

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 and greater than or equal to 17 weeks, 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)

HEALTHY PEOPLE 2020 OBJECTIVE:

Reduce preterm births to an incidence of no more than 11.4 percent of live births.
(Baseline: 12.7 percent in 2007) (Objective MICH-9.1)

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
2000	52,522	9.9	9.8	10.0	16,021	10.2	10.0	10.3
2001	51,974	9.9	9.8	9.9	15,792	10.3	10.1	10.4
2002	52,067	9.8	9.8	9.9	15,282	10.1	10.0	10.3
2003	54,311	10.0	10.0	10.1	15,830	10.4	10.2	10.6
2004	55,738	10.2	10.2	10.3	16,188	10.7	10.5	10.8
2005	59,225	10.8	10.7	10.9	17,186	11.4	11.3	11.6
2006	59,824	10.6	10.6	10.7	17,086	11.3	11.1	11.4
2007	60,451	10.7	10.6	10.8	17,314	11.4	11.2	11.6
2008	60,451	11.0	10.9	11.0	16,248	11.0	10.8	11.2
2009	53,081	10.1	10.0	10.2	14,914	10.7	10.5	10.8

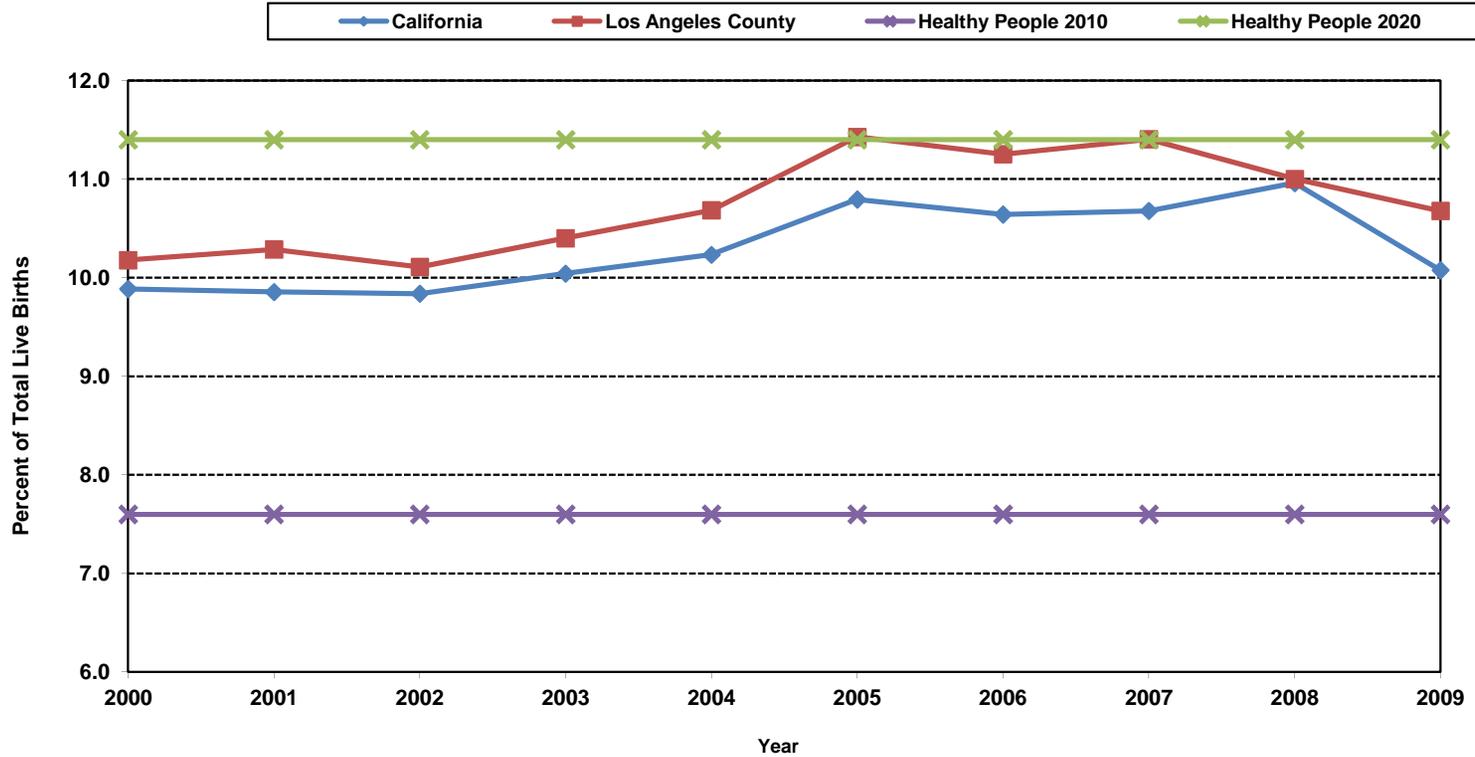
Denominator: Live Births		
Year	California	LA County
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813
2008	551,567	147,684
2009	526,774	139,679

Note: Gestation is calculated from reported date of last menses.

California 2007-2009 data included live births occurring less than 17 weeks.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2000-2009.

Percent of Preterm Births California vs. Los Angeles County, 2000-2009



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

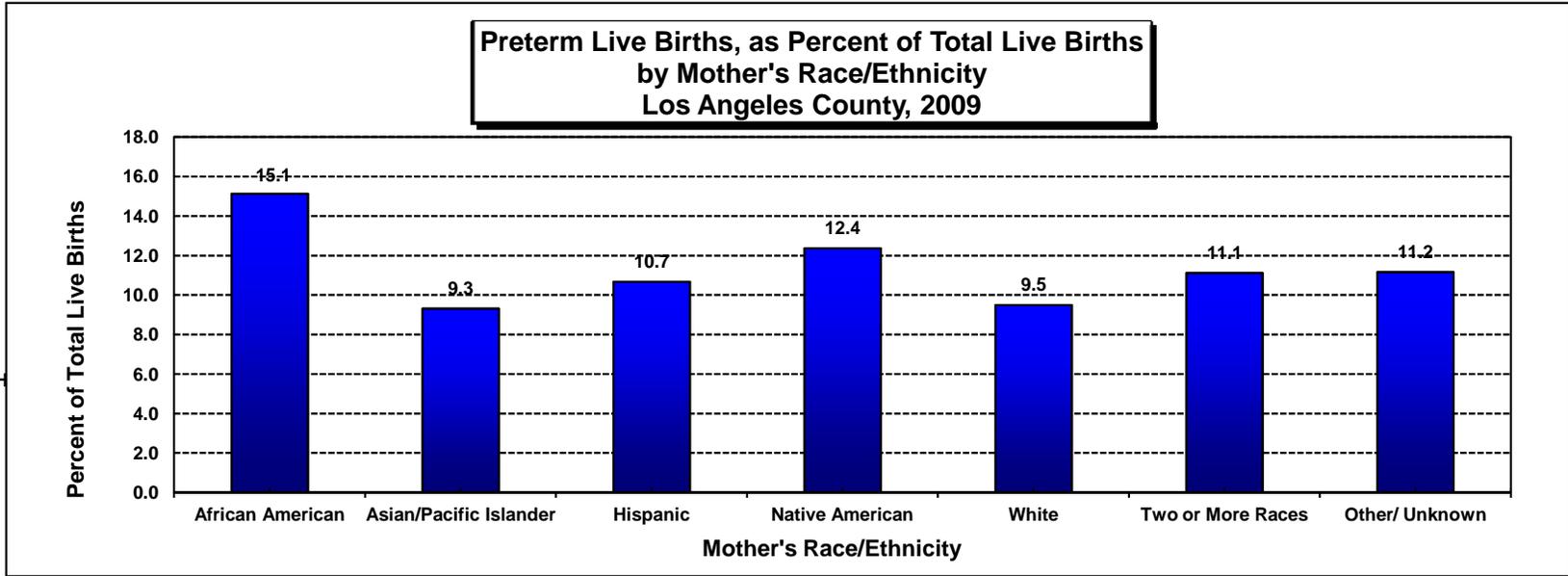
Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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.

California 2007-2009 data included live births occurring less than 17 weeks.

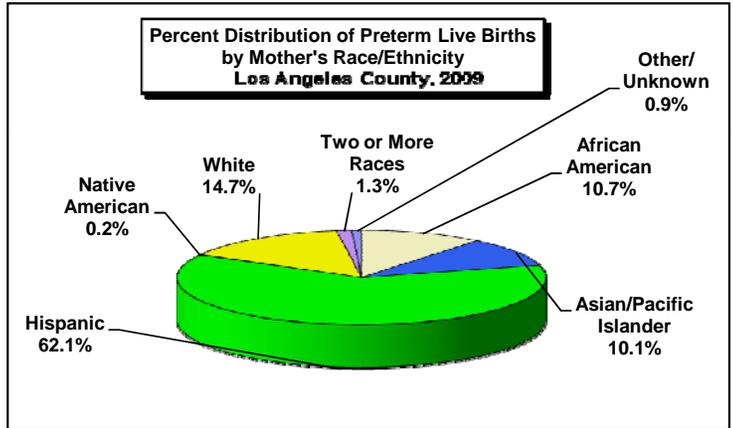
Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2000-2009.



Los Angeles County, 2009				
Mother's Race/Ethnicity	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,602	15.1	14.4	15.8
Asian/Pacific Islander	1,508	9.3	8.9	9.8
Hispanic	9,255	10.7	10.5	10.9
Native American	25	12.4	7.8	16.9
White	2,199	9.5	9.1	9.9
Two or More Races	196	11.1	9.7	12.6
Other/ Unknown	129	11.2	9.4	13.0
Total	14,914	10.7	10.5	10.8

Total Live Births
10,589
16,179
86,642
202
23,150
1,762
1,155
139,679



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

Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

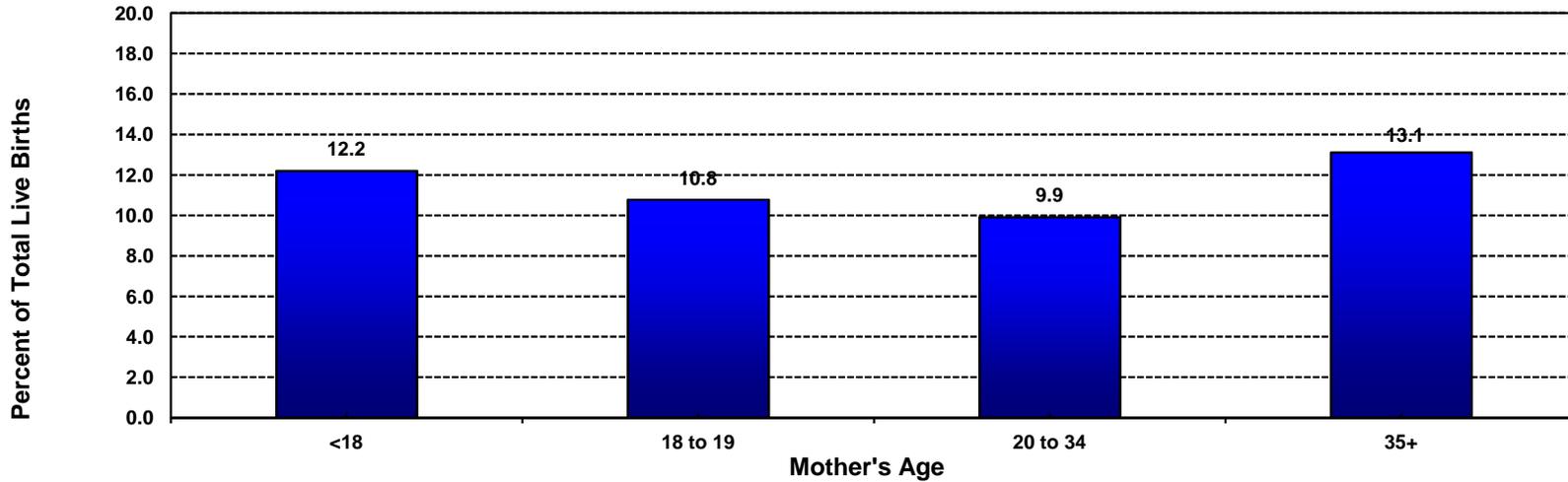
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks. Gestation is calculated from reported date of last menses.

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

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

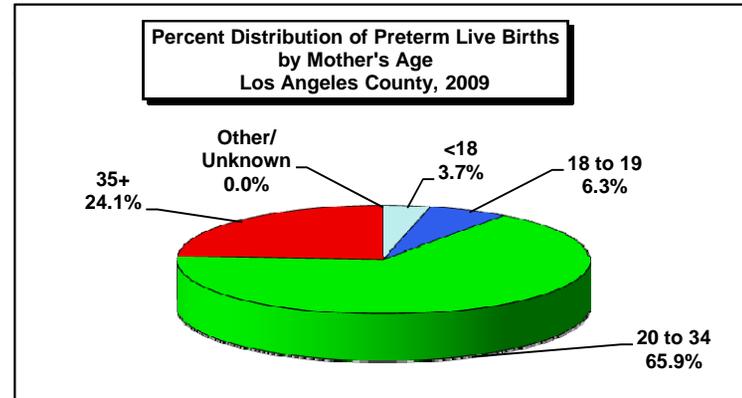
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Age	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	554	12.2	11.3	13.2
18 to 19	942	10.8	10.1	11.4
20 to 34	9,824	9.9	9.7	10.1
35+	3,593	13.1	12.7	13.5
Other/ Unknown	<5	N/C	N/C	N/C
Total	14,914	10.7	10.5	10.8

Total Live Births
4,539
8,739
98,993
27,396
12
139,679



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

Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

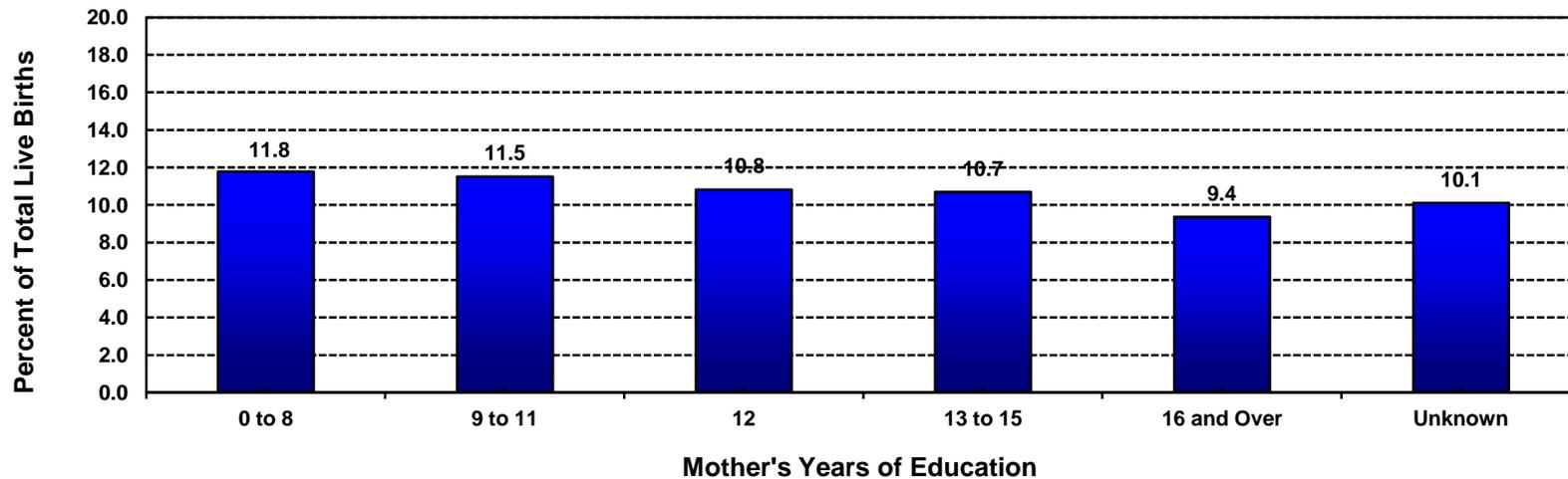
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

Gestation is calculated from reported date of last menses.

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

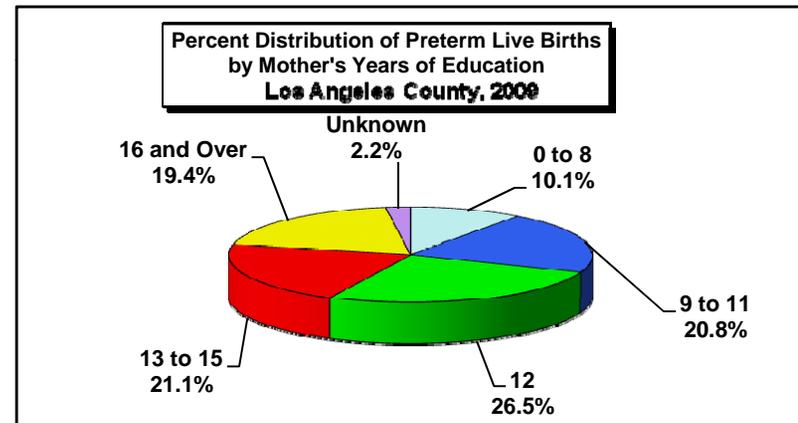
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Years of Education	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	1,504	11.8	11.2	12.3
9 to 11	3,099	11.5	11.1	11.9
12	3,945	10.8	10.5	11.1
13 to 15	3,149	10.7	10.3	11.0
16 and Over	2,891	9.4	9.0	9.7
Unknown	326	10.1	9.1	11.2
Total	14,914	10.7	10.5	10.8

Total Live Births
12,765
26,920
36,442
29,445
30,885
3,222
139,679



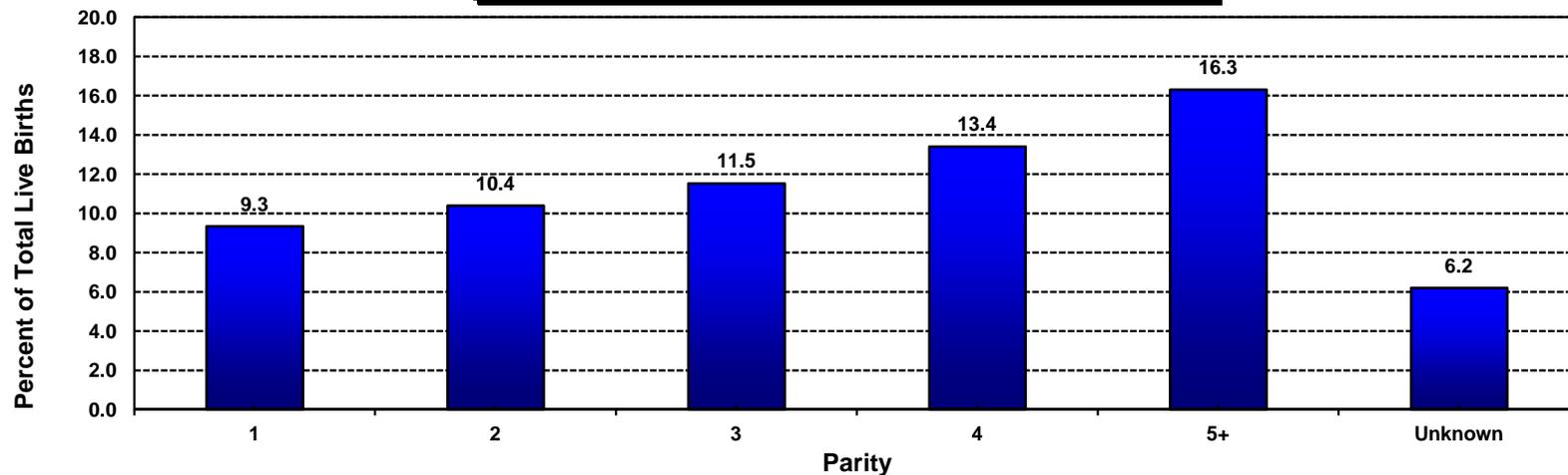
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 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. Gestation is calculated from reported date of last menses.

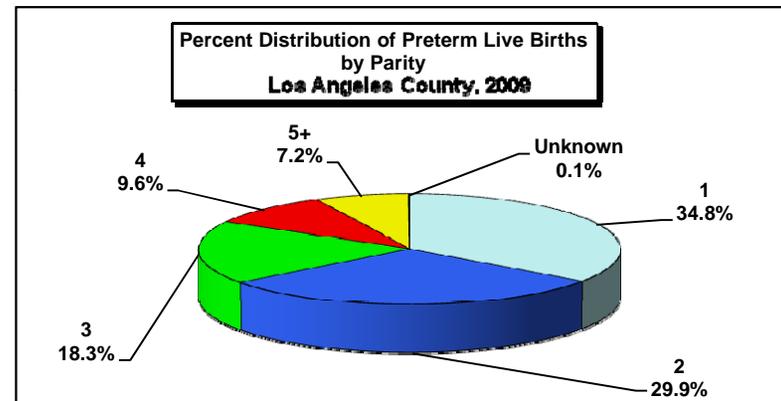
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2009**



Los Angeles County, 2009				
Parity	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	5,193	9.3	9.1	9.6
2	4,461	10.4	10.1	10.7
3	2,736	11.5	11.1	11.9
4	1,437	13.4	12.8	14.0
5+	1,078	16.3	15.4	17.2
Unknown	9	6.2	2.3	10.1
Total	14,914	10.7	10.5	10.8

Total Live Births
55,574
42,906
23,724
10,720
6,610
145
139,679



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

Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

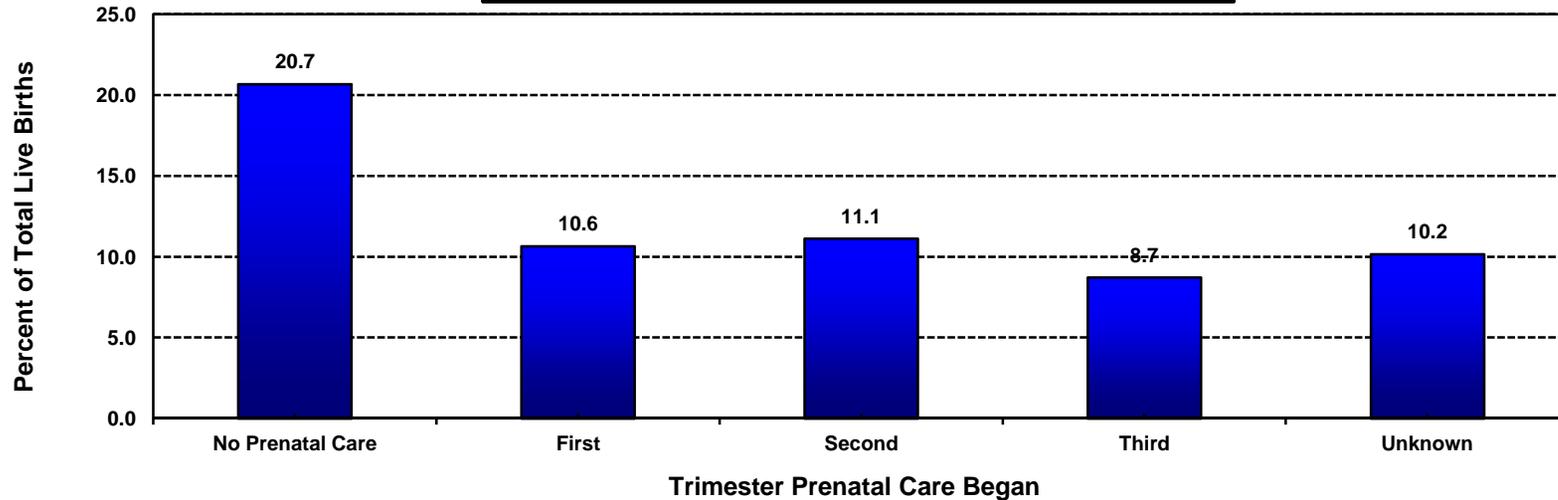
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

Gestation is calculated from reported date of last menses.

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

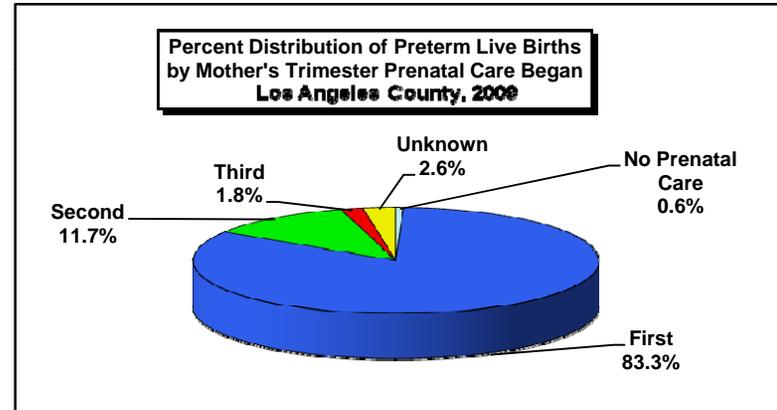
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

Preterm Live Births, as Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began Los Angeles County, 2009



Los Angeles County, 2009				
Mother's Trimester Prenatal Care Began	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	91	20.7	16.9	24.5
First	12,428	10.6	10.5	10.8
Second	1,742	11.1	10.6	11.6
Third	263	8.7	7.7	9.7
Unknown	390	10.2	9.2	11.1
Total	14,914	10.7	10.5	10.8

Total Live Births
440
116,717
15,666
3,014
3,842
139,679



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

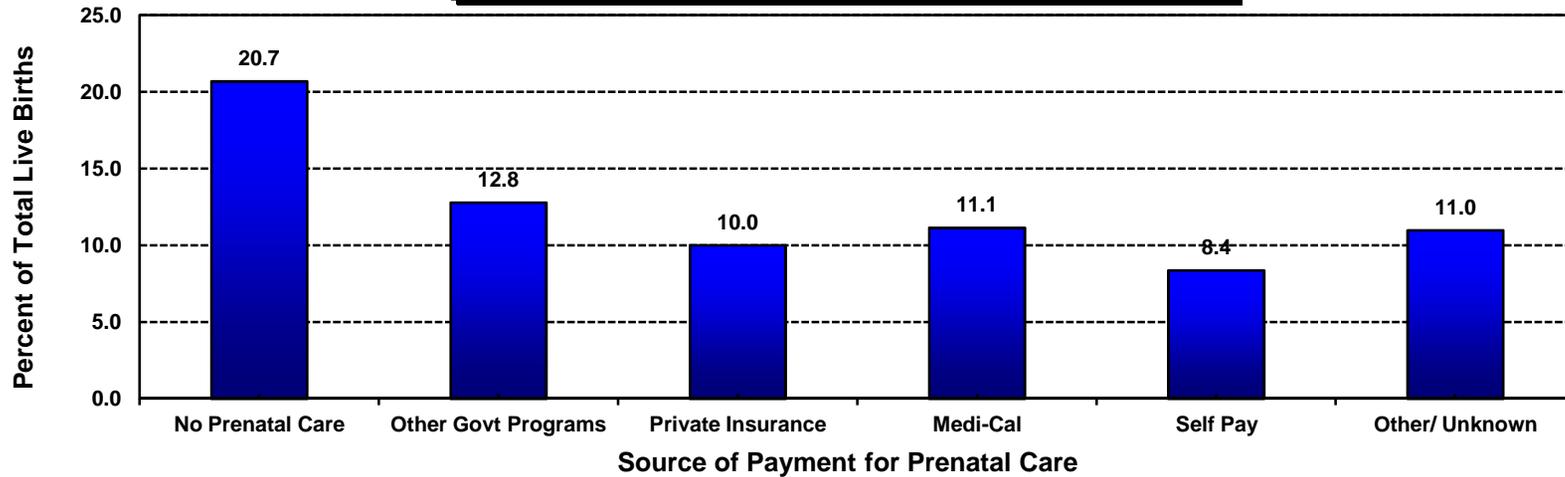
Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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. Gestation is calculated from reported date of last menses.

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

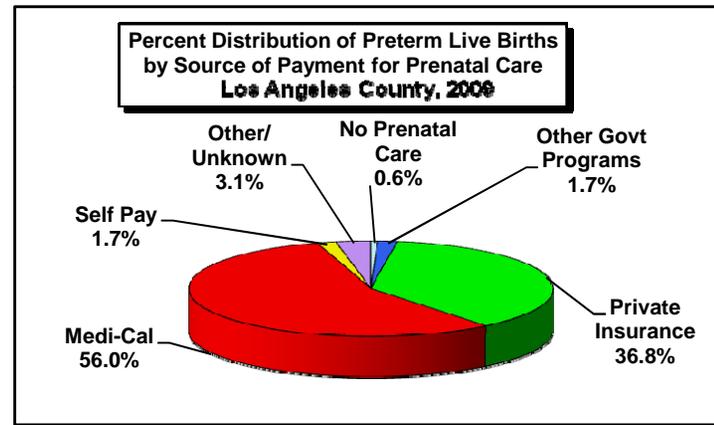
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2009**



Los Angeles County, 2009				
Source of Payment for Prenatal Care	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	91	20.7	16.9	24.5
Other Govt Programs	260	12.8	11.3	14.2
Private Insurance	5,493	10.0	9.7	10.2
Medi-Cal	8,359	11.1	10.9	11.4
Self Pay	252	8.4	7.4	9.4
Other/ Unknown	459	11.0	10.0	11.9
Total	14,914	10.7	10.5	10.8

Total Live Births
440
2,034
54,949
75,061
3,012
4,183
139,679



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

Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

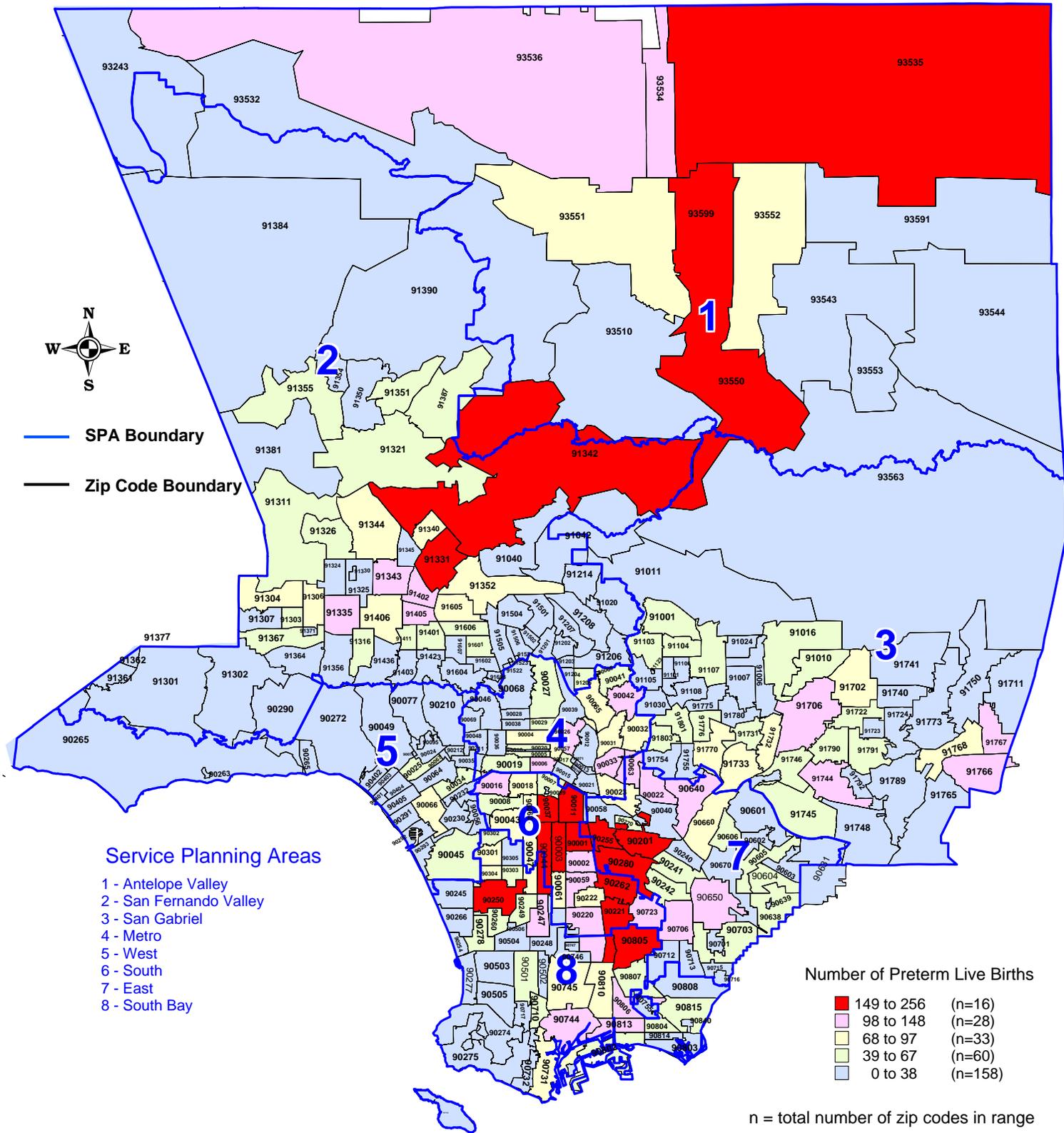
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

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

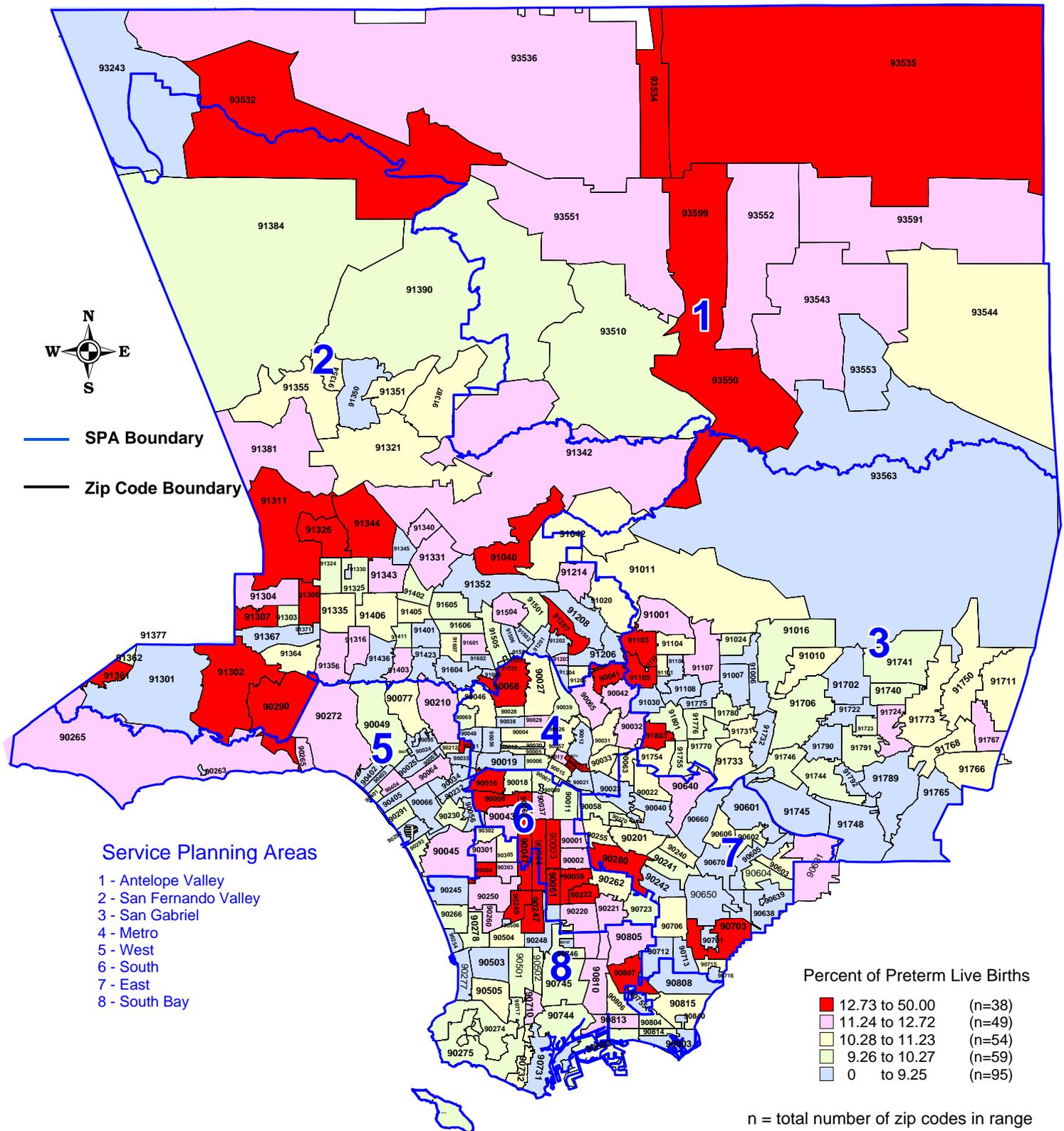
Los Angeles County, 2009



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2009 = 139,679
 Total number of preterm live births in Los Angeles County, 2009 = 14,914
 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, 2009.

Percent of Preterm Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2009



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2009 = 139,679

Total number of preterm live births in Los Angeles County, 2009 = 14,914

Percent of preterm live births per 100 live births in Los Angeles County, 2009 = 10.7

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

Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 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 per 100 live births.

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

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 and greater than or equal to 17 weeks, 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)

HEALTHY PEOPLE 2020 OBJECTIVE:

Reduce early preterm births to an incidence of no more than 1.8 percent of live births.
(Baseline: 2.0 percent in 2007) (Objective MICH-9.4)

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)

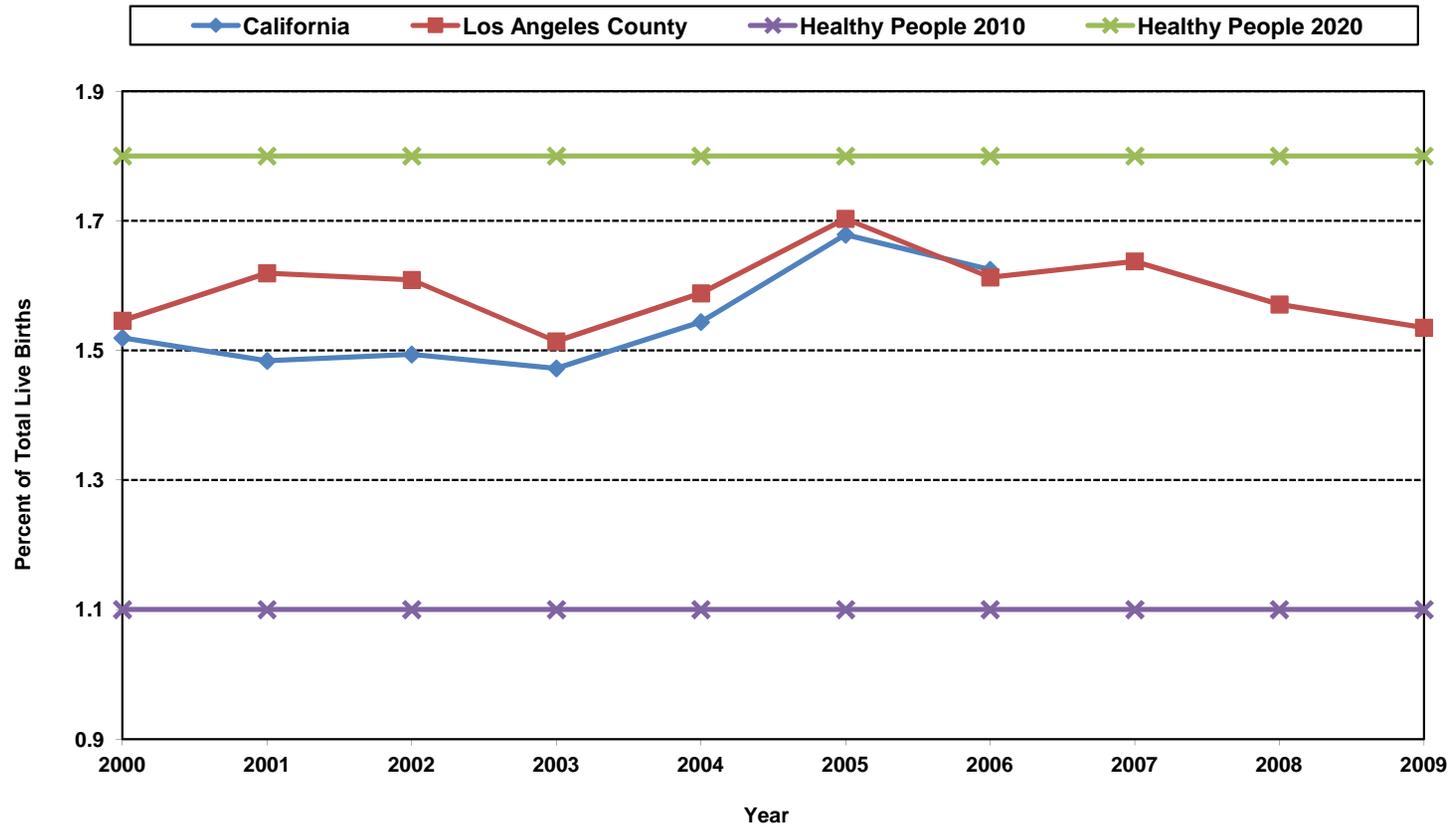
Year	California				Los Angeles County			
	Early Preterm		95% Confidence Interval		Early Preterm		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2000	8,072	1.5	1.5	1.6	2,433	1.5	1.5	1.6
2001	7,826	1.5	1.5	1.5	2,486	1.6	1.6	1.7
2002	7,905	1.5	1.5	1.5	2,432	1.6	1.5	1.7
2003	7,963	1.5	1.4	1.5	2,304	1.5	1.5	1.6
2004	8,409	1.5	1.5	1.6	2,406	1.6	1.5	1.7
2005	9,211	1.7	1.6	1.7	2,561	1.7	1.6	1.8
2006	9,132	1.6	1.6	1.7	2,449	1.6	1.5	1.7
2007	N/A	N/A	N/A	N/A	2,486	1.6	1.6	1.7
2008	N/A	N/A	N/A	N/A	2,320	1.6	1.5	1.6
2009	N/A	N/A	N/A	N/A	2,144	1.5	1.5	1.6

Denominator: Live Births		
Year	California	LA County
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
2008	551,567	147,684
2009	526,774	139,679

Note: Gestation is calculated from reported date of last menses.
N/A: 2007-2009 data for California not available for retrieval

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2000-2009.

**Percent of Early Preterm Live Births
California vs. Los Angeles County, 2000-2009**



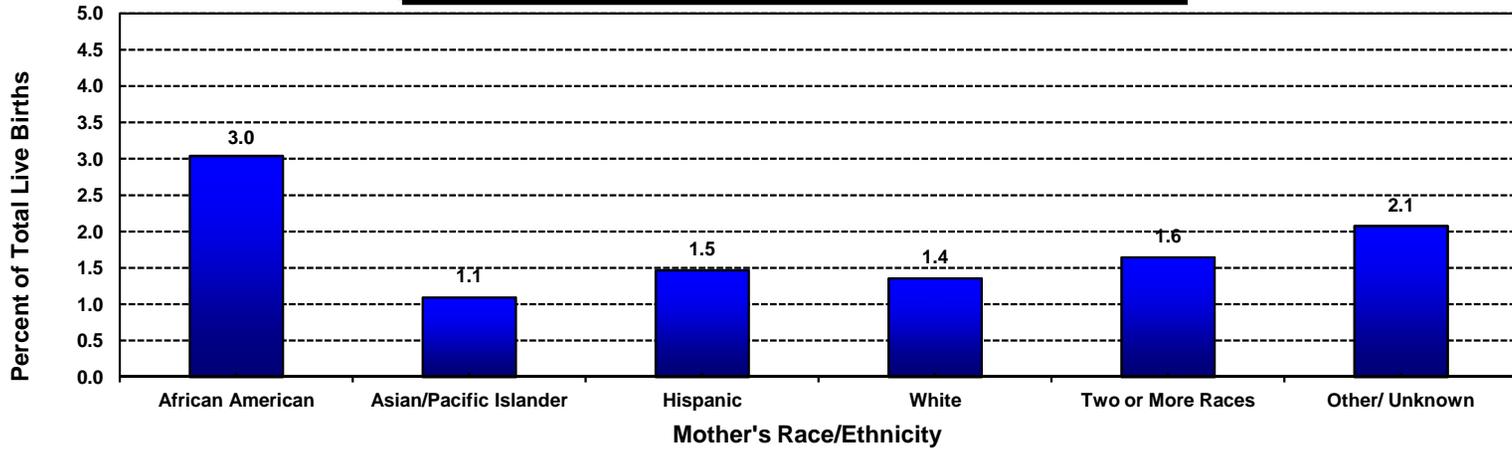
Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

Note: Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2000-2009.

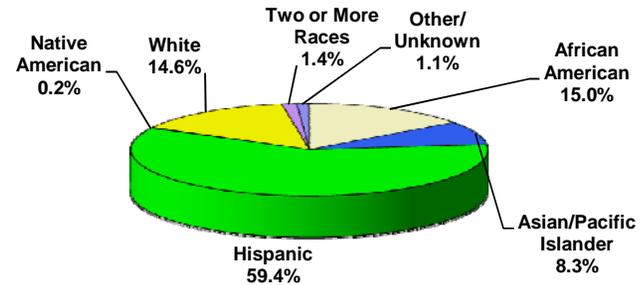
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Race/Ethnicity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	322	3.0	2.7	3.4
Asian/Pacific Islander	177	1.1	0.9	1.3
Hispanic	1,273	1.5	1.4	1.5
Native American	5	2.5	0.3	4.6
White	314	1.4	1.2	1.5
Two or More Races	29	1.6	1.1	2.2
Other/ Unknown	24	2.1	1.3	2.9
Total	2,144	1.5	1.5	1.6

Total Live Births
10,589
16,179
86,642
202
23,150
1,762
1,155
139,679

**Percent Distribution of Early Preterm Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2009**



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

Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 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. Gestation is calculated from reported date of last menses.

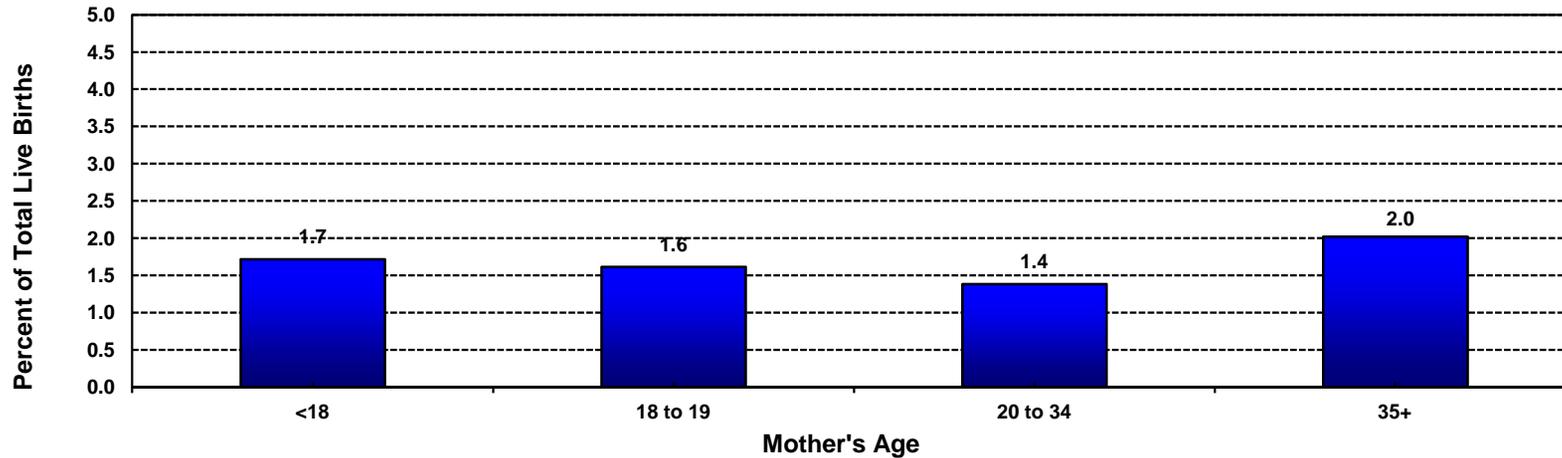
Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

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

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

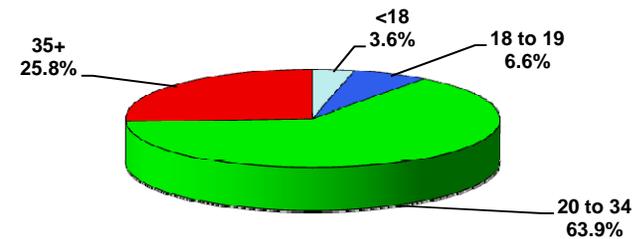
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Age	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	78	1.7	1.3	2.1
18 to 19	141	1.6	1.3	1.9
20 to 34	1,371	1.4	1.3	1.5
35+	554	2.0	1.9	2.2
Other/Unknown	<5	N/C	N/C	N/C
Total	2,144	1.5	1.5	1.6

Total Live Births
4,539
8,739
98,993
27,396
12
139,679

**Percent Distribution of Early Preterm Live Births
by Mother's Age
Los Angeles County, 2009**



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

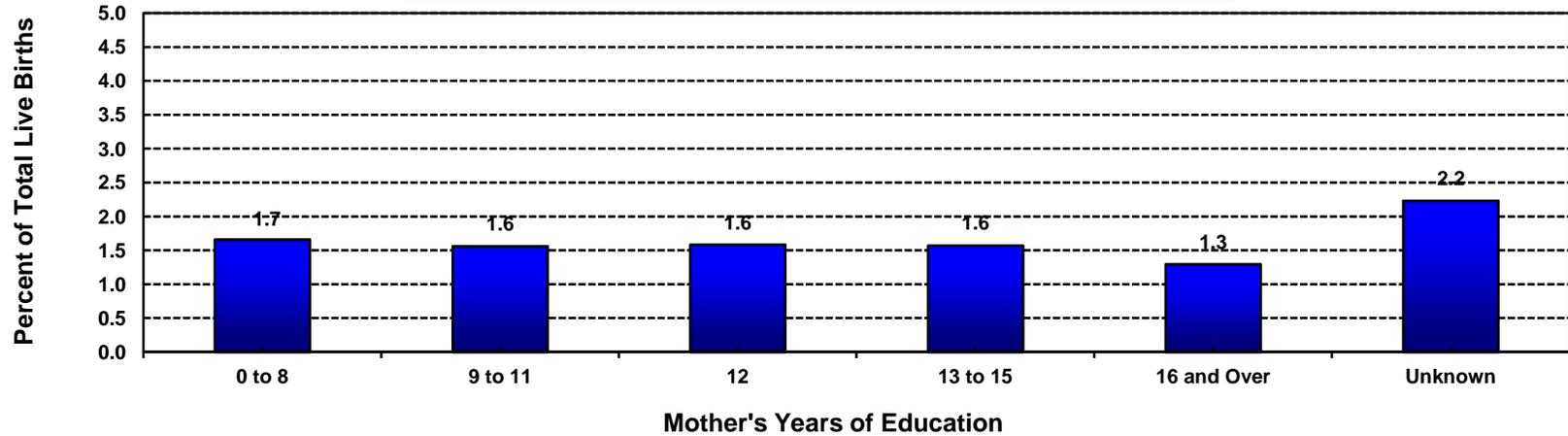
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Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks. Gestation is calculated from reported date of last menses.

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

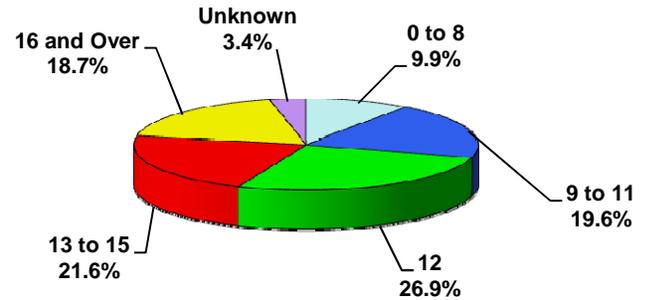
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Years of Education	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	212	1.7	1.4	1.9
9 to 11	420	1.6	1.4	1.7
12	577	1.6	1.5	1.7
13 to 15	463	1.6	1.4	1.7
16 and Over	400	1.3	1.2	1.4
Unknown	72	2.2	1.7	2.7
Total	2,144	1.5	1.5	1.6

Total Live Births
12,765
26,920
36,442
29,445
30,885
3,222
139,679

**Percent Distribution of Early Preterm Live Births
by Mother's Years of Education
Los Angeles County, 2009**



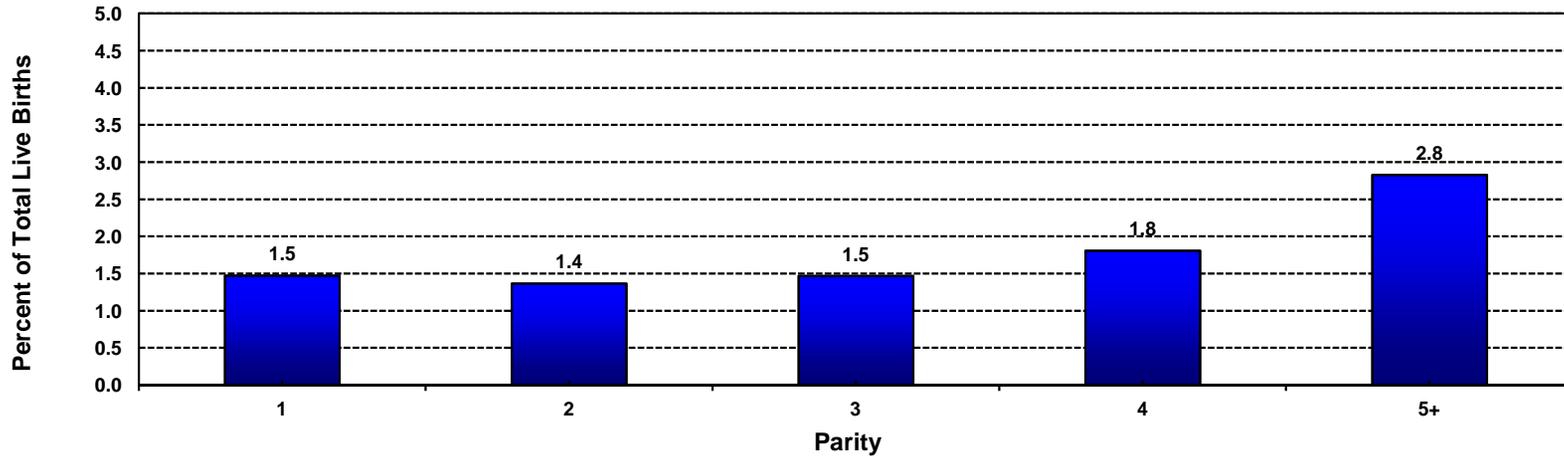
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Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks. Gestation is calculated from reported date of last menses.

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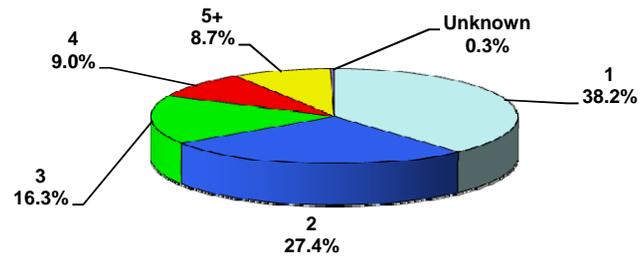
**Early Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2009**



Los Angeles County, 2009				
Parity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	820	1.5	1.4	1.6
2	587	1.4	1.3	1.5
3	349	1.5	1.3	1.6
4	194	1.8	1.6	2.1
5+	187	2.8	2.4	3.2
Unknown	7	4.8	1.3	8.3
Total	2,144	1.5	1.5	1.6

Total Live Births
55,574
42,906
23,724
10,720
6,610
145
139,679

**Percent Distribution of Early Preterm Live Births
by Parity
Los Angeles County, 2009**



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

Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 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.

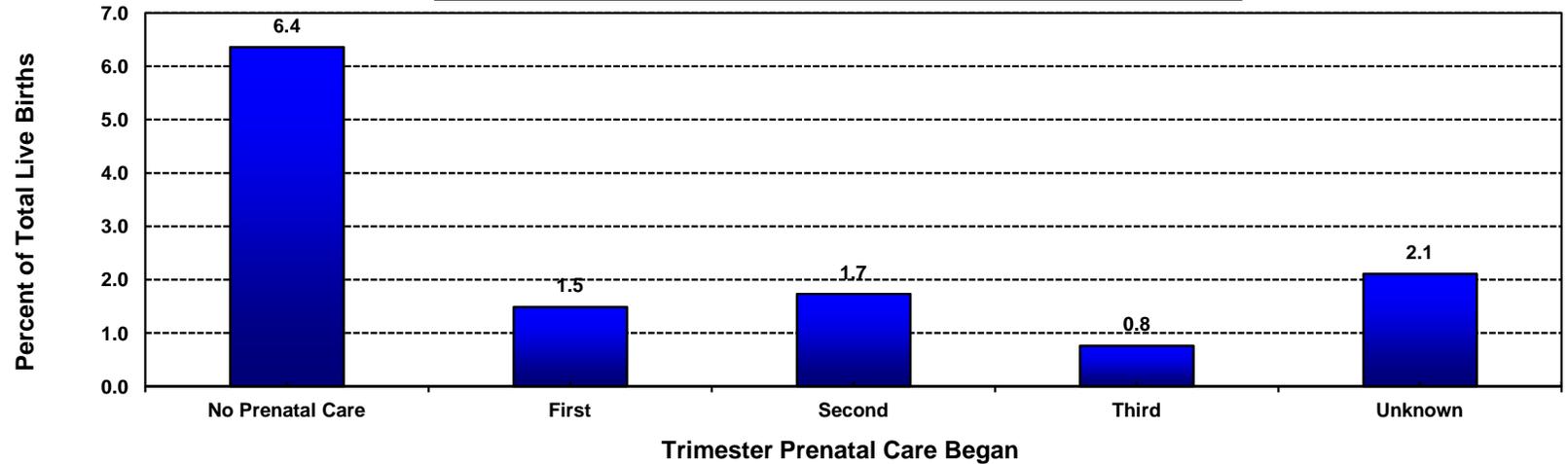
Gestation is calculated from reported date of last menses.

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

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

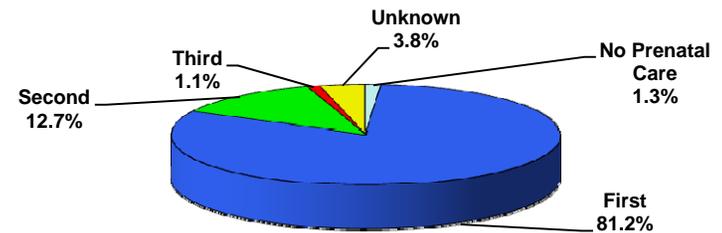
**Early Preterm Live Births, as Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Trimester Prenatal Care Began	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	28	6.4	4.1	8.6
First	1,740	1.5	1.4	1.6
Second	272	1.7	1.5	1.9
Third	23	0.8	0.5	1.1
Unknown	81	2.1	1.7	2.6
Total	2,144	1.5	1.5	1.6

Total Live Births
440
116,717
15,666
3,014
3,842
139,679

**Percent Distribution of Early Preterm Live Births by Mother's Trimester Prenatal Care Began
Los Angeles County, 2009**



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

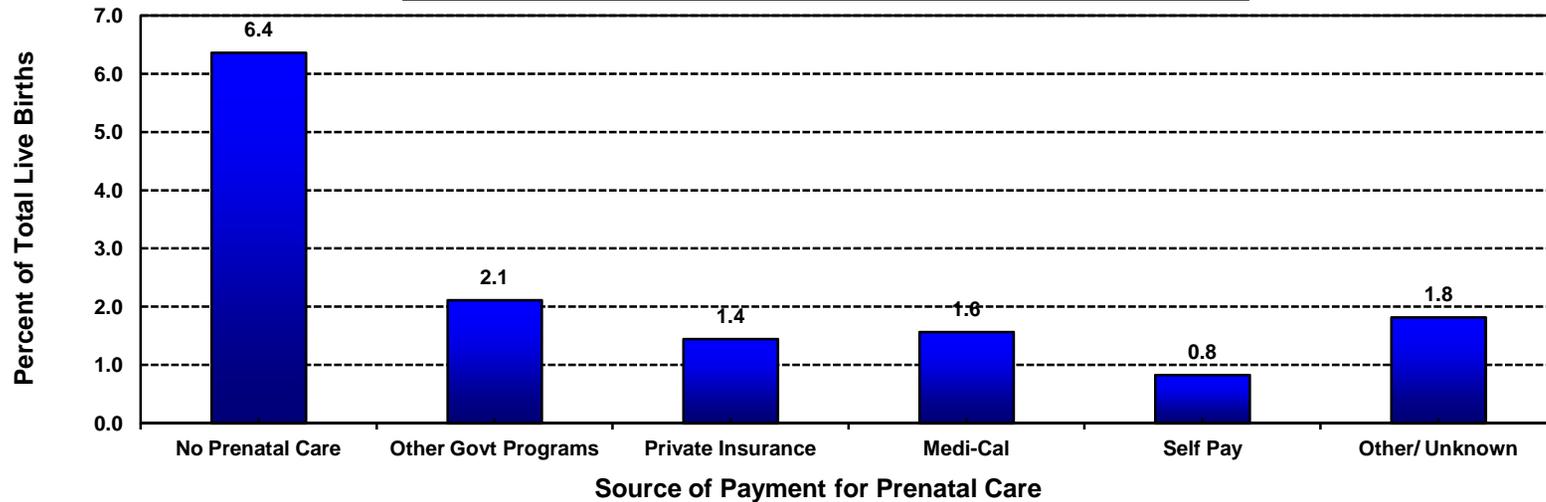
Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

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. Gestation is calculated from reported date of last menses.

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

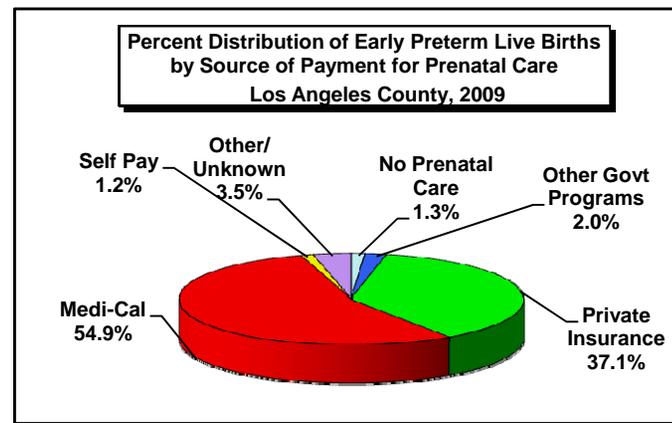
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Early Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2009**



Los Angeles County, 2009				
Source of Payment for Prenatal Care	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	28	6.4	4.1	8.6
Other Govt Programs	43	2.1	1.5	2.7
Private Insurance	795	1.4	1.3	1.5
Medi-Cal	1,177	1.6	1.5	1.7
Self Pay	25	0.8	0.5	1.2
Other/ Unknown	76	1.8	1.4	2.2
Total	2,144	1.5	1.5	1.6

Total Live Births
440
2,034
54,949
75,061
3,012
4,183
139,679



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

Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

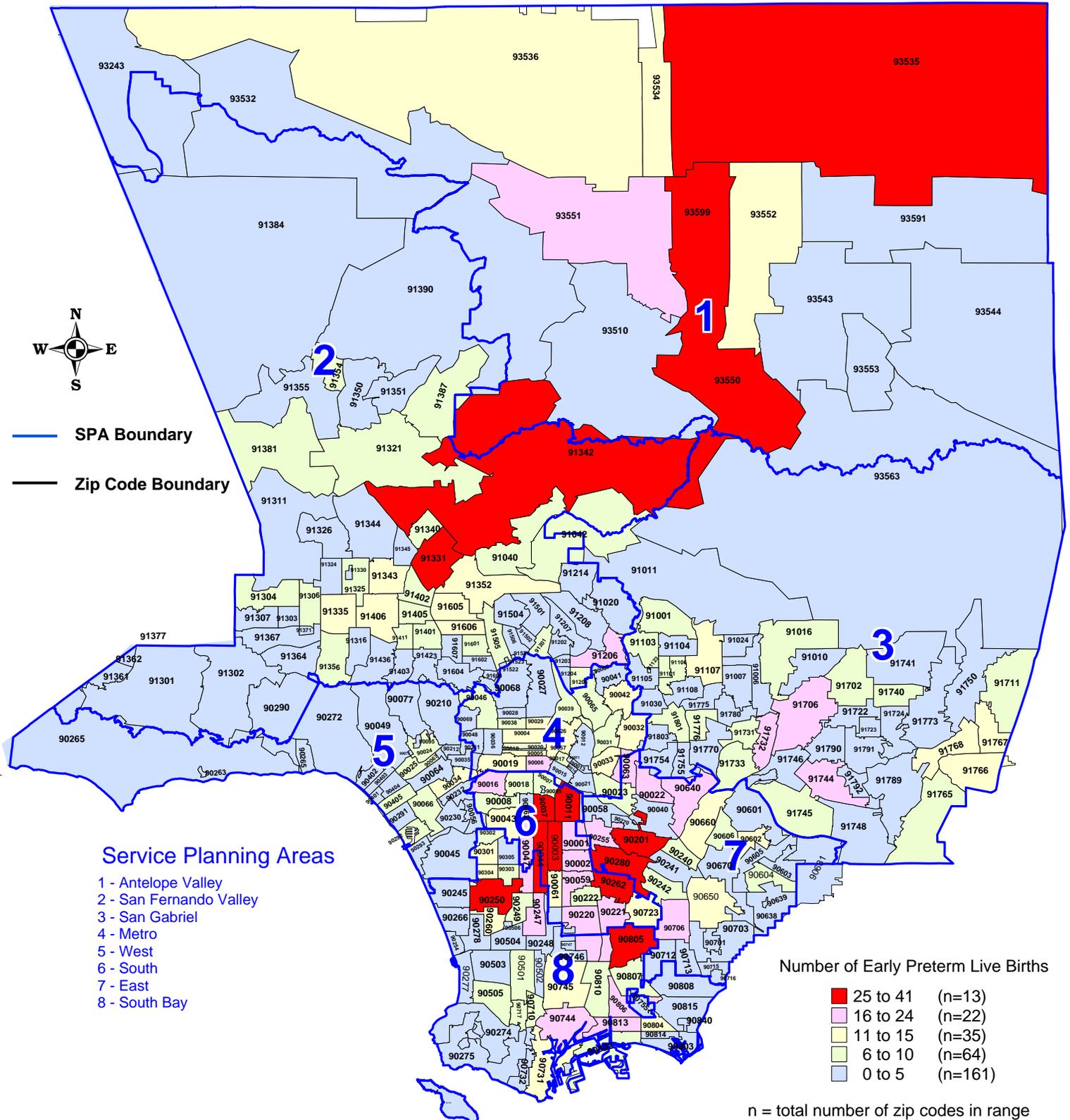
Gestation is calculated from reported date of last menses.

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, 2009.

Number of Early Preterm Live Births by Zip Code* and Service Planning Area (SPA)

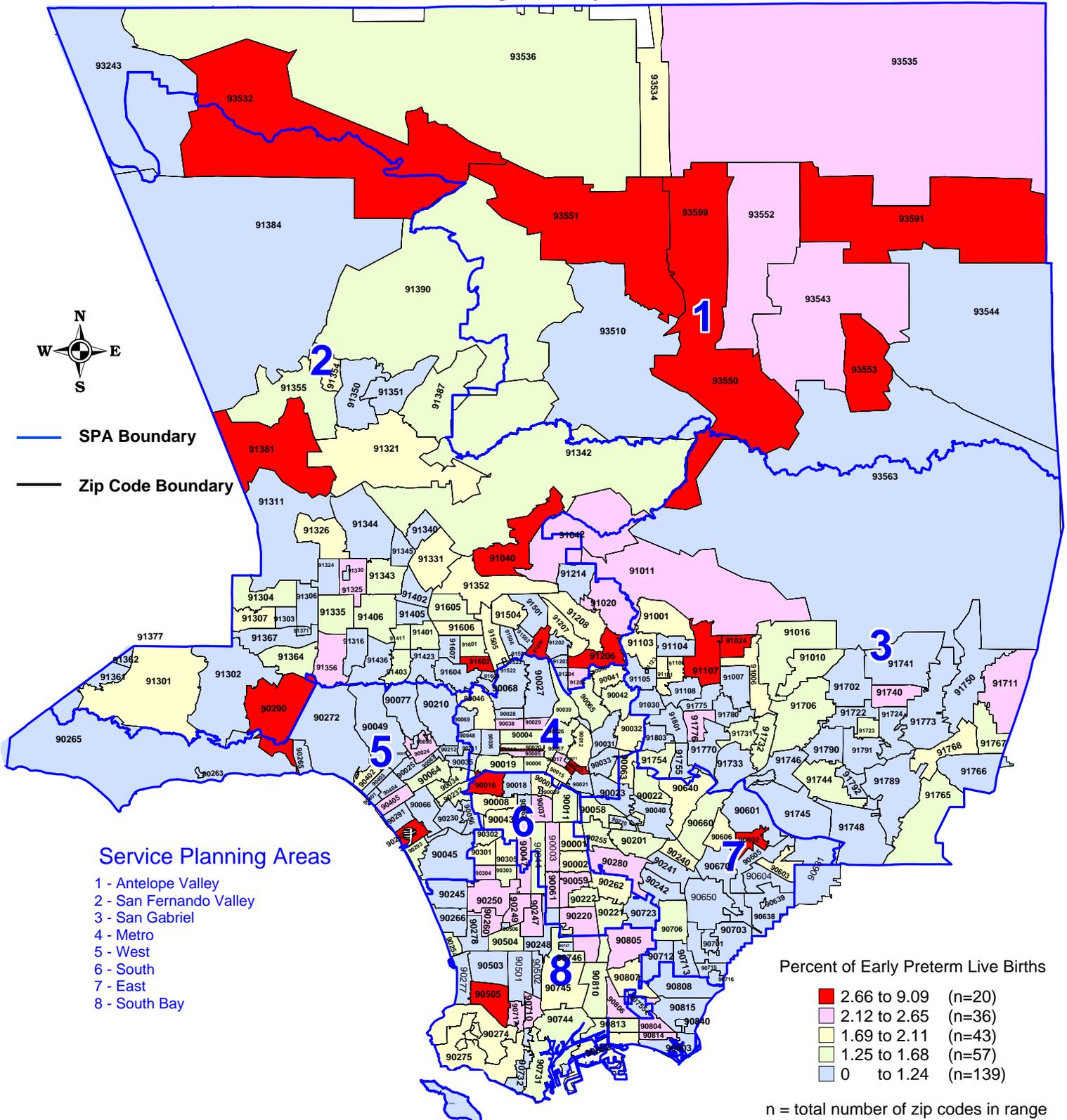
Los Angeles County, 2009



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2009 = 139,679
 Total number of early preterm live births in Los Angeles County, 2009 = 2,144
 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, 2009.

Percent of Early Preterm Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2009



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2009 = 139,679

Total number of early preterm live births in Los Angeles County, 2009 = 2,144

Percent of early preterm live births per 100 live births in Los Angeles County, 2009 = 1.5

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

Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 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 per 100 live births.

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

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
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/A	N/A	N/A	14,828	9.8	9.6	9.9
2008	N/A	N/A	N/A	N/A	13,928	9.4	9.3	9.6
2009	N/A	N/A	N/A	N/A	12,770	9.1	9.0	9.3

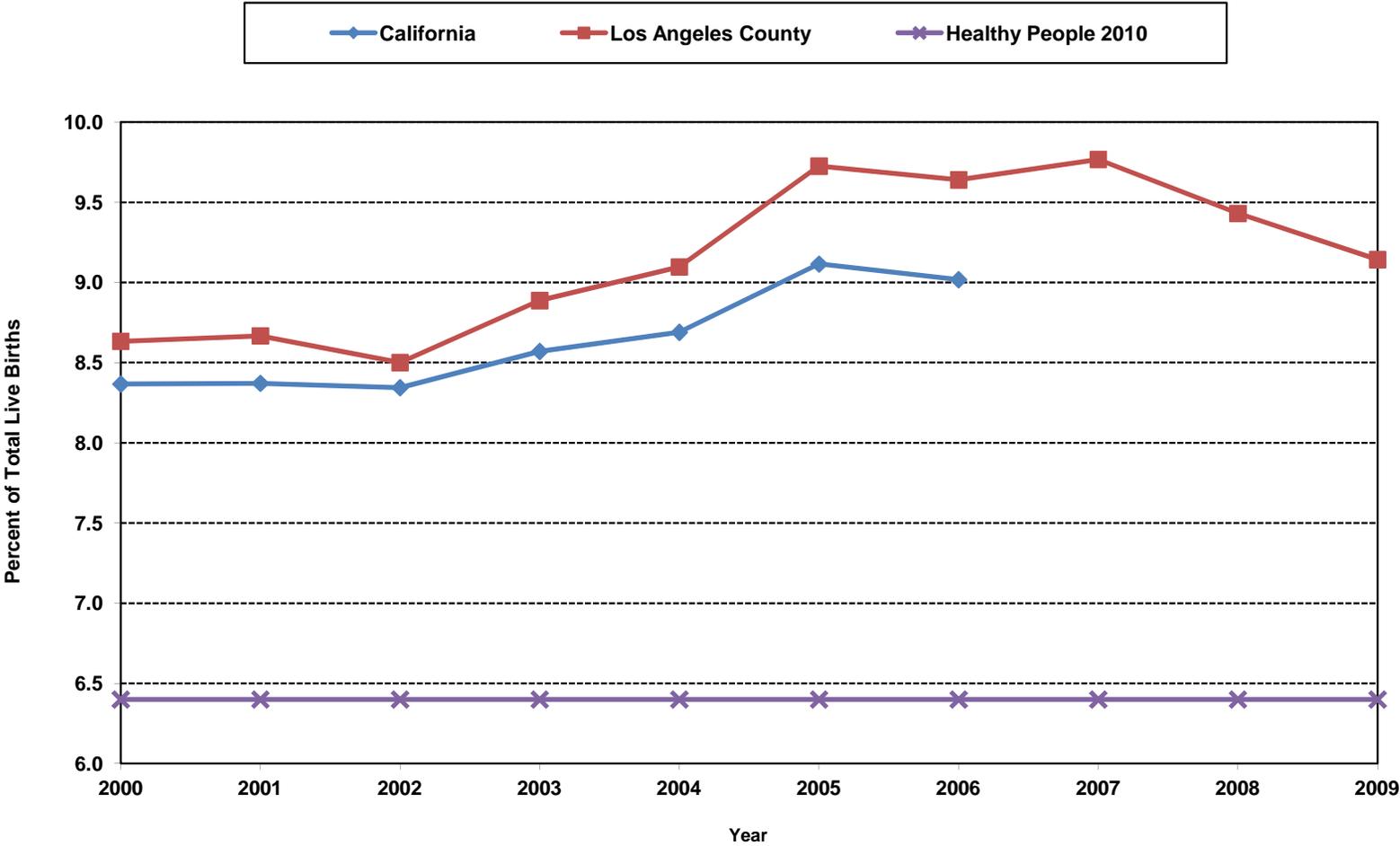
Denominator: Live Births		
Year	California	LA County
2000	531,285	157,391
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813
2008	551,567	147,684
2009	526,774	139,679

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2000-2009.

N/A: 2007-2009 data for California were not available for retrieval

Note: Gestation is calculated from reported date of last menses.

**Percent of Moderate Preterm Live Births
California vs. Los Angeles County, 2000-2009**



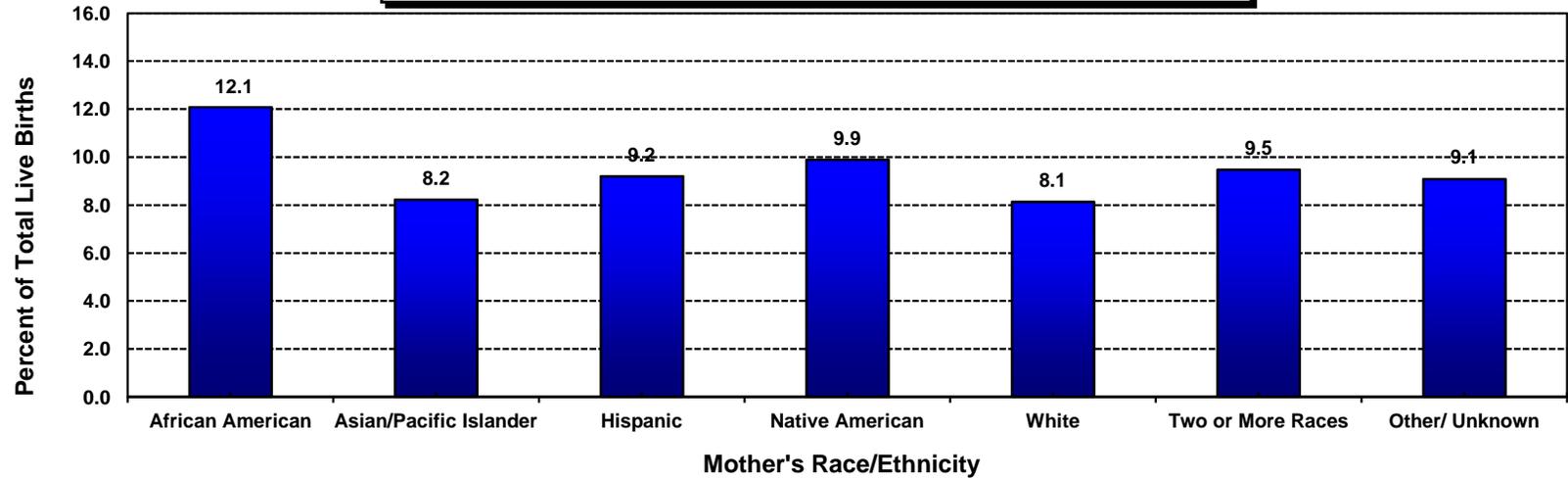
Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation. Gestation is calculated from reported date of last menses.

N/A: 2007-2009 data for California were not available for retrieval

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2000-2009.

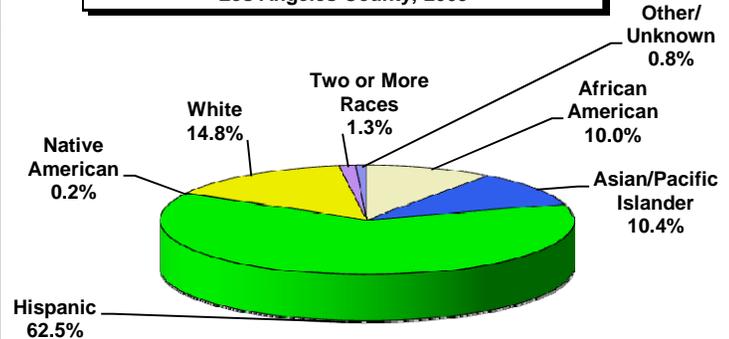
**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Race/Ethnicity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,280	12.1	11.5	12.7
Asian/Pacific Islander	1,331	8.2	7.8	8.7
Hispanic	7,982	9.2	9.0	9.4
Native American	20	9.9	5.8	14.0
White	1,885	8.1	7.8	8.5
Two or More Races	167	9.5	8.1	10.8
Other/ Unknown	105	9.1	7.4	10.7
Total	12,770	9.1	9.0	9.3

Total Live Births
10,589
16,179
86,642
202
23,150
1,762
1,155
139,679

**Percent Distribution of Moderate Preterm Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2009**



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.

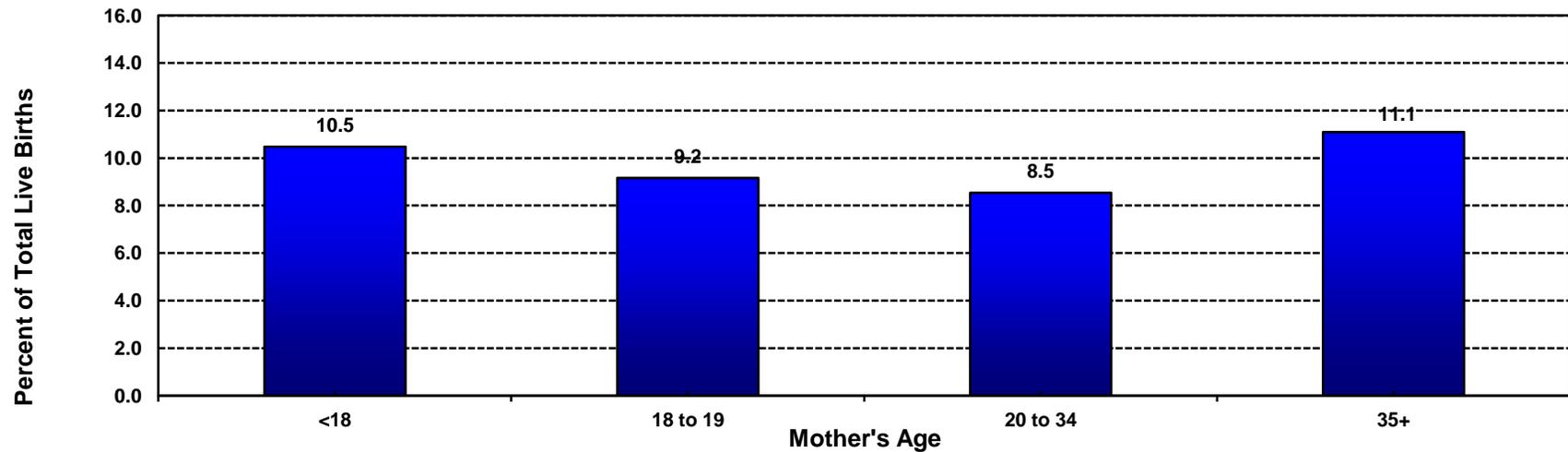
Gestation is calculated from reported date of last menses.

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

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

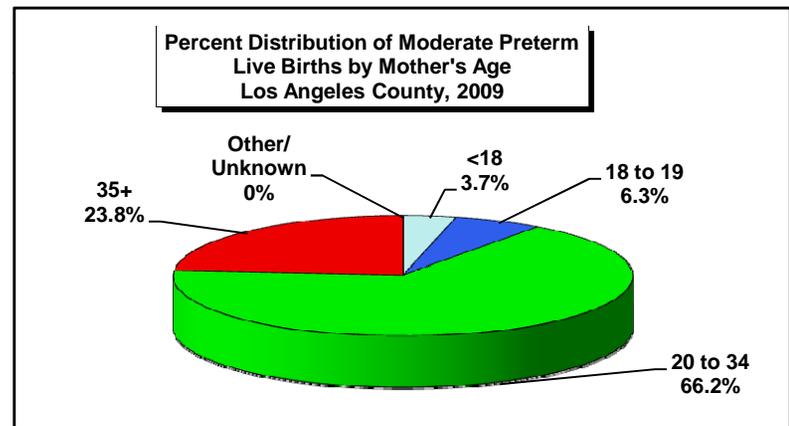
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Age	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	476	10.5	9.6	11.4
18 to 19	801	9.2	8.6	9.8
20 to 34	8,453	8.5	8.4	8.7
35+	3,039	11.1	10.7	11.5
Other/Unknown	<5	N/C	N/C	N/C
Total	12,770	9.1	9.0	9.3

Total Live Births
4,539
8,739
98,993
27,396
12
139,679



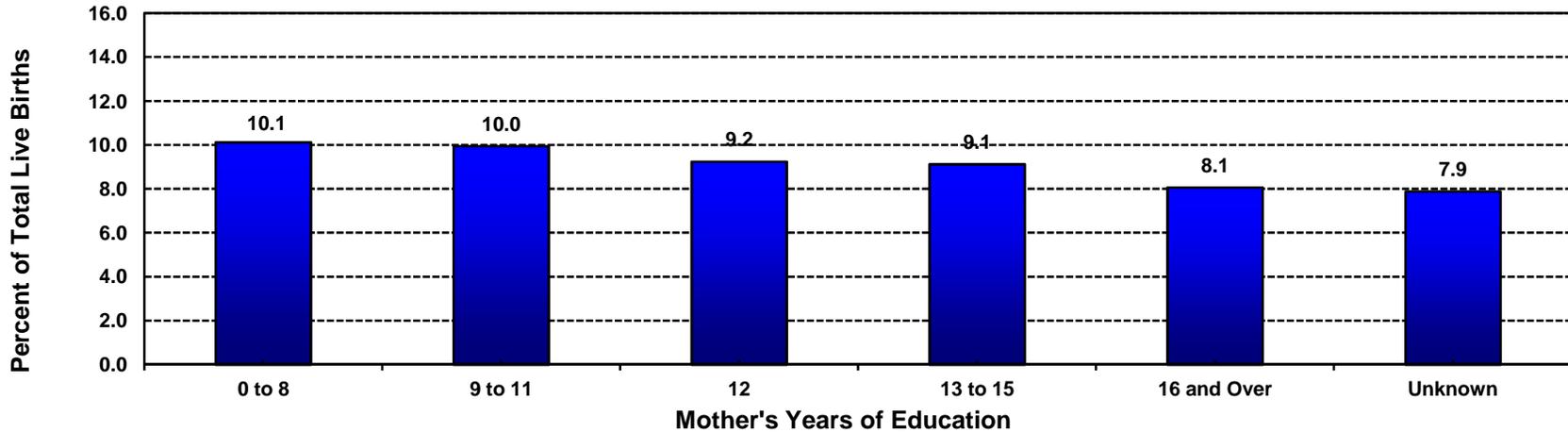
Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation. Gestation is calculated from reported date of last menses.

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

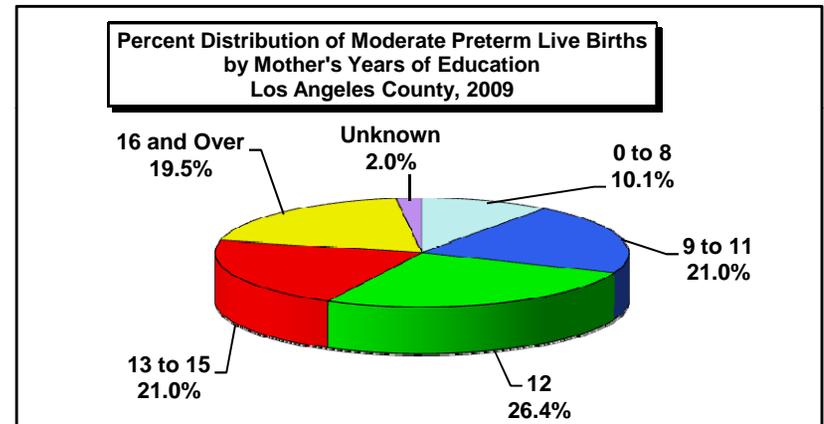
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Years of Education	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	1,292	10.1	9.6	10.6
9 to 11	2,679	10.0	9.6	10.3
12	3,368	9.2	8.9	9.5
13 to 15	2,686	9.1	8.8	9.5
16 and Over	2,491	8.1	7.8	8.4
Unknown	254	7.9	7.0	8.8
Total	12,770	9.1	9.0	9.3

Total Live Births
12,765
26,920
36,442
29,445
30,885
3,222
139,679

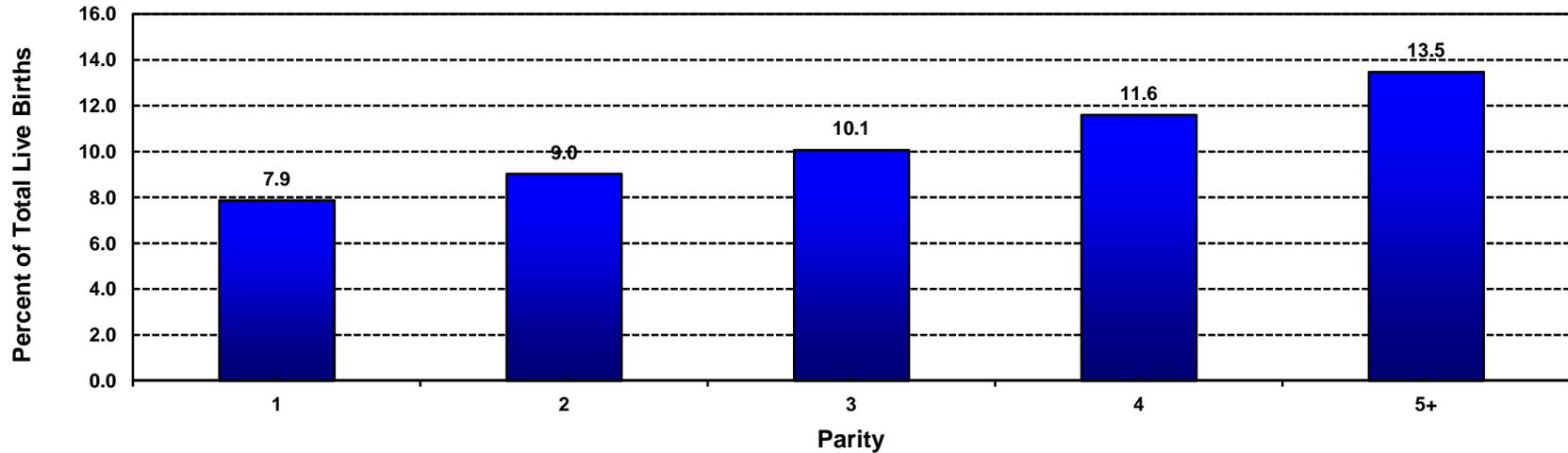


Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation. Gestation is calculated from reported date of last menses.

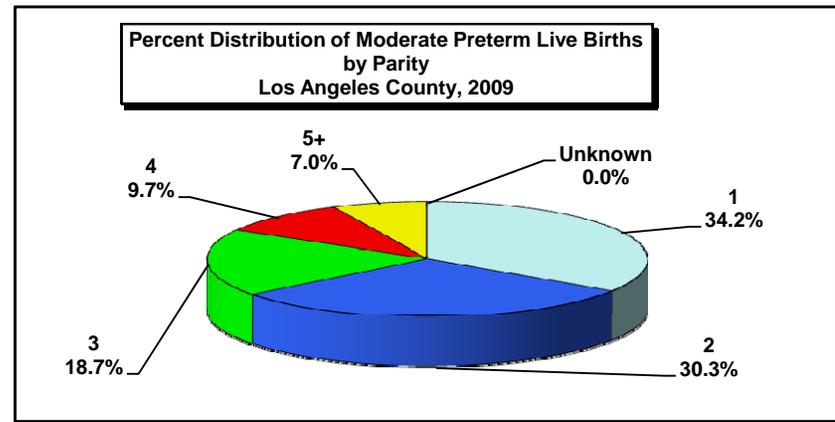
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2009**



Los Angeles County, 2009				
Parity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	4,373	7.9	7.6	8.1
2	3,874	9.0	8.8	9.3
3	2,387	10.1	9.7	10.4
4	1,243	11.6	11.0	12.2
5+	891	13.5	12.7	14.3
Unknown	2	N/C	N/C	N/C
Total	12,770	9.1	9.0	9.3

Total Live Births
55,574
42,906
23,724
10,720
6,610
145
139,679



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

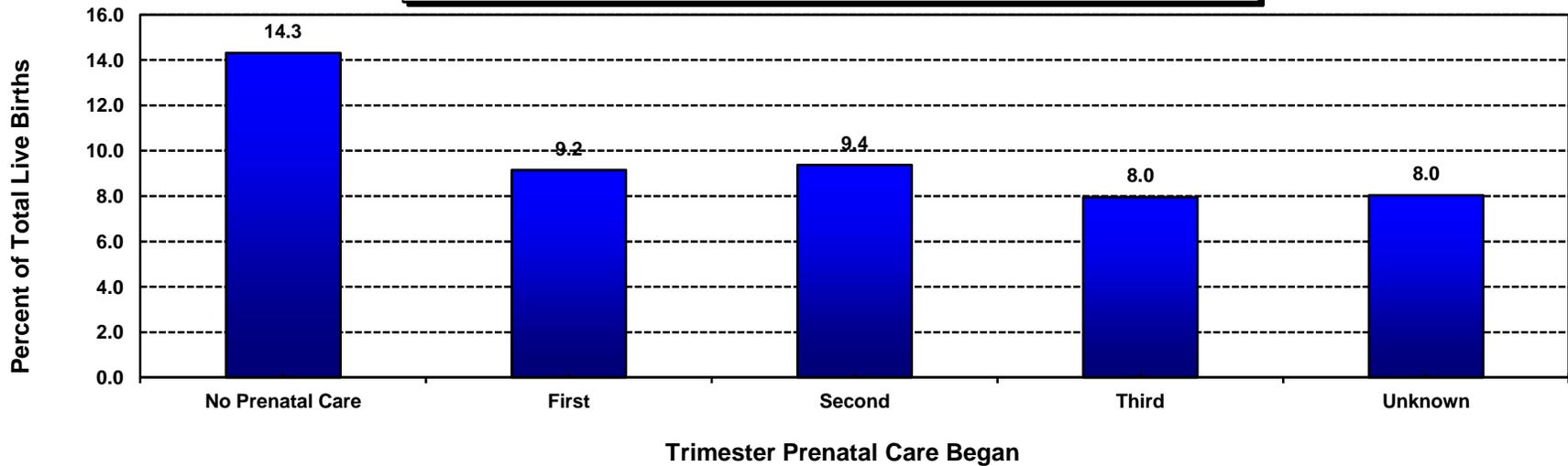
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Gestation is calculated from reported date of last menses.

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

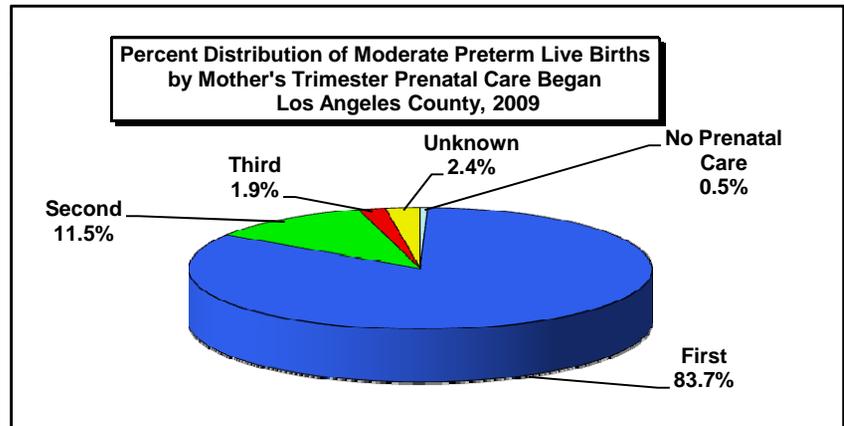
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2009**



Los Angeles County, 2009				
Mother's Trimester Prenatal Care Began	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	63	14.3	11.0	17.6
First	10,688	9.2	9.0	9.3
Second	1,470	9.4	8.9	9.8
Third	240	8.0	7.0	8.9
Unknown	309	8.0	7.2	8.9
Total	12,770	9.1	9.0	9.3

Total Live Births
440
116,717
15,666
3,014
3,842
139,679



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

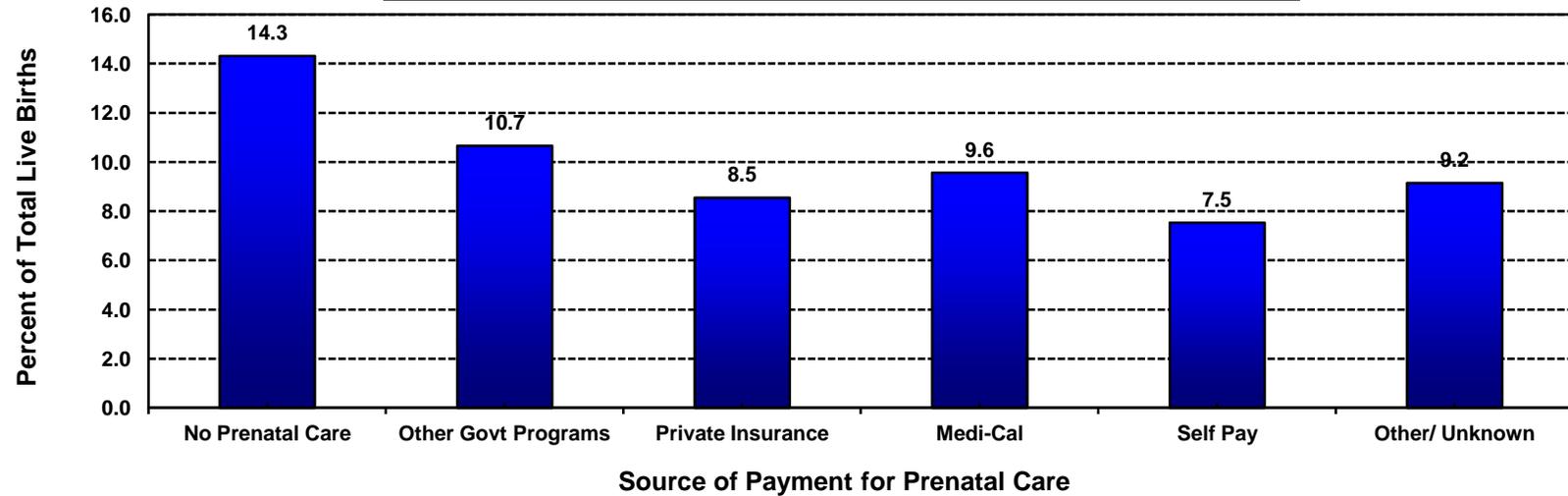
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Gestation is calculated from reported date of last menses.

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

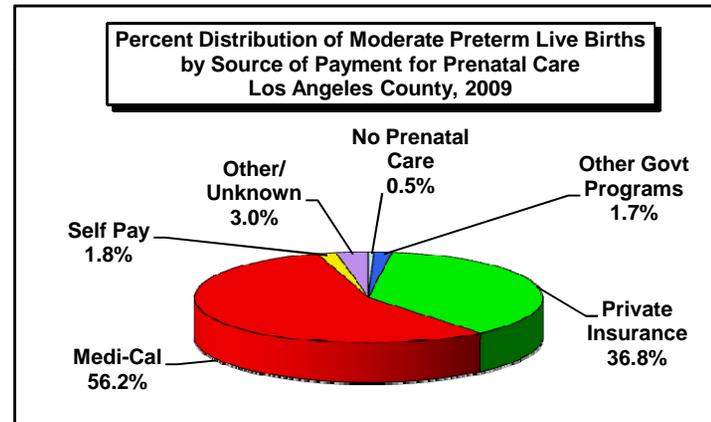
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2009**



Los Angeles County, 2009				
Source of Payment for Prenatal Care	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	63	14.3	11.0	17.6
Other Govt Programs	217	10.7	9.3	12.0
Private Insurance	4,698	8.5	8.3	8.8
Medi-Cal	7,182	9.6	9.4	9.8
Self Pay	227	7.5	6.6	8.5
Other/ Unknown	383	9.2	8.3	10.0
Total	12,770	9.1	9.0	9.3

Total Live Births
440
2,034
54,949
75,061
3,012
4,183
139,679



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

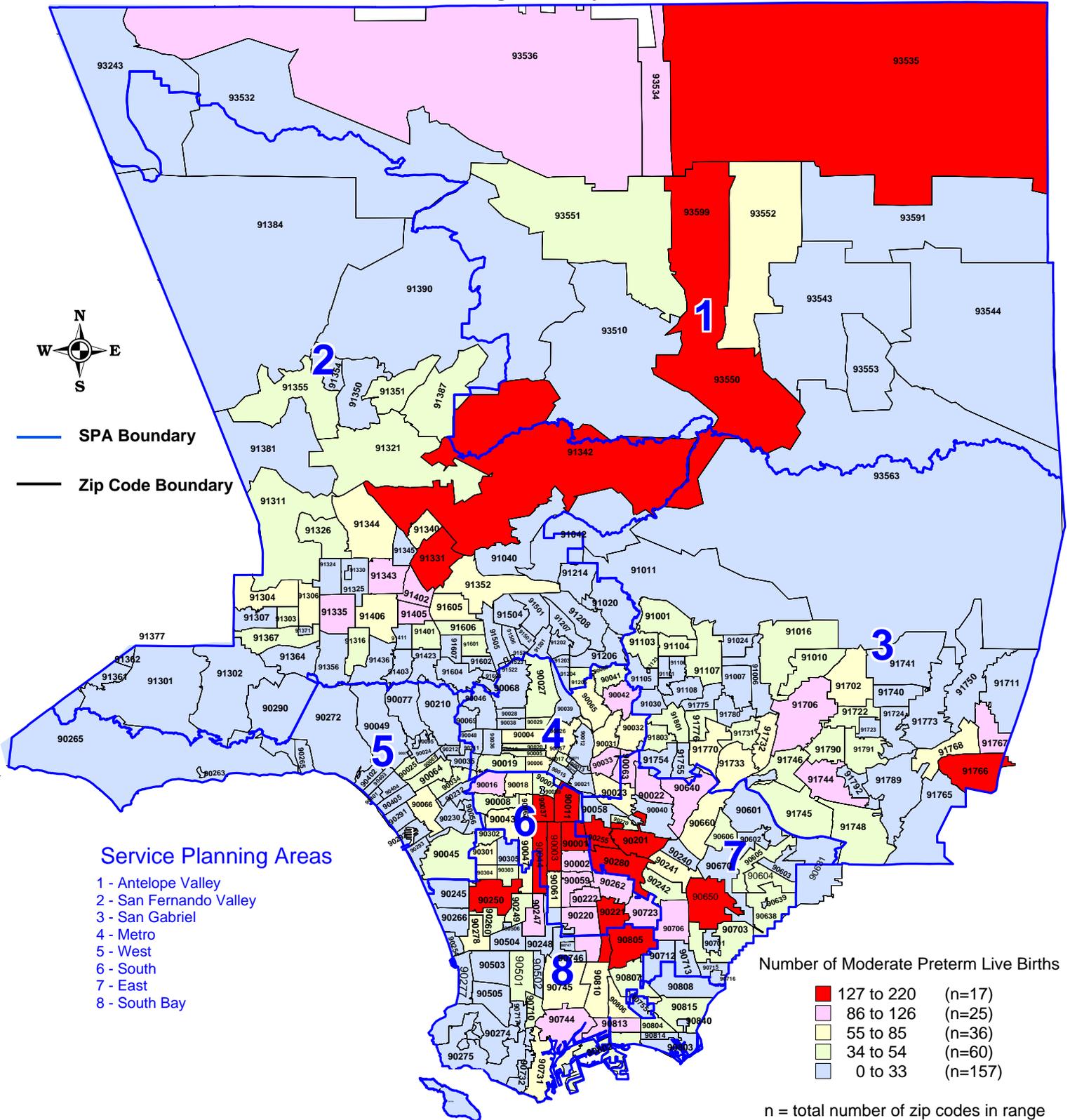
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

Number of Moderate Preterm Live Births by Zip Code* and Service Planning Area (SPA)

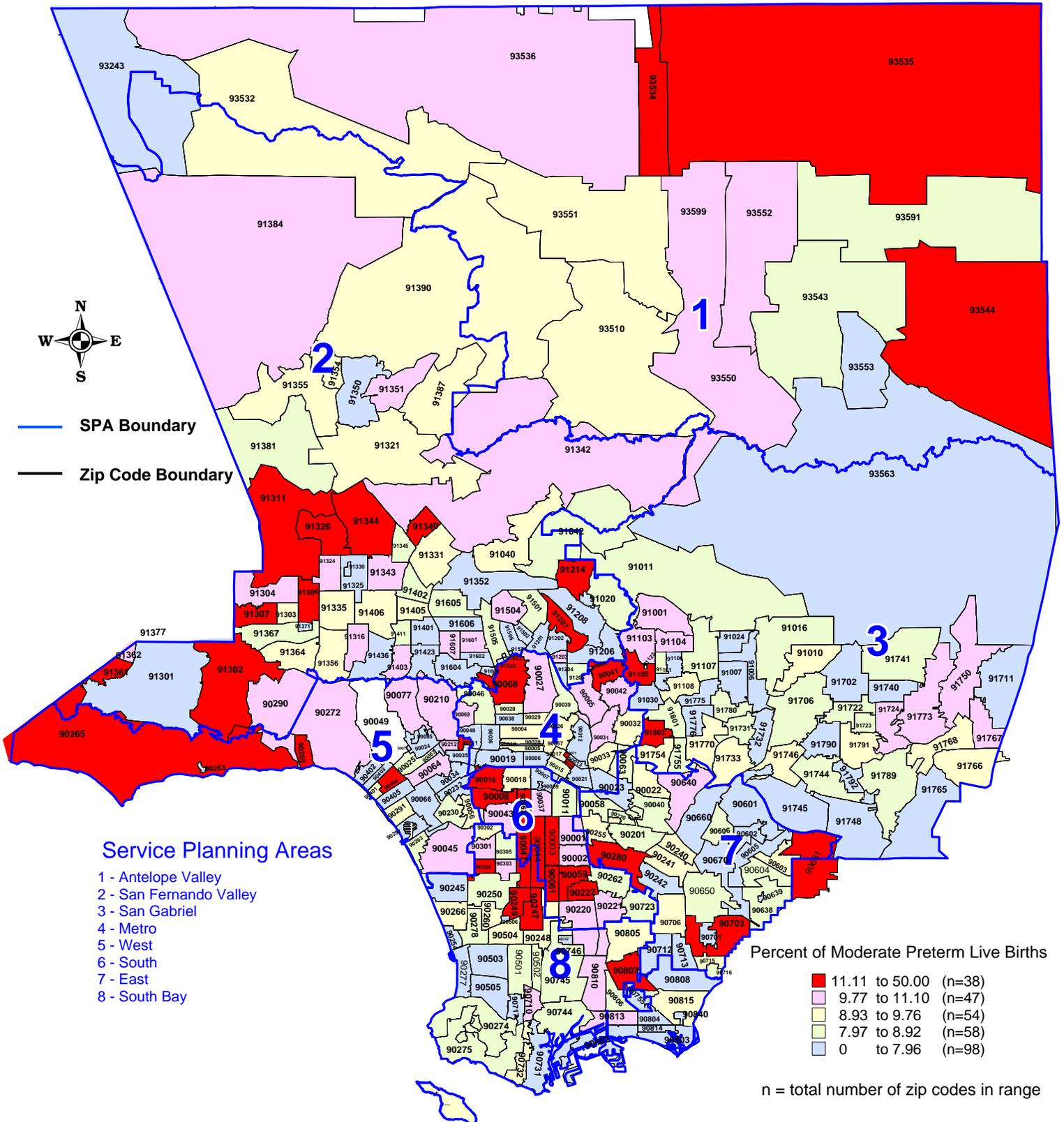
Los Angeles County, 2009



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2009 = 139,679
 Total number of moderate preterm live births in Los Angeles County, 2009 = 12,770
 Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.
 Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.

Percent of Moderate Preterm Live Births by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2009



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2009 = 139,679
 Total number of moderate preterm live births in Los Angeles County, 2009 = 12,770
 Percent of moderate preterm live births per 100 live births in Los Angeles County, 2009 = 9.1
 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 per 100 live births.
 Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2009.