

# **Preterm Live Births**

**TITLE V INDICATOR TEMPLATE**

**INDICATOR:** Percent of Preterm Live Births

**DEFINITION:** The percent of live births occurring at less than 37 weeks of gestation.

**NUMERATOR:** The number of live births occurring at less than 37 weeks of gestation, 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 preterm births to an incidence of no more than 7.6 percent of live births.  
(Baseline: 11.6 percent in 1998) (Objective 16-11a)

**RISK FACTORS:**

Young or old maternal age; low income; race/ethnicity (African American); short interpregnancy intervals; multiple gestation; poor reproductive history; certain uterine or cervical abnormalities; certain birth defects in the baby; obesity; prior preterm birth; no prenatal care or late entry into prenatal care; low prepregnancy weight; tobacco use during pregnancy; alcohol/substance abuse during pregnancy; low pregnancy weight gain; stress during pregnancy; strenuous exertion during pregnancy; long working hours with long periods of standing; diabetes; high blood pressure; clotting disorders (thrombophilia); vaginal bleeding; vaginal infections; urinary tract infections; domestic violence; being pregnant with a single fetus after in vitro fertilization (IVF)

Year	California				Los Angeles County			
	Preterm Live Birth		95% Confidence Interval		Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1998	52,664	10.1	10.0	10.2	17,140	10.8	10.7	11.0
1999	52,078	10.1	10.0	10.1	16,812	10.8	10.6	10.9
2000	52,802	9.9	9.9	10.0	16,123	10.2	10.1	10.4
2001	52,268	9.9	9.8	10.0	15,900	10.4	10.2	10.5
2002	52,373	9.9	9.8	10.0	15,385	10.2	10.0	10.3
2003	54,537	10.1	10.0	10.2	15,914	10.5	10.3	10.6
2004	55,998	10.3	10.2	10.4	16,280	10.7	10.6	10.9
2005	59,528	10.8	10.8	10.9	17,271	11.5	11.3	11.6
2006	59,824	10.8	10.7	10.9	17,086	11.3	11.1	11.4
2007	N/A	N/C	N/C	N/C	17,314	11.4	11.2	11.6

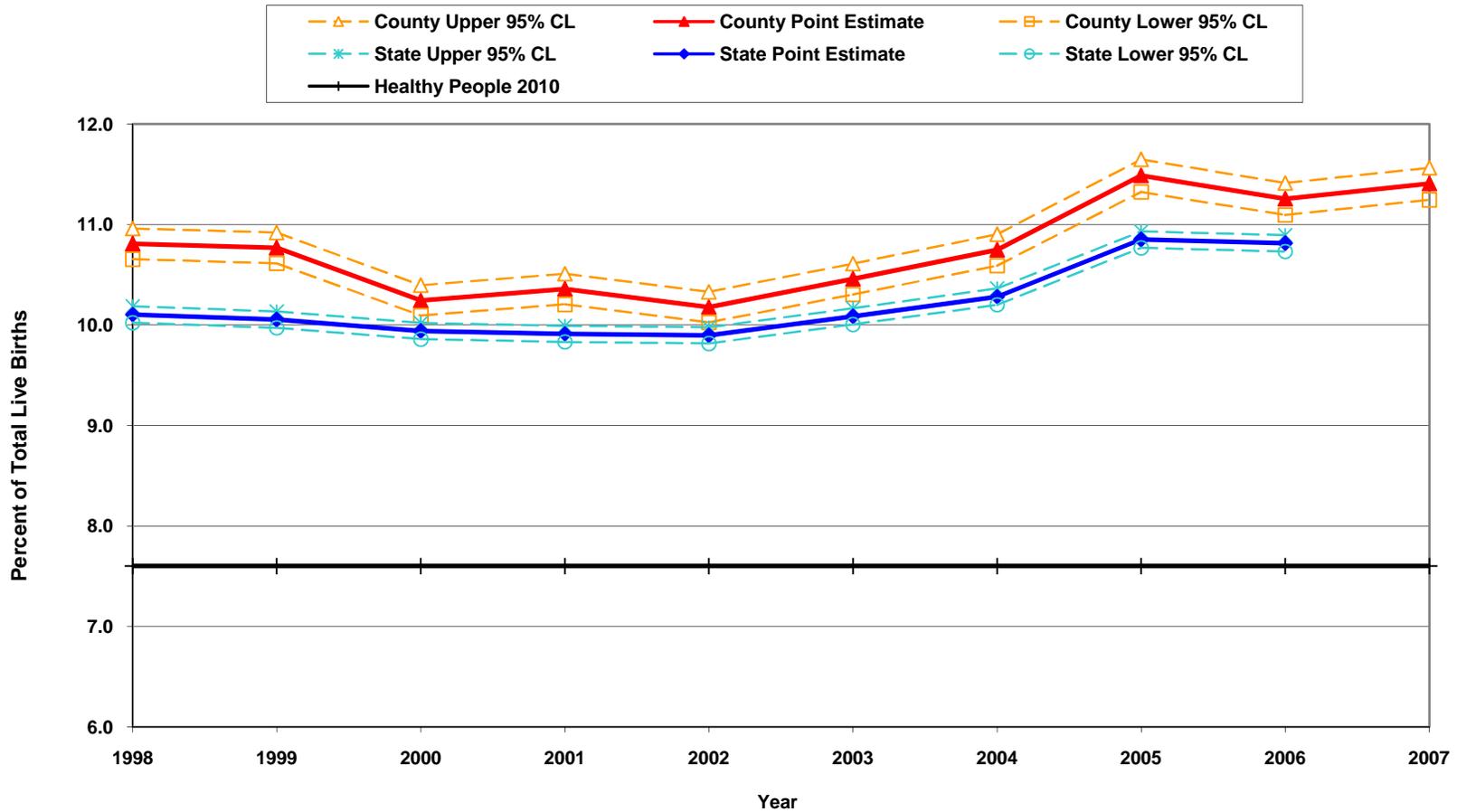
Denominator: Live Births		
Year	California	LA County
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	553,317	151,837
2007	566,137	151,813

Note: In 2006, the definition for preterm live births changed to live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks since less than 17 weeks of gestation reflects inaccuracies rather than actual gestation periods.

2007 data not available for retrieval

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

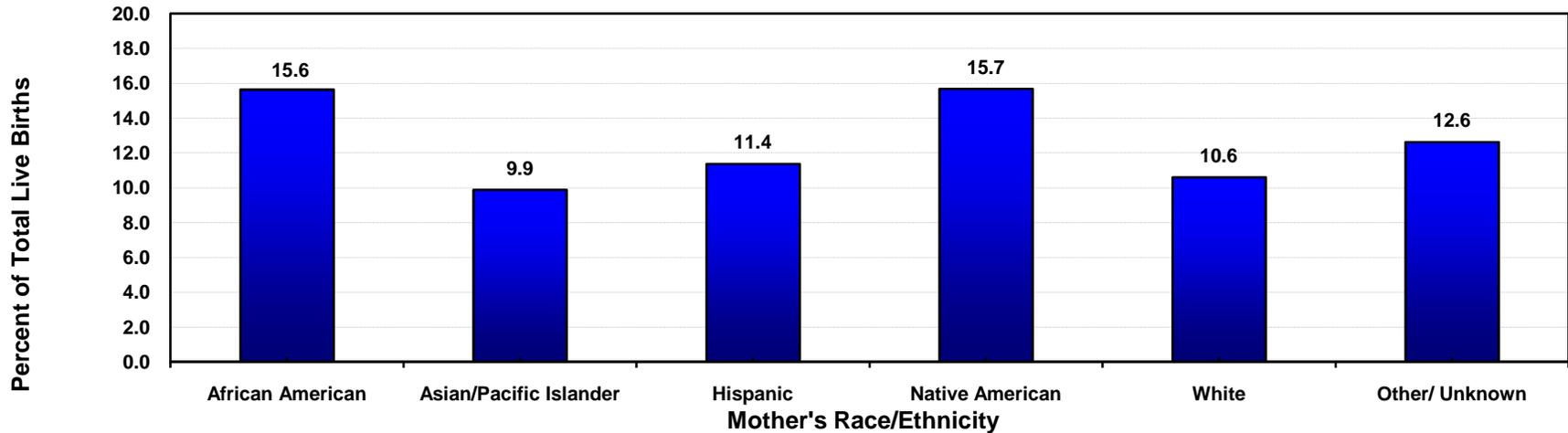
### Percent of Preterm Live Births California vs. Los Angeles County, 1997-2007



Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

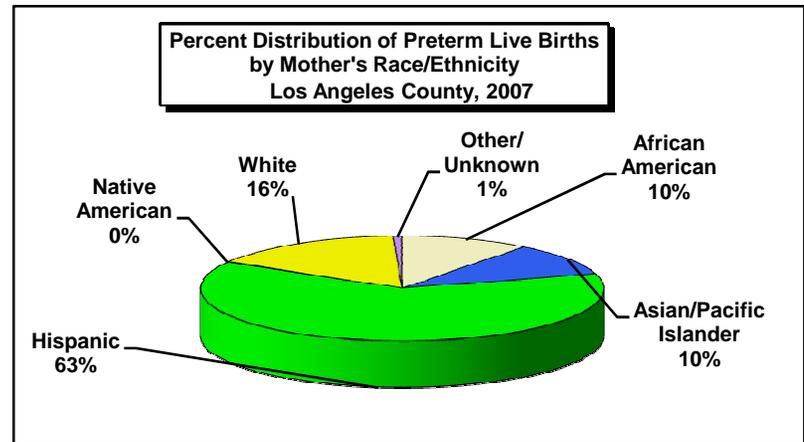
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 1998-2007.

**Preterm Live Births, as Percent of Total Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Race/Ethnicity	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,784	15.6	15.0	16.3
Asian/Pacific Islander	1,756	9.9	9.4	10.3
Hispanic	10,884	11.4	11.2	11.6
Native American	37	15.7	11.0	20.3
White	2,732	10.6	10.2	11.0
Other/ Unknown	121	12.6	10.5	14.7
<b>Total</b>	<b>17,314</b>	<b>11.4</b>	<b>11.2</b>	<b>11.6</b>

Total Live Births
11,406
17,769
95,686
236
25,758
958
<b>151,813</b>



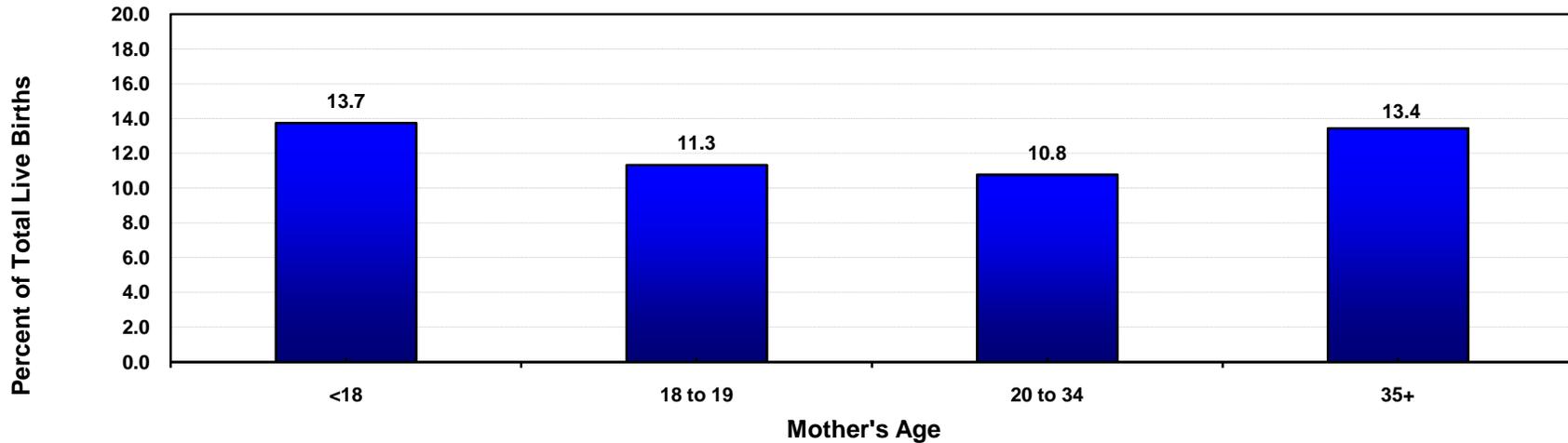
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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

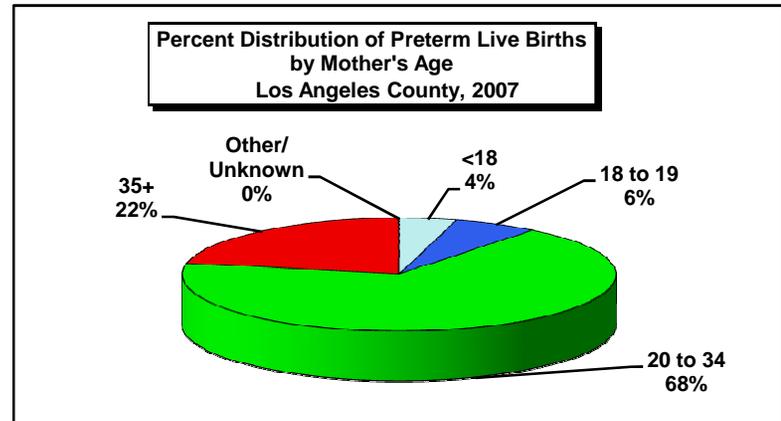
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Preterm Live Births, as Percent of Total Live Births  
by Mother's Age  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Age	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	727	13.7	12.8	14.7
18 to 19	1,092	11.3	10.7	12.0
20 to 34	11,708	10.8	10.6	11.0
35+	3,784	13.4	13.0	13.8
Other/ Unknown	3	N/C	N/C	N/C
<b>Total</b>	<b>17,314</b>	<b>11.4</b>	<b>11.2</b>	<b>11.6</b>

Total Live Births
5,289
9,643
108,700
28,164
17
<b>151,813</b>



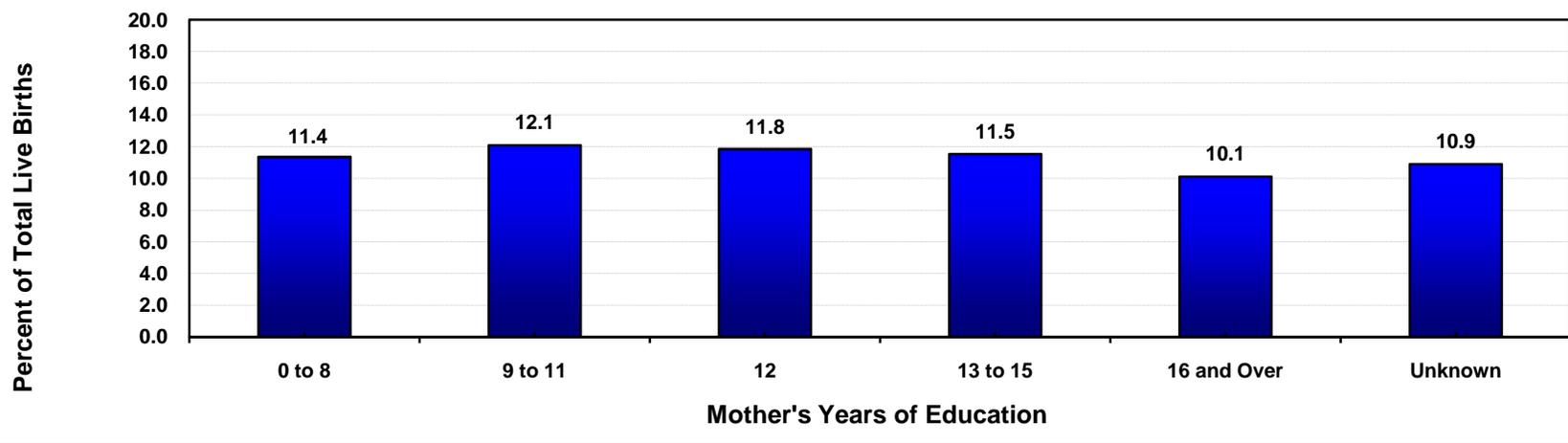
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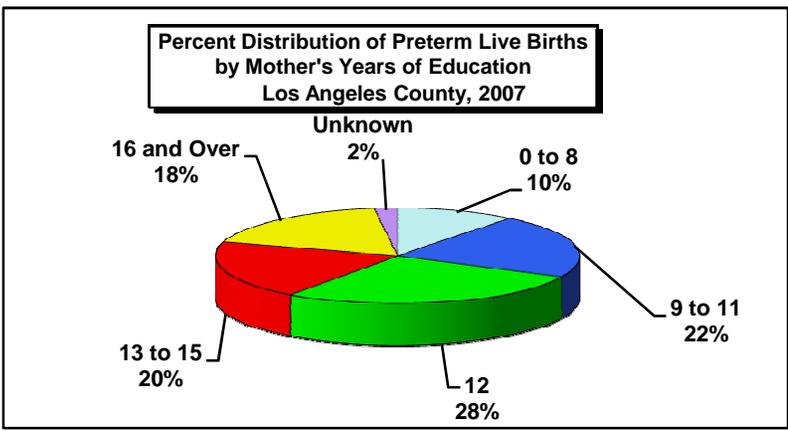
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Preterm Live Births, as Percent of Total Live Births  
by Mother's Years of Education  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Years of Education	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	1,823	11.4	10.9	11.8
9 to 11	3,751	12.1	11.7	12.5
12	4,816	11.8	11.5	12.2
13 to 15	3,402	11.5	11.2	11.9
16 and Over	3,168	10.1	9.8	10.4
Unknown	354	10.9	9.8	12.0
<b>Total</b>	<b>17,314</b>	<b>11.4</b>	<b>11.2</b>	<b>11.6</b>

Total Live Births
16,058
31,019
40,643
29,516
31,329
3,248
<b>151,813</b>



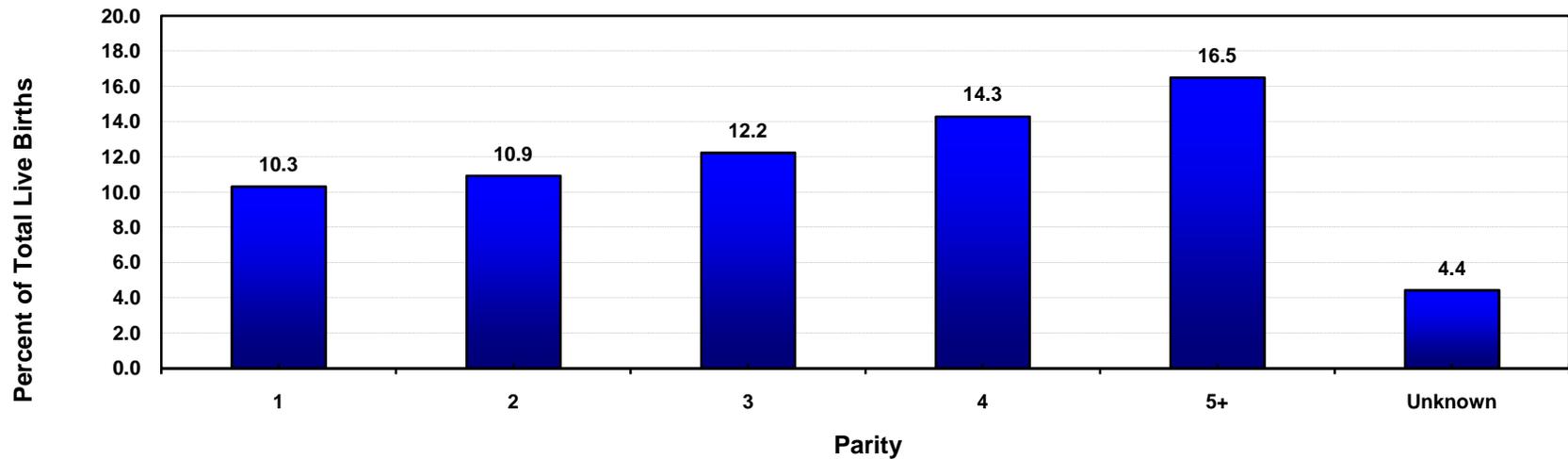
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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

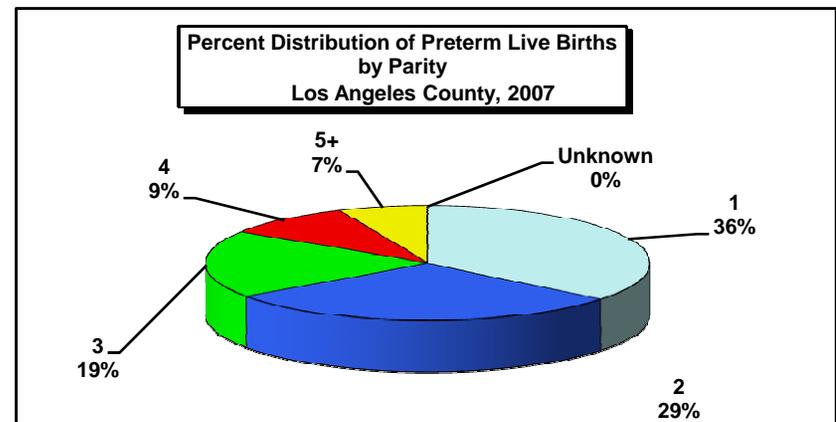
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Preterm Live Births, as Percent of Total Live Births  
by Parity  
Los Angeles County, 2007**



Los Angeles County, 2007				
Parity	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	6,204	10.3	10.1	10.6
2	5,077	10.9	10.6	11.2
3	3,271	12.2	11.8	12.6
4	1,634	14.3	13.6	14.9
5+	1,118	16.5	15.6	17.4
Unknown	10	4.4	1.7	7.1
<b>Total</b>	<b>17,314</b>	<b>11.4</b>	<b>11.2</b>	<b>11.6</b>

Total Live Births
60,161
46,471
26,743
11,438
6,774
226
<b>151,813</b>



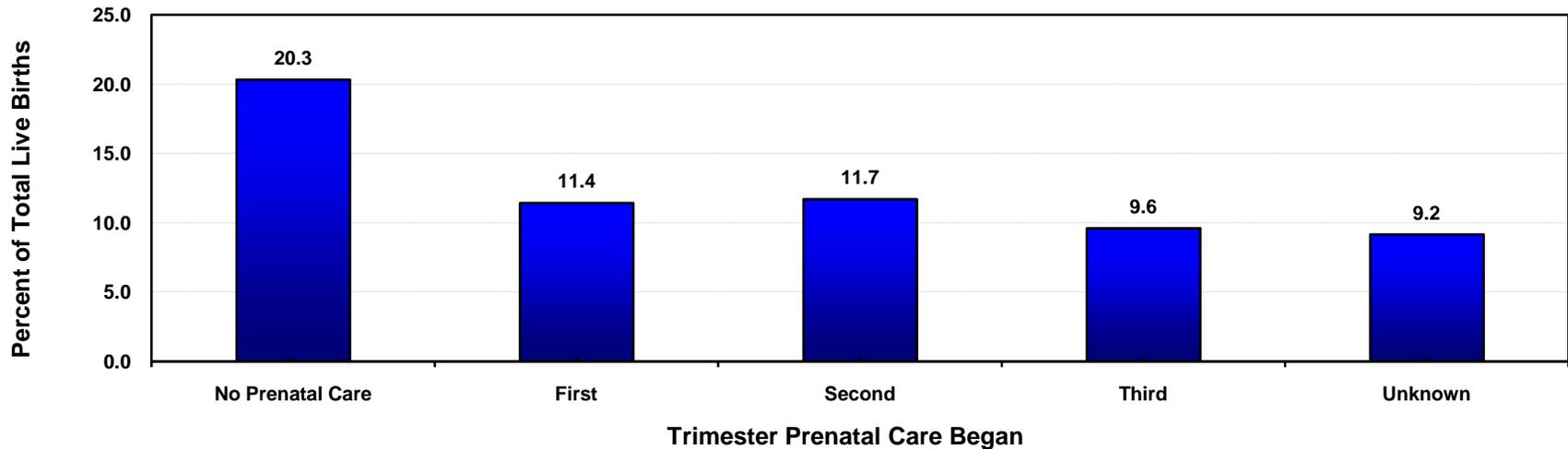
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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

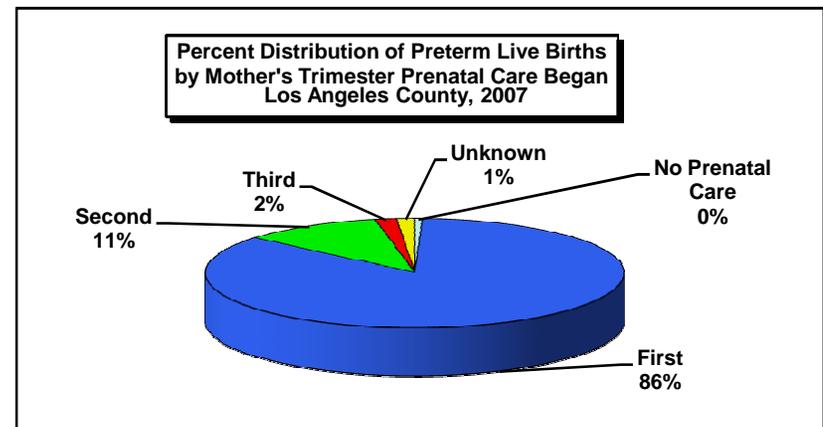
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Preterm Live Births, as Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Trimester Prenatal Care Began	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	98	20.3	16.7	23.9
First	14,818	11.4	11.2	11.6
Second	1,874	11.7	11.2	12.2
Third	284	9.6	8.5	10.7
Unknown	240	9.2	8.1	10.3
<b>Total</b>	<b>17,314</b>	<b>11.4</b>	<b>11.2</b>	<b>11.6</b>

Total Live Births
482
129,741
16,013
2,957
2,620
<b>151,813</b>



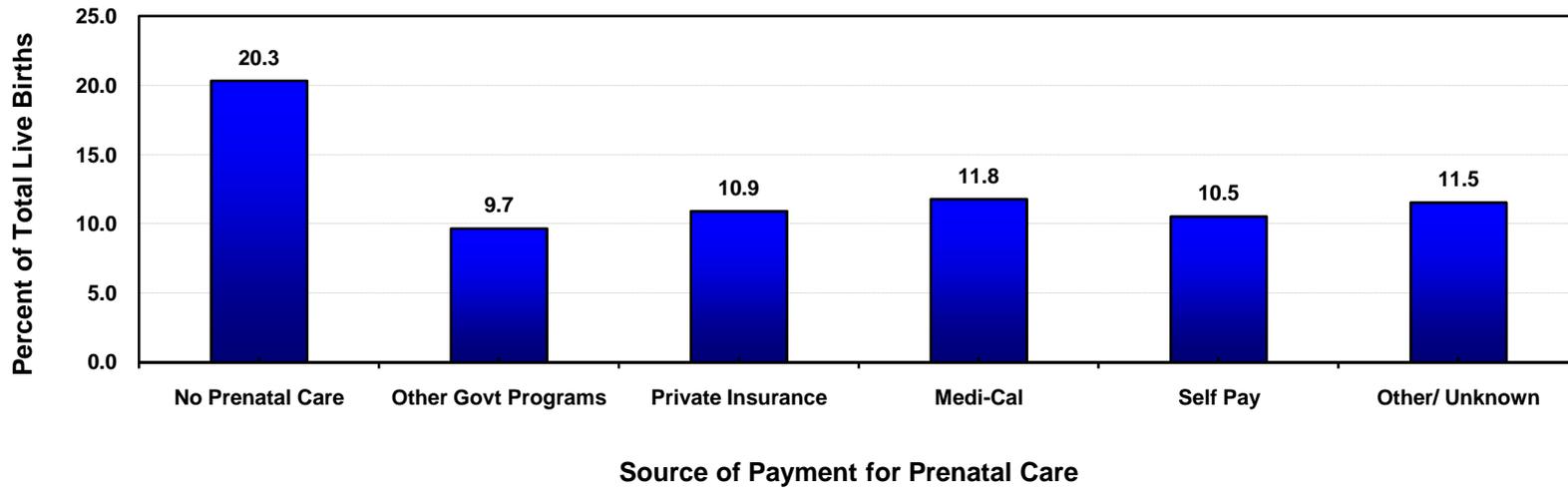
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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

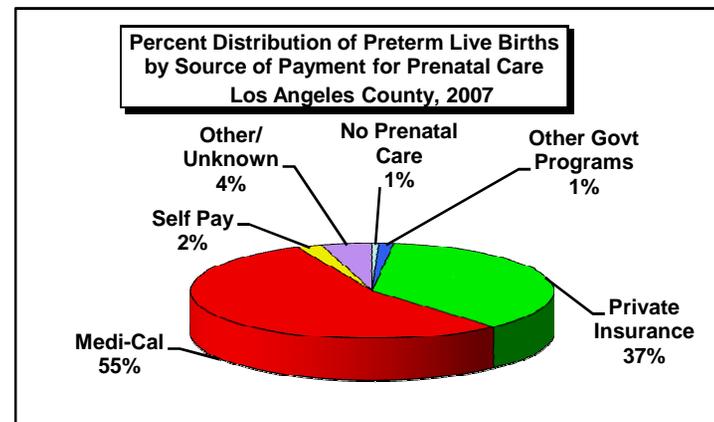
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Preterm Live Births, as Percent of Total Live Births  
by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2007**



Los Angeles County, 2007				
Source of Payment for Prenatal Care	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	98	20.3	16.7	23.9
Other Govt Programs	231	9.7	8.5	10.8
Private Insurance	6,323	10.9	10.7	11.2
Medi-Cal	9,496	11.8	11.6	12.0
Self Pay	388	10.5	9.5	11.5
Other/ Unknown	778	11.5	10.8	12.3
<b>Total</b>	<b>17,314</b>	<b>11.4</b>	<b>11.2</b>	<b>11.6</b>

Total Live Births
482
2,391
57,928
80,578
3,687
6,747
<b>151,813</b>



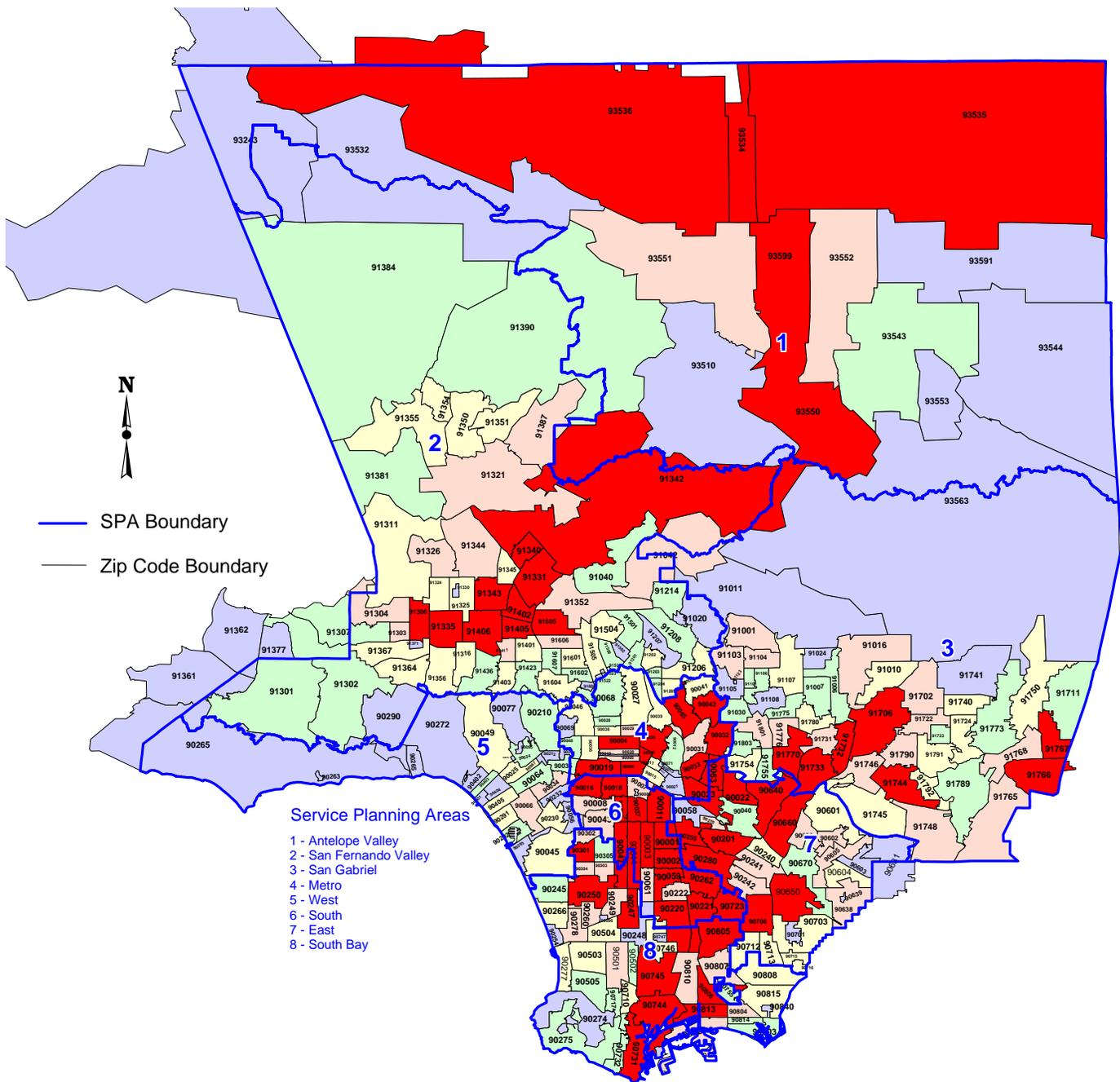
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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

Los Angeles County - Department of Public Health  
**Number of Preterm Live Births  
 by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2007



**Service Planning Areas**

- 1 - Antelope Valley
- 2 - San Fernando Valley
- 3 - San Gabriel
- 4 - Metro
- 5 - West
- 6 - South
- 7 - East
- 8 - South Bay

**Number of Preterm Live Births**

- 89 to 331 (n=64)
- 51 to 88 (n=55)
- 33 to 50 (n=61)
- 18 to 32 (n=53)
- 0 to 17 (n=62)

\* Los Angeles County zip code boundaries as of April 2007

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

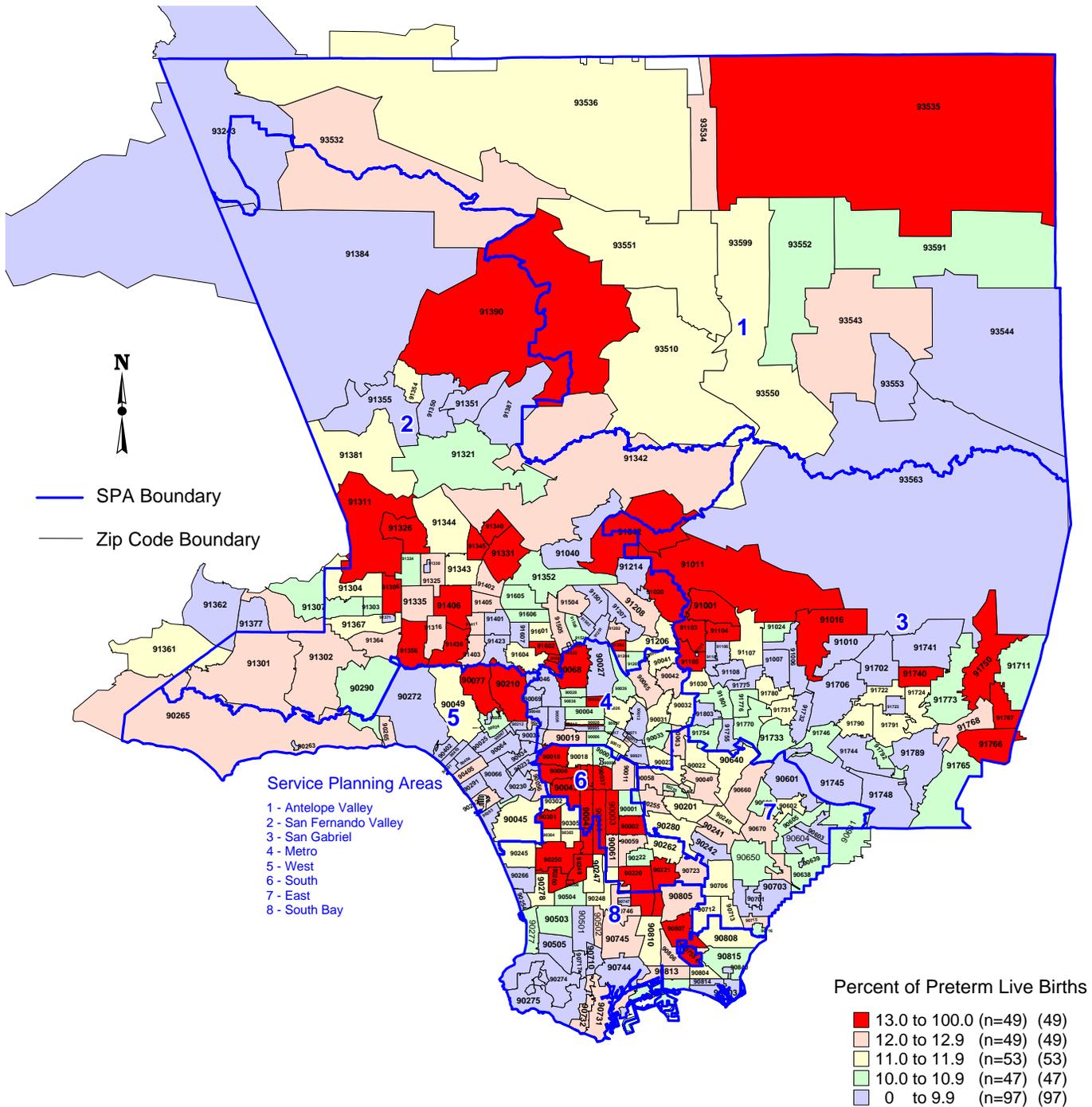
Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2007

n = total number of zip codes in range



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

Los Angeles County, 2007



\* Los Angeles County zip code boundaries as of April 2007

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

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2007

Note: Percent of preterm live births is defined as  
 live births occurring at less than 37 weeks of gestation per 100 live birth:

n = total number of zip codes in range

**TITLE V INDICATOR TEMPLATE**

**INDICATOR:** Percent of Early Preterm Live Births

**DEFINITION:** The percent of live births occurring at less than 32 weeks of gestation.

**NUMERATOR:** The number of live births occurring at less than 32 weeks of gestation, 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 early preterm births to an incidence of no more than 1.1 percent of live births.  
(Baseline: 2.0 percent in 1998) (Objective 16-11c)

**RISK FACTORS:**

Young or old maternal age; low income; race/ethnicity (African American); short interpregnancy intervals; multiple gestation; poor reproductive history; certain uterine or cervical abnormalities; certain birth defects in the baby; obesity; prior preterm birth; no prenatal care or late entry into prenatal care; low prepregnancy weight; tobacco use during pregnancy; alcohol/substance abuse during pregnancy; low pregnancy weight gain; stress during pregnancy; strenuous exertion during pregnancy; long working hours with long periods of standing; diabetes; high blood pressure; clotting disorders (thrombophilia); vaginal bleeding; vaginal infections; urinary tract infections; domestic violence; being pregnant with a single fetus after in vitro fertilization (IVF)

Year	California				Los Angeles County			
	Early Preterm		95% Confidence Interval		Early Preterm		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1998	8,501	1.6	1.6	1.7	2,755	1.7	1.7	1.8
1999	8,382	1.6	1.6	1.7	2,737	1.8	1.7	1.8
2000	8,352	1.6	1.5	1.6	2,535	1.6	1.5	1.7
2001	8,120	1.5	1.5	1.6	2,594	1.7	1.6	1.8
2002	8,211	1.6	1.5	1.6	2,535	1.7	1.6	1.7
2003	8,189	1.5	1.5	1.5	2,388	1.6	1.5	1.6
2004	8,669	1.6	1.6	1.6	2,498	1.6	1.6	1.7
2005	9,514	1.7	1.7	1.8	2,646	1.8	1.7	1.8
2006	9,132	1.6	1.6	1.7	2,449	1.6	1.5	1.7
2007	N/A	N/C	N/C	N/C	2,486	1.6	1.6	1.7

Denominator: Live Births		
Year	California	LA County
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813

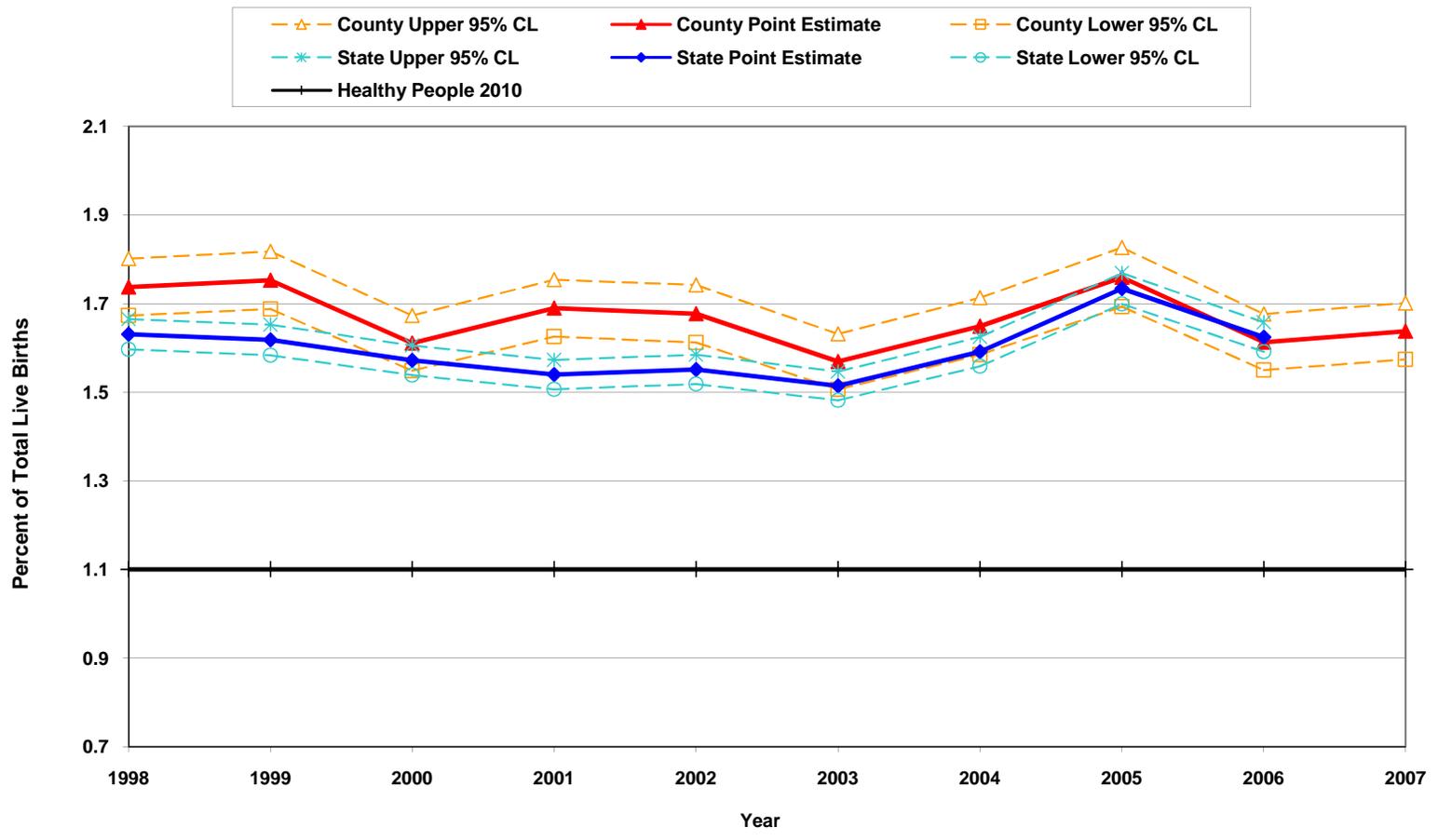
Note: In 2006, the definition for early preterm live births changed to live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks since less than 17 weeks of gestation reflects inaccuracies rather than actual gestation periods.

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

N/A Not available

N/C Not calculated

### Percent of Early Preterm Live Births California vs. Los Angeles County, 1996-2007

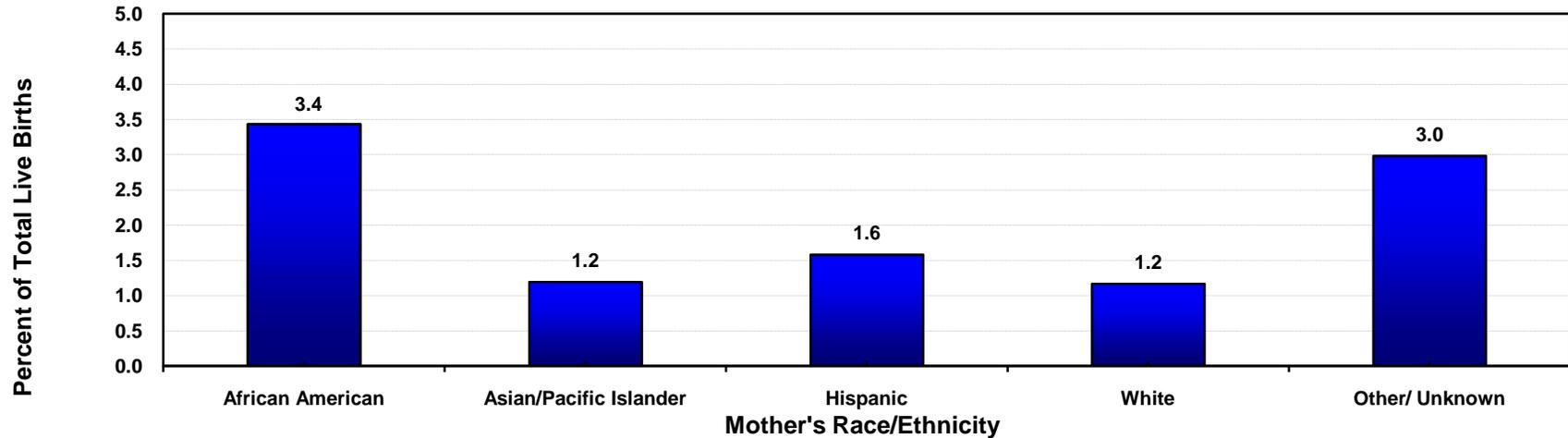


Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

Note: In 2006, the definition for early preterm live births changed to live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks

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

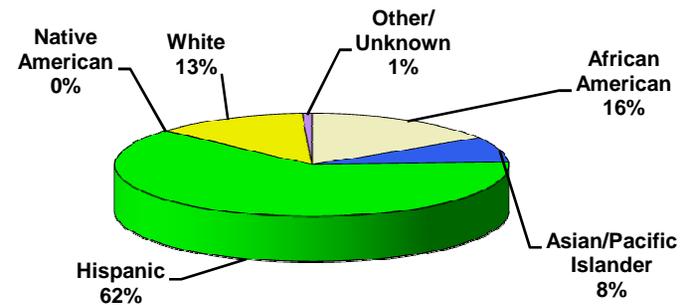
**Early Preterm Live Births, as Percent of Total Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Race/Ethnicity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	396	3.4	3.1	3.8
Asian/Pacific Islander	199	1.2	1.0	1.4
Hispanic	1,525	1.6	1.5	1.7
Native American	3	N/C	N/C	N/C
White	307	1.2	1.0	1.3
Other/Unknown	19	3.0	1.7	4.3
<b>Total</b>	<b>2,449</b>	<b>1.6</b>	<b>1.5</b>	<b>1.7</b>

Total Live Births
11,531
16,665
96,490
235
26,279
637
<b>151,837</b>

**Percent Distribution of Early Preterm Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2007**



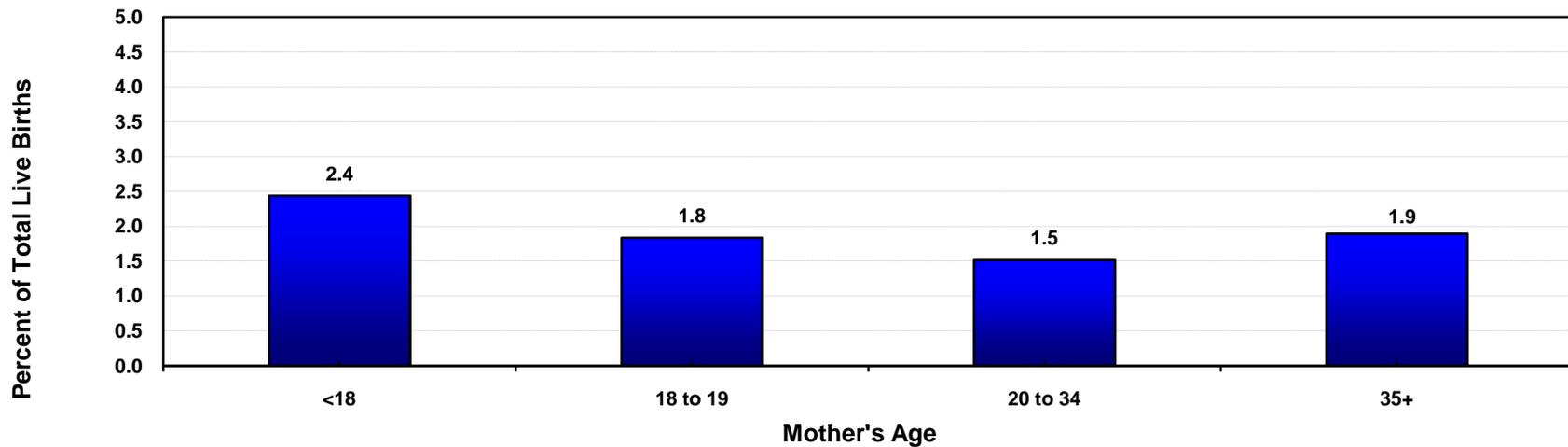
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Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

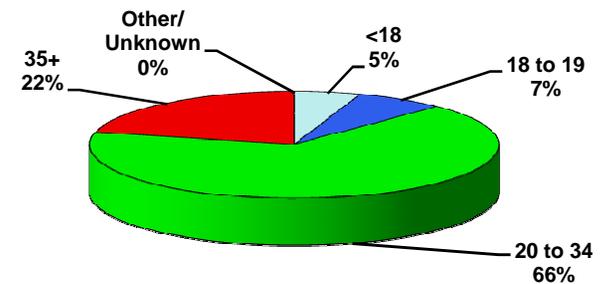
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by Mother's Age  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Age	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	129	2.4	2.0	2.9
18 to 19	177	1.8	1.6	2.1
20 to 34	1,647	1.5	1.4	1.6
35+	533	1.9	1.7	2.1
Other/Unknown	0	N/C	N/C	N/C
<b>Total</b>	<b>2,486</b>	<b>1.6</b>	<b>1.6</b>	<b>1.7</b>

Total Live Births
5,289
9,643
108,700
28,164
17
<b>151,813</b>

**Percent Distribution of Early Preterm Live Births  
by Mother's Age  
Los Angeles County, 2007**



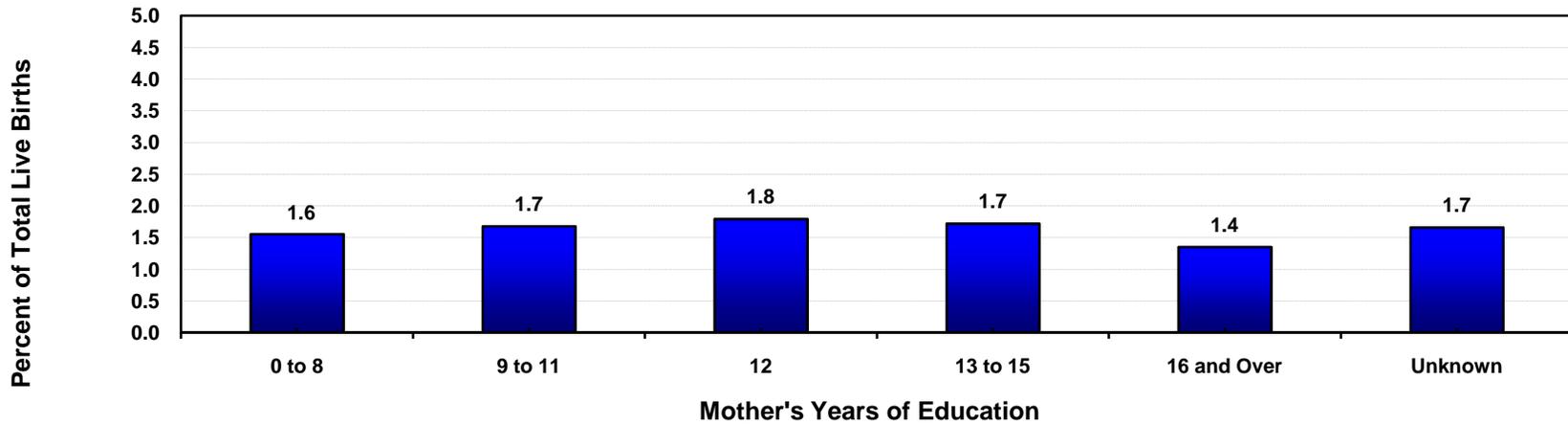
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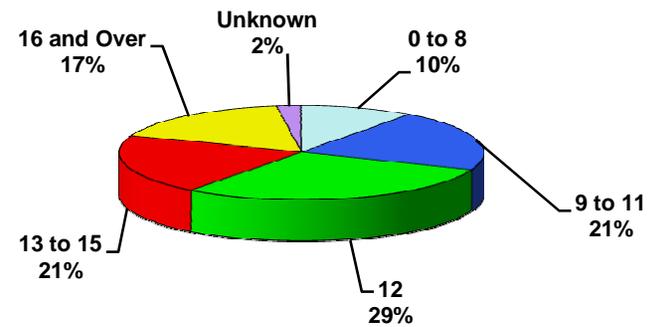
**Early Preterm Live Births, as Percent of Total Live Births  
by Mother's Years of Education  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Years of Education	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	250	1.6	1.4	1.7
9 to 11	521	1.7	1.5	1.8
12	729	1.8	1.7	1.9
13 to 15	508	1.7	1.6	1.9
16 and Over	424	1.4	1.2	1.5
Unknown	54	1.7	1.2	2.1
<b>Total</b>	<b>2,486</b>	<b>1.6</b>	<b>1.6</b>	<b>1.7</b>

Total Live Births
16,058
31,019
40,643
29,516
31,329
3,248
<b>151,813</b>

**Percent Distribution of Early Preterm Live Births  
by Mother's Years of Education  
Los Angeles County, 2007**



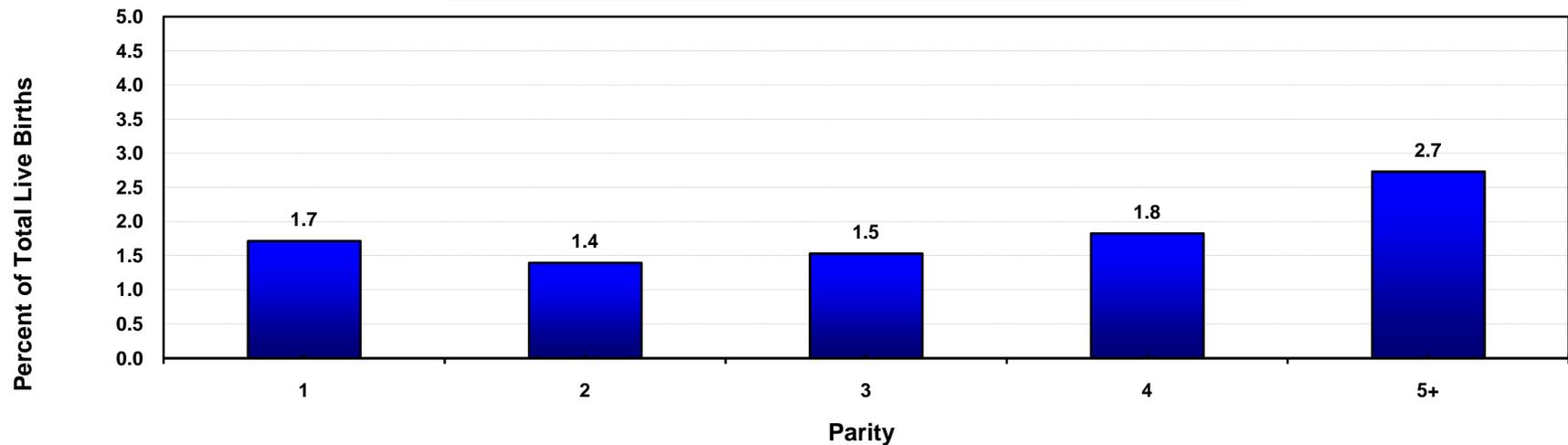
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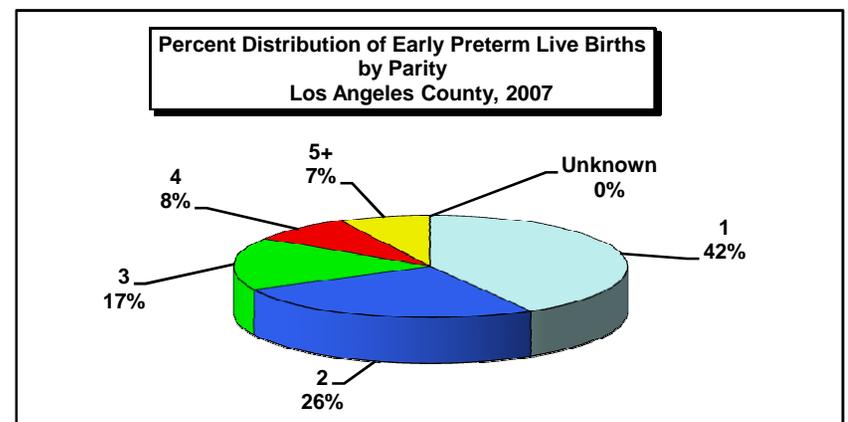
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by Parity  
Los Angeles County, 2007**



Los Angeles County, 2007				
Parity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	1,032	1.7	1.6	1.8
2	649	1.4	1.3	1.5
3	409	1.5	1.4	1.7
4	209	1.8	1.6	2.1
5+	185	2.7	2.3	3.1
Unknown	2	N/C	N/C	N/C
<b>Total</b>	<b>2,486</b>	<b>1.6</b>	<b>1.6</b>	<b>1.7</b>

Total Live Births
60,161
46,471
26,743
11,438
6,774
226
<b>151,813</b>



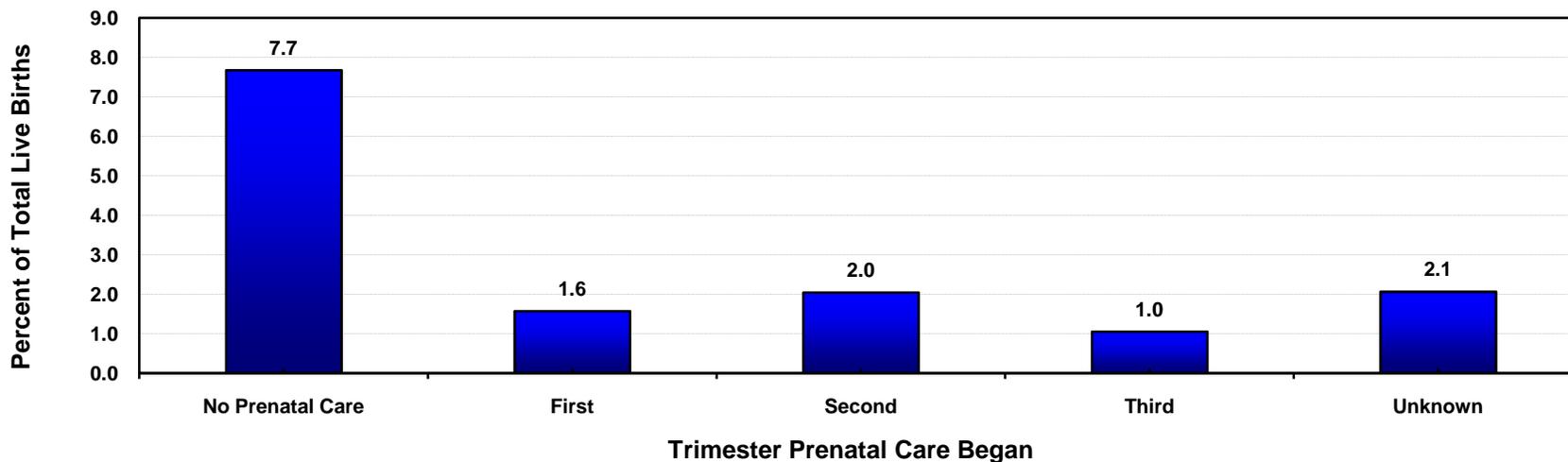
Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks.

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

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

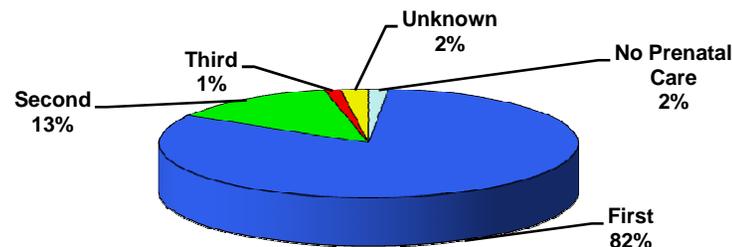
**Early Preterm Live Births, as Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Trimester Prenatal Care Began	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	37	7.7	5.3	10.1
First	2,037	1.6	1.5	1.6
Second	327	2.0	1.8	2.3
Third	31	1.0	0.7	1.4
Unknown	54	2.1	1.5	2.6
<b>Total</b>	<b>2,486</b>	<b>1.6</b>	<b>1.6</b>	<b>1.7</b>

Total Live Births
482
129,741
16,013
2,957
2,620
<b>151,813</b>

**Percent Distribution of Early Preterm Live Births  
by Mother's Trimester Prenatal Care Began  
Los Angeles County, 2007**



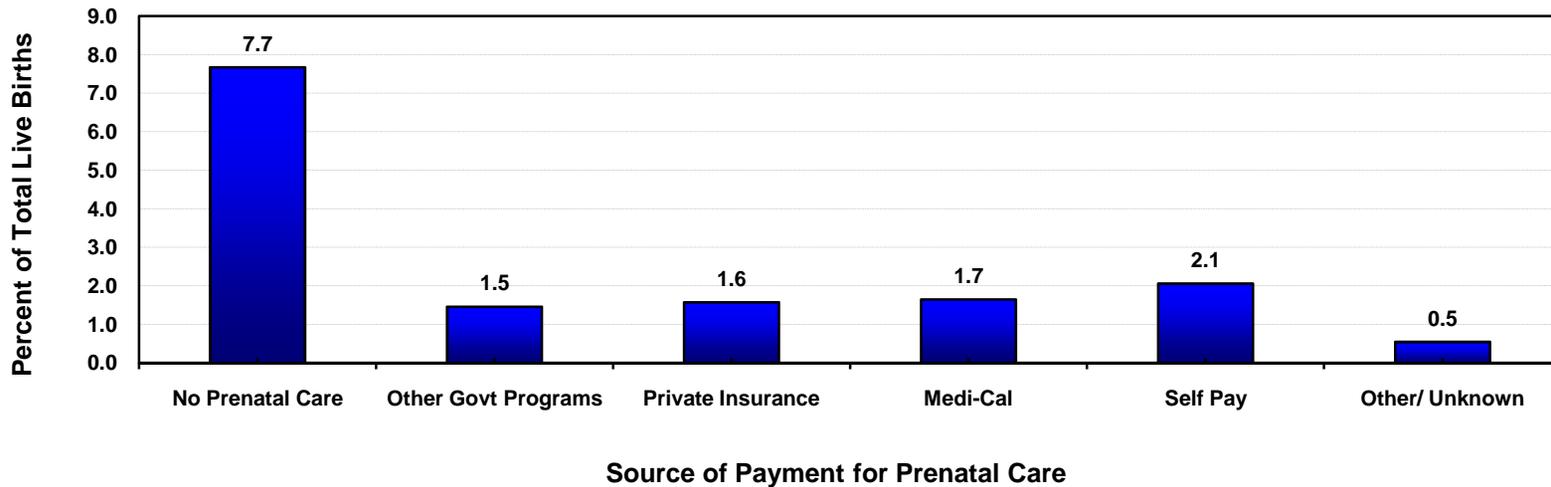
Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks.

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

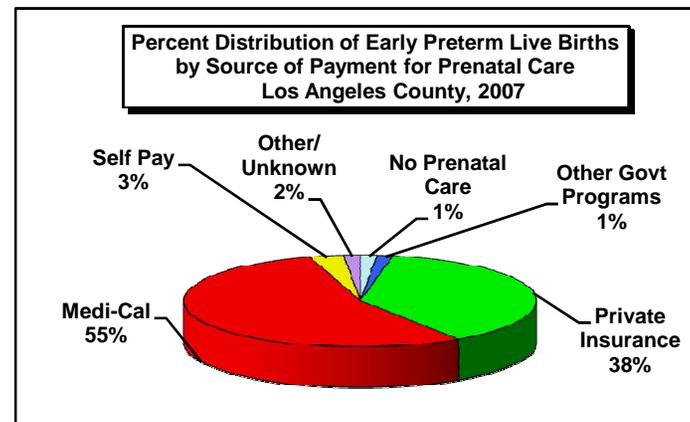
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Early Preterm Live Births, as Percent of Total Live Births  
by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2007**



Los Angeles County, 2007				
Source of Payment for Prenatal Care	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	37	7.7	5.3	10.1
Other Govt Programs	35	1.5	1.0	1.9
Private Insurance	915	1.6	1.5	1.7
Medi-Cal	1,331	1.7	1.6	1.7
Self Pay	76	2.1	1.6	2.5
Other/ Unknown	37	0.5	0.4	0.7
<b>Total</b>	<b>2,431</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>

Total Live Births
482
2,391
57,928
80,578
3,687
6,747
<b>151,813</b>



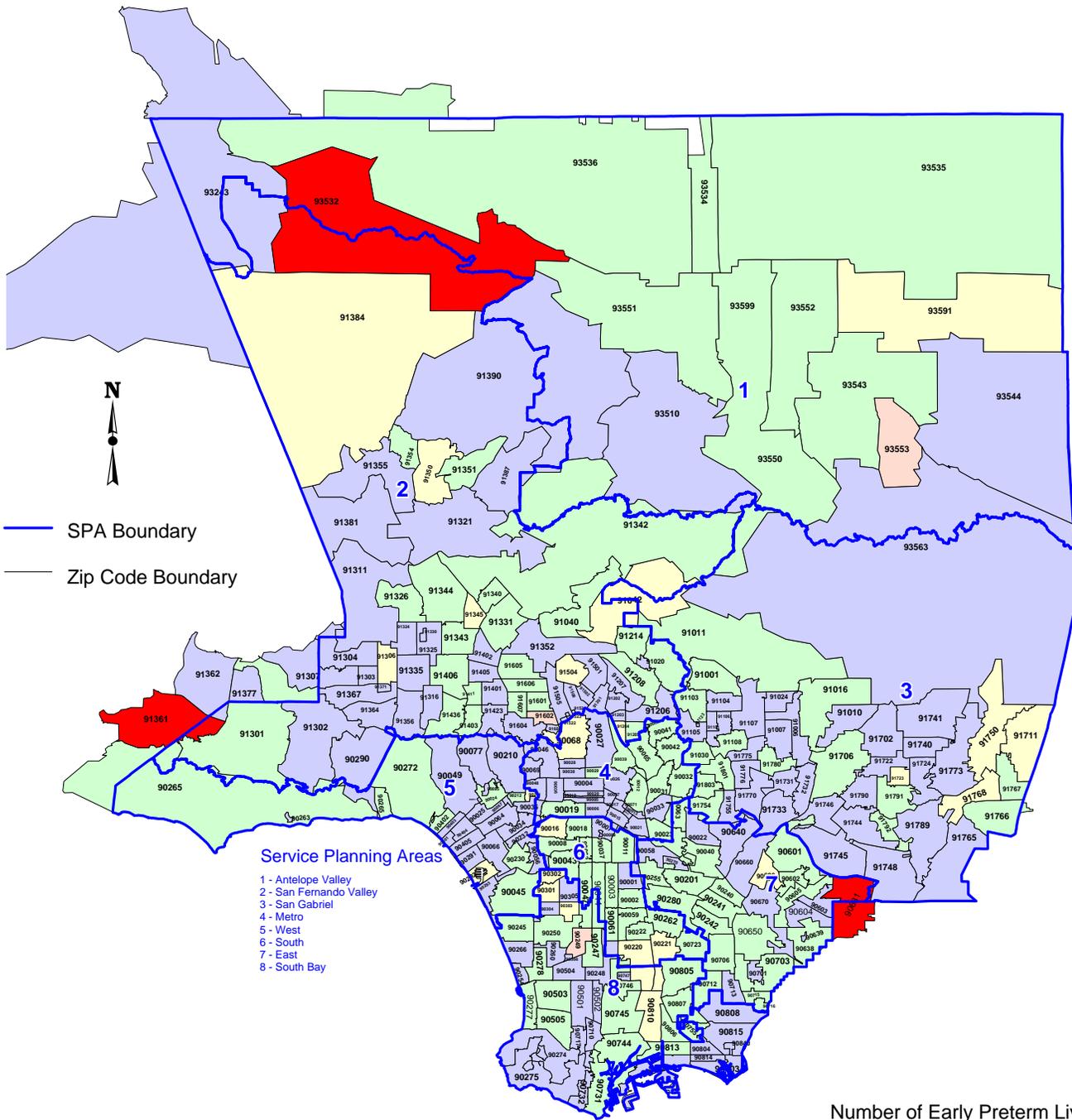
Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks.

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

Los Angeles County - Department of Public Health  
**Number of Early Preterm Live Births  
 by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2007



\* Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2007 = 151,813  
 Total number of preterm births in Los Angeles County, 2007 = 2,486

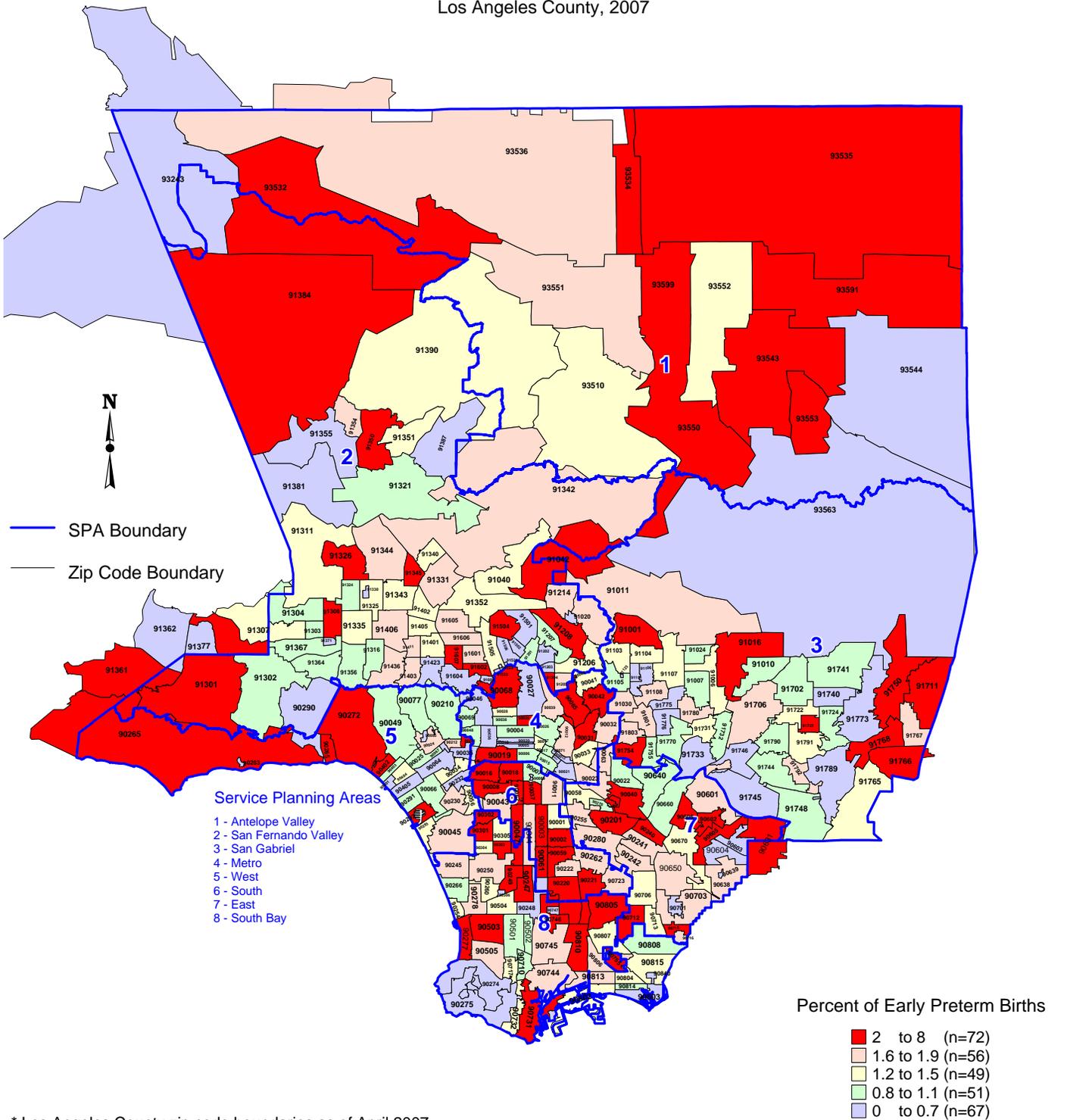
Note: Early preterm birth is defined as birth occurring at less than 32 weeks of gestation

n = total number of zip codes in range

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2007

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

Los Angeles County, 2007



\* Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2007 = 151,813  
 Total number of preterm births in Los Angeles County, 2007 = 2,486

n = total number of zip codes in range

Note: Early preterm birth is defined as birth occurring at less than 32 weeks of gestation

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2007

**TITLE V INDICATOR TEMPLATE**

**INDICATOR:** Percent of Moderate Preterm Live Births

**DEFINITION:** The percent of live births occurring at 32 weeks to 36 weeks of gestation.

**NUMERATOR:** The number of live births occurring at 32 weeks to 36 weeks of gestation, 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 moderate preterm live births to an incidence of no more than 6.4 percent of live births.  
(Baseline: 9.6 percent in 1998) (Objective 16-11b)

**RISK FACTORS:**

Young or old maternal age; low income; race/ethnicity (African American); short interpregnancy intervals; multiple gestation; poor reproductive history; certain uterine or cervical abnormalities; certain birth defects in the baby; obesity; prior preterm birth; no prenatal care or late entry into prenatal care; low prepregnancy weight; tobacco use during pregnancy; alcohol/substance abuse during pregnancy; low pregnancy weight gain; stress during pregnancy; strenuous exertion during pregnancy; long working hours with long periods of standing; diabetes; high blood pressure; clotting disorders (thrombophilia); vaginal bleeding; vaginal infections; urinary tract infections; domestic violence; being pregnant with a single fetus after in vitro fertilization (IVF)

Year	California				Los Angeles County			
	Moderate Preterm		95% Confidence Interval		Moderate Preterm		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
1998	44,163	8.5	8.4	8.5	14,385	9.1	8.9	9.2
1999	43,696	8.4	8.4	8.5	14,075	9.0	8.9	9.2
2000	44,450	8.4	8.3	8.4	13,588	8.6	8.5	8.8
2001	44,148	8.4	8.3	8.4	13,306	8.7	8.5	8.8
2002	44,162	8.3	8.3	8.4	12,850	8.5	8.4	8.6
2003	46,348	8.6	8.5	8.6	13,526	8.9	8.7	9.0
2004	47,329	8.7	8.6	8.8	13,782	9.1	9.0	9.2
2005	50,014	9.1	9.0	9.2	14,625	9.7	9.6	9.9
2006	50,692	9.0	8.9	9.1	14,637	9.6	9.5	9.8
2007	N/A	N/C	N/C	N/C	14,828	9.8	9.6	9.9

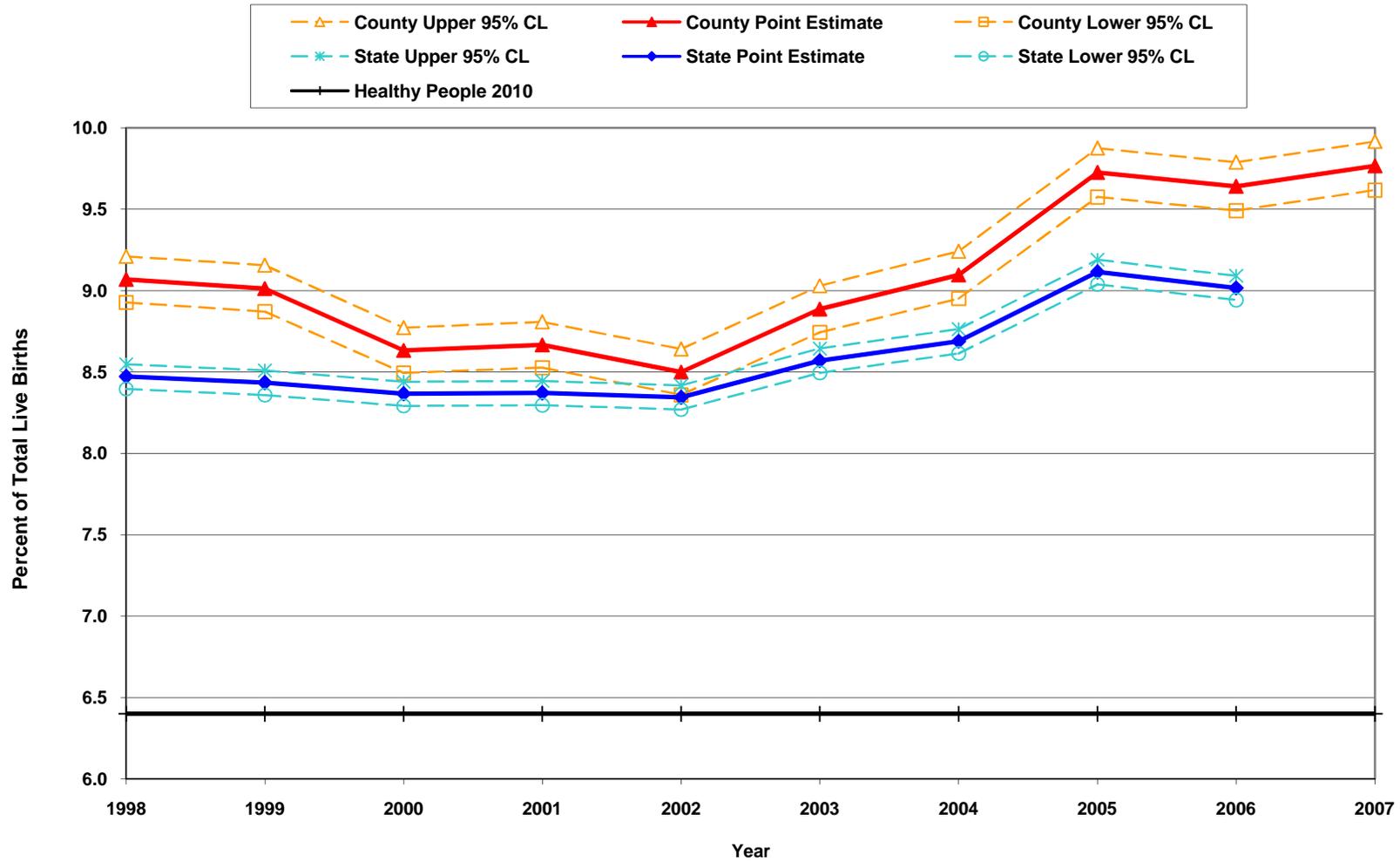
Denominator: Live Births		
Year	California	LA County
1998	521,265	158,604
1999	518,073	156,153
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813

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

Note: Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.

2007 data not available as of retrieval

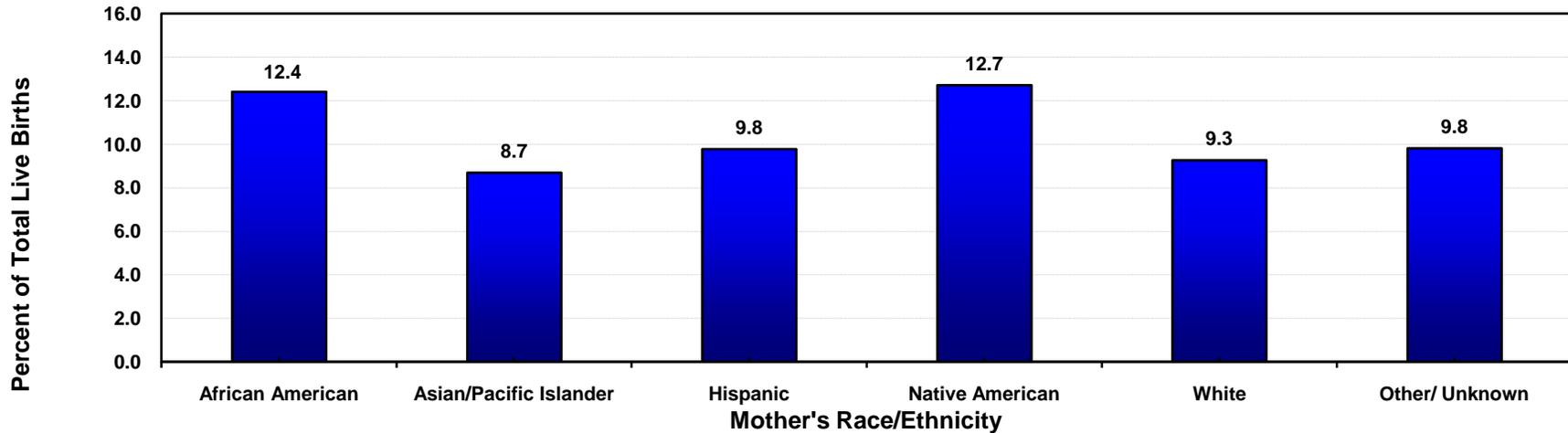
### Percent of Moderate Preterm Live Births California vs. Los Angeles County, 1997-2007



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

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

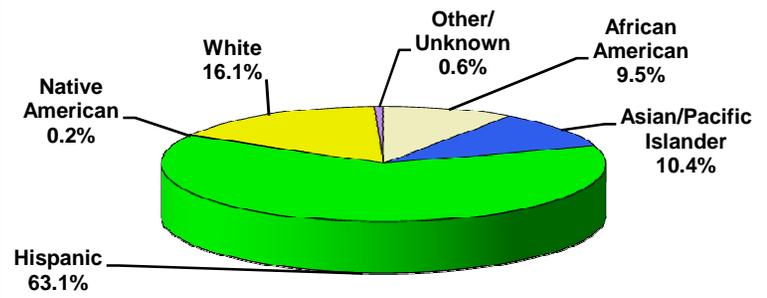
**Moderate Preterm Live Births, as Percent of Total Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Race/Ethnicity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,416	12.4	11.8	13.0
Asian/Pacific Islander	1,544	8.7	8.3	9.1
Hispanic	9,358	9.8	9.6	10.0
Native American	30	12.7	8.5	17.0
White	2,386	9.3	8.9	9.6
Other/Unknown	94	9.8	7.9	11.7
<b>Total</b>	<b>14,828</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>

Total Live Births
11,406
17,769
95,686
236
25,758
958
<b>151,813</b>

**Percent Distribution of Moderate Preterm Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2007**



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

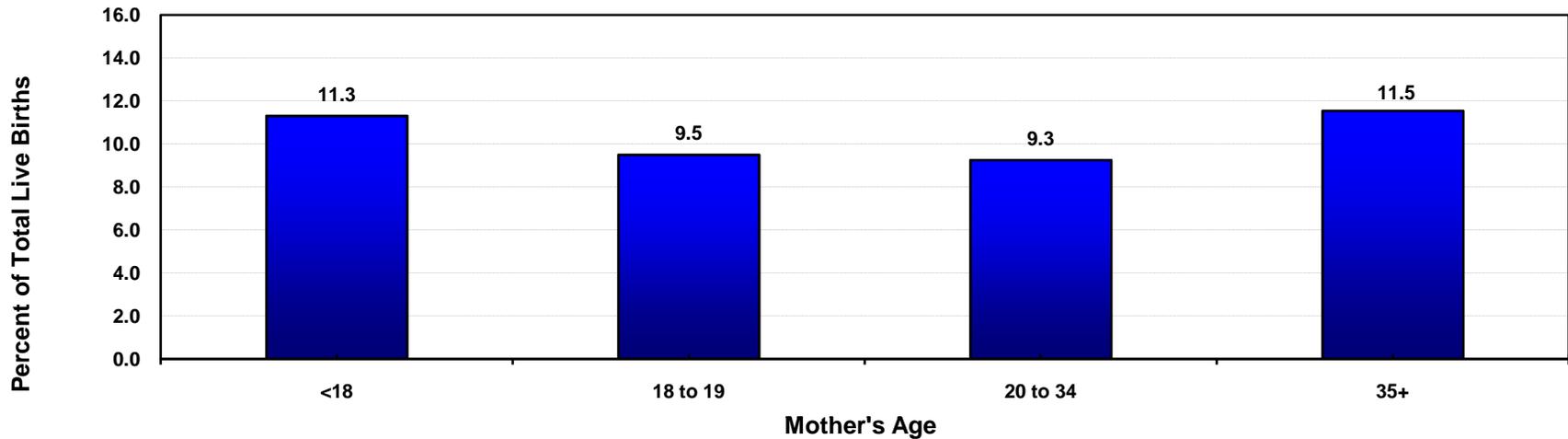
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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

Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.

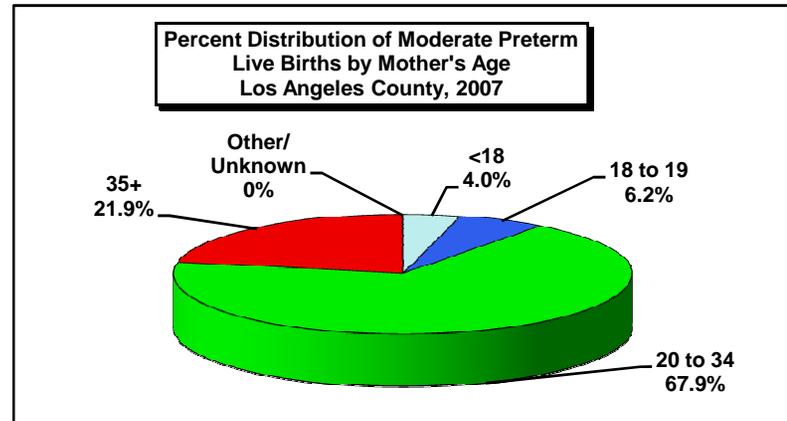
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Moderate Preterm Live Births, as Percent of Total Live Births  
by Mother's Age  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Age	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	598	11.3	10.5	12.2
18 to 19	915	9.5	8.9	10.1
20 to 34	10,061	9.3	9.1	9.4
35+	3,251	11.5	11.2	11.9
Other/Unknown	3	N/C	N/C	N/C
<b>Total</b>	<b>14,828</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>

Total Live Births
5,289
9,643
108,700
28,164
17
<b>151,813</b>



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

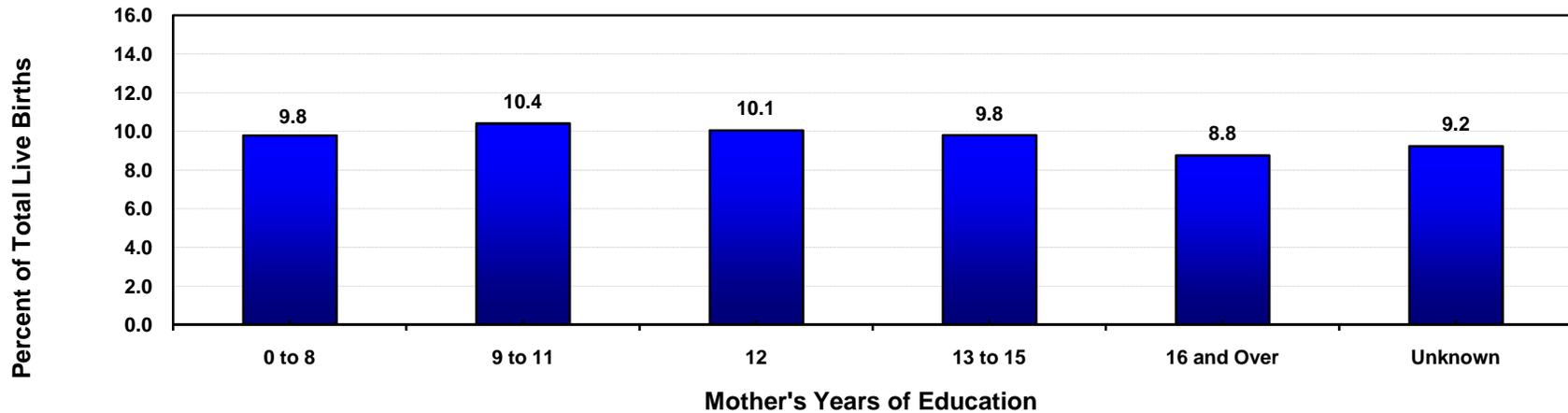
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Rates are not calculated (N/C) if number is fewer than five.

Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.

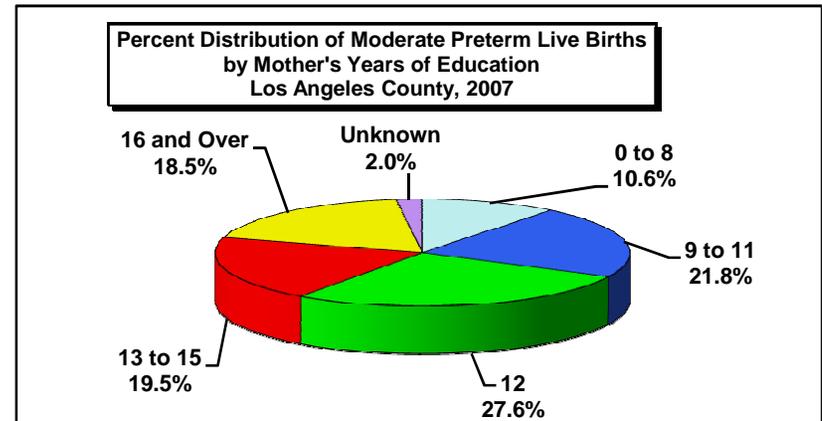
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Moderate Preterm Live Births, as Percent of Total Live Births  
by Mother's Years of Education  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Years of Education	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	1,573	9.8	9.3	10.3
9 to 11	3,230	10.4	10.1	10.8
12	4,087	10.1	9.8	10.3
13 to 15	2,894	9.8	9.5	10.1
16 and Over	2,744	8.8	8.4	9.1
Unknown	300	9.2	8.2	10.2
<b>Total</b>	<b>14,828</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>

Total Live Births
16,058
31,019
40,643
29,516
31,329
3,248
<b>151,813</b>



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

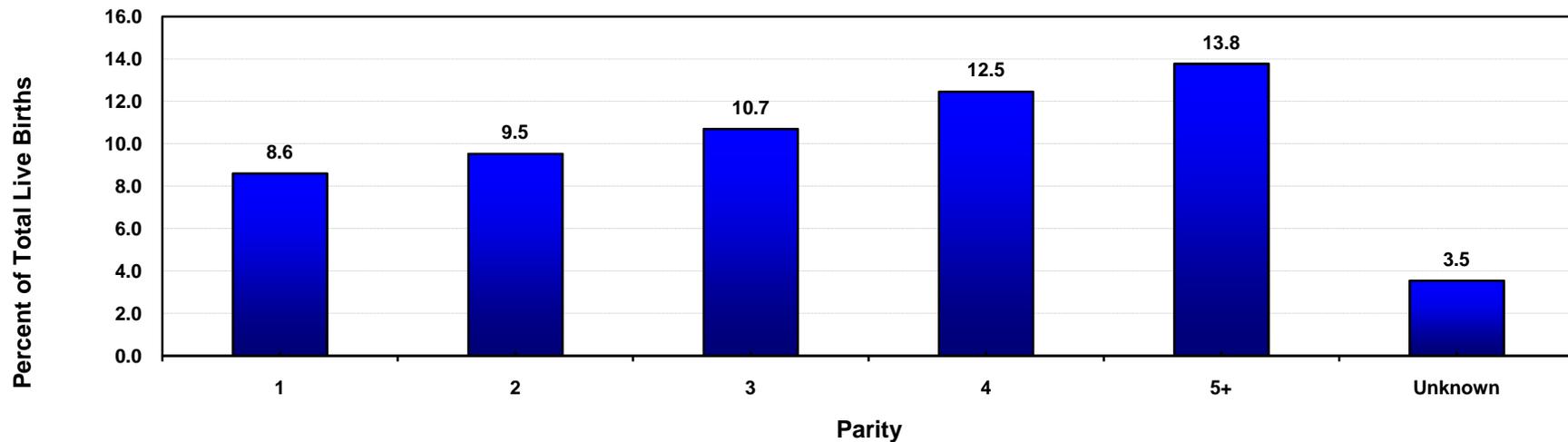
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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

Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.

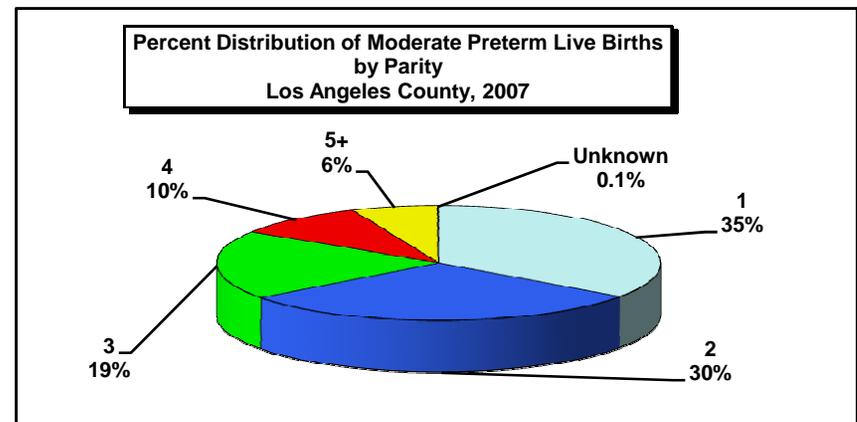
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Moderate Preterm Live Births, as Percent of Total Live Births  
by Parity  
Los Angeles County, 2007**



Los Angeles County, 2007				
Parity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	5,172	8.6	8.4	8.8
2	4,428	9.5	9.3	9.8
3	2,862	10.7	10.3	11.1
4	1,425	12.5	11.9	13.1
5+	933	13.8	13.0	14.6
Unknown	8	3.5	1.1	5.9
<b>Total</b>	<b>14,828</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>

Total Live Births
60,161
46,471
26,743
11,438
6,774
226
151,813



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

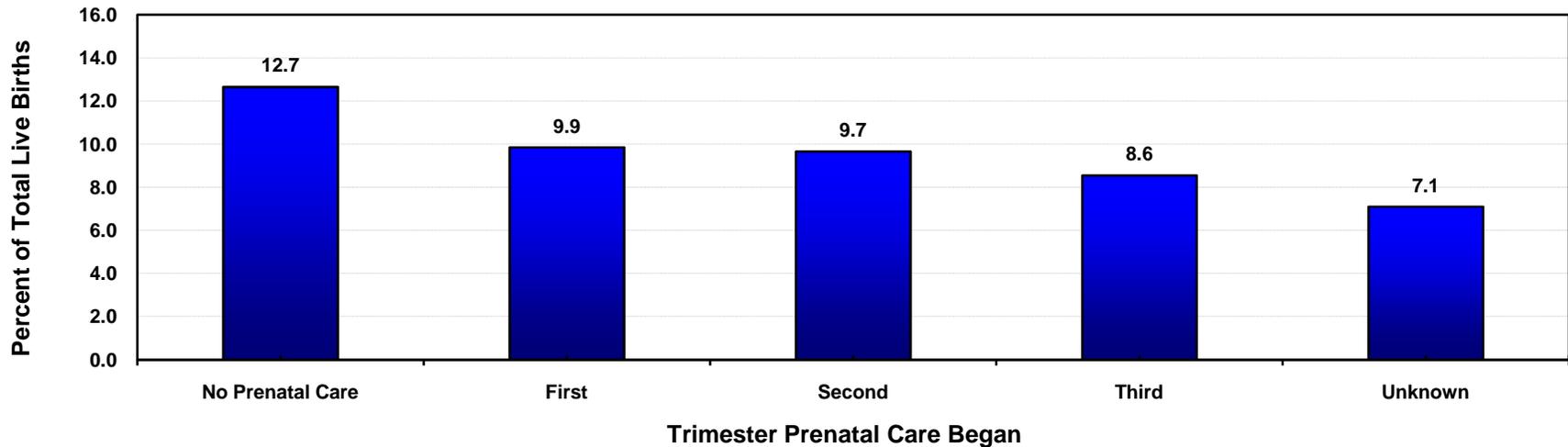
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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

Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.

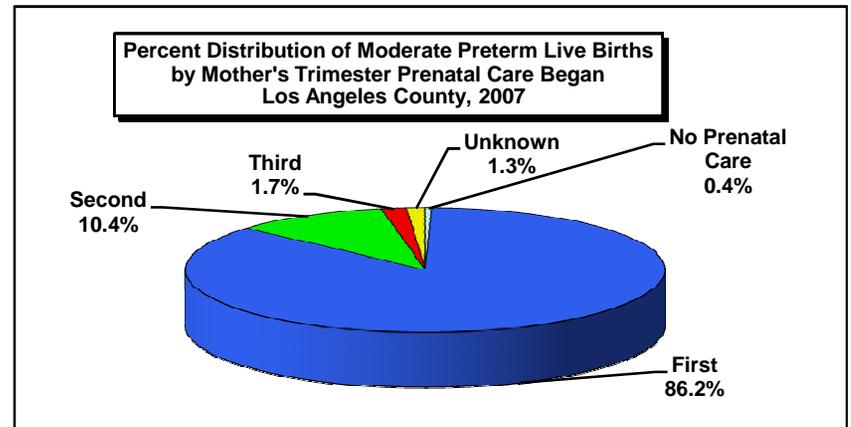
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Moderate Preterm Live Births, as Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2007**



Los Angeles County, 2007				
Mother's Trimester Prenatal Care Began	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	61	12.7	9.7	15.6
First	12,781	9.9	9.7	10.0
Second	1,547	9.7	9.2	10.1
Third	253	8.6	7.5	9.6
Unknown	186	7.1	6.1	8.1
<b>Total</b>	<b>14,828</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>

Total Live Births
482
129,741
16,013
2,957
2,620
<b>151,813</b>



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

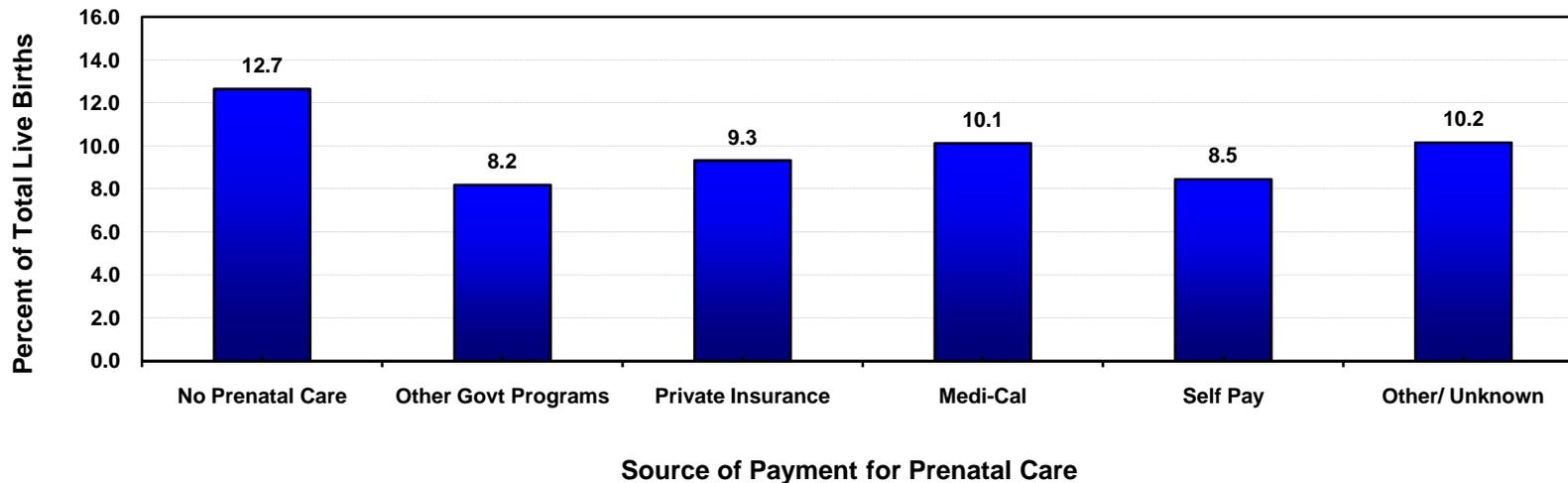
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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

Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.

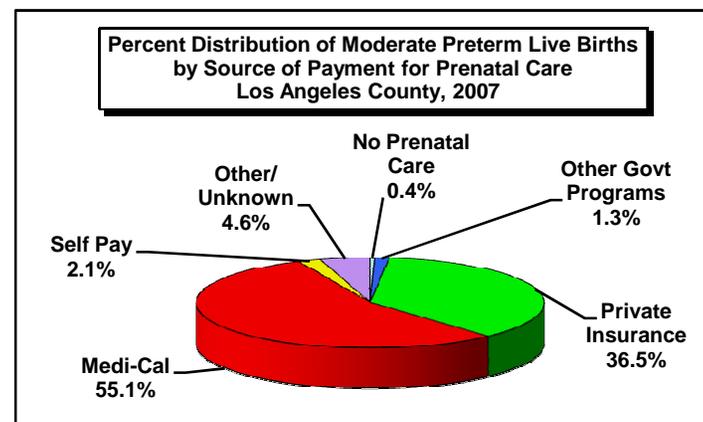
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

**Moderate Preterm Live Births, as Percent of Total Live Births  
by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2007**



Los Angeles County, 2007				
Source of Payment for Prenatal Care	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	61	12.7	9.7	15.6
Other Govt Programs	196	8.2	7.1	9.3
Private Insurance	5,408	9.3	9.1	9.6
Medi-Cal	8,165	10.1	9.9	10.3
Self Pay	312	8.5	7.6	9.4
Other/ Unknown	686	10.2	9.4	10.9
<b>Total</b>	<b>14,828</b>	<b>9.8</b>	<b>9.6</b>	<b>9.9</b>

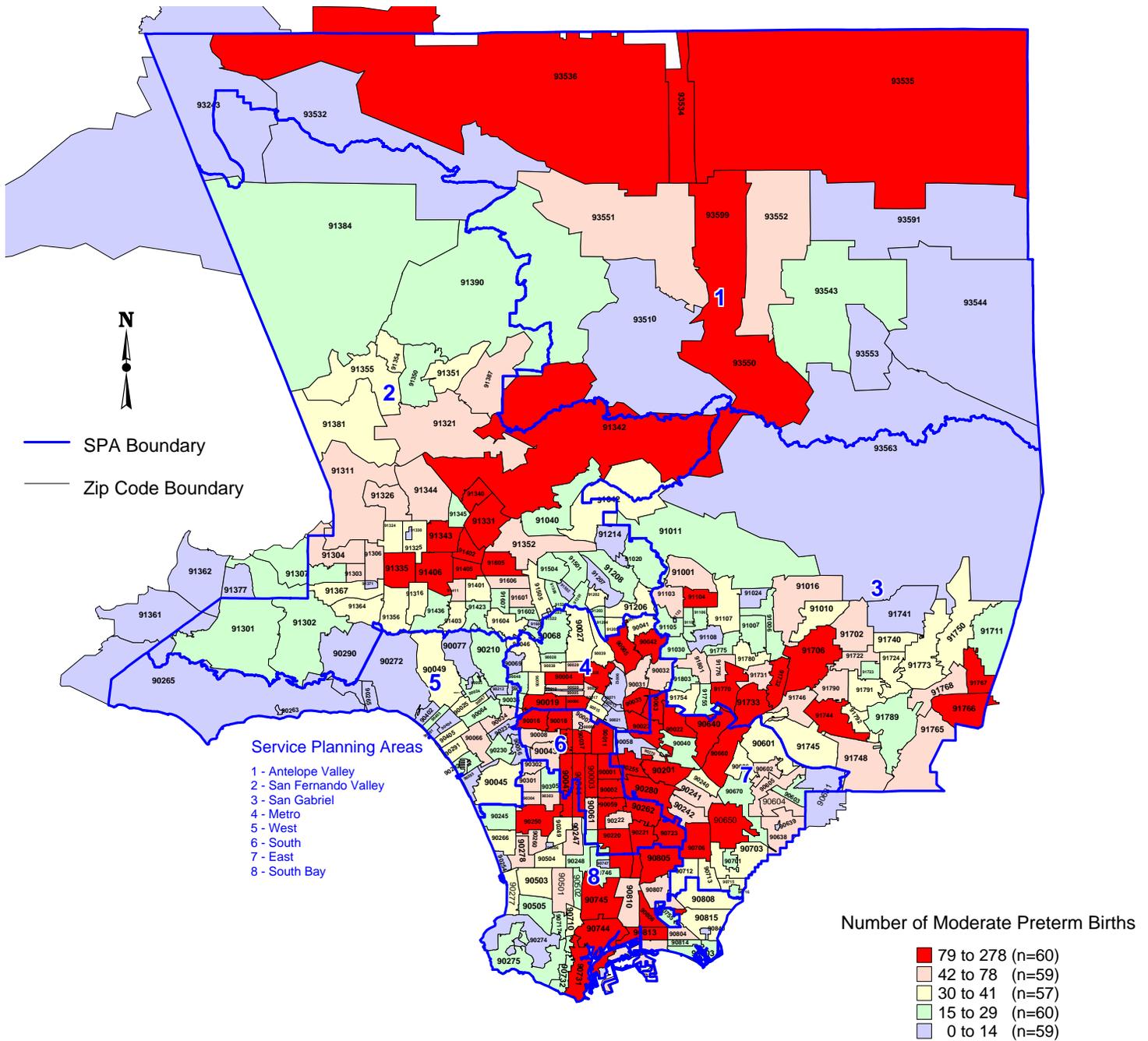
Total Live Births
482
2,391
57,928
80,578
3,687
6,747
<b>151,813</b>



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.  
 Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.  
 Calculation of Moderate Preterm was updated as of 2008. Data reflected in this report supercedes previous years.  
 Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2007.

Los Angeles County - Department of Public Health  
**Number of Moderate Preterm Live Births  
 by Zip Code\* and Service Planning Area (SPA)**

Los Angeles County, 2007



\* Los Angeles County zip code boundaries as of April 2007

n = total number of zip codes in range

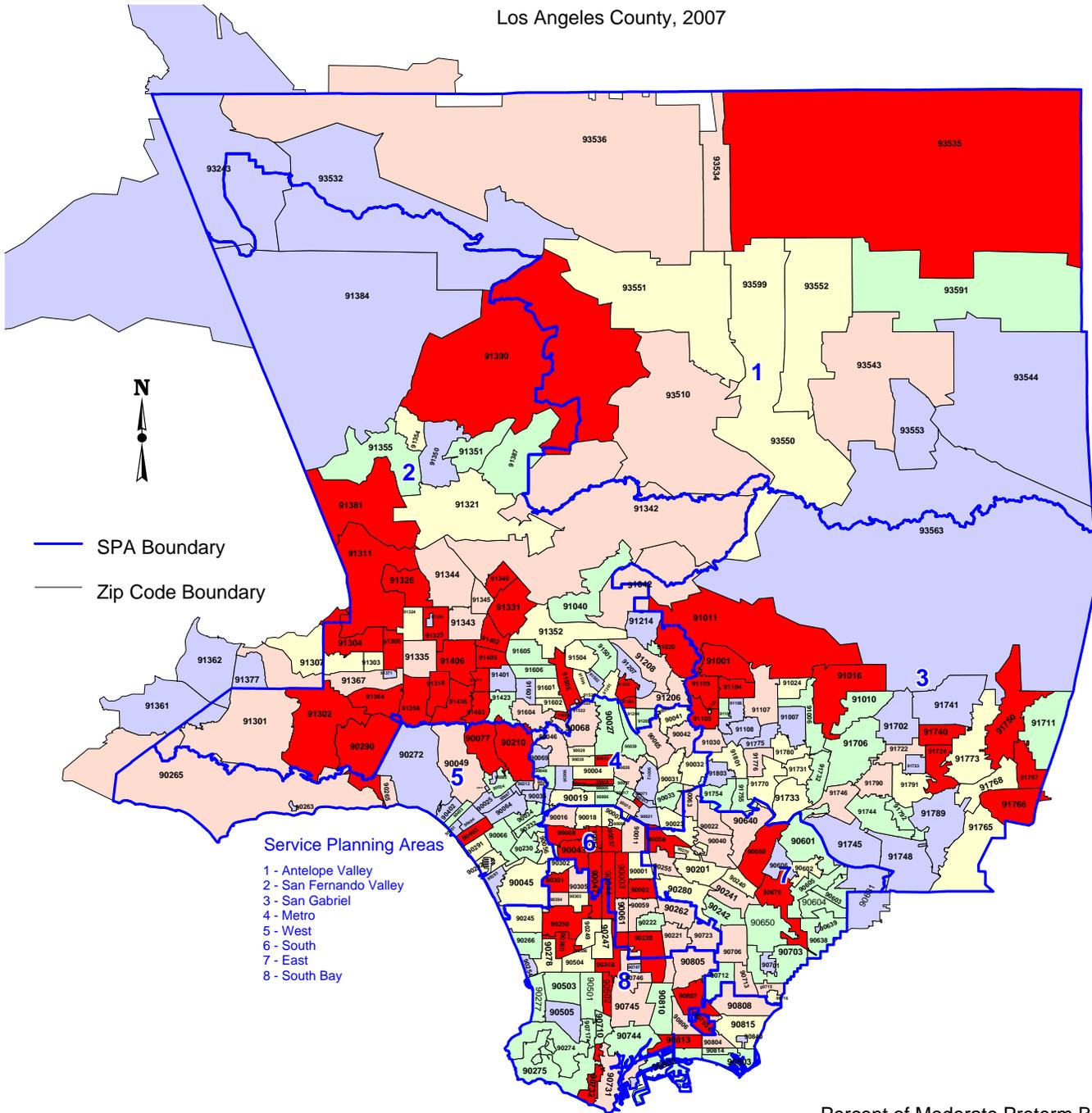
Total number of live births in Los Angeles County, 2007 = 151,813  
 Total number of moderate preterm births in Los Angeles County, 2007 = 14,828

Note: Moderate preterm live birth is defined as live birth occurring between 32 and 37 weeks of gestation

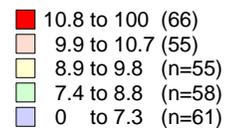
Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2007

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

Los Angeles County, 2007



Percent of Moderate Preterm Births



\* Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2007 = 151,813  
 Total number of moderate preterm births in Los Angeles County, 2007 = 14,828

n = total number of zip codes in range

Note: Moderate preterm live birth is defined as live birth occurring between 32 and 37 weeks of gestation

Source: California Department of Health Services  
 Center for Health Statistics, Vital Statistics, 2007