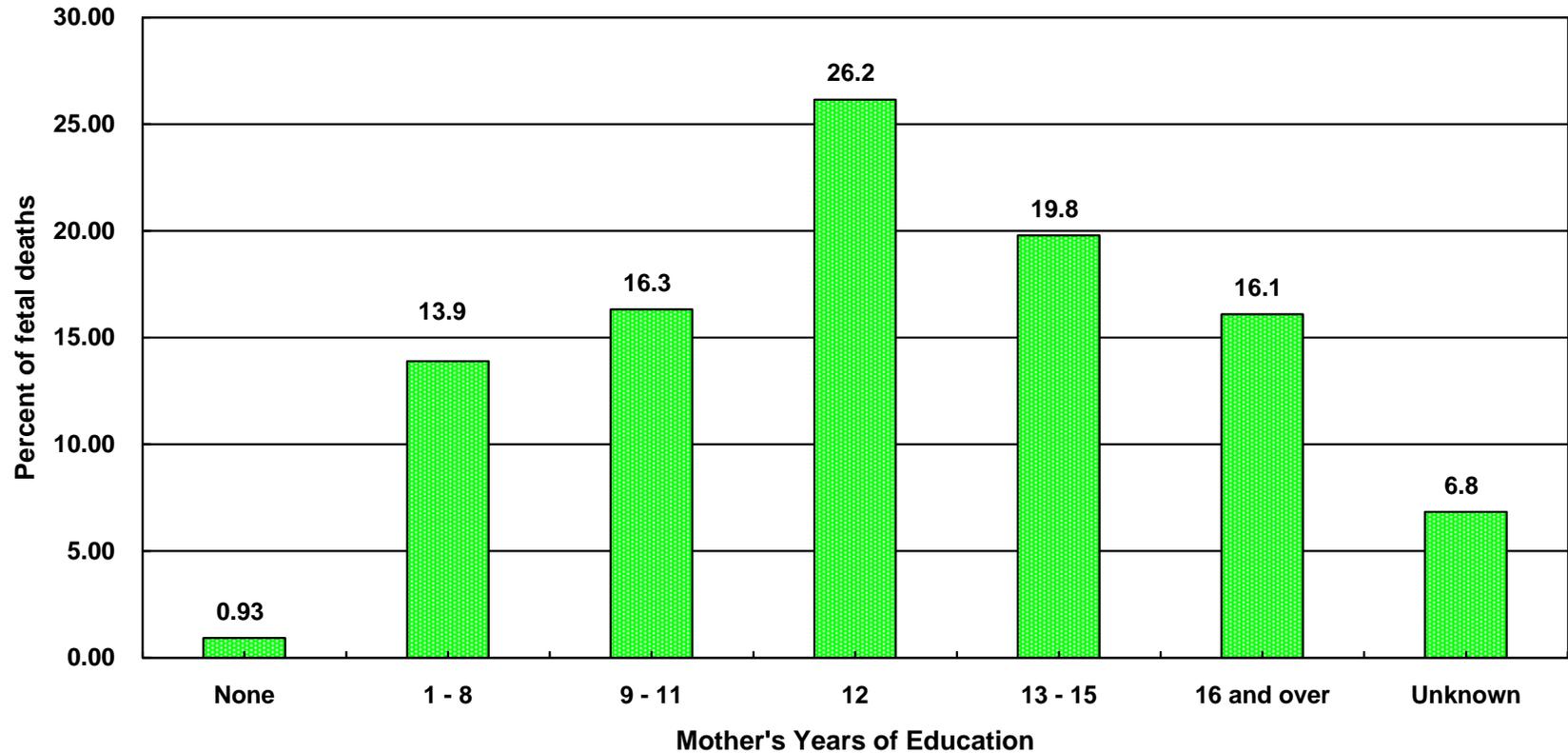
Mother's Age									
< 18		18 - 19		20 - 34		35+		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
26	3.0	58	6.7	585	67.7	186	21.5	9	1.0

**Note:** Total fetal deaths in 2000 was 864

Fetal deaths are those occurring during 20 weeks or more gestational period.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Percent of Fetal Deaths by Mother's Years of Education Los Angeles County, 2000



Years of Education													
None		1 - 8		9 - 11		12		13 - 15		16 and over		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
8	0.9	120	13.9	141	16.3	226	26.2	171	19.8	139	16.1	59	6.8

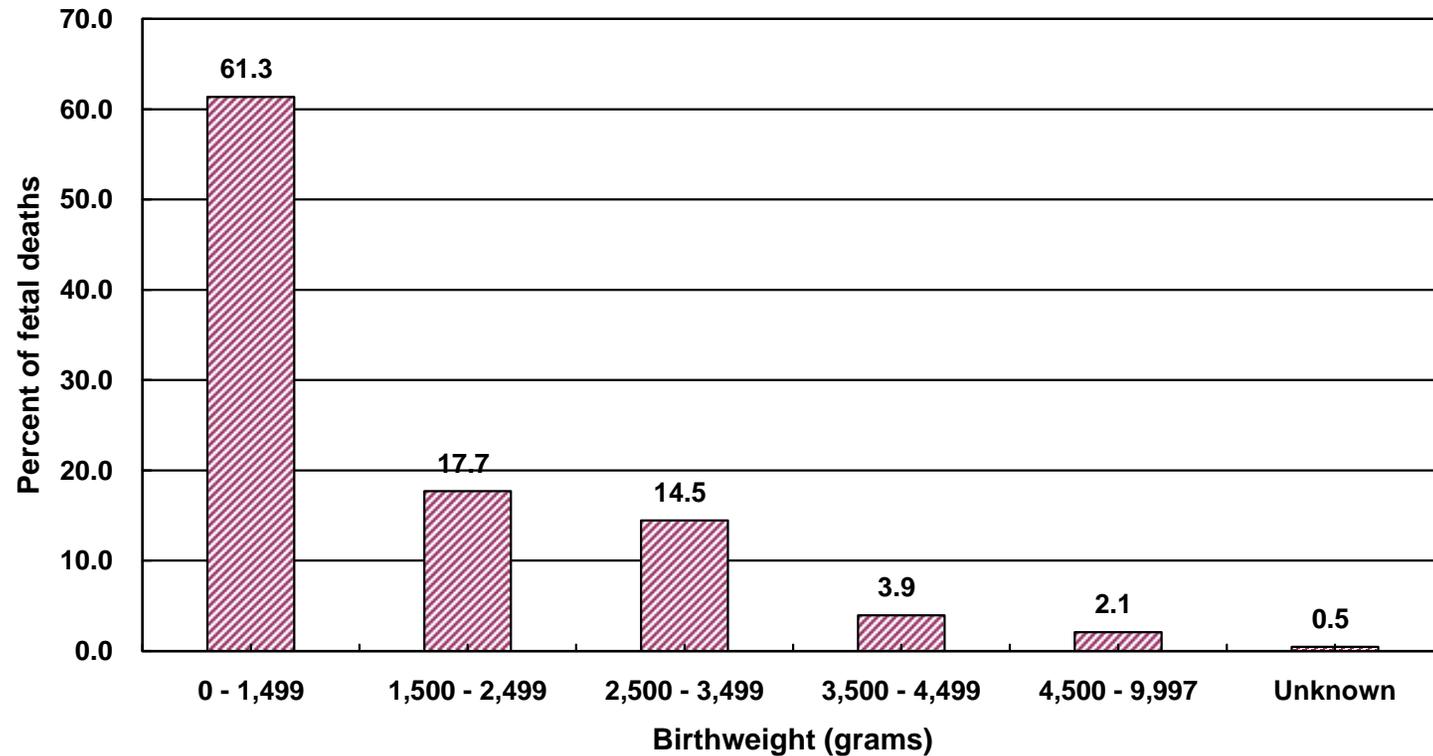
**Note:** Total fetal deaths in 2000 was 864

Fetal deaths are those occurring during 20 weeks or more gestational period.

This analysis did not adjust for teen mothers who may not be old enough to have reached higher categorical education level.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Percent of Fetal Deaths by Birthweight Category Los Angeles County, 2000



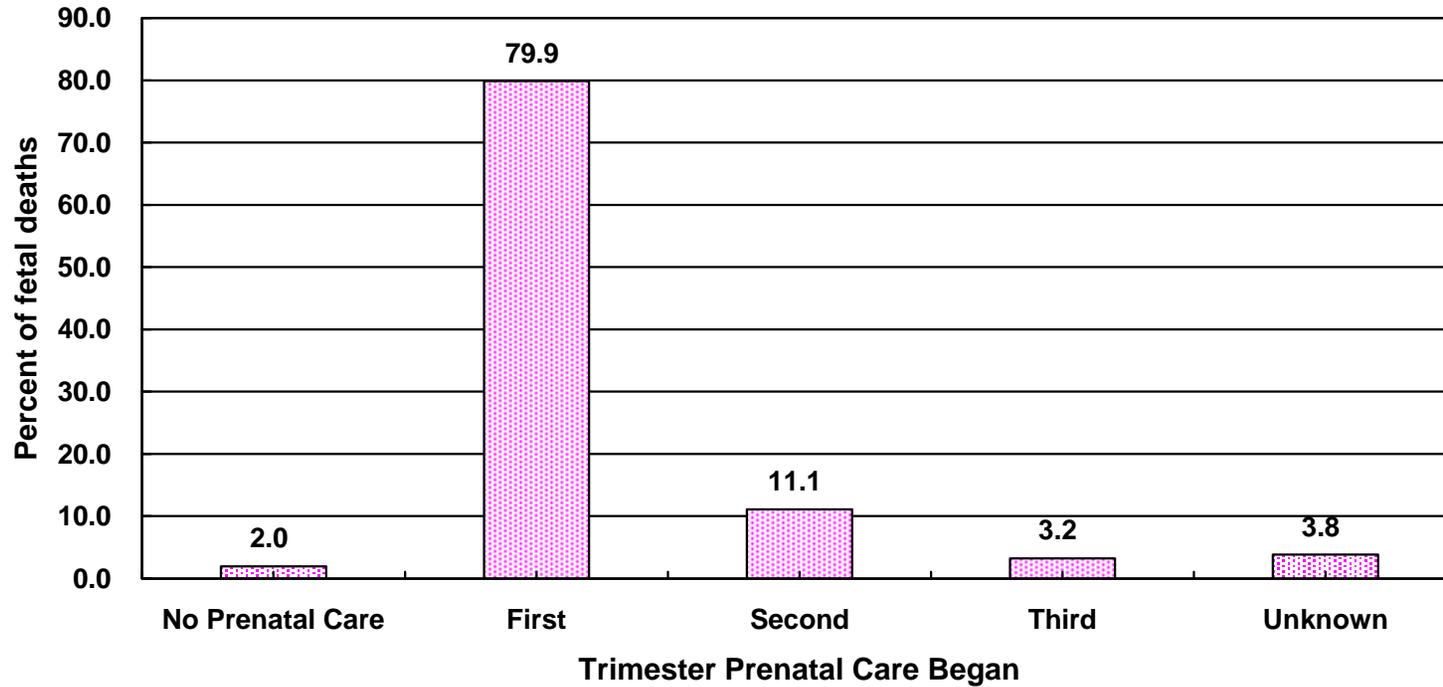
Birthweight (grams)											
0 - 1,499		1,500 - 2,499		2,500 - 3,499		3,500 - 4,499		4,500 - 9,997		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
530	61.3	153	17.7	125	14.5	34	3.9	18	2.1	4	0.5

**Note:** Total fetal deaths in 2000 was 864

Fetal deaths are those occurring during 20 weeks or more gestational period.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Fetal Deaths  
by Mother's Trimester Prenatal Care Began  
Los Angeles County, 2000**



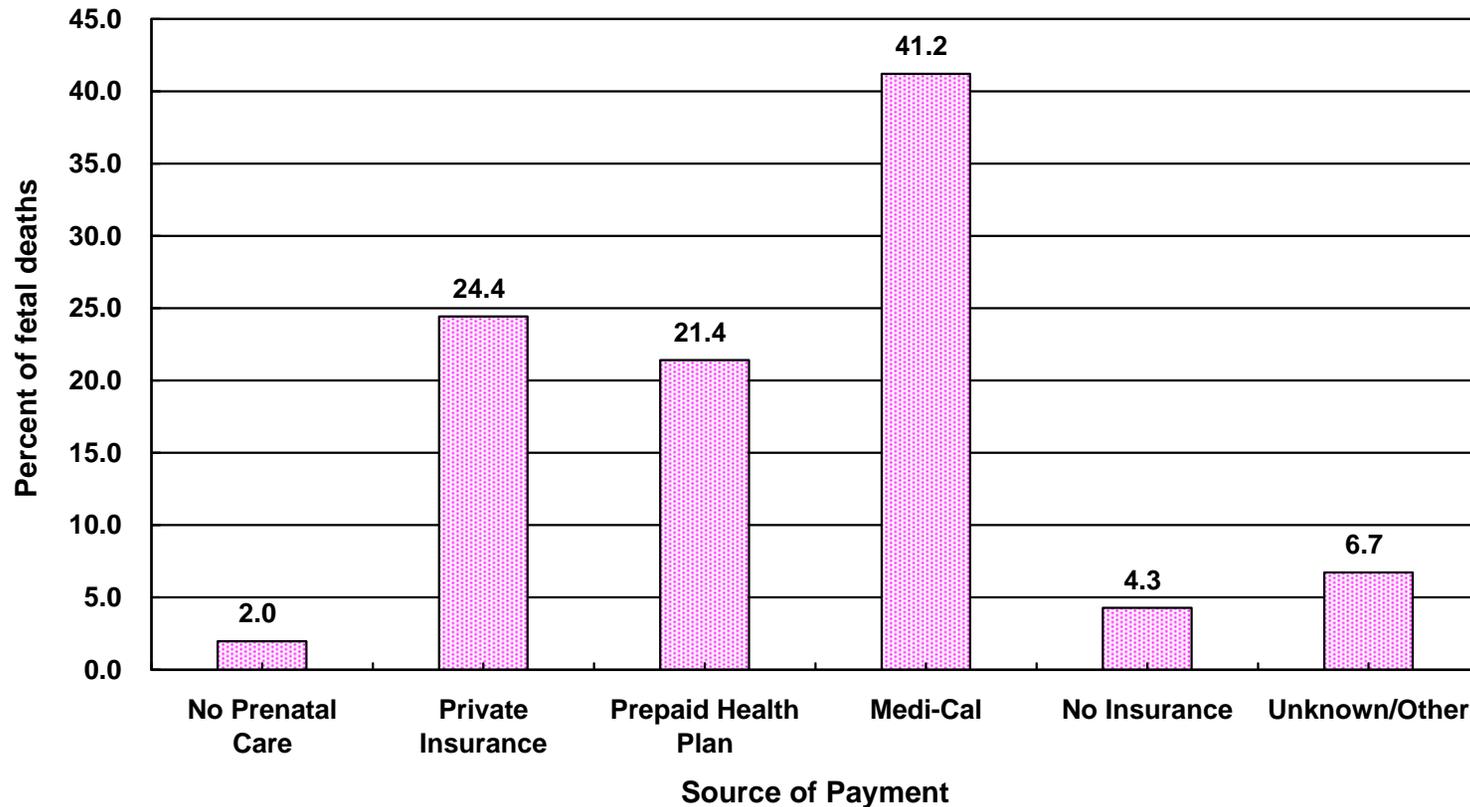
Trimester Prenatal Care Began									
No Prenatal Care		First		Second		Third		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
17	2.0	690	79.9	96	11.1	28	3.2	33	3.8

**Note:** Total fetal deaths in 2000 was 864

Fetal deaths are those occurring during 20 weeks or more gestational period.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Fetal Deaths by Source of Payment  
for Prenatal Care (PNC)  
Los Angeles County, 2000**



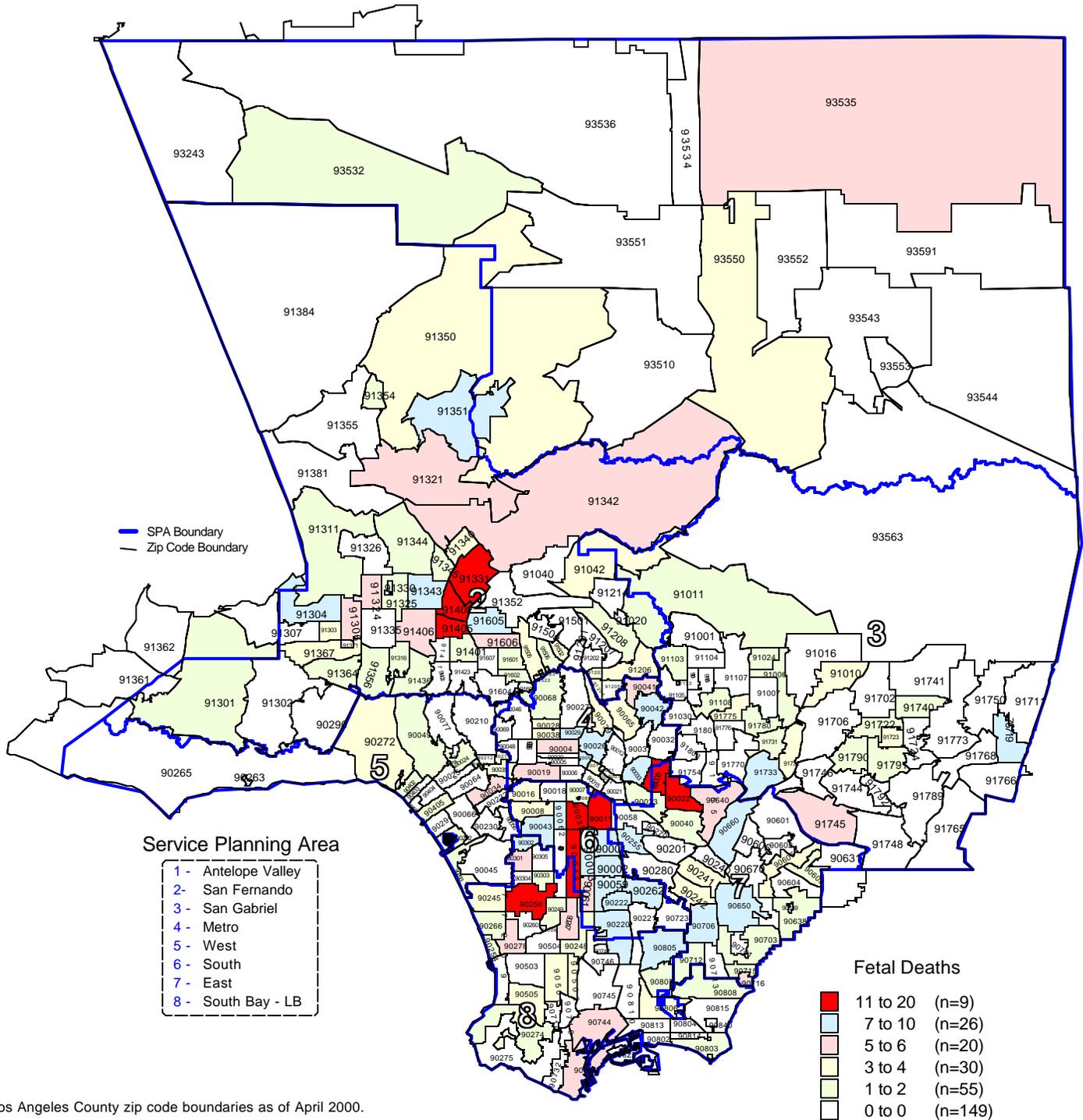
Source of Payment											
No Prenatal Care		Private Insurance		Prepaid Health Plan		Medi-Cal		No Insurance		Unknown/Other	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
17	2.0	211	24.4	185	21.4	356	41.2	37	4.3	58	6.7

**Note:** Total fetal deaths in 2000 was 864

Fetal deaths are those occurring during 20 weeks or more gestational period.

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Los Angeles County - Department of Health Services  
**Number of Fetal Deaths**  
**by Zip Code\* and Service Planning Area (SPA)**  
 Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Total Number of fetal deaths in Los Angeles County, 2000 = 864

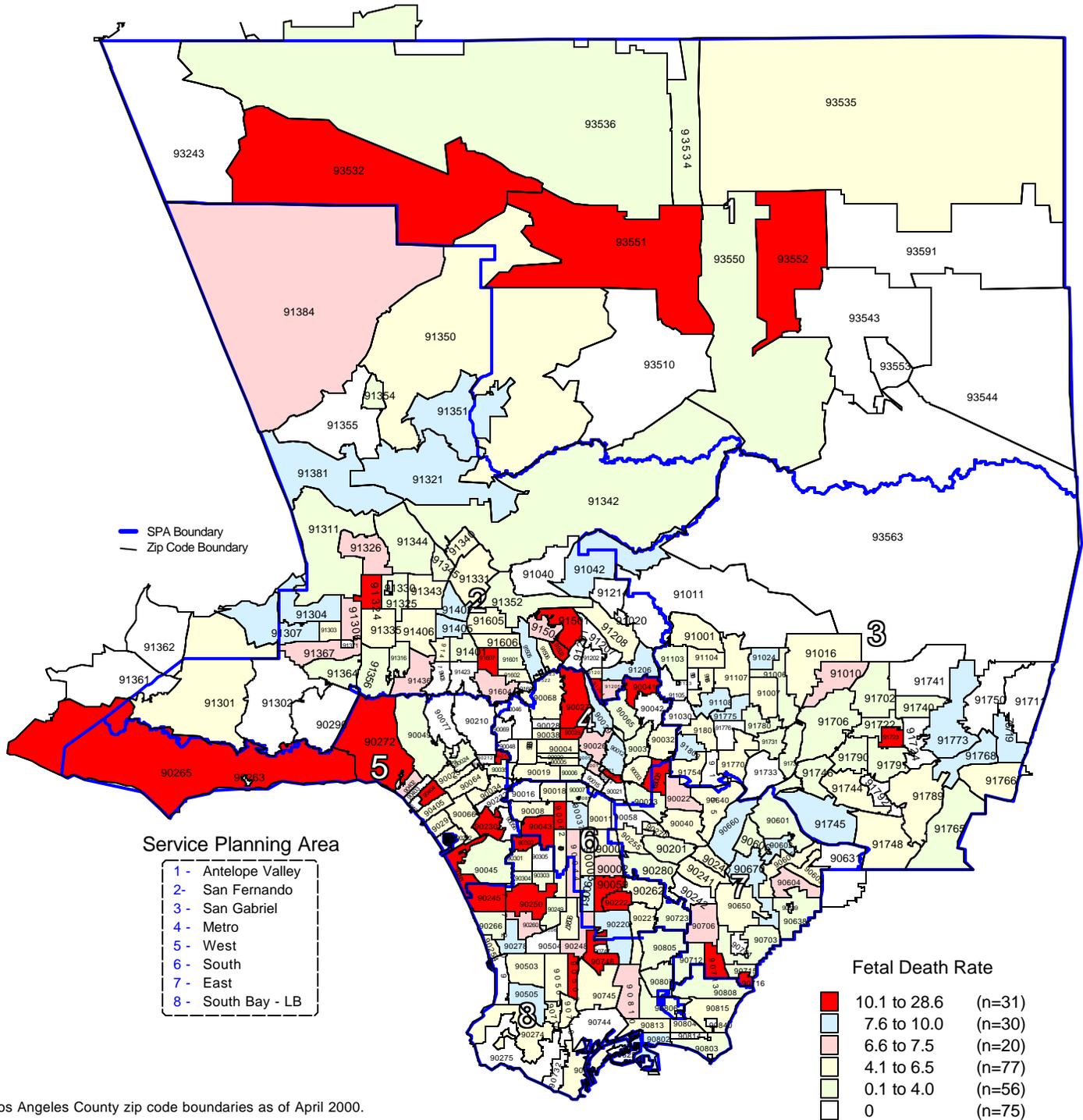
Note: Fetal Deaths is defined as death occurring during 20 weeks or more gestational period

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# Fetal Mortality Rate by Zip Code\* and Service Planning Area (SPA)

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Total Number of fetal deaths in Los Angeles County, 2000 = 864

Note: Fetal Mortality Rate is defined as death occurring during 20 weeks or more gestational period per 1,000 live births plus fetal deaths

Source: California Department of Health Services  
Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# FERTILITY RATE

**TITLE V INDICATOR TEMPLATES**

**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, 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 2010 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 less 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
2000	895	0.7	0.7	0.8	274	0.8	0.7	0.8

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
1,260,411	362,280

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

Previous years, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

Sacramento, California, December 1998

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Fertility rate among girls (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
2000	18,887	27.2	26.9	27.6	5,801	30.8	30.1	31.6

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
2000	693,330	188,148	2,735	6,012	10,140	879	1,855	3,067

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

Previous years, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

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

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Fertility Rate among girls (continued)**

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

Year	California				County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			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
2000	36,486	79.6	78.8	80.4	10,807	89.2	87.6	90.8

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
2000	458,261	121,120	15,653	20,833	4,690	6,117

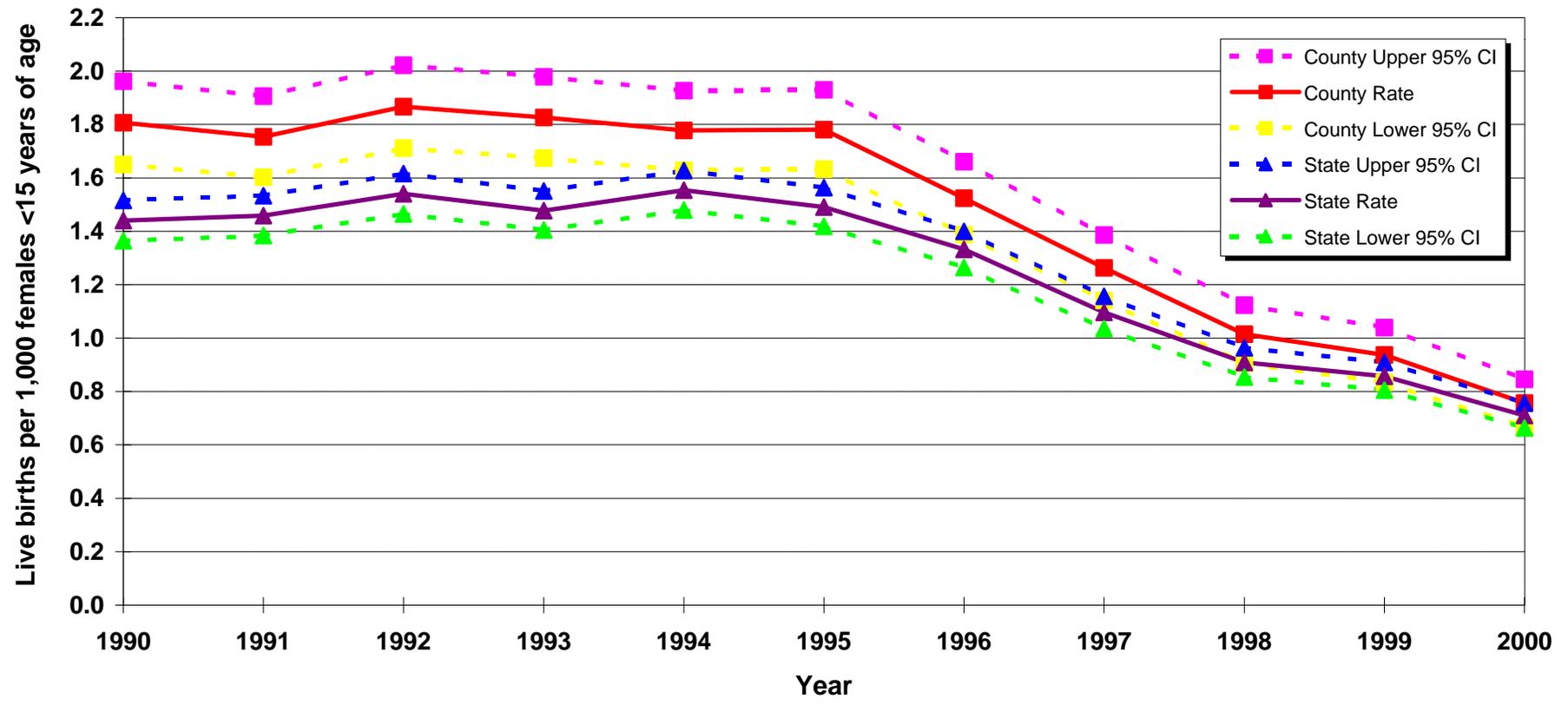
**Note:** This indicator addresses live births as opposed to pregnancies.

Previous years, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 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 - 2000



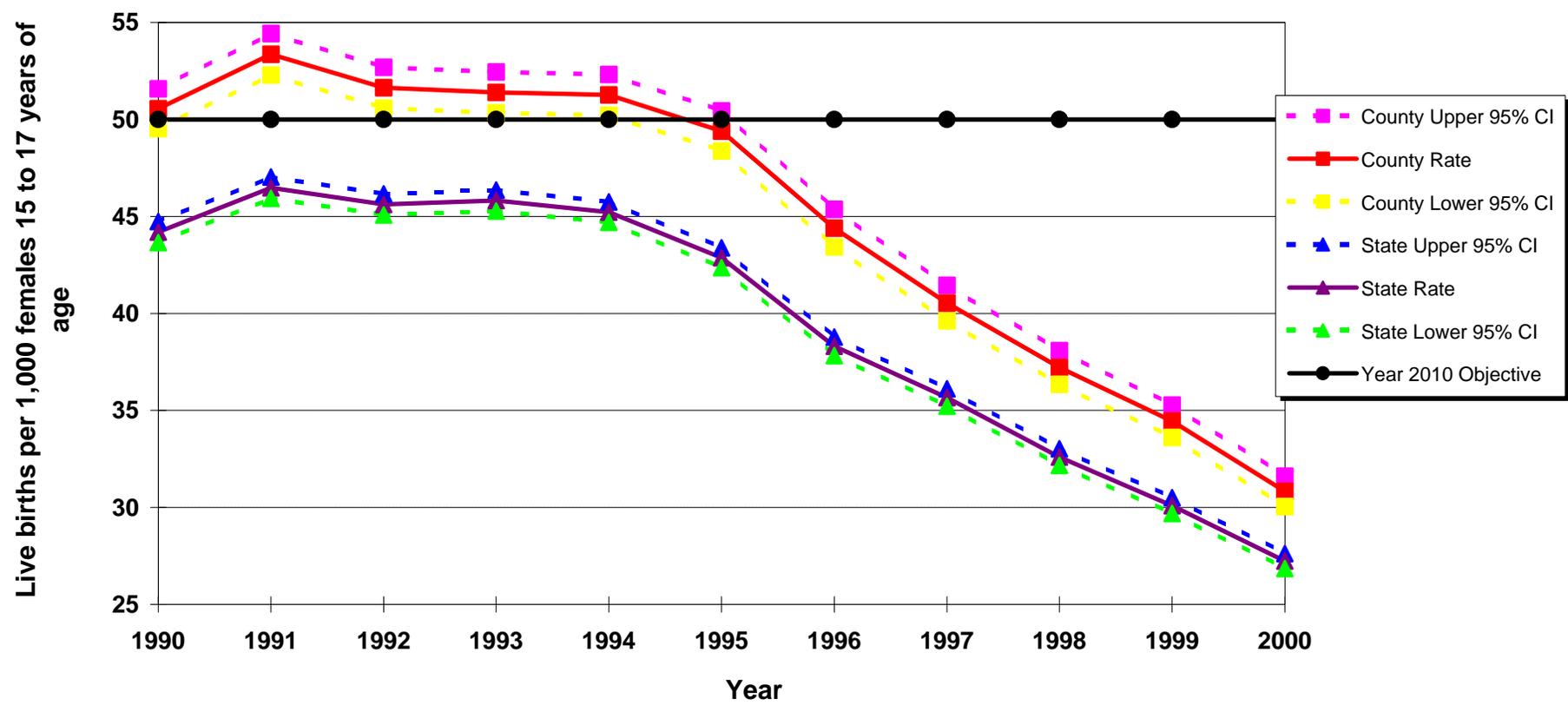
**Note:** This indicator addresses live births as opposed to pregnancies.

Previous years, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 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 - 2000



**Year 2010 Objective:** Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents.

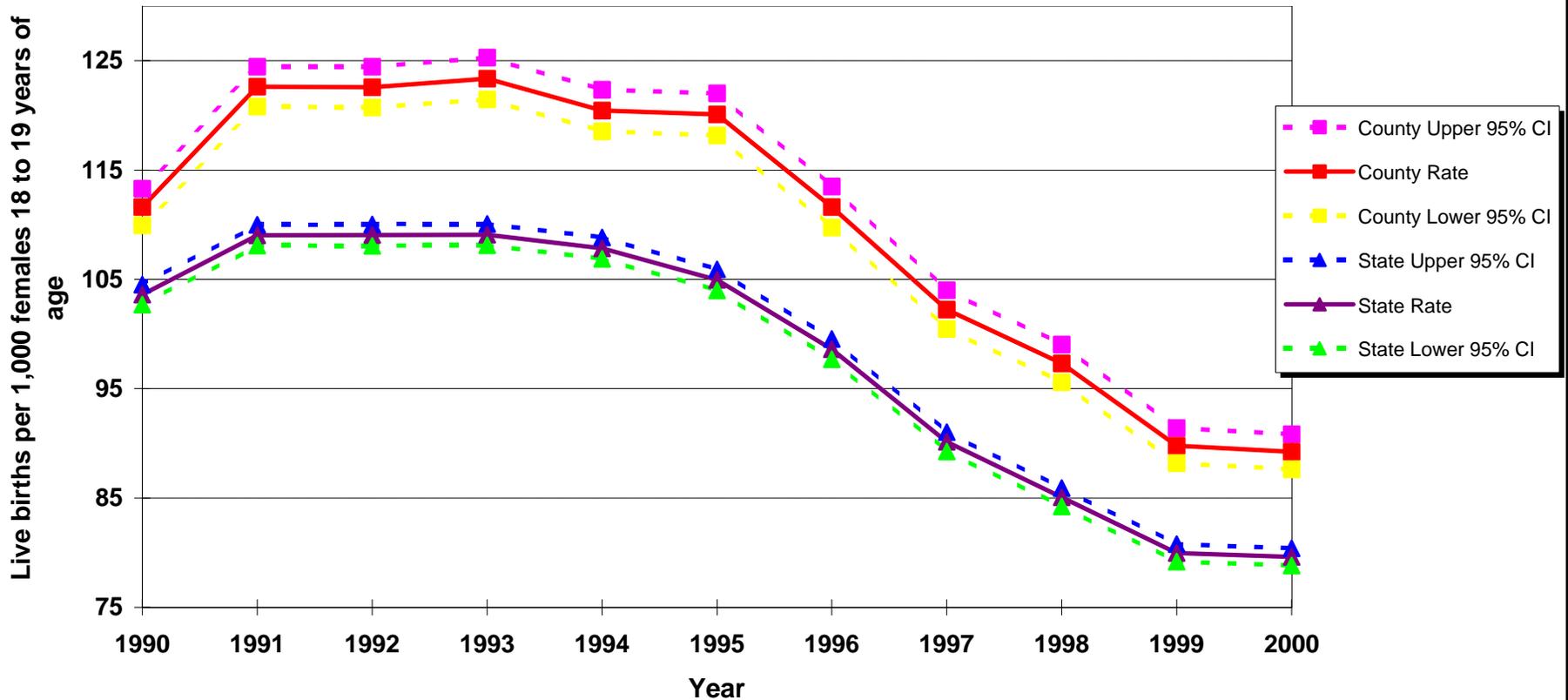
**Note:** This indicator addresses live births as opposed to pregnancies.

Previous years, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 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 - 2000



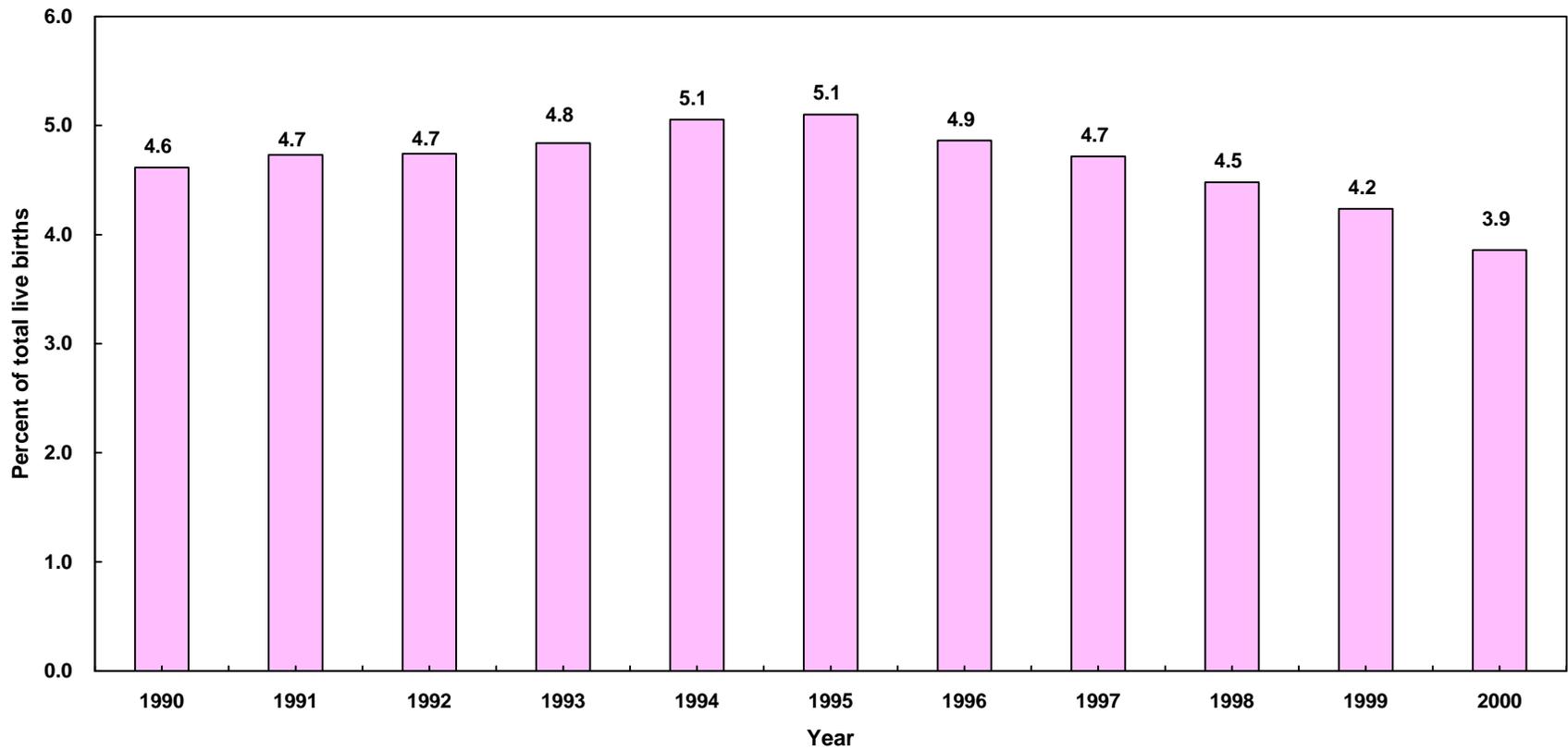
**Note:** This indicator addresses live births as opposed to pregnancies.

Previous years, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

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

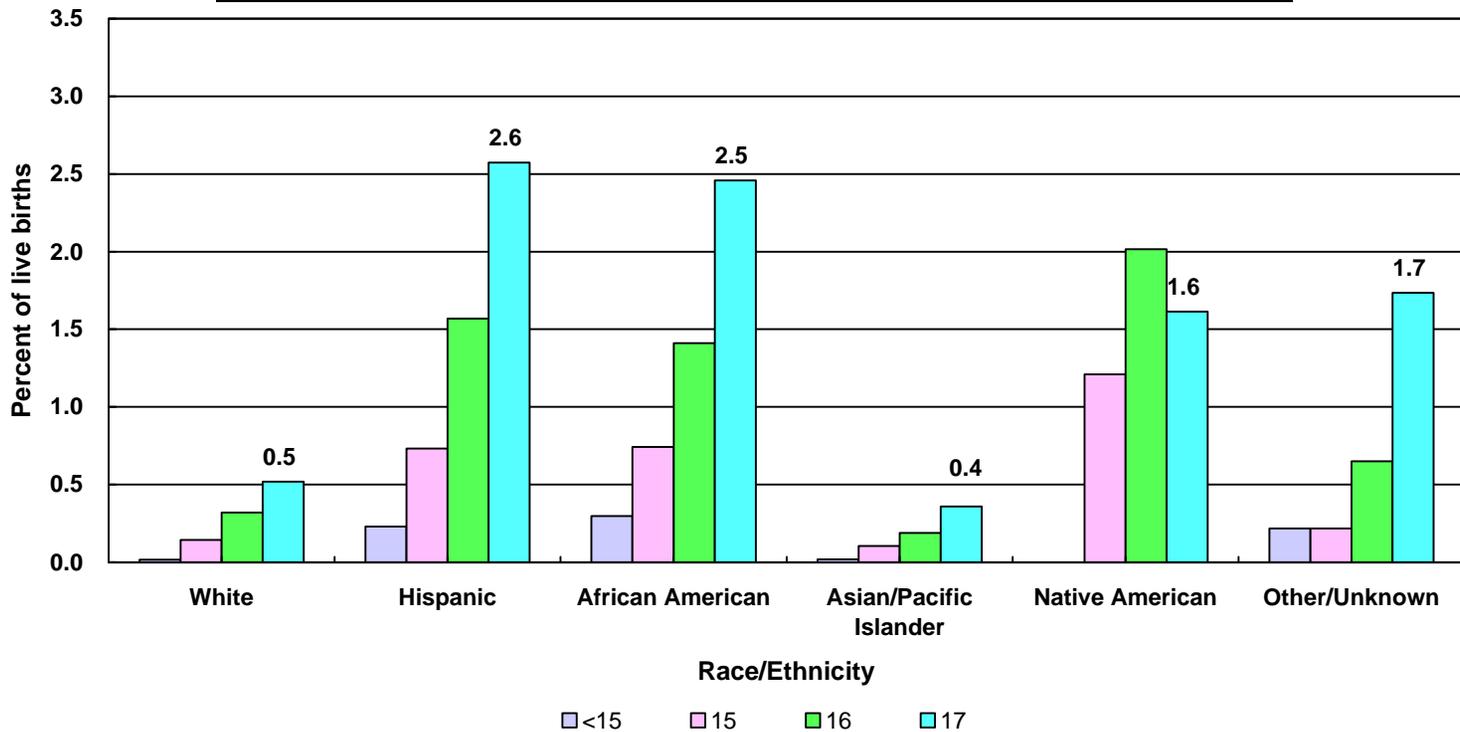
**Live Births to Mothers Less Than 18 Years Old as Percent of Total Live Births  
Los Angeles County, 1990 - 2000**



	Year																					
	1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000	
Age	Number	Percent																				
< 18	9,330	4.6	9,591	4.7	9,362	4.7	9,179	4.8	9,120	5.1	8,919	5.1	8,218	4.9	7,645	4.7	7,107	4.5	6,616	4.2	6,075	3.9
<b>Total</b>	202,124	100.0	202,737	100.0	197,415	100.0	189,706	100.0	180,394	100.0	174,862	100.0	168,973	100.0	162,036	100.0	158,604	100.0	156,153	100.0	157,391	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2000

**Percent of Live Births to Mothers Less Than 18 Years Old  
by Mother's Race/Ethnicity\*  
Los Angeles County, 2000**

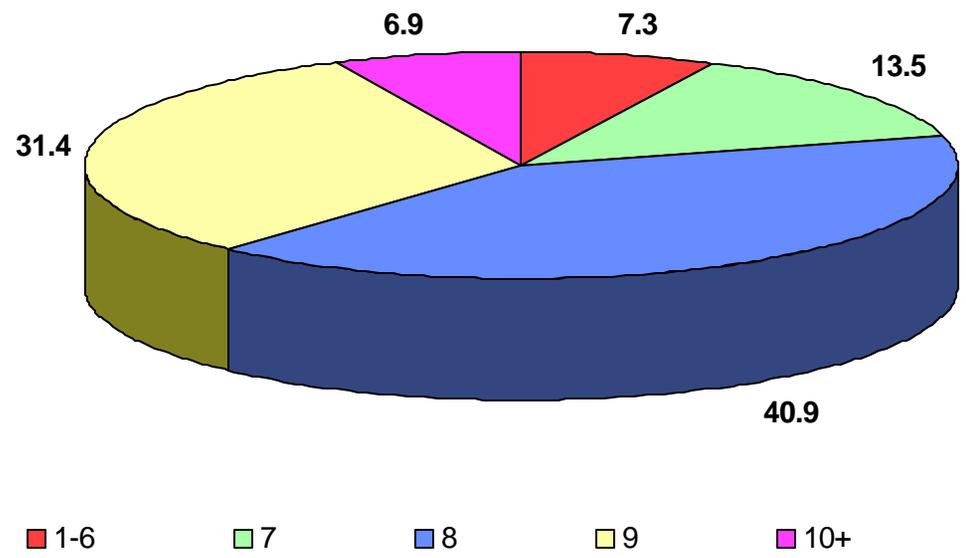


	Race/Ethnicity											
	White		Hispanic		African American		Asian/Pacific Islander		Native American		Other/Unknown	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<15	5	0.0	225	0.2	40	0.3	3	0.0	0	0.0	1	0.2
15	42	0.1	716	0.7	100	0.7	17	0.1	3	1.2	1	0.2
16	93	0.3	1,533	1.6	190	1.4	31	0.2	5	2.0	3	0.7
17	151	0.5	2,514	2.6	331	2.5	59	0.4	4	1.6	8	1.7
<b>Total</b>	<b>29,094</b>	<b>100.0</b>	<b>97,719</b>	<b>100.0</b>	<b>13,468</b>	<b>100.0</b>	<b>16,401</b>	<b>100.0</b>	<b>248</b>	<b>100.0</b>	<b>461</b>	<b>100.0</b>

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

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

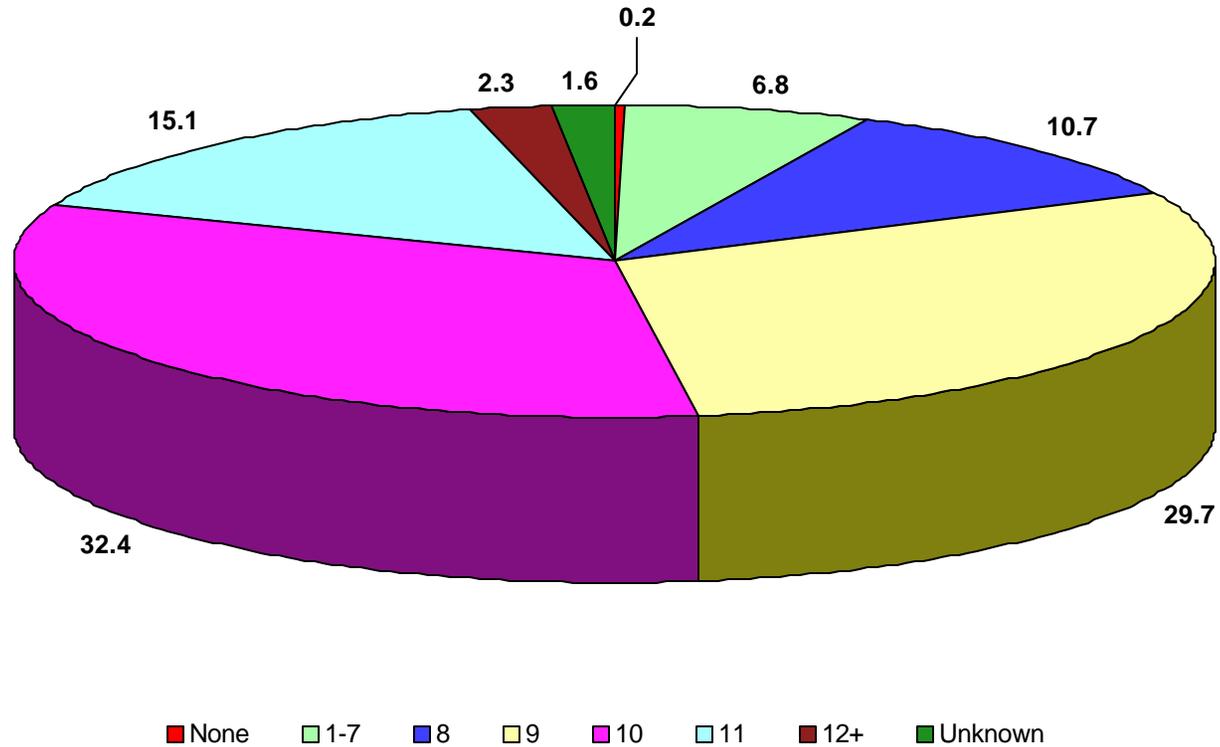
**Percent of Live Births to Mothers Less Than 15 Years Old  
by Years of Education  
Los Angeles County, 2000**



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	0.0	20	7.3	37	13.5	112	40.9	86	31.4	19	6.9	0	0.0

**Note:** Total live births to mothers less than 15 years old in Los Angeles County in 2000 was 274  
**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

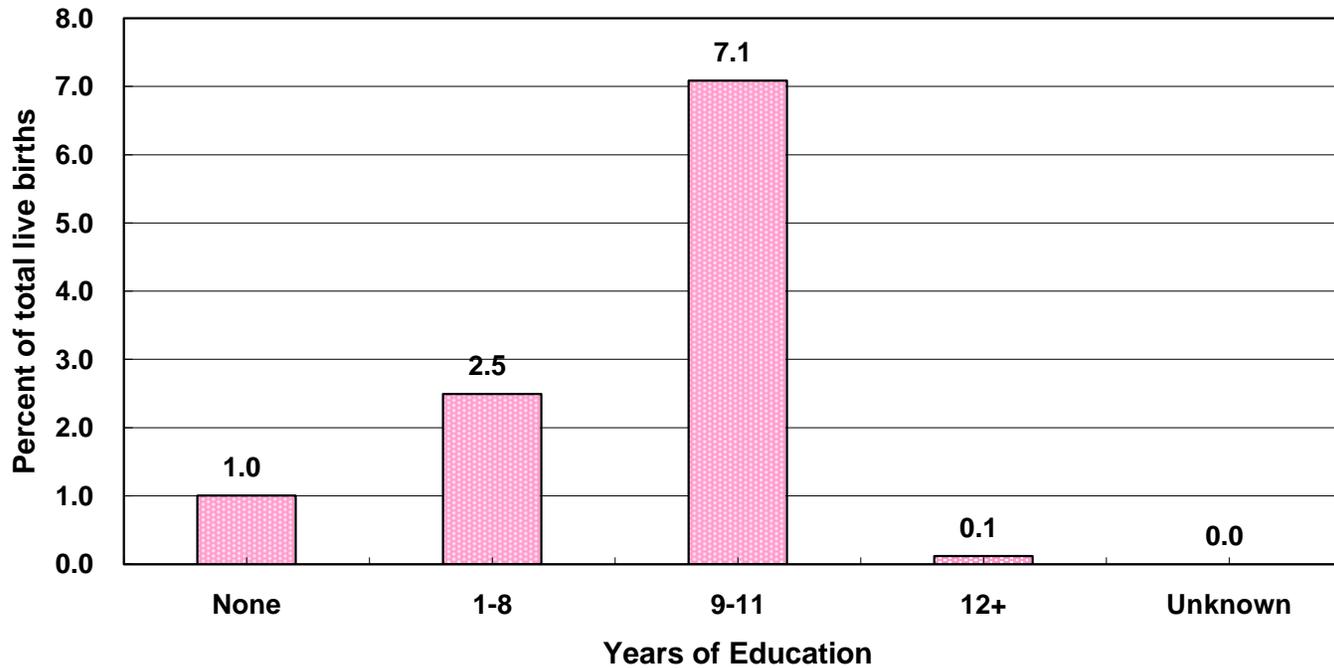
**Percent of Live Births to Mothers Less Than 17 Years Old  
by Years of Education  
Los Angeles County, 2000**



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
5	0.2	242	6.8	321	10.7	892	29.7	975	32.4	455	15.1	70	2.3	48	1.6

**Note:** Total live births to mothers less than 17 years old in Los Angeles County in 2000 was 3,008  
**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births, by Years of Education  
Los Angeles County, 2000**

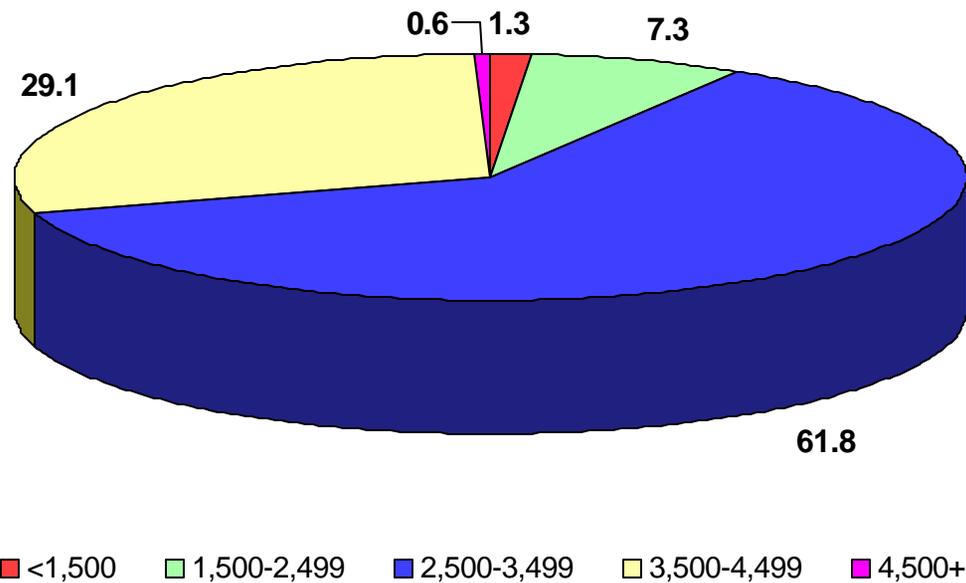


	Years of Education									
	None		1-8		9-11		12+		Unknown	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	5	1.0	563	2.5	2,322	7.1	118	0.1	0	0.0
<b>Total</b>	498	100.0	22,587	100.0	32,779	100.0	99,521	100.0	2,006	100.0

**Note:** Total live births in Los Angeles County in 2000 was 157,391

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

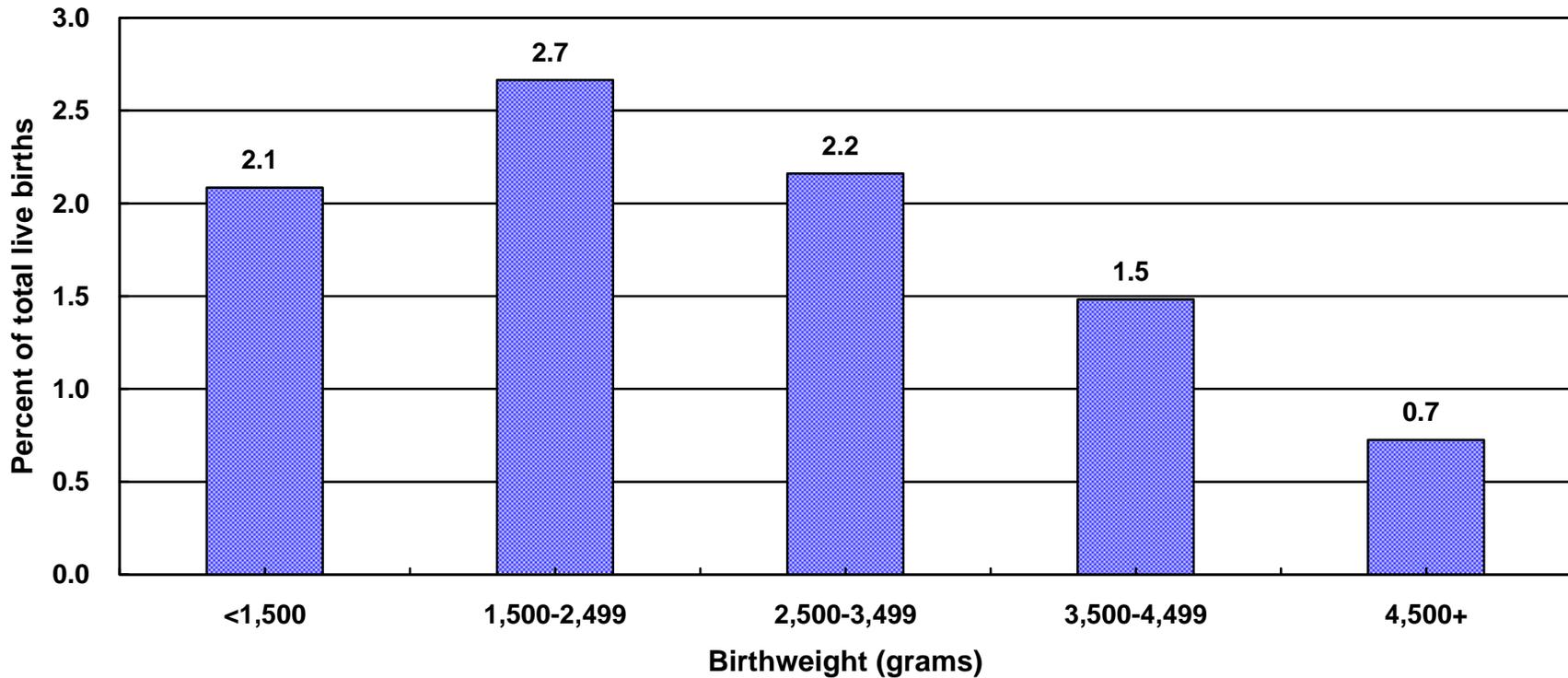
**Percent of Live Births to Mothers Less Than 17 Years Old  
by Birthweight  
Los Angeles County, 2000**



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
38	1.3	220	7.3	1,858	61.8	875	29.1	17	0.6

**Note:** Total live births to mothers less than 17 years old in Los Angeles County in 2000 was 3,008  
**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births by Birthweight  
Los Angeles County, 2000**

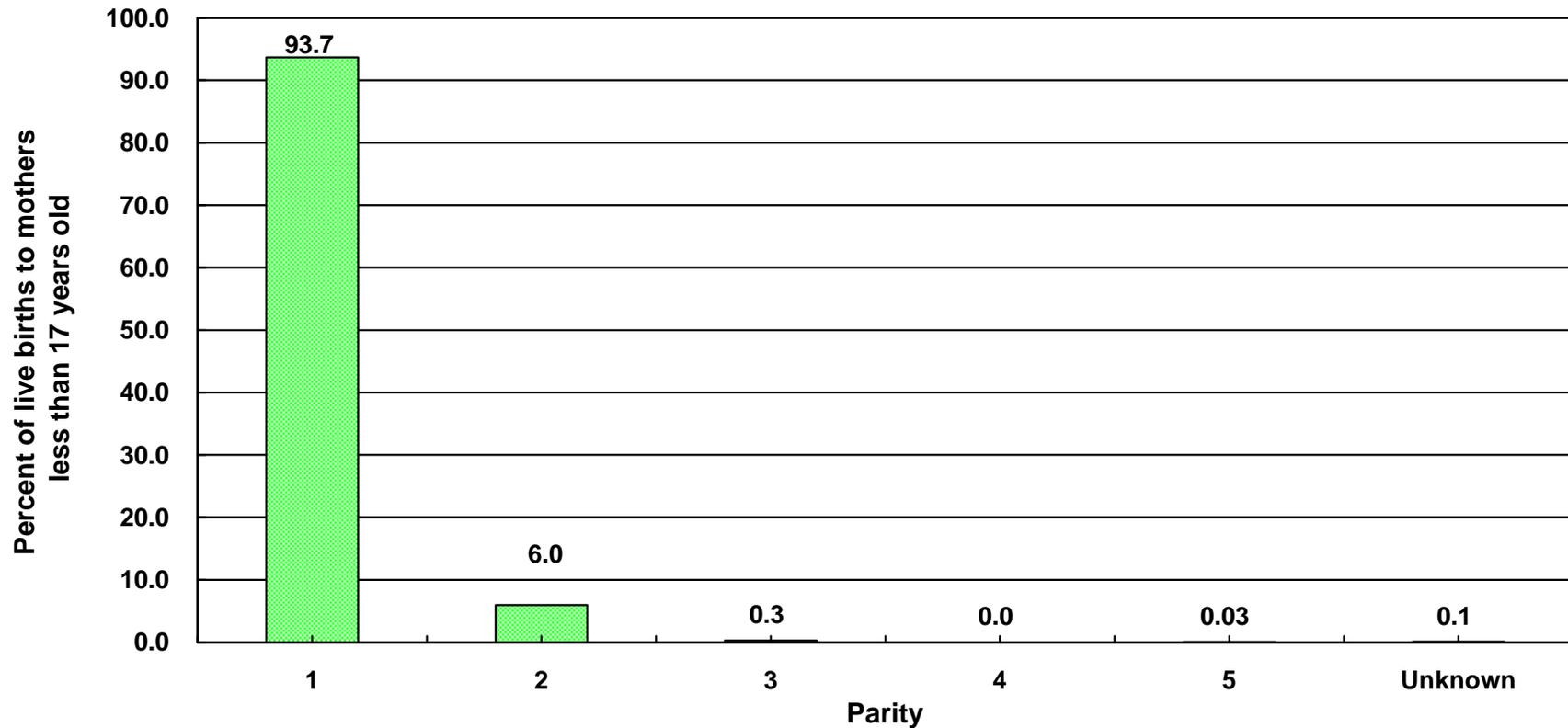


	Birthweight (grams)									
	<1,500		1,500-2,499		2,500-3,499		3,500-4,499		4,500+	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	38	2.08	220	2.66	1,858	2.16	875	1.48	17	0.73
<b>Total</b>	1,823	100.00	8,257	100.00	85,974	100.00	58,993	100.00	2,341	100.00

**Note:** Total live births in Los Angeles County in 2000 was 157,391

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

## Percent of Live Births to Mothers Less Than 17 Years Old by Parity Los Angeles County, 2000



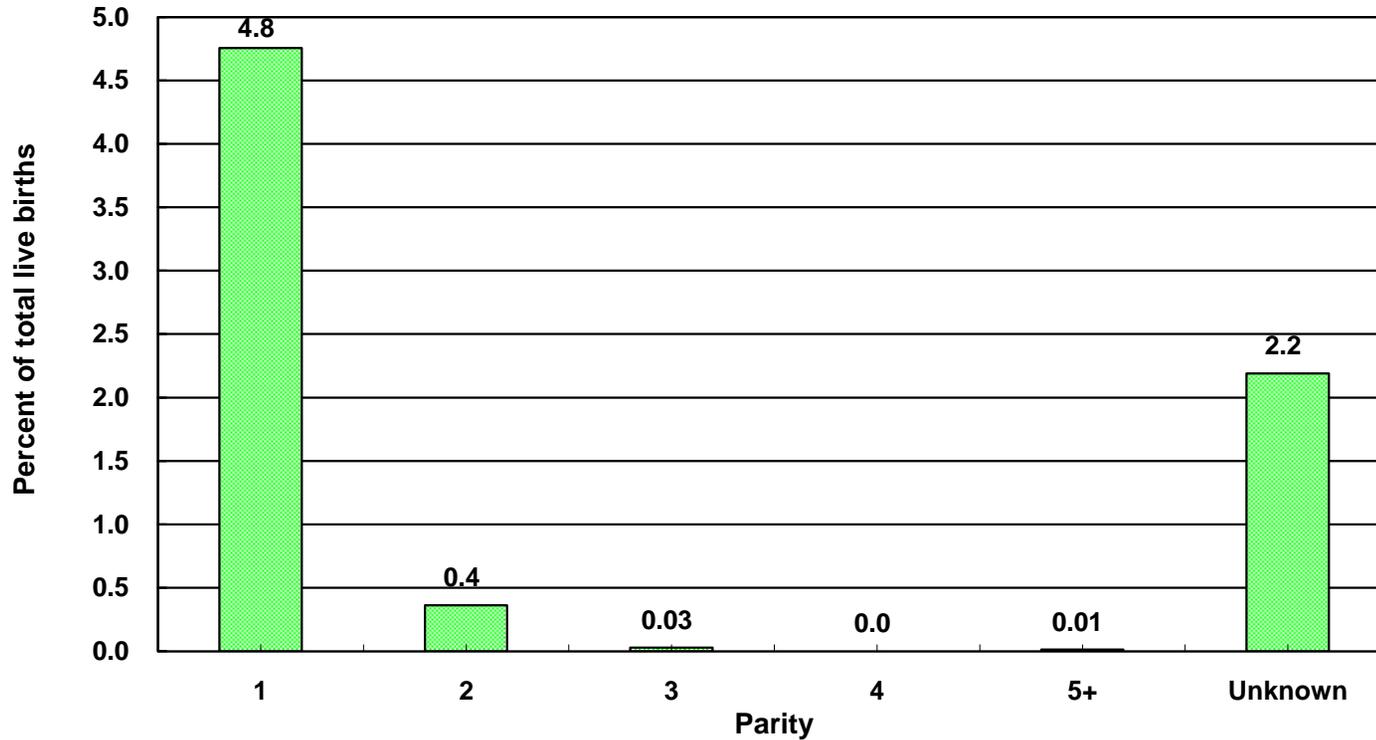
Parity										Unknown	
1		2		3		4		5+		Unknown	
Number	Percent	Number	Percent								
2,817	93.7	179	6.0	8	0.3	0	0.0	1	0.03	3	0.1

**Note:** Total live births to mothers less than 17 years old in Los Angeles County in 2000 was 3,008

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

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births, by Parity  
Los Angeles County, 2000**

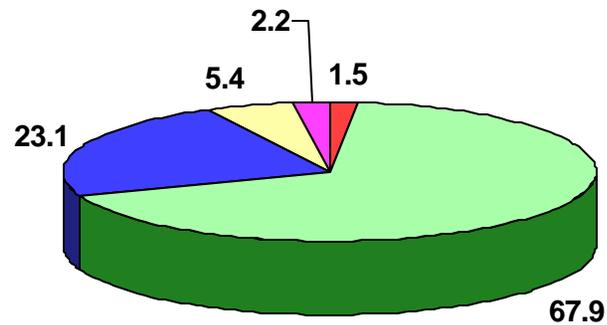


	Parity											
	1		2		3		4		5+		Unknown	
Age	Number	Percent	Number	Percent								
< 17	2,817	4.8	179	0.4	8	0.03	0	0.0	1	0.01	3	2.2
<b>Total</b>	59,219	100.0	49,352	100.0	28,265	100.0	12,187	100.0	8,231	100.0	137	100.0

**Note:** Total live births in Los Angeles County in 2000 was 157,391  
Parity = number of pregnancies resulting in live births to a woman

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births to Mothers Less Than 17 Years Old  
by Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2000**

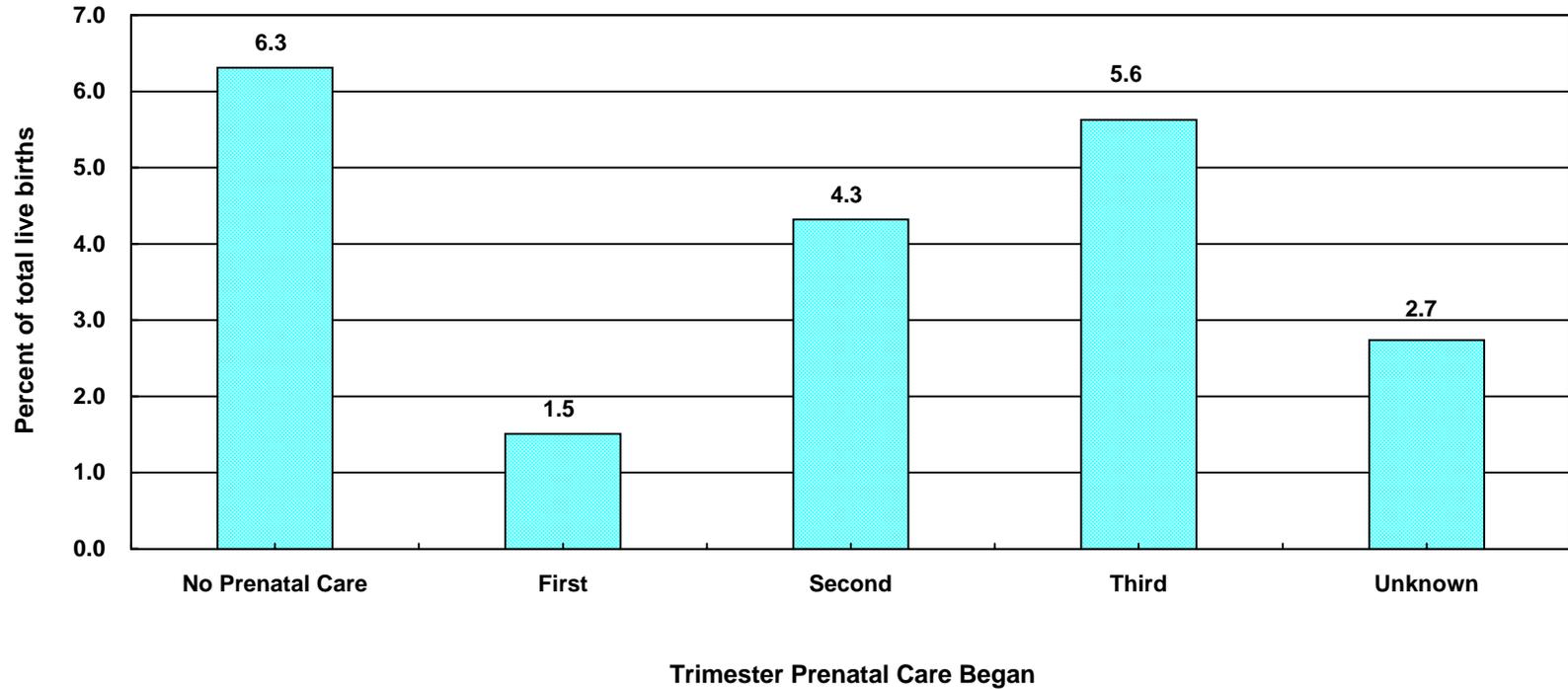


■ No Prenatal Care   
 ■ First   
 ■ Second   
 ■ Third   
 ■ Unknown

Trimester Prenatal Care Began									
No Prenatal Care		First		Second		Third		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
46	1.5	2,042	67.9	694	23.1	161	5.4	65	2.2

**Note:** Total live births to mothers less than 17 years old in Los Angeles County in 2000 was 3,008  
**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Live Births to Mothers Less Than 17 Years Old as  
Percent of Total Live Births by Trimester Prenatal Care (PNC) Began\*  
Los Angeles County, 2000**



	Trimester Prenatal Care Began									
	No Prenatal Care		First		Second		Third		Unknown	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	46	6.3	2,042	1.5	694	4.3	161	5.6	65	2.7
<b>Total</b>	729	100.00	135,356	100.00	16,069	100.00	2,862	100.00	2,375	100.00

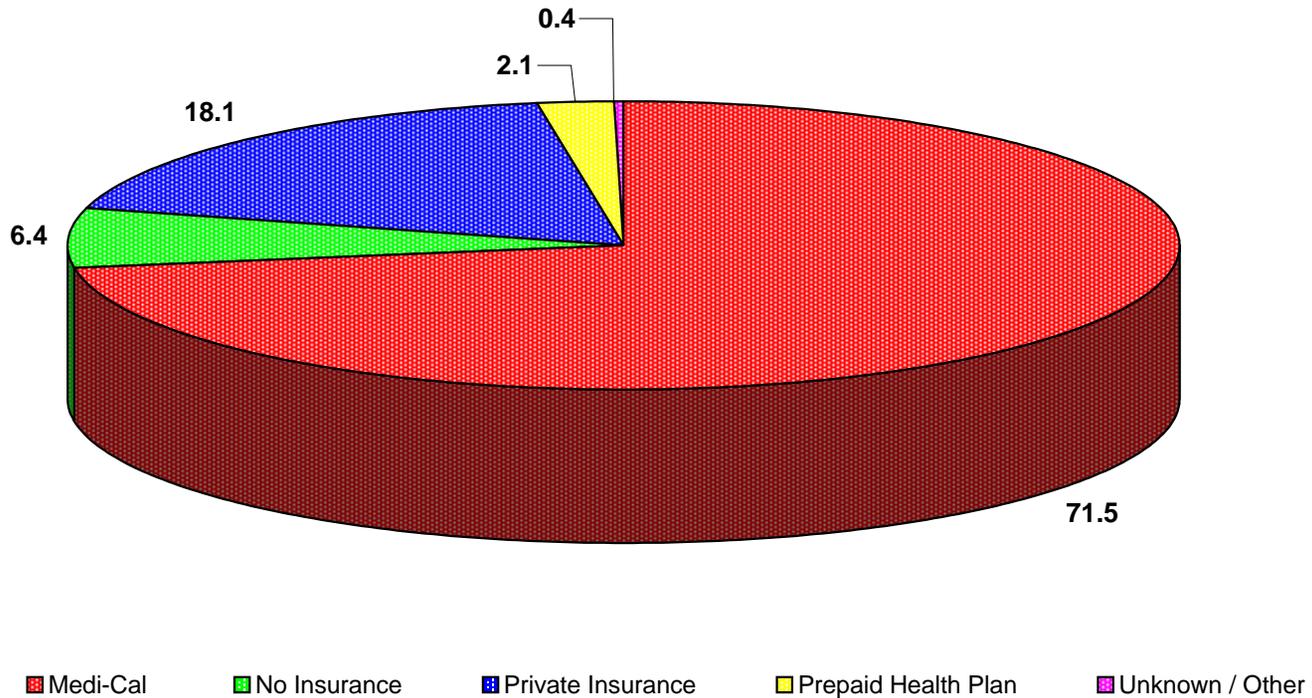
**Note:** Total live births in Los Angeles County in 2000 was 157,391

\* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Percent of Live Births to Mothers Less Than 17 Years Old  
by Payment Source for Prenatal Care (PNC\*)  
Los Angeles County, 2000**



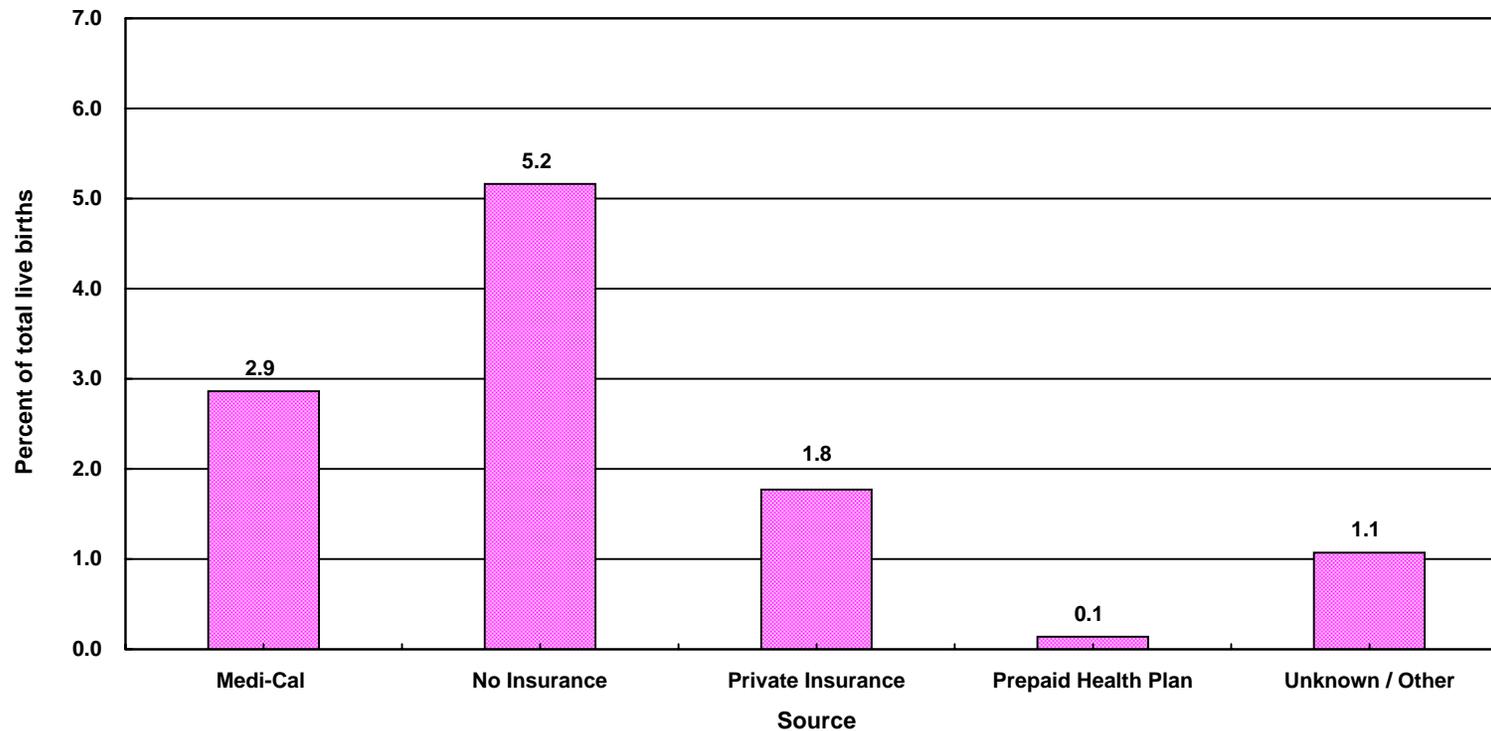
Source of Payment											
No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
46	1.5	2,151	71.5	193	6.4	543	18.1	64	2.1	11	0.4

**Note:** Total live births to mothers less than 17 years old in Los Angeles County in 2000 was 3,008

\* 'PNC' = Prenatal Care

**Source:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Live Births to Mothers Less Than 17 Years Old  
as Percent of Total Live Births by Payment Source for Prenatal Care (PNC\*)  
Los Angeles County, 2000**



Age	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
< 17	46	6.3	2,151	2.9	193	5.2	543	1.8	64	0.1	11	1.1
<b>Total</b>	729	100.0	75,181	100.0	3,738	100.0	30,699	100.0	46,015	100.0	1,029	100.0

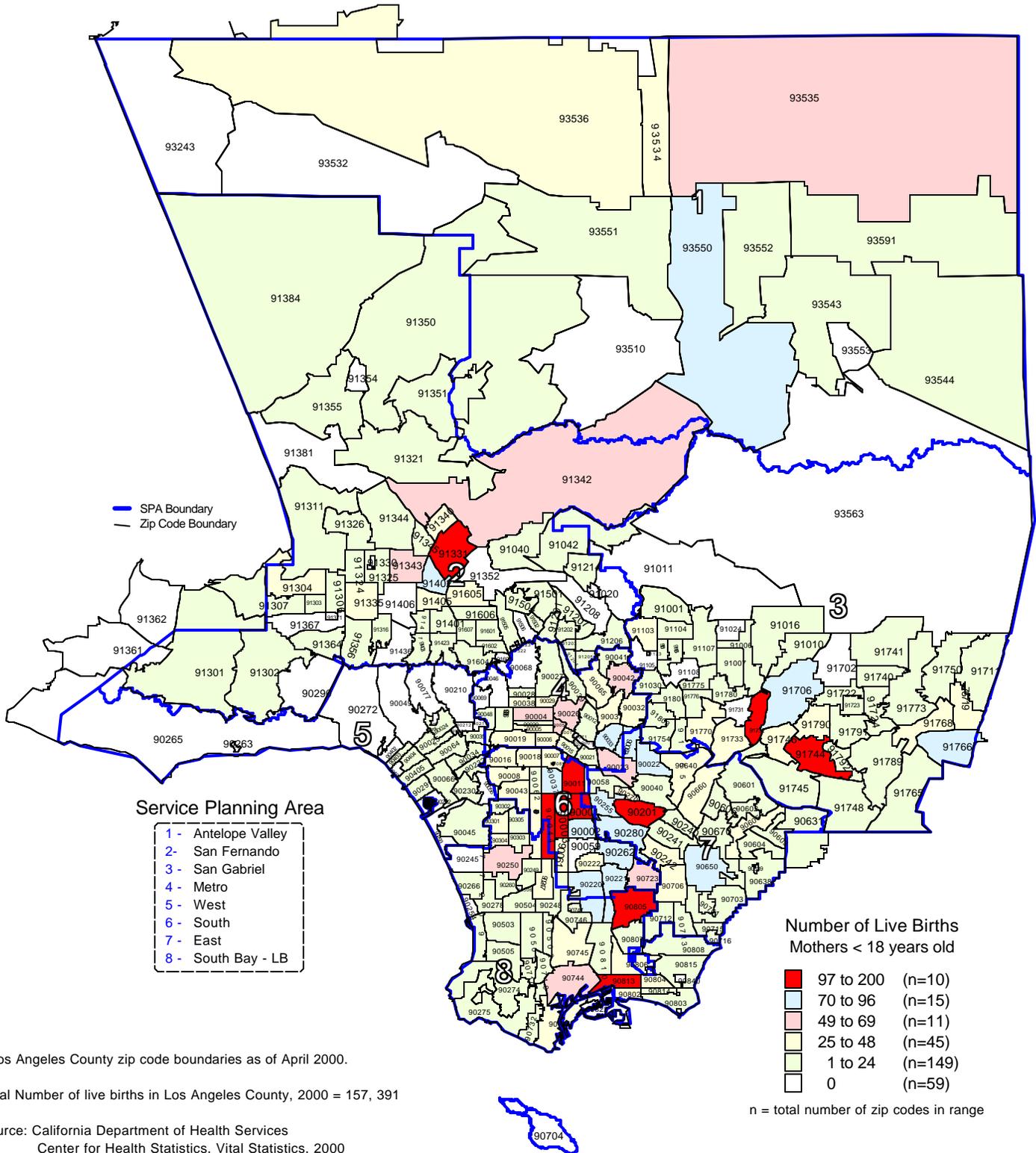
Note: Total live births in Los Angeles County in 2000 was 157,391

\* 'PNC' = Prenatal Care

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

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

Los Angeles County, 2000



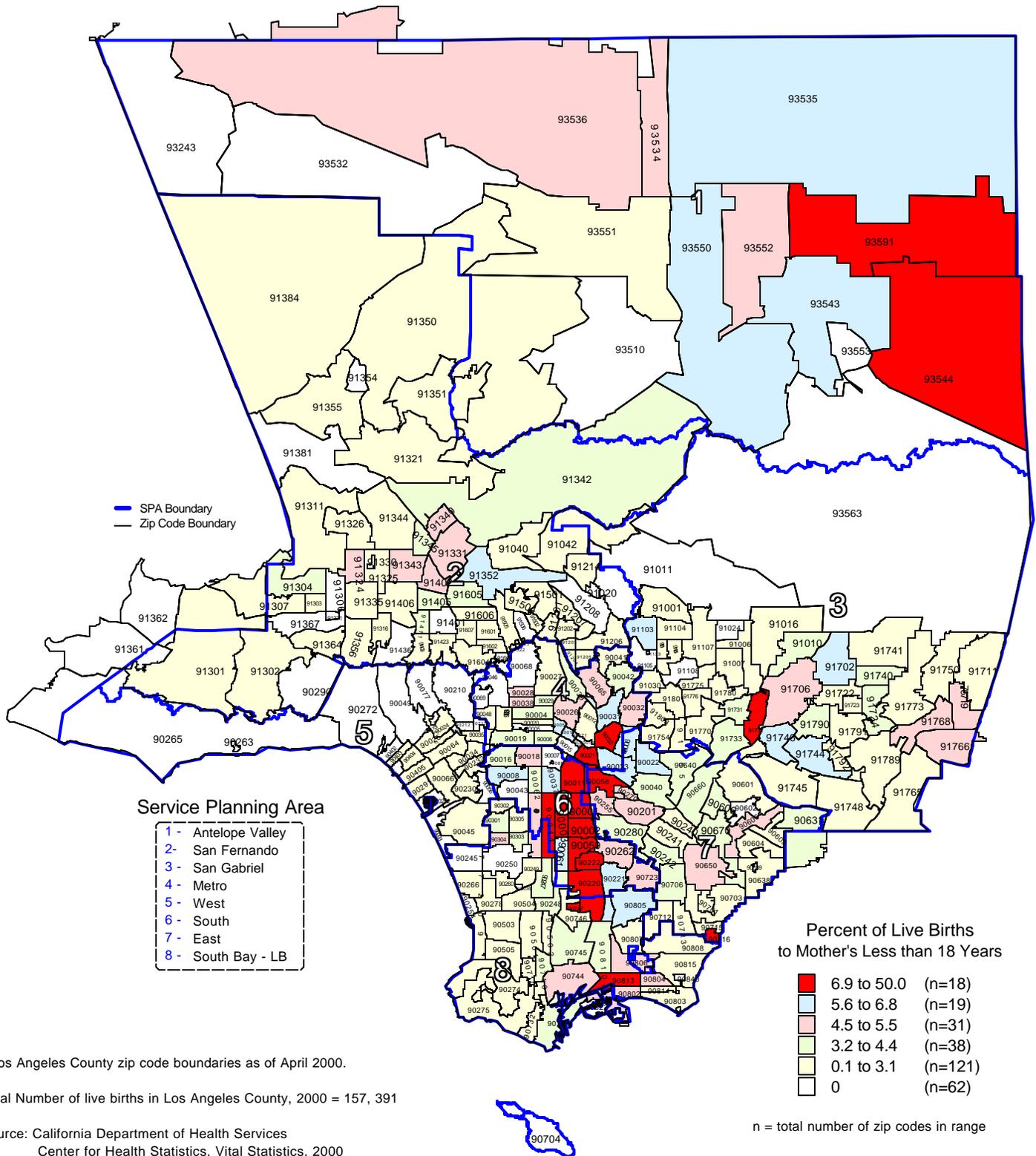
\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157, 391

Source: California Department of Health Services  
Center for Health Statistics, Vital Statistics, 2000

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

Los Angeles County, 2000



\* Los Angeles County zip code boundaries as of April 2000.

Total Number of live births in Los Angeles County, 2000 = 157,391

Source: California Department of Health Services  
Center for Health Statistics, Vital Statistics, 2000

n = total number of zip codes in range

# **MATERNAL HIV INFECTION**

## TITLE V INDICATOR TEMPLATES

**INDICATOR:** Maternal HIV infection

**DEFINITION:** The number of women with HIV infection per 10,000 live births\*

**NUMERATOR:** The number of HIV-positive women who delivered live-born infants as measured through the Center for Disease Control and Prevention (CDC) Anonymously Survey of Childbearing Women, (SCW), adjusted for survival period by county of occurrence, in a calendar year

**DENOMINATOR:** The total number of blood specimens tested through the CDC SCW, by county of occurrence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Confine the prevalence of HIV infection among women giving birth to live-born infants to no more than 100 per 100,000.  
(Baseline:150 per 100,000 in 1989) (Objective 18.2c)

**RISK FACTORS:** Young maternal age/teenage pregnancy; low income; race/ethnicity; substance use/abuse (IDU); addiction to crack cocaine; trading sex for drugs/money; transfusion; high risk/unsafe sexual practices (e.g., anal intercourse; multiple sexual partners; high risk sexual partners including injection drug users, HIV-infected, or homosexual contacts)

California Maternal HIV Infection					
Year	Number tested	Number HIV+	Rate (per 10,000)	Lower 95% CI	Upper 95% CI
1988-1990	430,586	299	6.9	6.2	7.7
1992	150,494	106	7.0	5.7	8.4
1994	143,095	105	7.3	5.9	8.7
1995	135,991	88	6.5	5.1	7.8

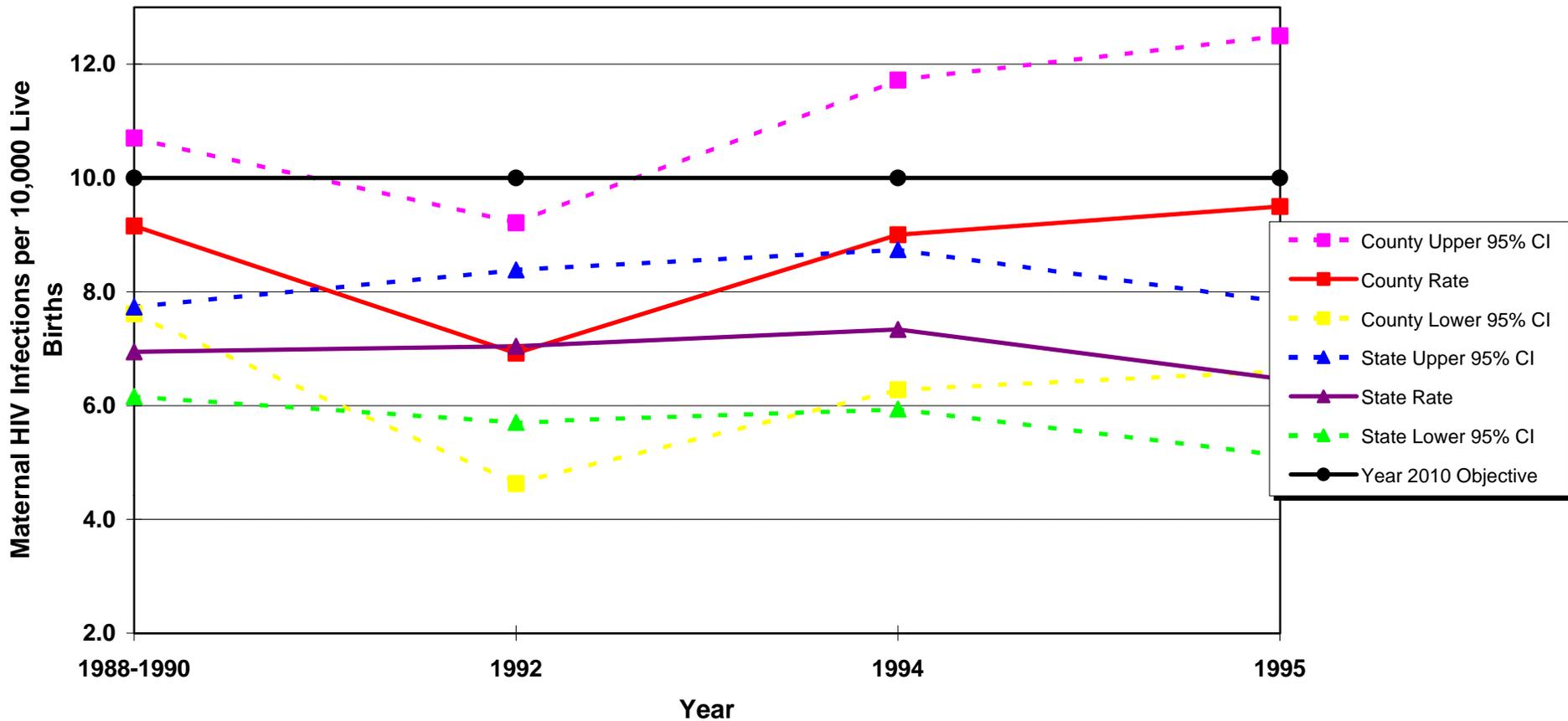
County Maternal HIV Infection					
Year	Number tested	Number HIV+	Rate (per 10,000)	Lower 95% CI	Upper 95% CI
1988-1990	147,411	135	9.2	7.6	10.7
1992	50,561	35	6.9	4.6	9.2
1994	46,667	42	9.0	6.3	11.7
1995	41,989	40	9.5	6.6	12.5

**Sources:** California Department of Health Services, Office of AIDS, HIV/AIDS Epidemiology Branch "California HIV/AIDS Update", 1992

California Department of Health Services, Office of AIDS, HIV/AIDS Epidemiology Branch "HIV Seroprevalence in CA Childbearing Women", 1995

**Note:** As estimated through the CDC Anonymously Survey in Childbearing Women (SCW) using leftover heel-stick blood taken from newborn infants in participating states.

## Maternal HIV Infection per 10,000 Live Births California vs. Los Angeles County 1988-1990 Average, 1992, 1994, 1995

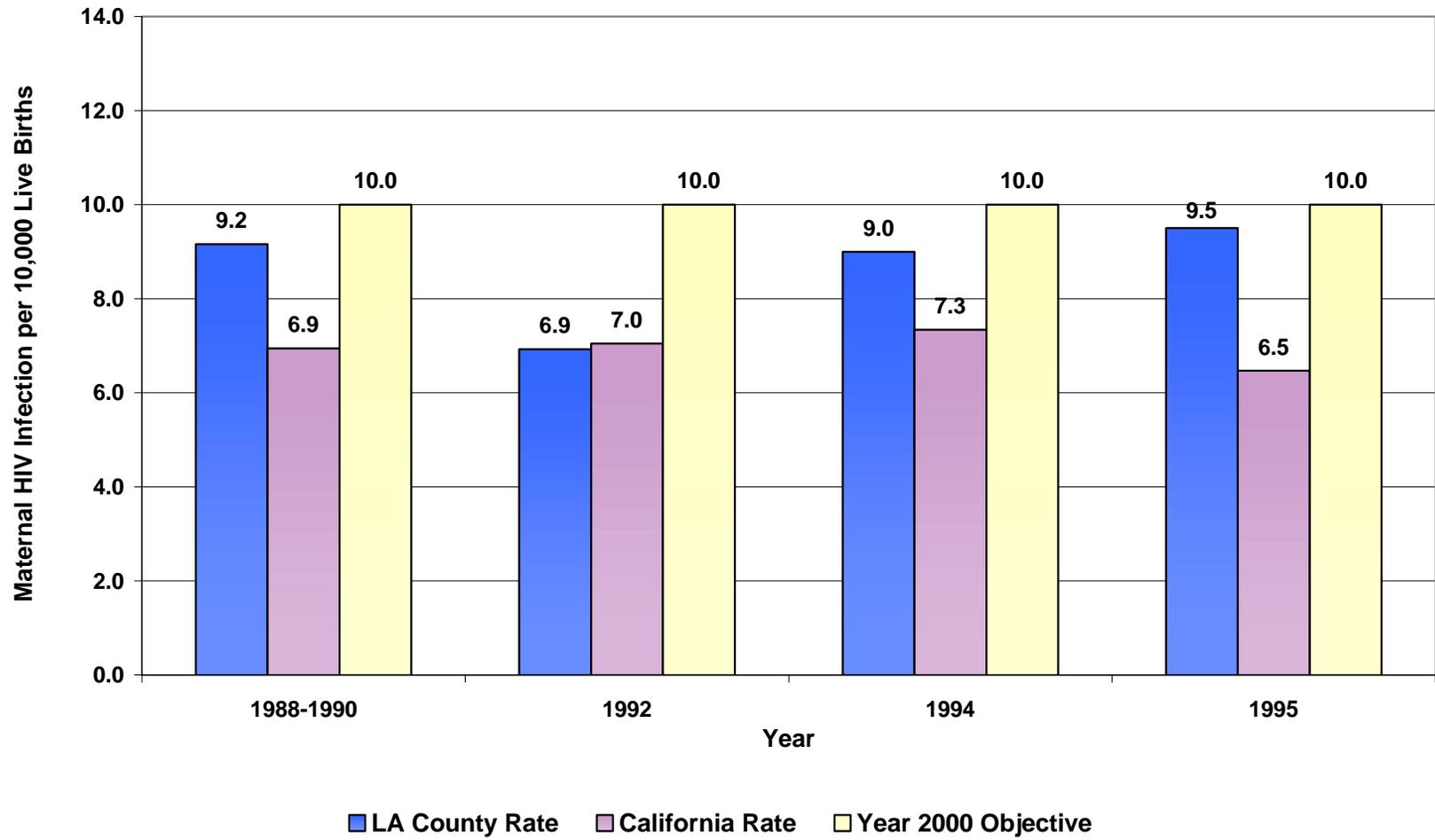


**Year 2010 Objective:** Confine the prevalence of HIV infection among women giving birth to live-births infants to no more than 100 per 100,000

**Note:** As estimated through the CDC Anonymous Survey in Childbearing Women (SCW) using leftover heel-stick blood taken from newborn infants in participating states.

**Sources:** California Department of Health Services, Office of AIDS, HIV/AIDS Epidemiology Branch, "California HIV/AIDS Update", 1992

**Maternal HIV Infection Per 10,000 Live Births  
California vs. Los Angeles County  
1988-1990 Average, 1992, 1994, 1995**



**Year 2000 Objective:** Confine the prevalence of HIV infection among women giving birth to live-births infants to no more than 100 per 100,000

**Note:** As estimated through the CDC Anonymous Survey in Childbearing Women (SCW) using leftover heel-stick blood taken from newborn infants in participating states.

**Sources:** California Department of Health Services, Office of AIDS, HIV/AIDS Epidemiology Branch, "California HIV/AIDS Update", 1992

# **BREAST FEEDING**

**TITLE V INDICATOR TEMPLATES**

**INDICATOR:** Percent of mothers who intend to exclusively breastfeed their infants at hospital discharge

**NUMERATOR:** Number of mothers who express their intent to exclusively breastfeed their infant at hospital discharge, by place of residence

**DENOMINATOR:** Total number of live births for whom the newborn genetic screening form is completed, by place of residence

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Increase to at least 75% the proportion of mothers who breast-feed their babies in the early post-partum period. (Objective 16-19)

**RISK FACTORS FOR NOT INTENDING TO BREASTFEED:**

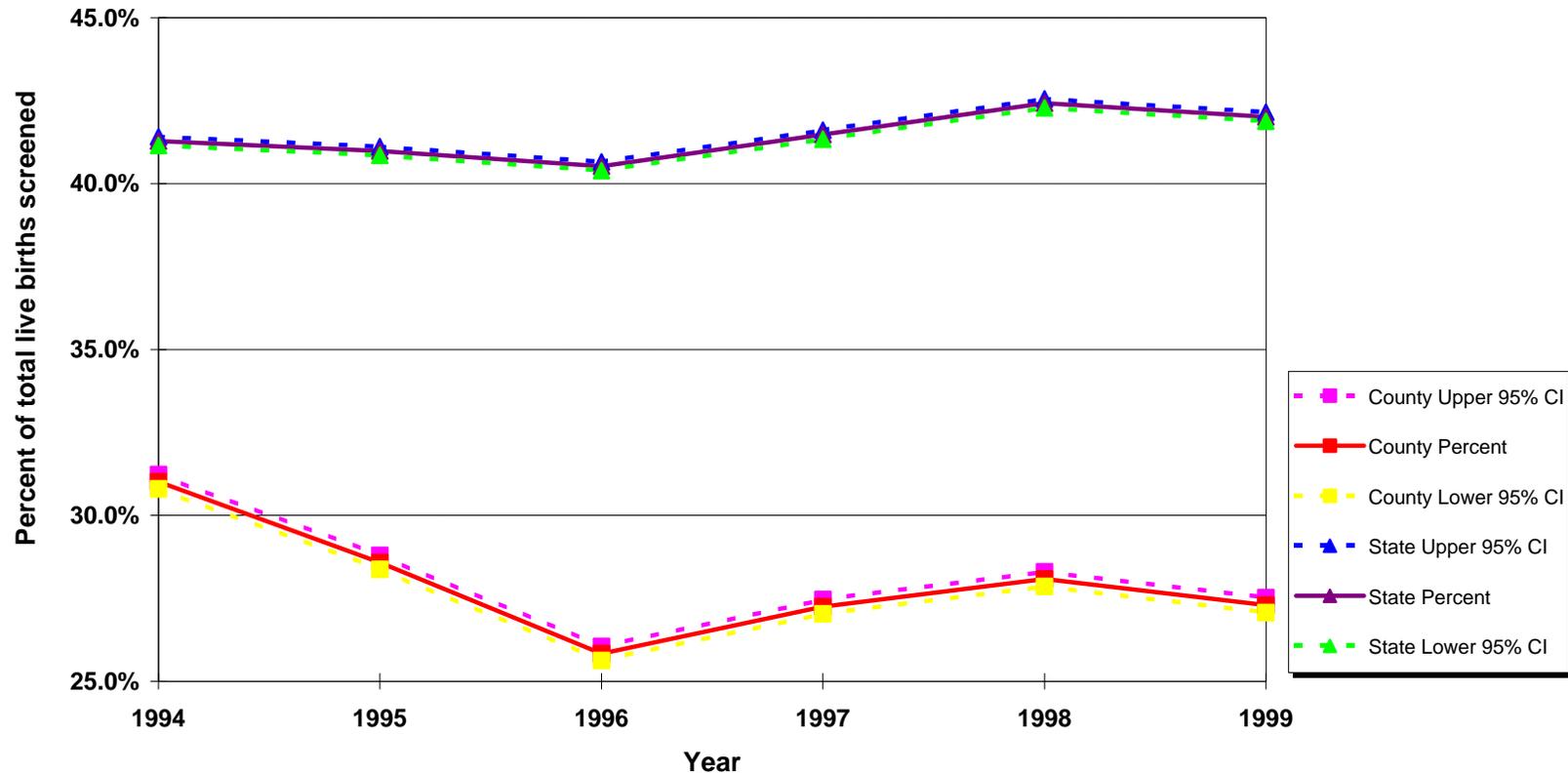
Working mothers, lack of prenatal care, lack of prenatal WIC services, lower maternal education level, low income, Southeast Asian ethnicity, black race, less than 20 years of age.

Year	California				LA County				DENOMINATOR: Newborns Screened	
	Number	Percent	95% Confidence Interval		Number	Percent	95% Confidence Interval			
			Lower	Upper			Lower	Upper	State	County
1994	228,343	41.3%	41.2%	41.4%	55,787	31.0%	30.8%	31.2%	553,102	179,870
1995	220,589	41.0%	40.8%	41.1%	49,775	28.6%	28.4%	28.8%	538,296	174,146
1996	213,959	40.5%	40.4%	40.7%	43,683	25.8%	25.6%	26.0%	528,033	169,077
1997	213,949	41.5%	41.3%	41.6%	44,300	27.2%	27.0%	27.5%	515,853	162,583
1998	218,116	42.4%	42.3%	42.6%	44,885	28.1%	27.9%	28.3%	514,167	159,853
1999	211,572	42.0%	41.9%	42.2%	42,299	27.3%	27.1%	27.5%	503,572	154,965

**Note:** These data represent in-hospital breastfeeding choices as indicated on the newborn screening form. The breastfeeding choices include: breastfed only, both formula & breastfed, breastfed only, non-breastfed and unknown. Between 1994 to 1999, the rates for any types of breastfeeding increased from 71% to 77%.

**Sources:** California Department of Health Services, Maternal and Child Health Branch, Epidemiology and Evaluation Section, "In-Hospital Breastfeeding Choices as Indicated on the Newborn Screening Form by Race/Ethnicity", California, 1994-1998  
 California Department of Health Services, Maternal and Child Health Branch, Epidemiology and Evaluation Section, "In-Hospital Breastfeeding as Indicated on the Newborn Screening Form by Race/Ethnicity", California, 1997-1999

## Percent of Mothers who Intend to Exclusively Breastfeed Their Infants at Hospital Discharge California vs. Los Angeles County 1994 - 1999



**Note:** These data represent in-hospital breastfeeding choices as indicated on the newborn screening form. The breastfeeding choices include: breastfed only, both formula & breastfed, breastfed only, non-breastfed and unknown. Between 1994 to 1999, the rates for any types of breastfeeding increased from 71% to 77%.

**Source:** California Department of Health Services, Maternal and Child Health Branch, Epidemiology and Evaluation Section, "In-Hospital Breastfeeding Choices as Indicated on the Newborn Screening Form by Race/Ethnicity", California, 1994-1998  
California Department of Health Services, Maternal and Child Health Branch, Epidemiology and Evaluation Section, "In-Hospital Breastfeeding as Indicated on the Newborn Screening Form by Race/Ethnicity", California, 1997-1999

# **DOMESTIC VIOLENCE**

**DOMESTIC VIOLENCE TEMPLATES**

**INDICATOR:** Hospitalizations of females ages 13 and older due to assaultive injuries by spouse or partner

**DEFINITION:** The rate of hospitalizations due to assaultive injuries by spouse or partner (E967.3) per 100,000 females (13 and older)

**NUMERATOR:** Total number of women (13 and over) hospitalized due to assaultive injuries by spouse or partner (E967.3) by place of residence, in a calendar year

**DENOMINATOR:** Total female population (13 and older), by place of residence, in a calendar year

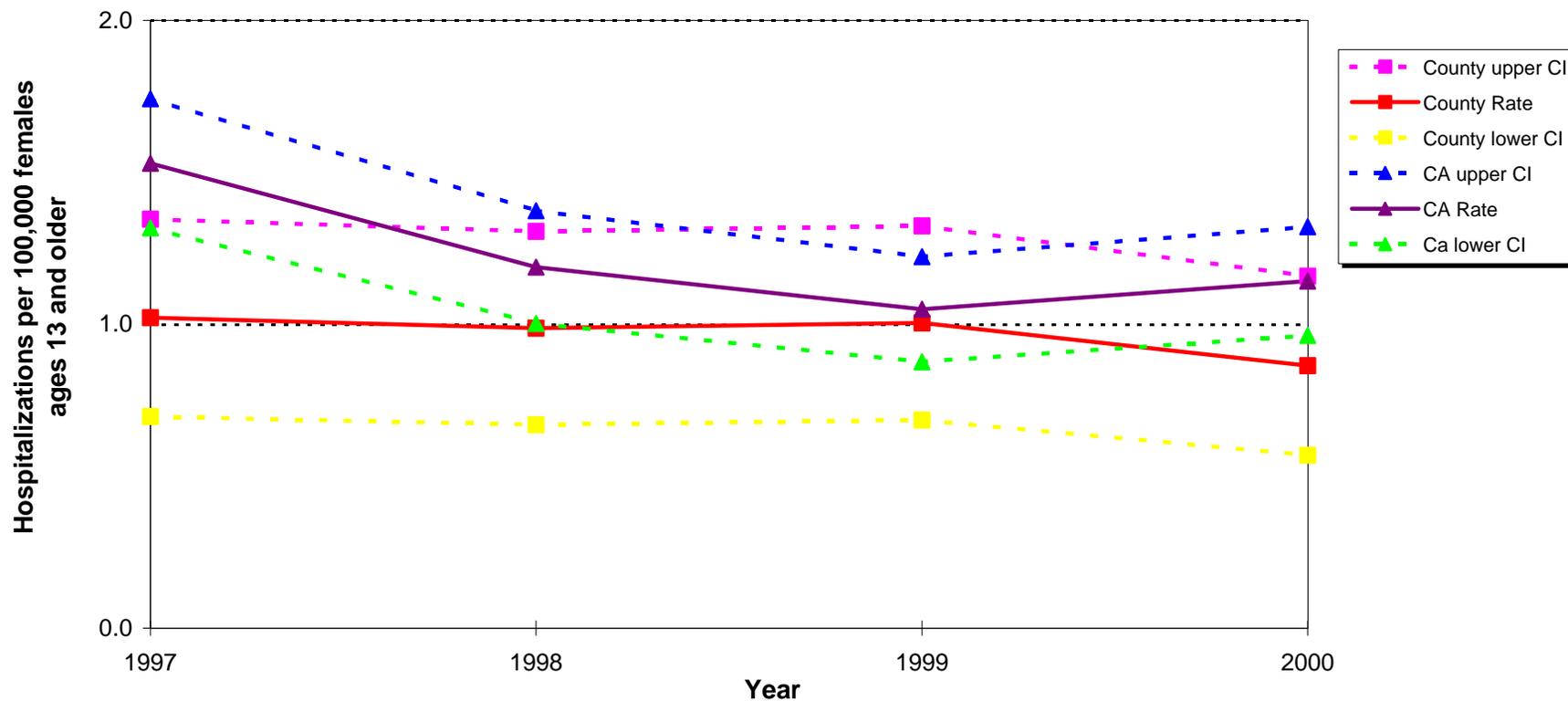
**HEALTHY PEOPLE 2010 OBJECTIVE:**  
None

**Domestic Violence: Hospitalizations due to violent injuries among adult females (ages 13 and older)**

	California				LA County				DENOMINATOR:	
			95% Confidence Interval				95% Confidence Interval			
Year	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper	State	County
1997	199	1.5	1.3	1.7	38	1.0	0.7	1.3	13,009,445	3,720,195
1998	157	1.2	1.0	1.4	37	1.0	0.7	1.3	13,214,314	3,748,177
1999	141	1.0	0.9	1.2	38	1.0	0.7	1.3	13,435,869	3,783,364
2000	156	1.1	1.0	1.3	33	0.9	0.6	1.2	13,660,795	3,821,287

**Source:** California Department of Health Services, Epidemiology and Prevention for Injury Control Branch, Injury Surveillance and Epidemiology Section,  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"  
Sacramento, California, December 1998

## Hospitalizations per 100,000 Females Ages 13 and older Due to Assaultive Injuries by Spouse or Partner California vs. Los Angeles County, 1997 - 2000



**Source:** California Department of Health Services, Injury Surveillance and Epidemiology Section, Epidemiology and Prevention for Injury Control Branch  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

**DOMESTIC VIOLENCE TEMPLATES**

**INDICATOR:** Deaths due to assaultive injuries (homicides) among adolescent and adult females ages 10-44

**DEFINITION:** The three year average rate per 100,000 females (ages 10-44) of deaths due to homicide (E-Codes 960.0-969.9)

**NUMERATOR:** The number of deaths due to homicide among females (ages 10-44), by place of residence (three year average)

**DENOMINATOR:** The total female population ages 10 through 44 for the middle year of the three year time period of interest

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce homicides to no more than 3.2 per 100,000 people (Objective 15-32) - (includes all age groups)

**RISK FACTORS:** Low income: gender (male); age (teens, young adults); race/ethnicity (Black, Hispanic); history of abuse (victim of spousal/intimate, or child abuse) easy access to firearms; presence of firearms at home.

**Domestic Violence: Deaths due to homicide among females (10-44 years)**

	California				LA County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
Three Year Average	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990-1992	490	5.9	5.4	6.4	209	8.3	7.2	9.4
1991-1993	511	6.1	5.6	6.7	214	8.5	7.4	9.7
1992-1994	475	5.7	5.2	6.2	191	7.7	6.6	8.8
1993-1995	459	5.5	5.0	6.0	174	7.0	6.0	8.1
1994-1996	387	4.6	4.2	5.1	146	5.9	5.0	6.9
1995-1997	350	4.2	3.8	4.6	129	5.3	4.4	6.2
1996-1998	384	4.6	4.1	5.0	143	5.8	4.9	6.8
1997-1999	277	3.3	2.9	3.7	96	3.9	3.1	4.7

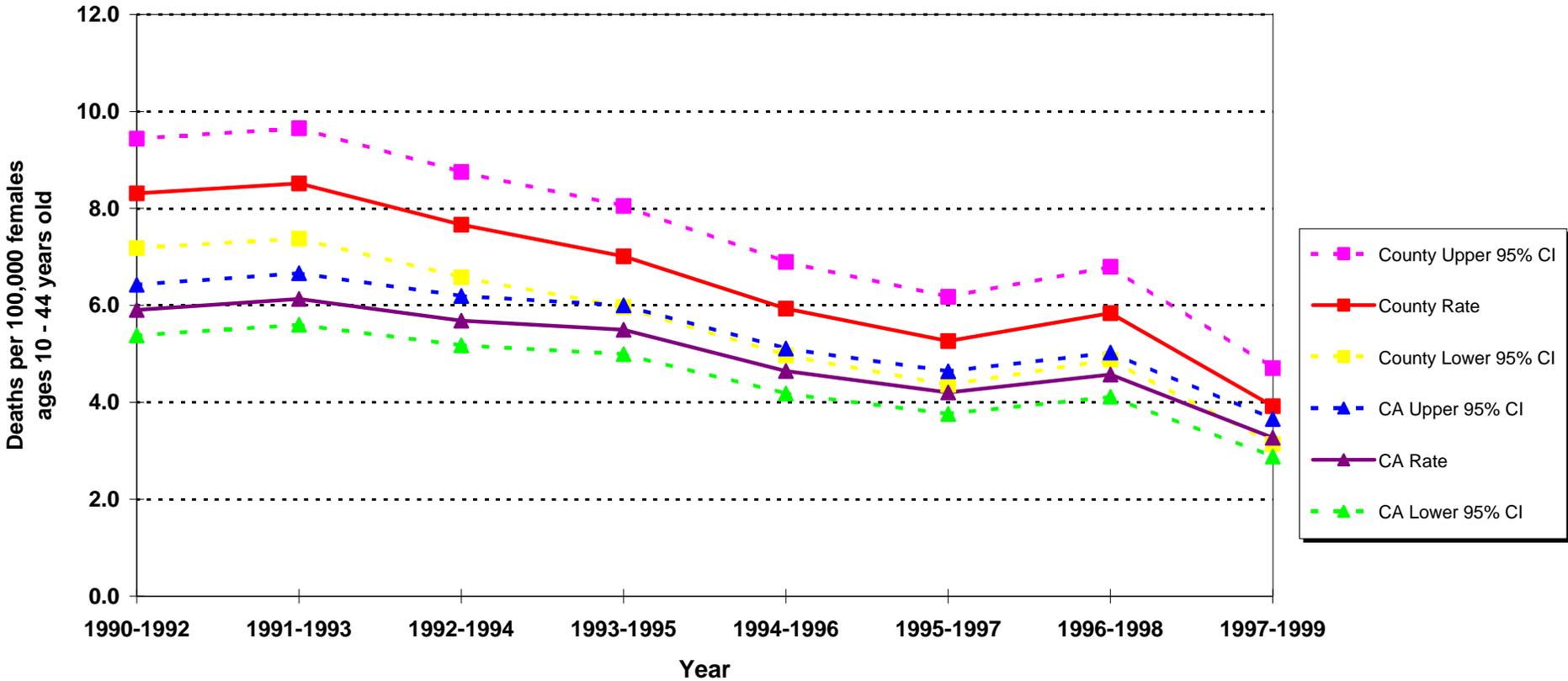
DENOMINATOR: Total females ages 10-44		
Year	State	County
1990	8,186,887	2,492,010
1991	8,299,112	2,510,040
1992	8,327,630	2,516,916
1993	8,362,073	2,495,601
1994	8,344,900	2,482,258
1995	8,325,150	2,461,412
1996	8,323,308	2,443,075
1997	8,406,870	2,454,227
1998	8,475,728	2,455,753
1999	8,644,567	2,470,924

NUMERATOR: homicides to females ages 10-44		
Year	State	County
1990	477	208
1991	514	211
1992	479	207
1993	539	225
1994	408	142
1995	429	155
1996	323	141
1997	297	90
1998	280	112
1999	253	87

**Note:** Because there is no domestic violence-specific external cause of injury (E-Code) in the current international Classification of Diseases, 9th Revision (ICD-9) clinical modification coding, the numerator in this template reflects deaths due to all types of assaults (E960-E969)

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-1999  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

**Deaths Due to Assaultive Injuries (Homicides)  
per 100,000 Females Ages 10 - 44  
California vs. Los Angeles County  
Three-Year Averages 1990-1999**



**Note:** Because there is no domestic violence-specific external cause of injury (E-Code) in the current International Classification of Diseases, 9th Revision (ICD-9) clinical modification coding, the numerator in this template reflects deaths due to all types of assaults (E960-E969).

**Sources:** California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-1999  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

**DOMESTIC VIOLENCE**

**INDICATOR:** Domestic violence-related calls for assistance

**DEFINITION:** The rate per 1,000 adult population (18 and older) of domestic violence calls to law enforcement agencies

**NUMERATOR:** Total domestic violence-related calls for assistance to law enforcement agencies by county in a calendar year

**DENOMINATOR:** Total adult population (18 yrs. and older) in a county in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**  
Reduce physical violence directed at women by male partners to no more than 27 per 1,000 couples (Objective 7.5)

**Domestic violence-related calls for assistance in the adult population (ages 18 and older)**

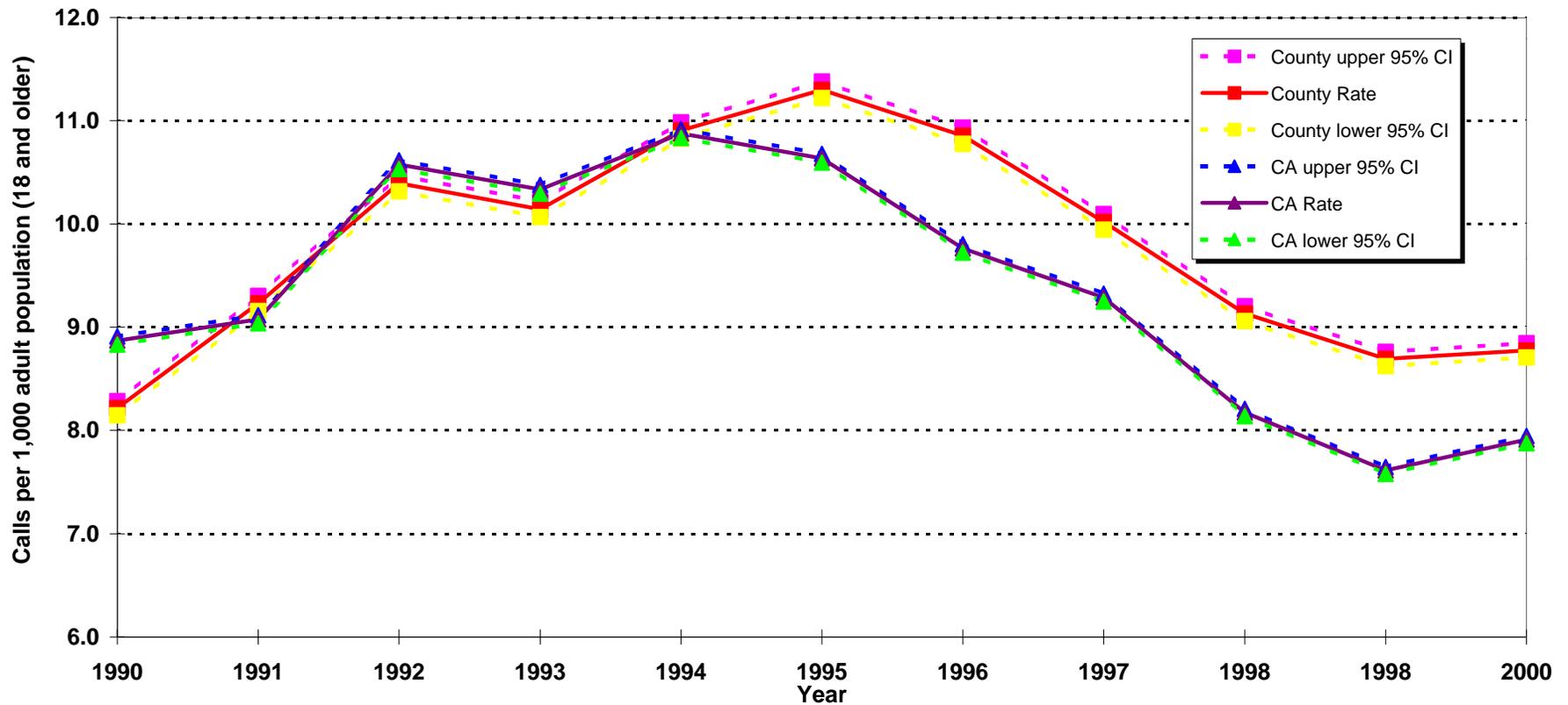
Year	California				LA County			
	Number of calls	Rate	95% Confidence Interval		Number of calls	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1990	195,819	8.9	8.8	8.9	53,743	8.2	8.1	8.3
1991	203,630	9.1	9.0	9.1	61,069	9.2	9.2	9.3
1992	240,826	10.6	10.5	10.6	69,437	10.4	10.3	10.5
1993	236,895	10.3	10.3	10.4	67,732	10.1	10.1	10.2
1994	250,439	10.9	10.8	10.9	72,991	10.9	10.8	11.0
1995	246,315	10.6	10.6	10.7	75,639	11.3	11.2	11.4
1996	227,899	9.8	9.7	9.8	72,725	10.9	10.8	10.9
1997	220,156	9.3	9.2	9.3	67,805	10.0	9.9	10.1
1998	196,832	8.2	8.1	8.2	62,278	9.1	9.1	9.2
1999	186,406	7.6	7.6	7.6	59,834	8.7	8.6	8.8
2000	196,880	7.9	7.9	7.9	60,960	8.8	8.7	8.8

DENOMINATOR: Total adult population (18 and older)	
State	County
22,073,265	6,540,863
22,434,634	6,615,683
22,771,850	6,680,728
22,919,730	6,678,592
23,027,636	6,692,649
23,158,473	6,693,906
23,340,409	6,699,792
23,705,548	6,766,759
24,080,238	6,819,775
24,485,146	6,882,636
24,882,708	6,946,009

**Note:** Currently, there is no standard definition of or reporting system for domestic violence. Domestic violence is a complex issue involving many social and psychological forces. Therefore, reliance on a single indicator does not present a complete picture of the problem. To begin addressing these barriers, it is important to identify the existing data sources and understand their advantages and limitations. Local police jurisdictions' mandated reporting on "domestic violence-related calls for assistance" is one data source commonly used to describe the frequency of domestic violence in California, because it is population-based and easily accessible. However, these data only illustrate local law enforcement practices and response to domestic violence calls and are not an adequate source for measuring either the prevalence or incidence of domestic violence injuries.

**Sources:** California Department of Justice, Division of Law Enforcement, Law Enforcement Information Center Special Report, "Total Domestic Violence Calls Received by Type of Weapon, by County, 1990-1997", California Department of Justice, Criminal Justice Statistics Center, Criminal Justice Profiles 1998-2000  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

## Domestic Violence Calls to Law Enforcement Agencies per 1,000 Adult Population Ages 18 and Older California vs. Los Angeles County, 1990 - 2000



**Sources:** California Department of Justice, Division of Law Enforcement, Law Enforcement Information Center Special Report, "Total Domestic Violence Calls Received by Type of Weapon, by County, 1990-1997", California Department of Justice, Criminal Justice Statistics Center, Criminal Justice Profiles 1998-2000  
Denominator data: California Department of Finance, "1970-2040 Race/Ethnic Population Estimates for Counties with Age and Gender Detail", Sacramento, California, 2000

**DOMESTIC VIOLENCE**

**INDICATOR:** Domestic violence-related calls for assistance:  
Proportion of cases with weapons

**DEFINITION:** The number and proportion of domestic violence-related calls to law enforcement agencies that involved weapons

**NUMERATOR:** Number of domestic violence-related calls with weapons

**DENOMINATOR:** Total number of domestic violence-related calls to law enforcement agencies

**HEALTHY PEOPLE 2010 OBJECTIVE:** None

**Domestic violence-related calls for assistance: Cases with weapons**

Year	LA County						
	Domestic violence-related calls for assistance			Number by type of weapon			
	Number of calls	Proportion (%)	Number with weapons	Firearm	Knife / or Cutting Instrument	Other dangerous weapon	Hands, Fist, Feet, Etc.
1990	53,743	78.4%	42,138	953	2,118	3,521	31,257
1991	61,069	77.2%	47,173	1,578	2,337	4,184	39,074
1992	69,437	76.1%	52,830	1,413	2,711	5,453	43,253
1993	67,732	76.5%	51,809	1,418	2,612	5,507	42,272
1994	72,991	75.6%	55,203	1,371	2,634	6,058	45,140
1995	75,639	74.2%	56,129	1,178	2,573	6,035	46,343
1996	72,725	72.5%	52,729	958	2,474	6,168	43,129
1997	67,805	71.6%	48,559	781	2,122	5,558	40,098
1998	62,278	70.0%	43,619	622	1,852	5,055	36,090
1999	59,834	71.2%	42,573	612	1,706	5,034	35,221
2000	60,960	72.2%	44,029	682	1,846	5,568	35,933

**Sources:** California Department of Justice, Division of Law Enforcement, Law Enforcement Information Center Special Report, "Total Domestic Violence Calls Received by Type of Weapon, by County, 1990-1997",  
California Department of Justice, Criminal Justice Statistics Center, Criminal Justice Profiles 1998-2000  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

**DOMESTIC VIOLENCE**

**INDICATOR:** Domestic Violence: Arrest rate for spousal abuse

**DEFINITION:** The rate per 1,000 adult population (18 and older) of arrest for domestic violence incidents

**NUMERATOR:** The total number of arrests for spousal abuse (violation of Penal Code Section 273.5, male and female perpetrators) by region, in a calendar year

**DENOMINATOR:** Total adult population, by place of residence in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:** None

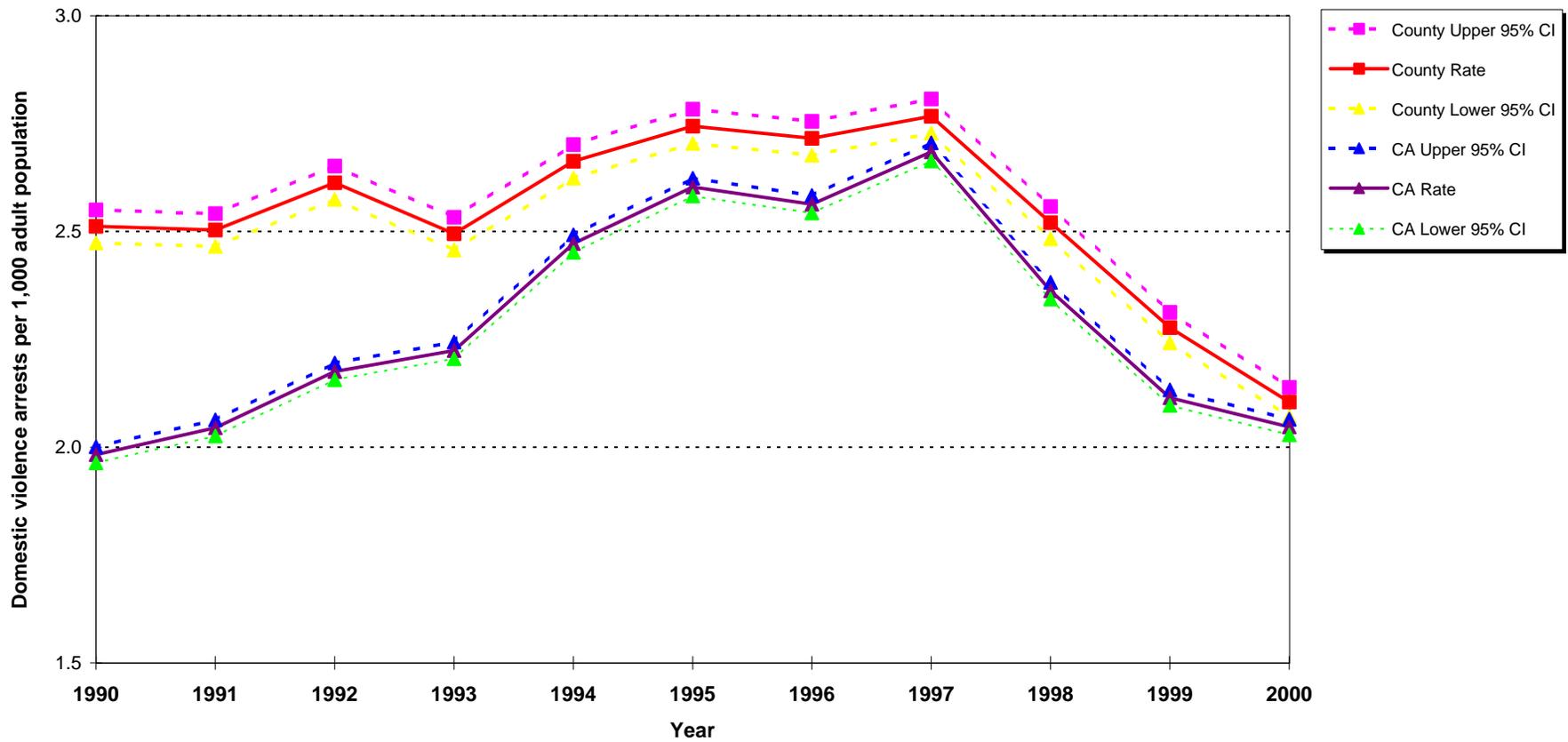
**Domestic Violence: Arrests for spousal abuse**

Year	California						LA County					
	Total	Male	Female	Rate	Lower 95% CI	Upper 95% CI	Total	Male	Female	Rate	Lower 95% CI	Upper 95% CI
1990	43,760	40,905	2,855	2.0	2.0	2.0	16,430	15,362	1,068	2.5	2.5	2.6
1991	45,877	42,318	3,359	2.0	2.0	2.1	16,562	15,337	1,225	2.5	2.5	2.5
1992	49,547	45,349	4,198	2.2	2.2	2.2	17,455	15,978	1,479	2.6	2.6	2.7
1993	50,982	46,063	4,919	2.2	2.2	2.2	16,663	14,983	1,680	2.5	2.5	2.5
1994	56,919	50,473	6,446	2.5	2.5	2.5	17,820	15,778	2,042	2.7	2.6	2.7
1995	60,279	52,394	7,885	2.6	2.6	2.6	18,369	15,945	2,424	2.7	2.7	2.8
1996	59,828	51,219	8,609	2.6	2.5	2.6	18,197	15,639	2,558	2.7	2.7	2.8
1997	63,636	53,778	9,858	2.7	2.7	2.7	18,726	15,819	2,907	2.8	2.7	2.8
1998	56,892	47,519	9,373	2.4	2.3	2.4	17,190	14,330	2,860	2.5	2.5	2.6
1999	51,782	42,874	8,908	2.1	2.1	2.1	15,673	12,959	2,714	2.3	2.2	2.3
2000	50,928	41,680	9,248	2.0	2.0	2.1	14,620	11,852	2,768	2.1	2.1	2.1

DENOMINATOR:	
State	County
22,073,265	6,540,863
22,434,634	6,615,683
22,771,850	6,680,728
22,919,730	6,678,592
23,027,636	6,692,649
23,158,473	6,693,906
23,340,409	6,699,792
23,705,548	6,766,759
24,080,238	6,819,775
24,485,146	6,882,636
24,882,708	6,946,009

**Sources:** California Department of Justice, Criminal Justice Statistics Center  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

### Domestic Violence Arrests per 1,000 Adult Population Ages 18 and Older California vs. Los Angeles County, 1990 - 2000

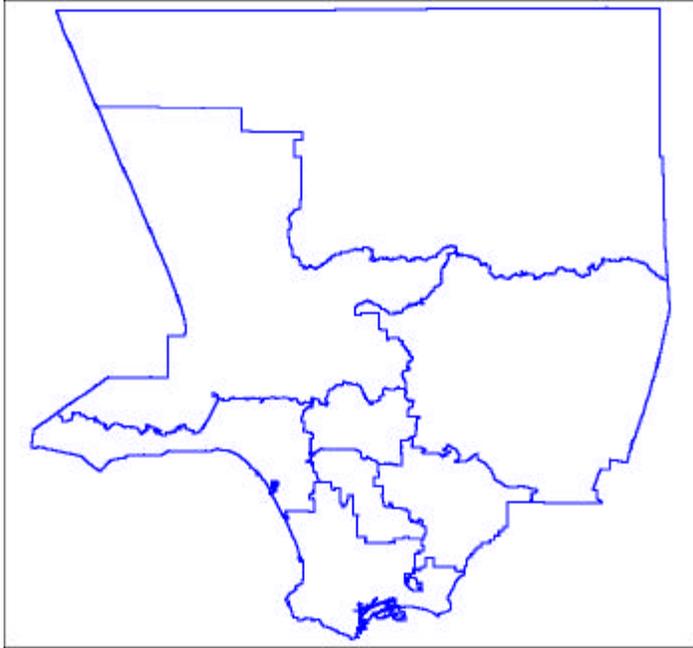


**Source:** California Department of Justice, Criminal Justice Statistics Center  
Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

# **SPECIAL REPORTS**

# Maternal, Child, and Adolescent Health Programs Selected Perinatal Health Indicators Los Angeles County, 2000

## Service Planning Area (SPA)



### First Trimester Onset of Prenatal Care (PNC)<sup>6</sup> by Mother's Race/Ethnicity

	Number	Live Births	Percent
First Trimester Care	135,356	157,391	86.0
African American	11,220	13,468	83.3
Asian/PI	14,694	16,401	89.6
Hispanic	81,941	97,719	83.9
White	26,937	29,094	92.6
Other/Unknown	564	709	79.5

### Live Births by Mother's Race/Ethnicity

	Number	Total Population	Birth Rate <sup>1</sup>
Total	157,391	9,846,713	16.0
African American	13,468	841,011	16.0
Asian/PI	16,401	1,215,366	13.5
Hispanic	97,719	4,501,790	21.7
White	29,094	3,221,826	9.0
Other/Unknown	709	66,720	10.6

### Live Births Among Teen Girls aged 15-19 by Mother's Race/Ethnicity

	Number	Population	Fertility Rate <sup>2</sup>
Total	16,608	327,086	50.8
African American	1,896	30,361	62.4
Asian/PI	401	39,250	10.2
Hispanic	13,110	175,780	74.6
White	1,136	79,347	14.3
Other/Unknown	65	2,348	27.7

### Low Birthweight(LBW)<sup>4</sup> Births by Mother's Race/Ethnicity

	Number	Live Births	Percent
Total	10,080	157,391	6.4
African American	1,616	13,468	12.0
Asian/PI	1,095	16,401	6.7
Hispanic	5,478	97,719	5.6
White	1,827	29,094	6.3
Other/Unknown	64	709	9.0

### Source of Payment for Prenatal Care (PNC)<sup>5</sup>

	Number	Live Births	Percent
Total	156,662	156,662	100.0
Medi-Cal	75,181	156,662	48.0
Prepaid	46,015	156,662	29.4
Private	30,699	156,662	19.6
No Insurance	3,738	156,662	2.4
Other/Unknown	1,029	156,662	0.7

### Infant Deaths (< 365 days of age) by Gender\* and Race/Ethnicity

	Number	Live Births	Rate <sup>7</sup>
Total	777	157,391	4.9
Gender			
Male	422	80,595	5.2
Female	355	76,794	4.6
Race/Ethnicity			
African American	172	13,468	12.8
Asian/PI	38	16,401	2.3
Hispanic	426	97,719	4.4
White	131	29,094	4.5
Other/Unknown	3	709	4.2

### Fetal Deaths (> or = 20wks) by Gender\* and Race/Ethnicity

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
Total	864	158,255	5.5
Gender			
Male	440	81,035	5.4
Female	420	77,214	5.4
Race/Ethnicity			
African American	129	13,597	9.5
Asian/PI	56	16,457	3.4
Hispanic	504	98,223	5.1
White	165	29,259	5.6
Other/Unknown	10	719	13.9

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

Footnotes:

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=729)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

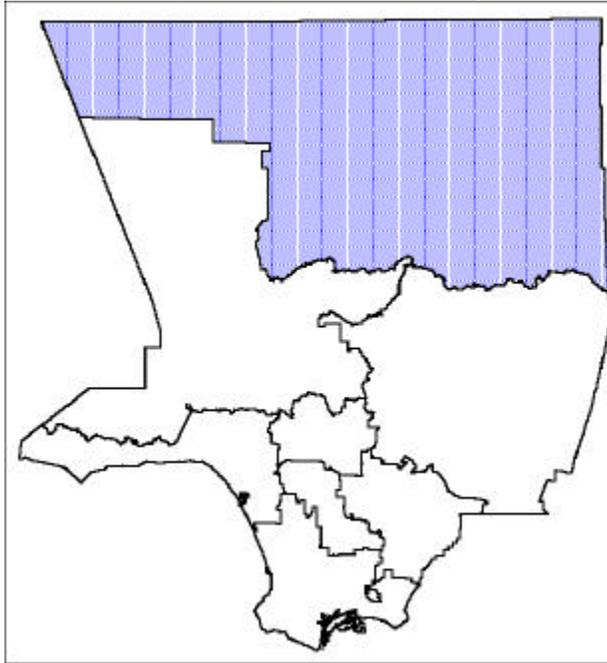
<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 Antelope Valley Service Planning Area, Los Angeles County, 2000

Antelope Valley Service Planning Area



**Live Births  
by Mother's Race/Ethnicity**

	Number	Total	
		Population	Birth Rate <sup>1</sup>
<b>Total</b>	4,675	328,537	14.2
African American	738	21,162	34.9
Asian/PI	142	14,774	9.6
Hispanic	1,978	79,744	24.8
White	1,785	208,103	8.6
Other/Unknown	32	4,754	6.7

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility
			Rate <sup>2</sup>
<b>Total</b>	704	12,893	54.6
African American	160	852	187.8
Asian/PI	9	527	17.1
Hispanic	329	3,387	97.1
White	199	7,915	25.1
Other/Unknown	7	212	33.0

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live	
		Births	Percent
<b>Total</b>	337	4,675	7.2
African American	95	738	12.9
Asian/PI	9	142	6.3
Hispanic	135	1,978	6.8
White	94	1,785	5.3
Other/Unknown	4	32	12.5

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live	
		Births	Percent
<b>Total</b>	4,643	4,643	100.0
Medi-Cal	2,083	4,643	44.9
Prepaid	1,712	4,643	36.9
Private	601	4,643	12.9
No Insurance	225	4,643	4.8
Other/Unknown	22	4,643	0.5

**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live	
		Births	Percent
<b>First Trimester Care</b>	3,898	4,675	83.4
African American	590	738	79.9
Asian/PI	125	142	88.0
Hispanic	1,596	1,978	80.7
White	1,559	1,785	87.3
Other/Unknown	28	32	87.5

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live	
		Births	Rate <sup>7</sup>
<b>Total</b>	29	4,675	6.2
<b>Gender</b>			
Male	18	2,402	7.5
Female	11	2,273	4.8
<b>Race/Ethnicity</b>			
African American	14	738	19.0
Asian/PI	0	142	0.0
Hispanic	11	1,978	5.6
White	4	1,785	2.2
Other/Unknown	0	32	0.0

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births +	
		Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	23	4,698	4.9
<b>Gender</b>			
Male	12	2,414	5.0
Female	11	2,284	4.8
<b>Race/Ethnicity</b>			
African American	3	741	4.0
Asian/PI	1	143	7.0
Hispanic	9	1,987	4.5
White	10	1,795	5.6
Other/Unknown	0	32	0.0

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

**Footnotes:**

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=32)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

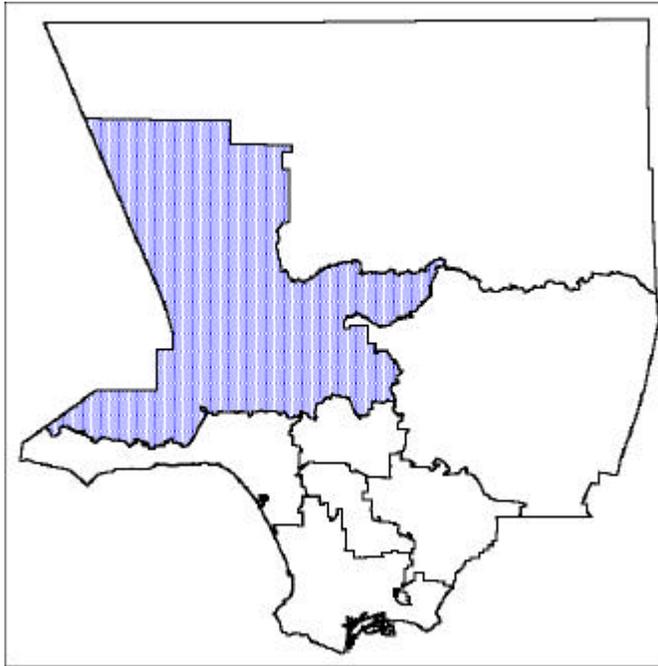
<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 San Fernando Service Planning Area, Los Angeles County, 2000

San Fernando Service Planning Area



**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	26,859	30,053	89.4
African American	861	994	86.6
Asian/PI	2,433	2,671	91.1
Hispanic	14,135	16,349	86.5
White	9,313	9,891	94.2
Other/Unknown	117	148	79.1

**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	30,053	1,864,747	16.1
African American	994	53,847	18.5
Asian/PI	2,671	185,469	14.4
Hispanic	16,349	684,774	23.9
White	9,891	926,465	10.7
Other/Unknown	148	14,192	10.4

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	2,373	58,507	40.6
African American	99	1,821	54.4
Asian/PI	51	6,028	8.5
Hispanic	1,971	26,118	75.5
White	247	24,069	10.3
Other/Unknown	5	471	10.6

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	1,763	30,053	5.9
African American	99	994	10.0
Asian/PI	199	2,671	7.5
Hispanic	856	16,349	5.2
White	594	9,891	6.0
Other/Unknown	15	148	10.1

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	29,929	29,929	100.0
Medi-Cal	12,004	29,929	40.1
Prepaid	8,678	29,929	29.0
Private	8,544	29,929	28.5
No Insurance	593	29,929	2.0
Other/Unknown	110	29,929	0.4

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	120	30,053	4.0
Gender			
Male	69	15,384	4.5
Female	51	14,669	3.5
Race/Ethnicity			
African American	7	994	7.0
Asian/PI	6	2,671	2.2
Hispanic	76	16,349	4.6
White	31	9,891	3.1
Other/Unknown	0	148	0.0

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	172	30,225	5.7
Gender			
Male	88	15,472	5.7
Female	84	14,753	5.7
Race/Ethnicity			
African American	9	1,003	9.0
Asian/PI	13	2,684	4.8
Hispanic	91	16,440	5.5
White	59	9,950	5.9
Other/Unknown	0	148	0.0

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

**Footnotes:**

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=124)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

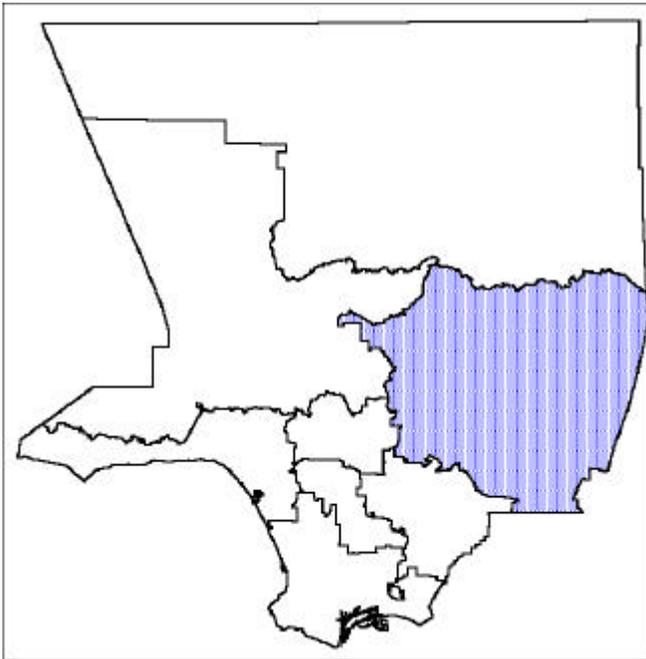
<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 San Gabriel Service Planning Area, Los Angeles County, 2000

San Gabriel Service Planning Area



**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	24,336	27,896	87.2
African American	905	1,079	83.9
Asian/PI	5,273	5,771	91.4
Hispanic	14,146	16,627	85.1
White	3,941	4,325	91.1
Other/Unknown	71	94	75.5

**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	27,896	1,835,780	15.2
African American	1,079	91,542	11.8
Asian/PI	5,771	351,415	16.4
Hispanic	16,627	801,953	20.7
White	4,325	579,756	7.5
Other/Unknown	94	11,114	8.5

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	2,718	63,453	42.8
African American	144	3,527	40.8
Asian/PI	72	12,052	6.0
Hispanic	2,269	31,799	71.4
White	221	15,699	14.1
Other/Unknown	12	376	31.9

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	1,768	27,896	6.3
African American	142	1,079	13.2
Asian/PI	360	5,771	6.2
Hispanic	978	16,627	5.9
White	276	4,325	6.4
Other/Unknown	12	94	12.8

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	27,752	27,752	100.0
Medi-Cal	10,558	27,752	38.0
Prepaid	10,017	27,752	36.1
Private	6,012	27,752	21.7
No Insurance	901	27,752	3.2
Other/Unknown	264	27,752	1.0

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	144	27,896	5.2
Gender			
Male	68	14,323	4.7
Female	76	13,573	5.6
Race/Ethnicity			
African American	18	1,079	16.7
Asian/PI	11	5,771	1.9
Hispanic	83	16,627	5.0
White	30	4,325	6.9
Other/Unknown	2	94	21.3

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	124	28,020	4.4
Gender			
Male	49	14,372	3.4
Female	75	13,648	5.5
Race/Ethnicity			
African American	7	1,086	6.4
Asian/PI	16	5,787	2.8
Hispanic	81	16,708	4.8
White	18	4,343	4.1
Other/Unknown	2	96	20.8

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

**Footnotes:**

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=144)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

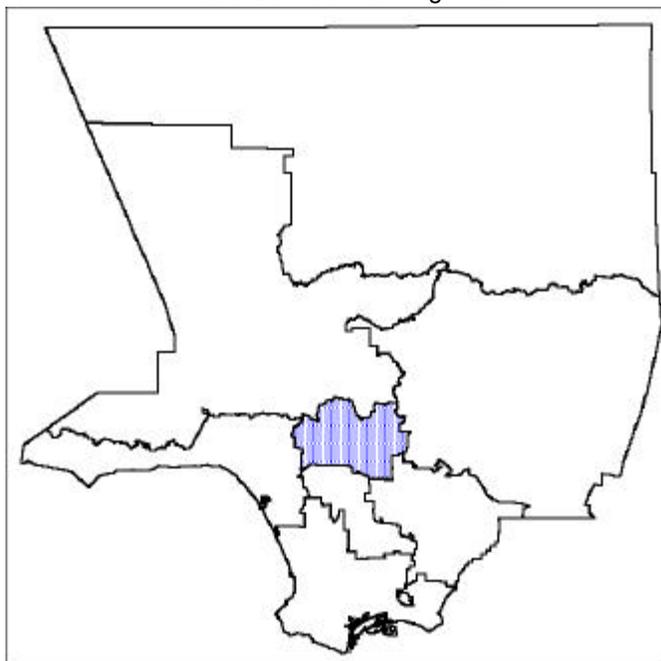
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999)

corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 Metro Service Planning Area, Los Angeles County, 2000

Metro Service Planning Area



**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	15,713	18,383	85.5
African American	606	728	83.2
Asian/PI	1,919	2,175	88.2
Hispanic	11,310	13,448	84.1
White	1,834	1,984	92.4
Other/Unknown	44	48	91.7

**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	18,383	1,303,526	14.1
African American	728	62,369	11.7
Asian/PI	2,175	210,292	10.3
Hispanic	13,448	806,350	16.7
White	1,984	218,210	9.1
Other/Unknown	48	6,305	7.6

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	2,047	39,532	51.8
African American	86	1,540	55.8
Asian/PI	58	5,705	10.2
Hispanic	1,858	28,701	64.7
White	44	3,380	13.0
Other/Unknown	1	206	4.9

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	1,161	18,383	6.3
African American	77	728	10.6
Asian/PI	152	2,175	7.0
Hispanic	782	13,448	5.8
White	145	1,984	7.3
Other/Unknown	5	48	10.4

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	18,309	18,309	100.0
Medi-Cal	11,669	18,309	63.7
Prepaid	3,628	18,309	19.8
Private	2,604	18,309	14.2
No Insurance	305	18,309	1.7
Other/Unknown	103	18,309	0.6

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	85	18,383	4.6
Gender			
Male	51	9,421	5.4
Female	34	8,961	3.8
Race/Ethnicity			
African American	9	728	12.4
Asian/PI	3	2,175	1.4
Hispanic	59	13,448	4.4
White	14	1,984	7.1
Other/Unknown	0	48	0.0

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	100	18,483	5.4
Gender			
Male	48	9,469	5.1
Female	51	9,012	5.7
Race/Ethnicity			
African American	8	736	10.9
Asian/PI	8	2,183	3.7
Hispanic	74	13,522	5.5
White	10	1,994	5.0
Other/Unknown	0	48	0.0

\* These analyses exclude those whose gender was not specified  
 Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

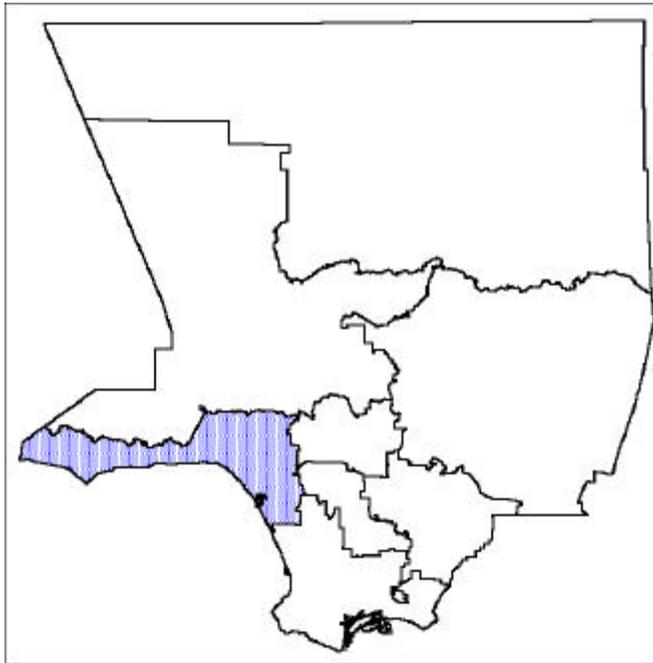
**Footnotes:**

- <sup>1</sup> The number of live births per 1,000 total population
- <sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age
- <sup>3</sup> Asian/PI is Asian and Pacific Islander
- <sup>4</sup> Live births weighing less than 2,500 grams
- <sup>5</sup> This Analysis excludes those with no prenatal care (n=74)
- <sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy
- <sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births
- <sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 West Service Planning Area, Los Angeles County, 2000

West Service Planning Area



**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	6,106	6,703	91.1
African American	448	499	89.8
Asian/PI	794	871	91.2
Hispanic	1,431	1,687	84.8
White	3,358	3,553	94.5
Other/Unknown	75	93	80.6

**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	6,703	579,490	11.6
African American	499	33,792	14.8
Asian/PI	871	68,721	12.7
Hispanic	1,687	120,449	14.0
White	3,553	351,913	10.1
Other/Unknown	93	4,615	20.2

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	196	11,763	16.7
African American	24	930	25.8
Asian/PI	6	1,372	4.4
Hispanic	145	3,450	42.0
White	19	5,861	3.2
Other/Unknown	2	150	13.3

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	458	6,703	6.8
African American	51	499	10.2
Asian/PI	51	871	5.9
Hispanic	95	1,687	5.6
White	256	3,553	7.2
Other/Unknown	5	93	5.4

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	6,693	6,693	100.0
Medi-Cal	1,274	6,693	19.0
Prepaid	2,292	6,693	34.2
Private	2,931	6,693	43.8
No Insurance	156	6,693	2.3
Other/Unknown	40	6,693	0.6

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	13	6,703	1.9
Gender			
Male	8	3,472	2.3
Female	5	3,231	1.5
Race/Ethnicity			
African American	4	499	8.0
Asian/PI	0	871	0.0
Hispanic	3	1,687	1.8
White	6	3,553	1.7
Other/Unknown	0	93	0.0

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	38	6,741	5.6
Gender			
Male	18	3,490	5.2
Female	19	3,250	5.8
Race/Ethnicity			
African American	3	502	6.0
Asian/PI	2	873	2.3
Hispanic	8	1,695	4.7
White	25	3,578	7.0
Other/Unknown	0	93	0.0

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

Footnotes:

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=10)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

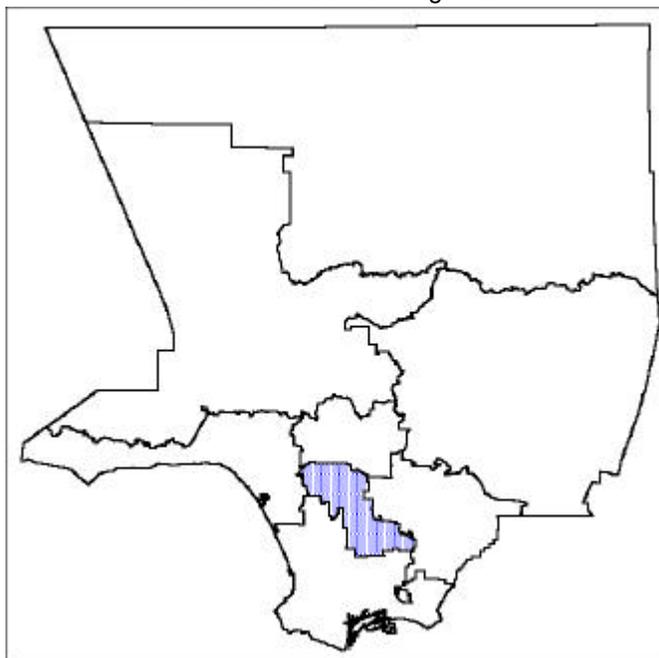
<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 South Service Planning Area, Los Angeles County, 2000

South Service Planning Area



**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	17,820	21,911	81.3
African American	4,291	5,247	81.8
Asian/PI	135	180	75.0
Hispanic	13,127	16,132	81.4
White	214	270	79.3
Other/Unknown	53	82	64.6

**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	21,911	1,016,052	21.6
African American	5,247	357,284	14.7
Asian/PI	180	22,147	8.1
Hispanic	16,132	603,814	26.7
White	270	29,136	9.3
Other/Unknown	82	3,671	22.3

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	3,486	41,557	83.9
African American	867	13,365	64.9
Asian/PI	7	606	11.6
Hispanic	2,543	26,838	94.8
White	52	606	85.8
Other/Unknown	17	142	119.7

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	1,634	21,911	7.5
African American	663	5,247	12.6
Asian/PI	17	180	9.4
Hispanic	927	16,132	5.7
White	22	270	8.1
Other/Unknown	5	82	6.1

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	21,792	21,792	100.0
Medi-Cal	15,368	21,792	70.5
Prepaid	4,449	21,792	20.4
Private	1,441	21,792	6.6
No Insurance	444	21,792	2.0
Other/Unknown	90	21,792	0.4

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	151	21,911	6.9
Gender			
Male	76	11,099	6.8
Female	75	10,812	6.9
Race/Ethnicity			
African American	69	5,247	13.2
Asian/PI	0	180	0.0
Hispanic	75	16,132	4.6
White	6	270	22.2
Other/Unknown	1	82	12.2

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	142	22,053	6.4
Gender			
Male	78	11,177	7.0
Female	64	10,876	5.9
Race/Ethnicity			
African American	56	5,303	10.6
Asian/PI	1	181	5.5
Hispanic	80	16,212	4.9
White	5	275	18.2
Other/Unknown	0	82	0.0

\* These analyses exclude those whose gender was not specified  
 Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

**Footnotes:**

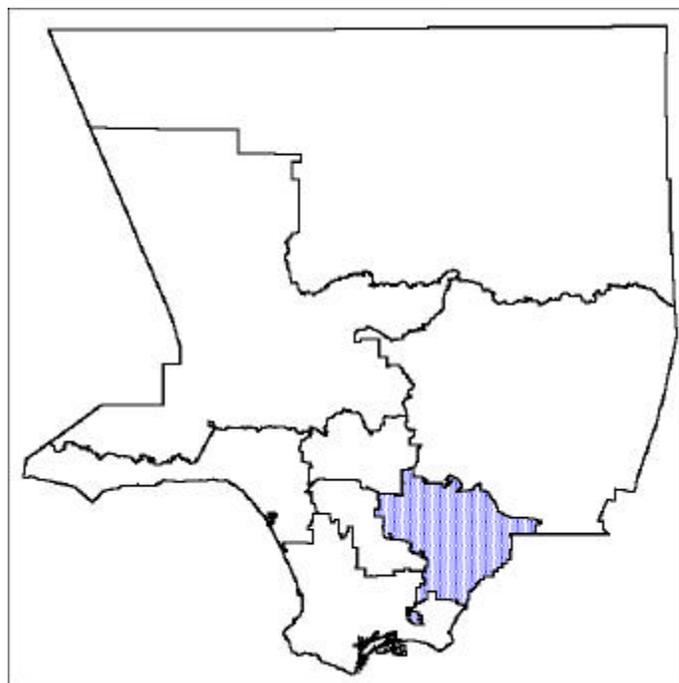
<sup>1</sup> The number of live births per 1,000 total population  
<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age  
<sup>3</sup> Asian/PI is Asian and Pacific Islander  
<sup>4</sup> Live births weighing less than 2,500 grams  
<sup>5</sup> This Analysis excludes those with no prenatal care (n=119)  
<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy  
<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births  
<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 East Service Planning Area, Los Angeles County, 2000

East Service Planning Area



**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	23,269	1,384,898	16.8
African American	538	25,825	20.8
Asian/PI	1,336	114,946	11.6
Hispanic	19,112	897,786	21.3
White	2,221	337,182	6.6
Other/Unknown	62	9,159	6.8

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	2,716	50,189	54.1
African American	64	915	69.9
Asian/PI	35	3,955	8.8
Hispanic	2,439	35,529	68.6
White	168	9,439	17.8
Other/Unknown	10	351	28.5

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	1,323	23,269	5.7
African American	63	538	11.7
Asian/PI	79	1,336	5.9
Hispanic	1,059	19,112	5.5
White	115	2,221	5.2
Other/Unknown	7	62	11.3

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	23,189	23,189	100.0
Medi-Cal	11,795	23,189	50.9
Prepaid	7,027	23,189	30.3
Private	3,661	23,189	15.8
No Insurance	522	23,189	2.3
Other/Unknown	184	23,189	0.8

**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
First Trimester Care	19,618	23,269	84.3
African American	460	538	85.5
Asian/PI	1,191	1,336	89.1
Hispanic	15,925	19,112	83.3
White	1,988	2,221	89.5
Other/Unknown	54	62	87.1

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	79	23,269	3.4
Gender			
Male	50	11,950	4.2
Female	29	11,319	2.6
Race/Ethnicity			
African American	5	538	9.3
Asian/PI	3	1,336	2.2
Hispanic	62	19,112	3.2
White	9	2,221	4.1
Other/Unknown	0	62	0.0

**Fetal Deaths (> = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	126	23,395	5.4
Gender			
Male	67	12,017	5.6
Female	57	11,376	5.0
Race/Ethnicity			
African American	8	546	14.7
Asian/PI	3	1,339	2.2
Hispanic	98	19,210	5.1
White	16	2,237	7.2
Other/Unknown	1	63	15.9

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

**Footnotes:**

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=80)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

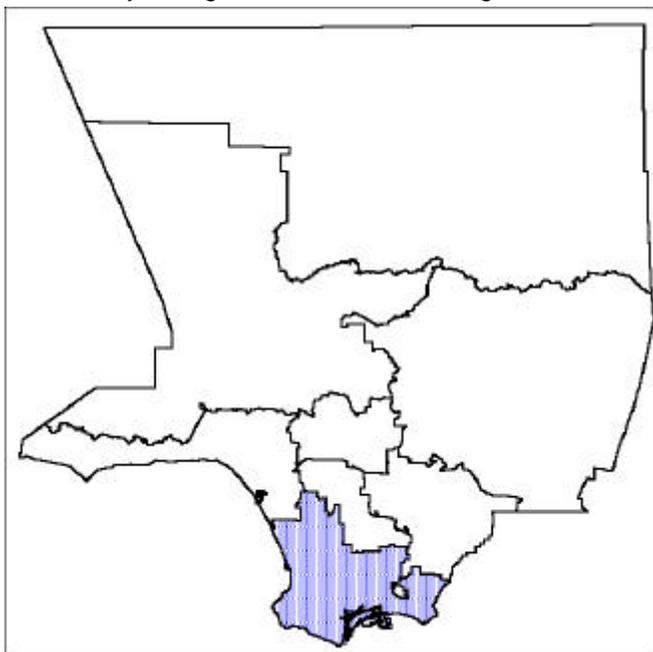
<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

Los Angeles County Department of Health Services  
**Maternal, Child, and Adolescent Health Programs**  
**Selected Perinatal Health Indicators**  
 South Bay - Long Beach Service Planning Area, Los Angeles County, 2000

South Bay - Long Beach Service Planning Area



**First Trimester Onset of Prenatal Care (PNC)<sup>6</sup>  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>First Trimester Care</b>	20,762	24,190	85.8
African American	3,037	3,616	84.0
Asian/PI	2,803	3,228	86.8
Hispanic	10,123	12,201	83.0
White	4,680	5,002	93.6
Other/Unknown	119	143	83.2

\* These analyses exclude those whose gender was not specified

Sum of SPA totals do not add up to Countywide total due to records that can not be assigned to any SPA.

**Footnotes:**

<sup>1</sup> The number of live births per 1,000 total population

<sup>2</sup> The number of live births to mothers aged 15-19 at delivery per 1,000 adolescent females 15-19 years of age

<sup>3</sup> Asian/PI is Asian and Pacific Islander

<sup>4</sup> Live births weighing less than 2,500 grams

<sup>5</sup> This Analysis excludes those with no prenatal care (n=142)

<sup>6</sup> The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

<sup>7</sup> The number of infant deaths occurring at less than 365 days of age per 1,000 live births

<sup>8</sup> The number of fetal deaths of 20 weeks or more gestation per 1,000 live births plus fetal deaths

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2000

**Live Births  
by Mother's Race/Ethnicity**

	Number	Total Population	Birth Rate <sup>1</sup>
<b>Total</b>	24,190	1,533,683	15.8
African American	3,616	195,190	18.5
Asian/PI	3,228	247,602	13.0
Hispanic	12,201	506,920	24.1
White	5,002	571,061	8.8
Other/Unknown	143	12,910	11.1

**Low Birthweight(LBW)<sup>4</sup> Births  
by Mother's Race/Ethnicity**

	Number	Live Births	Percent
<b>Total</b>	1,613	24,190	6.7
African American	419	3,616	11.6
Asian/PI	224	3,228	6.9
Hispanic	637	12,201	5.2
White	322	5,002	6.4
Other/Unknown	11	143	7.7

**Live Births Among Teen Girls aged 15-19  
by Mother's Race/Ethnicity**

	Number	Population	Fertility Rate <sup>2</sup>
<b>Total</b>	2,332	49,192	47.4
African American	448	7,411	60.5
Asian/PI	161	9,005	17.9
Hispanic	1,531	19,958	76.7
White	182	12,378	14.7
Other/Unknown	10	440	22.7

**Source of Payment for Prenatal Care (PNC)<sup>5</sup>**

	Number	Live Births	Percent
<b>Total</b>	24,048	24,048	100.0
Medi-Cal	10,280	24,048	42.7
Prepaid	8,091	24,048	33.6
Private	4,880	24,048	20.3
No Insurance	586	24,048	2.4
Other/Unknown	211	24,048	0.9

**Infant Deaths (< 365 days of age)  
by Gender\* and Race/Ethnicity**

	Number	Live Births	Rate <sup>7</sup>
<b>Total</b>	149	24,190	6.2
Gender			
Male	78	12,368	6.3
Female	71	11,821	6.0
Race/Ethnicity			
African American	46	3,616	12.7
Asian/PI	15	3,228	4.6
Hispanic	57	12,201	4.7
White	31	5,002	6.2
Other/Unknown	0	143	0.0

**Fetal Deaths (> or = 20wks)  
by Gender\* and Race/Ethnicity**

	Number	Live Births + Fetal Deaths	Rate <sup>8</sup>
<b>Total</b>	131	24,321	5.4
Gender			
Male	75	12,443	6.0
Female	56	11,877	4.7
Race/Ethnicity			
African American	35	3,651	9.6
Asian/PI	12	3,240	3.7
Hispanic	60	12,261	4.9
White	20	5,022	4.0
Other/Unknown	4	147	27.2

Note: The mother's residential zip codes were used to allocate live births to corresponding SPA. Zip codes (published in April 1999) corresponding to each SPA were designated using the zip code centroids in order to update the original (1990) SPA boundaries. Published statistics based on other correspondence tables may vary when compared.

# Key Indicators of Public Health

BY SERVICE PLANNING AREA 1999/2000



## HEALTH BEHAVIORS

### Alcohol and drug use

- Percent of all adults who binge drink—had 5 or more drinks on at least one occasion in the past 30 days<sup>1</sup>
- Drug related deaths among adults<sup>2</sup>  
(age-adjusted rate per 100,000 population)
- Percent of teens who report drinking alcohol in the past 30 days  
(Los Angeles Unified School District high school students only; not available by SPA)

### Nutrition

- Percent of adults who consume five or more servings of fruits and vegetables a day

### Overweight<sup>3</sup>

- Percent of adults who are overweight (BMI ≥ 25 & <30)
- Percent of adults who are obese (BMI ≥ 30)

### Physical activity<sup>4</sup>

- Percent of adults who engage in moderate to vigorous physical activity for at least 20-30 minutes at least 3 times a week
- Percent of adults who are sedentary

### Tobacco use<sup>5</sup>

- Percent of adults who smoke cigarettes
- Percent of teens who smoked cigarettes in the past 30 days  
(Los Angeles Unified School District high school students only; not available by SPA)

## HEALTH STATUS

### Activity limitation

- Average number of days regular daily activity was limited due to poor physical/mental health in the past 30 days

### Perceived health

- Percent of adults reporting their health to be poor to fair
- Percent of children ages 0-17 who are perceived by their parents to be in poor to fair health

	Antelope Valley SPA 1	San Fernando SPA 2	San Gabriel SPA 3	Metro SPA 4	West SPA 5	South SPA 6	East SPA 7	South Bay SPA 8	Los Angeles County	State of California	Healthy People 2010
Percent of all adults who binge drink—had 5 or more drinks on at least one occasion in the past 30 days <sup>1</sup>	10.2	15.6	13.9	18.5	20.2	14.5	15.6	15.1	15.6	N/A	6.0
Drug related deaths among adults <sup>2</sup> (age-adjusted rate per 100,000 population)	7.4	7.5	6.2	9.9	9.0	9.1	8.1	8.3	8.4	8.9	1.0
Percent of teens who report drinking alcohol in the past 30 days (Los Angeles Unified School District high school students only; not available by SPA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	39.8	N/A	N/A
Percent of adults who consume five or more servings of fruits and vegetables a day	10.4	13.1	11.9	11.0	13.2	9.9	9.8	11.9	11.6	N/A	N/A
Percent of adults who are overweight (BMI ≥ 25 & <30)	36.9	34.6	34.7	34.5	31.1	38.6	40.5	34.9	35.6	N/A	N/A
Percent of adults who are obese (BMI ≥ 30)	21.5	13.9	15.3	14.9	10.9	23.9	19.8	18.9	16.7	N/A	N/A
Percent of adults who engage in moderate to vigorous physical activity for at least 20-30 minutes at least 3 times a week	35.9	43.4	37.8	35.7	47.4	28.8	35.9	43.5	39.3	N/A	N/A
Percent of adults who are sedentary	43.7	36.7	42.1	43.8	31.1	49.7	44.3	38.9	40.8	N/A	20.0
Percent of adults who smoke cigarettes	24.4	18.1	15.4	20.3	19.2	19.1	17.1	18.4	18.1	17.2	12.0
Percent of teens who smoked cigarettes in the past 30 days (Los Angeles Unified School District high school students only; not available by SPA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.5	N/A	16.0
Average number of days regular daily activity was limited due to poor physical/mental health in the past 30 days	3.6	2.3	2.1	2.3	2.1	2.6	2.4	2.9	2.4	2.1	N/A
Percent of adults reporting their health to be poor to fair	21.4	15.4	20.1	28.5	14.5	28.2	24.3	19.9	20.9	N/A	N/A
Percent of children ages 0-17 who are perceived by their parents to be in poor to fair health	4.4	10.3	12.1	19.3	12.4	18.3	14.6	12.2	13.6	N/A	N/A

# Key Indicators of Public Health

BY SERVICE PLANNING AREA 1999/2000



## SOCIAL AND PHYSICAL ENVIRONMENT

### Air quality

- Percent of days (per year) not meeting state standards for air quality in 2000 *see note 6 regarding value in "state" column*

- Percent of children ages 0-5 who are regularly exposed to tobacco smoke at home<sup>7</sup>

### Child well-being<sup>8</sup>

- Percent of children ages 0-5 for whom parents report difficulty finding adequate childcare

### Education<sup>9</sup>

- High school graduation rate

### Poverty

- Percent of population with household incomes less than 100% of the federal poverty level

## HEALTH CARE ACCESS

### Immunizations

- Percent of adults 65 or older vaccinated for influenza in the past year

- Percent of kindergartners in 2001 who received the recommended vaccinations by their second birthday

### Health insurance

- Percent of adults ages 18-64 who are uninsured

- Percent of children ages 0-17 who are uninsured

### Prenatal care<sup>10</sup>

- Percent of live births where mother received late or no prenatal care

### Regular source of care

- Percent of adults with no regular source of medical care

- Percent of children with no regular source of medical care

	Antelope Valley SPA 1	San Fernando SPA 2	San Gabriel SPA 3	Metro SPA 4	West SPA 5	South SPA 6	East SPA 7	South Bay SPA 8	Los Angeles County	State of California	Healthy People 2010
Percent of days (per year) not meeting state standards for air quality in 2000 <i>see note 6 regarding value in "state" column</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.2	33.6	N/A
Percent of children ages 0-5 who are regularly exposed to tobacco smoke at home <sup>7</sup>	11.2	3.9	3.9	3.8	N/A	10.3	7.4	9.9	6.5	N/A	10.0
Percent of children ages 0-5 for whom parents report difficulty finding adequate childcare	39.8	43.9	40.8	60.9	46.6	53.9	46.2	38.0	46.2	N/A	N/A
High school graduation rate	40.7	65.9	74.0	49.9	66.7	41.2	62.2	65.2	67.0	N/A	N/A
Percent of population with household incomes less than 100% of the federal poverty level	12.1	14.5	15.9	31.0	12.7	37.0	19.0	17.3	20.1	N/A	N/A
Percent of adults 65 or older vaccinated for influenza in the past year	70.4	73.7	68.8	69.0	68.5	54.2	62.3	80.2	69.7	N/A	90.0
Percent of kindergartners in 2001 who received the recommended vaccinations by their second birthday	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	70.0	71.0	90.0
Percent of adults ages 18-64 who are uninsured	20.9	27.7	28.6	43.5	23.1	47.4	33.2	26.6	31.4	22.2	0
Percent of children ages 0-17 who are uninsured	10.2	16.9	18.8	26.9	17.1	27.7	19.9	18.1	20.3	19.0	0
Percent of live births where mother received late or no prenatal care	16.3	11.0	12.6	15.1	6.4	17.2	14.0	14.7	13.7	16.4	10.0
Percent of adults with no regular source of medical care	14.3	17.1	16.2	24.2	16.9	25.0	18.6	16.0	18.4	N/A	4.0
Percent of children with no regular source of medical care	5.8	6.7	5.2	10.0	8.3	15.6	8.3	5.8	8.2	N/A	3.0

# Key Indicators of Public Health

BY SERVICE PLANNING AREA 1999/2000



## HEALTH OUTCOMES

	Antelope Valley SPA 1	San Fernando SPA 2	San Gabriel SPA 3	Metro SPA 4	West SPA 5	South SPA 6	East SPA 7	South Bay SPA 8	Los Angeles County	State of California	Healthy People 2010
<b>Asthma</b>											
• Percent of children ages 0-17 with asthma <sup>11</sup>	8.2	5.4	6.6	4.6	5.0	5.7	6.7	7.3	6.1	N/A	N/A
• Hospitalization for asthma among children ages 0-14 (admissions in 1997 per 10,000 population) <i>HP 2010 objective for pediatric asthma among persons under 18 years</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27.4	N/A	17.3
<b>Breast cancer</b> <sup>2</sup>											
• Breast cancer deaths (age-adjusted rate per 100,000 population)	29.0	27.4	20.7	16.7	22.0	25.4	21.0	23.7	22.8	24.4	22.3
<b>Cardiovascular disease</b> <sup>2</sup>											
• Coronary heart disease deaths (age-adjusted rate per 100,000 population)	227.1	205.3	190.7	170.3	154.8	251.4	174.7	199.2	193.5	203.9	166.0
<b>Cervical cancer</b> <sup>2</sup>											
• Cervical cancer deaths (age-adjusted rate per 100,000 population)	1.5	2.7	3.4	3.4	2.6	5.8	3.7	2.8	3.3	2.8	2.0
<b>Diabetes</b> <sup>2,17</sup>											
• Diabetes deaths (age-adjusted rate per 100,000 population)	17.8	17.9	18.2	21.8	11.0	36.9	27.0	20.1	20.9	20.5	N/A
<b>Lung cancer</b> <sup>2</sup>											
• Lung cancer deaths (age-adjusted rate per 100,000 population)	51.9	42.2	32.6	28.7	36.1	54.7	35.1	39.5	38.1	46.8	44.9
<b>Infant mortality</b> <sup>12</sup>											
• Infant mortality (rate per 1,000 live births)	5.0	5.0	4.9	5.3	5.9	6.7	4.6	5.8	5.4	5.4	4.5
• African-American infant mortality (rate per 1,000 live births)	11.0	12.1	12.2	12.7	3.7	10.1	8.9	9.2	10.5	12.9	4.5
<b>Low birth weight</b> <sup>13</sup>											
• Percent of low birth weight births	7.8	6.2	6.1	6.4	6.7	7.9	5.9	6.8	6.6	6.1	5.0
• Percent of low birth weight African-American births	12.6	8.3	11.7	12.9	10.7	13.9	9.8	12.5	12.5	11.8	5.0
<b>Births to teens</b> <sup>14</sup>											
• Births to teens ages 15-19 (rate per 1,000 live births)	52.0	40.7	43.1	51.2	19.9	82.6	57.2	51.3	53.0	50.2	N/A
<b>AIDS</b>											
• Incidence of AIDS (new cases reported in 2000 per 100,000 population)	5.0	9.0	6.0	31.0	7.0	18.0	7.0	15.0	13.0	11.0	1.0
<b>Sexually transmitted diseases</b>											
• Incidence of primary and secondary syphilis (rate per 100,000 population)	0.3	0.3	0.4	1.8	0.4	2.9	0.5	0.8	0.9	0.9	0.2

# Key Indicators of Public Health

BY SERVICE PLANNING AREA 1999/2000



## HEALTH OUTCOMES CONT.

### Tuberculosis <sup>15</sup>

- Incidence of Tuberculosis (new cases reported in 2000 per 100,000 population)

### Homicide

- Homicide among adolescents and young adults ages 15-34 (rate per 100,000 population)

### Suicide

- Suicide among adults 55 and older (rate per 100,000 population)

### Unintentional injury

- Deaths attributed to motor vehicle crashes <sup>16</sup> (age-adjusted rate per 100,000 population)

- Unintentional injury deaths among children ages 0-17 (rate per 100,000 population)

	Antelope Valley SPA 1	San Fernando SPA 2	San Gabriel SPA 3	Metro SPA 4	West SPA 5	South SPA 6	East SPA 7	South Bay SPA 8	Los Angeles County	State of California	Healthy People 2010
Tuberculosis	3.3	8.3	11.1	20.9	6.7	15.4	9.4	10.1	11.5	9.5	1.0
Homicide	6.0	11.0	9.2	15.2	7.3	56.0	18.6	19.5	18.3	12.3	3.0
Suicide	18.6	14.6	11.0	13.1	16.5	5.0	8.5	9.7	11.6	15.3	5.0
Unintentional injury	15.0	7.3	4.6	5.3	4.2	8.5	5.9	5.5	6.1	9.1	9.2
Unintentional injury deaths among children ages 0-17	12.8	5.7	4.9	3.8	5.1	6.2	3.4	2.3	4.7	7.8	N/A

**NOTE: All data are for 1999 except where noted.**

*The above indicators were selected from one or more of the following:*

*Healthy People 2010 (including Leading Health Indicators, Health Determinants and Health Outcomes, Life Course Determinants and Prevention Oriented)*

*Healthy People 2000—Consensus Health Indicators*

*Outcomes Toolkit*

*Improving Health in the Community (IOM)*

*Community Health Status Indicators Project (ASTHO, NACCHO, PHF, HRSA)*

## NOTES TO KEY INDICATORS

**1 Alcohol use:** Binge drinking is defined as consuming five or more alcoholic drinks on at least one occasion.

**2 Cautionary note:** Death rates presented are age-adjusted to the 2000 U.S. Projected Population using age-specific rates. SPA and county age-specific rates were calculated using 1999 Population Estimation and Projection System data provided by the Chief Administrative Office of Los Angeles County (Urban Research Division). Age-specific rates for California were calculated using the 1999 Department of Finance data.

**3 Obesity:** Weight status is determined based on Body Mass Index (BMI) and is calculated using the respondent's weight and height. According to NHLBI clinical guidelines, a BMI < 18.5 is underweight, a BMI > 18.5 and < 24.9 is normal weight, a BMI > 25 and < 29.9 is mild or moderately overweight, and a BMI > 30 is severely overweight.

**4 Physical activity:** Those who meet the physical activity criteria engage in vigorous activity for at least 20 minutes on at least 3 days per week or moderate activity for at least 30 minutes on most days.

**5 Tobacco use:** Cigarette smokers include those respondents who made any mention of cigarette use with or without use of other tobacco products.

**6 Environmental air quality:** South Coast Air Basin which encompasses San Bernardino, Orange, Los Angeles and Riverside Counties, is used for "state" value.

**7 Exposure to tobacco smoke:** Determined by a child living with a parent who responded that they were around people who smoke in their home. The corresponding Healthy People 2010 Objective is quantified for children under 6.

**8 Child well-being:** This does not include the 15.3% of parents who responded that they did not need childcare.

**9 High school graduation rate:** The number of twelfth-grade graduates who received a diploma in the school year indicated, or the summer following that year. It does not include students graduating on the basis of the California High School Proficiency Examination, from programs administered by a community college, from adult education programs or receiving a General Education Development certificate (GED).

**10 Prenatal care:** Late care is defined as care received starting in the second or third trimester. The mother's residential census tracts were used to allocate live births to corresponding SPA.

**11 Asthma:** Current prevalence of asthma among children reflects those children who have been diagnosed by a provider as having asthma and who have had an asthma episode/attack within the last 12 months.

**12 Infant mortality:** Infant deaths are deaths at less than 365 days of age. Infant mortality rate is defined as infant deaths per 1,000 live births. The mother's residential zip codes were used to allocate live births to corresponding SPA (using zip codes published in April 1999). Published statistics based on other correspondence tables may vary when compared.

**13 Low birth weight:** Low birth weight is defined as births less than 2,500 grams or approximately 5.5 lbs at birth. Percent of low birth weight is defined as the number of LBW births per 100 live births. The mother's residential zip codes were used to allocate live births to corresponding SPA (using zip codes published in 1999). Published statistics based on other correspondence tables may vary when compared.

**14 Births to teens:** Teen birth rate is the number of live births per 1,000 estimated female population between the ages of 15 and 19. The mother's residential census tracts were used to allocate live births to corresponding SPA.

**15 Tuberculosis:** Data exclude Pasadena and Long Beach cases.

**16 Motor vehicle crash deaths:** Standardized to the 2000 U.S. Projected Population by the Office of Health Assessment and Epidemiology.

**17 Diabetes:** Healthy People 2010 objective for Diabetes deaths is not comparable to local and state data.

# Key Indicators of Public Health

BY SERVICE PLANNING AREA 1999/2000

## LOCAL

*Los Angeles County Department of Health Services, Office of Health Assessment and Epidemiology, Health Assessment Unit, 1999-2000 Los Angeles County Health Survey*

- Overweight & obesity (3), Physical activity (4), Nutrition, Tobacco use (5), Alcohol use (1), Child well-being (8), Exposure to tobacco smoke (7), Activity limitation, Perceived health (adults & children), Adult immunizations, Health insurance, Regular source of medical care (adults & children), Asthma (11)

*South Coast Air Quality Management District*

- Environmental air quality (6)

*Los Angeles County Department of Health Services, Office of Health Assessment and Epidemiology, Data Collection and Analysis Unit*

- Poverty, Breast cancer (2), Lung cancer (2), Cervical cancer (2), Cardiovascular disease (2), Diabetes (2), Drug-induced death (2), Prenatal care (10), Births to teens (14)

*Los Angeles County Department of Health Services, Maternal, Child and Adolescent Health Program*

- High school graduation rate (9), Low birth weight (13), Infant mortality (12)

*Los Angeles County Department of Health Services, Immunization Program*

- Immunizations

*UCLA Center for Health Care Policy Research, Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997*

- Asthma hospitalization

*Los Angeles County Department of Health Services, HIV Epidemiology Program*

- AIDS

*Los Angeles County Department of Health Services, Tuberculosis Control Program*

- Tuberculosis (15)

*Los Angeles County Department of Health Services, Sexually Transmitted Disease Program*

- Sexually transmitted diseases

*Los Angeles County, Chief Administrative Office, Urban Research Division, Population for Los Angeles County & SPAs: 1999 Population Estimation and Projection Systems (PEPS) Trend Analysis Series*

- Poverty, Breast cancer (2), Lung cancer (2), Cervical cancer (2), Cardiovascular disease (2), Diabetes (2), Drug-induced death (2)

*Los Angeles County Department of Health Services, Injury and Violence Prevention Program*

- Homicide, Unintentional injury, Suicide, Motor vehicle crash deaths (16)

*National Center for Chronic Disease Prevention and Health Promotion, Youth Risk Behavior Survey 2001*

- Teen alcohol use, Teen smoking

# DATA SOURCES

## STATE/FEDERAL

*State-Specific Prevalence of Current Cigarette Smoking Among Adults, and Policies and Attitudes About Secondhand Smoke—United States, 2000. MMWR, 50(49): 1101-1106, 2001*

- Tobacco use

*California Department of Health Services, Center for Health Statistics. Mortality: 1999 Death Statistical Master File*

- Breast cancer (2), Lung cancer (2), Cervical cancer (2), Cardiovascular disease (2), Drug-induced death (2)

*National Center for Chronic Disease Prevention, Behavioral Risk Factor Surveillance System (BRFSS), 1999 BRFSS Summary Prevalence Report.*

- Health insurance

*California Department of Health Services, Center for Health Statistics Births: Advance Report: California Vital Statistics, 1999*

- Prenatal care (10)

*National Center for Chronic Disease Prevention & Health Promotion, Behavioral Risk Factor Surveillance System, California, 1999*

- Activity limitation

*California Department of Health Services, AIDS Case Registry, Office of AIDS*

- AIDS

*California Department of Health Services, Division of Communicable Disease Control, Tuberculosis Control Branch, Report on Tuberculosis in California, 2000*

- Tuberculosis

*California Department of Health Services California figures from Table 5-10, Vital Statistics Data Tables (Office of Vital Records, website)*

- Diabetes (2)

*Population for California: Race/Ethnic Population with Age & Sex Detail, 1970-2040. State Department of Finance, December 1998*

- Breast cancer (2), Lung cancer (2), Cervical cancer (2), Cardiovascular disease (2), Drug-induced death (2)

*California Department of Health Services, Injury Surveillance and Epidemiology Section*

- Homicide, Unintentional injury, Suicide, Motor vehicle crash deaths (16)

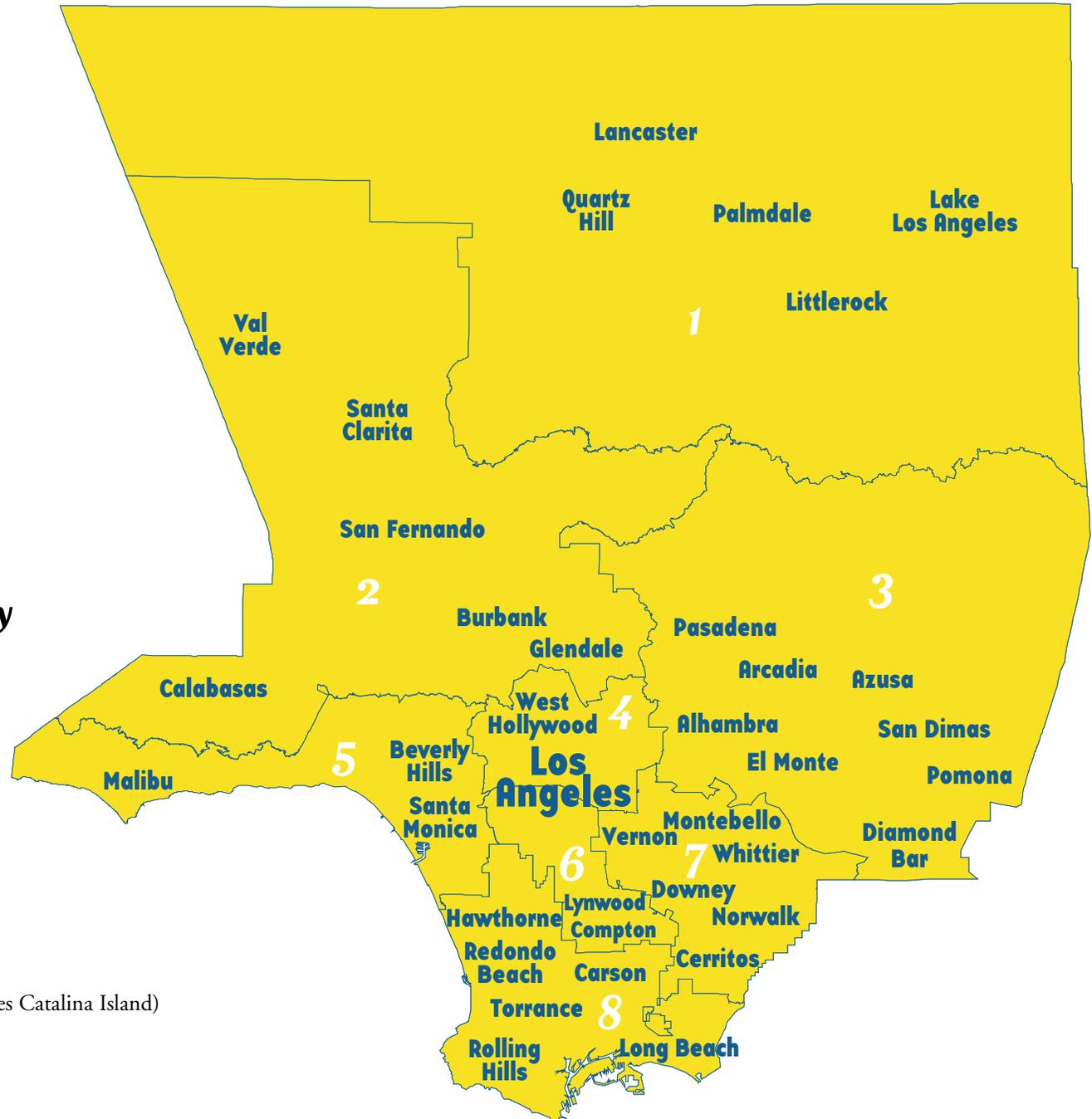
# Key Indicators of Public Health

BY SERVICE PLANNING AREA 1999/2000



## Service Planning Area (SPA) Boundaries

- SPA 1** *Antelope Valley*
- SPA 2** *San Fernando*
- SPA 3** *San Gabriel*
- SPA 4** *Metro*
- SPA 5** *West*
- SPA 6** *South*
- SPA 7** *East*
- SPA 8** *South Bay* (includes Catalina Island)





# LACDHS

Maternal, Child, and Adolescent Health Programs

**Research,  
Evaluation, & Planning Unit**