

Preterm Live Births

Preterm Live Births

INDICATOR: Percent of Preterm Live Births

DEFINITION: The percent of live births occurring at less than 37 weeks of gestation and greater than or equal to 17 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)

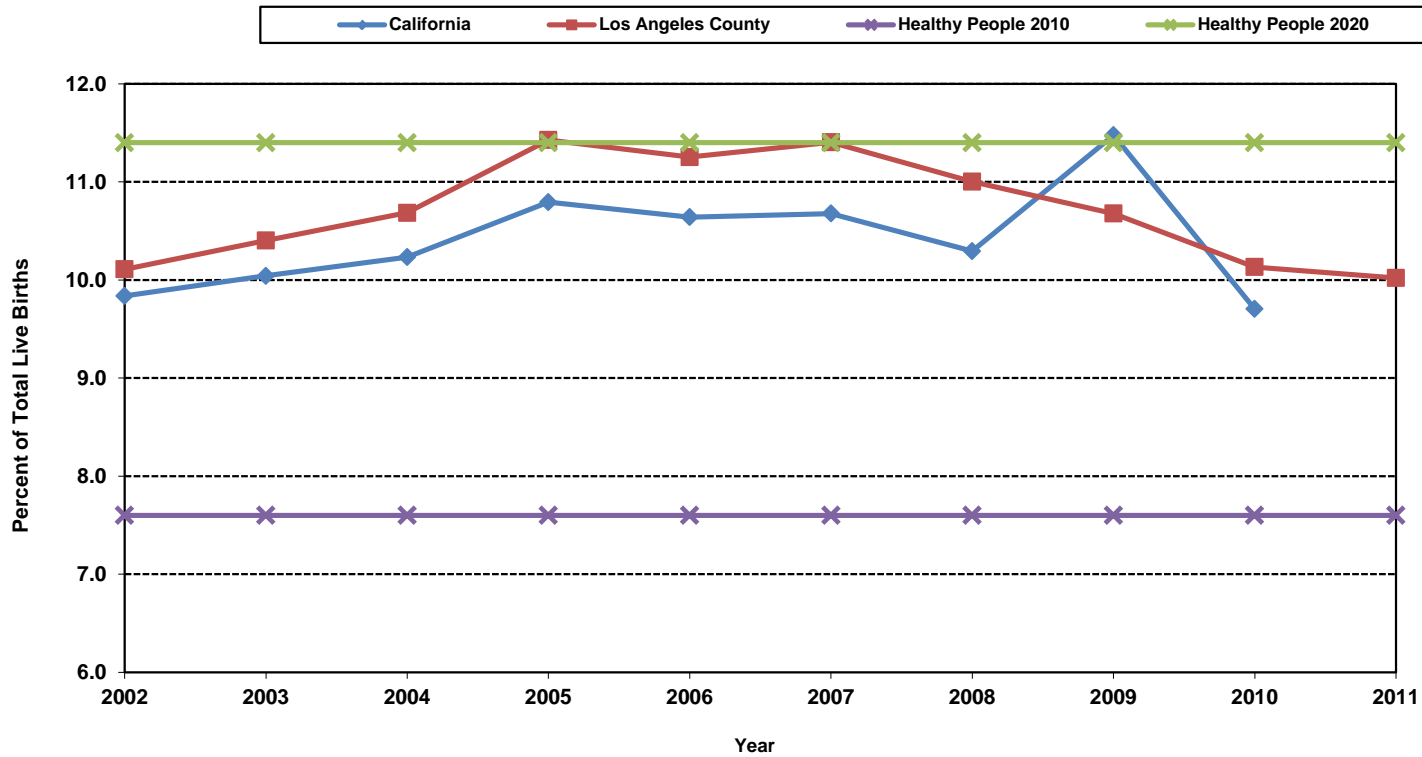
Year	California				Los Angeles County			
	Preterm Live Birth		95% Confidence Interval		Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2002	52,067	9.8	9.8	9.9	15,282	10.1	10.0	10.3
2003	54,311	10.0	10.0	10.1	15,830	10.4	10.2	10.6
2004	55,738	10.2	10.2	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	56,777	10.3	10.2	10.4	16,248	11.0	10.8	11.2
2009	60,451	11.5	11.4	11.6	14,914	10.7	10.5	10.8
2010	49,490	9.7	9.6	9.8	13,493	10.1	10.0	10.3
2011	N/A	N/A	N/A	N/A	13,059	10.0	9.9	10.2

Denominator: Live Births		
Year	California	LA County
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
2010	509,979	133,160
2011	502,023	130,313

Note: Gestation is calculated from reported date of last menses.
California 2007-2010 data included live births occurring less than 17 weeks.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

Percent of Preterm Births California vs. Los Angeles County, 2002-2011



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

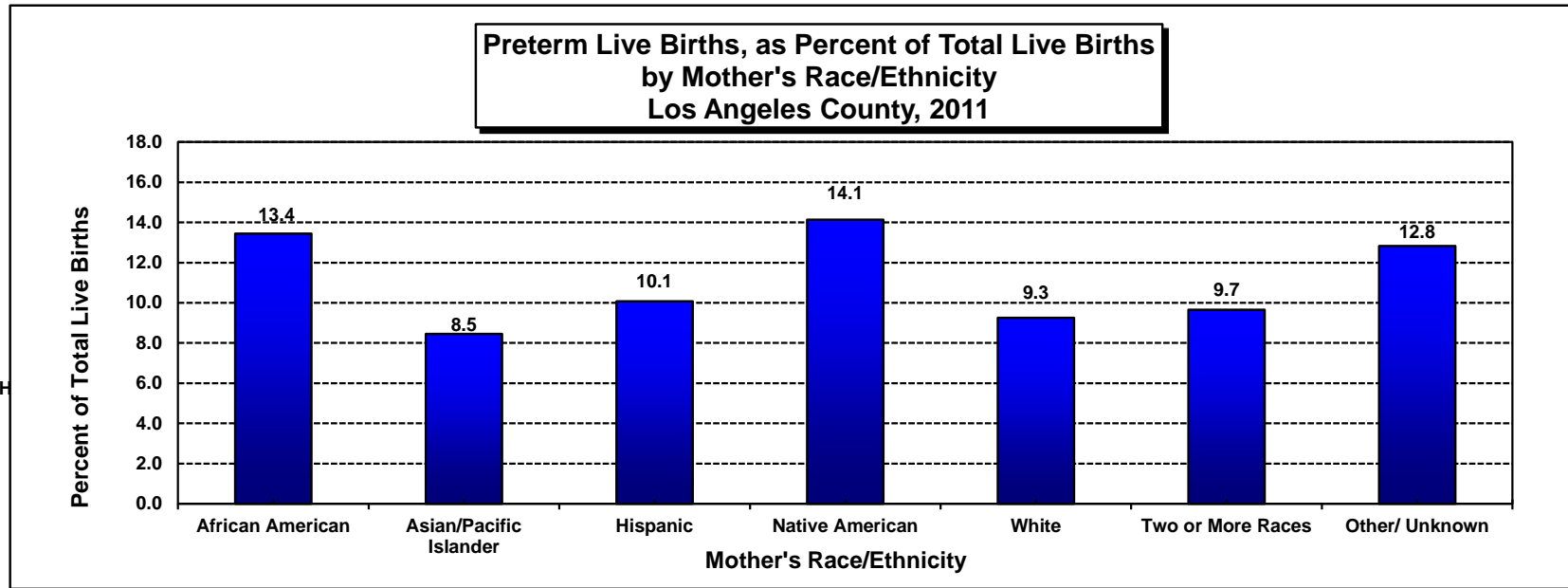
Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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 2007-2010 data included live births occurring less than 17 weeks.

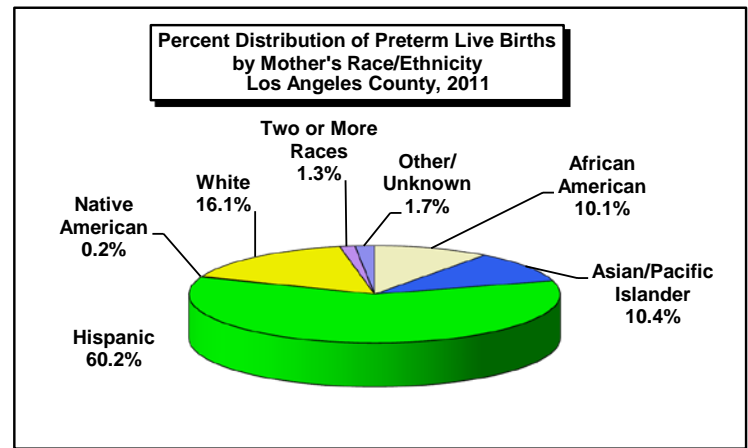
Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.



Los Angeles County, 2011				
Mother's Race/Ethnicity	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,318	13.4	12.8	14.1
Asian/Pacific Islander	1,363	8.5	8.0	8.9
Hispanic	7,858	10.1	9.9	10.3
Native American	27	14.1	9.2	19.1
White	2,099	9.3	8.9	9.6
Two or More Races	173	9.7	8.3	11.0
Other/ Unknown	221	12.8	11.2	14.4
Total	13,059	10.0	9.9	10.2

Total Live Births
9,804
16,126
77,993
191
22,684
1,792
1,723
130,313



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.

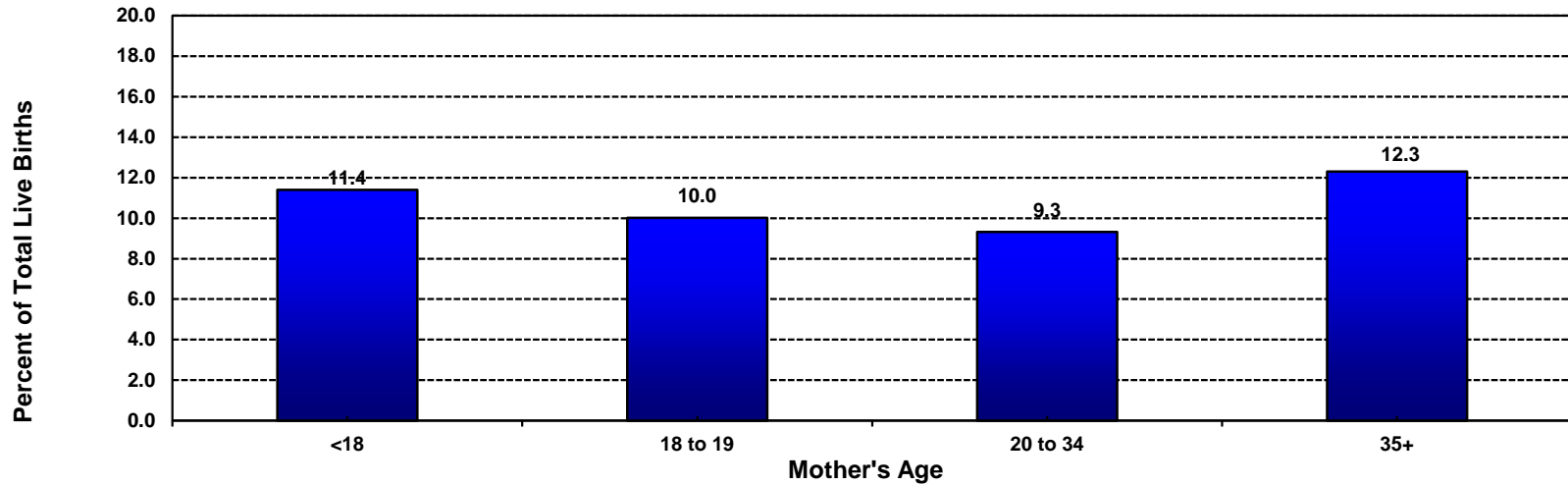
Gestation is calculated from reported date of last menses.

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.

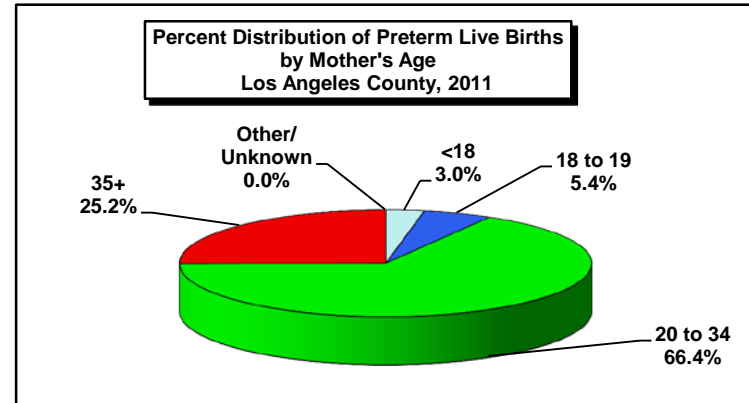
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Age	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	391	11.4	10.3	12.5
18 to 19	706	10.0	9.3	10.7
20 to 34	8,677	9.3	9.1	9.5
35+	3,285	12.3	11.9	12.7
Other/ Unknown	<5	N/C	N/C	N/C
Total	13,059	10.0	9.9	10.2

Total Live Births
3,431
7,049
93,113
26,708
12
130,313



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.

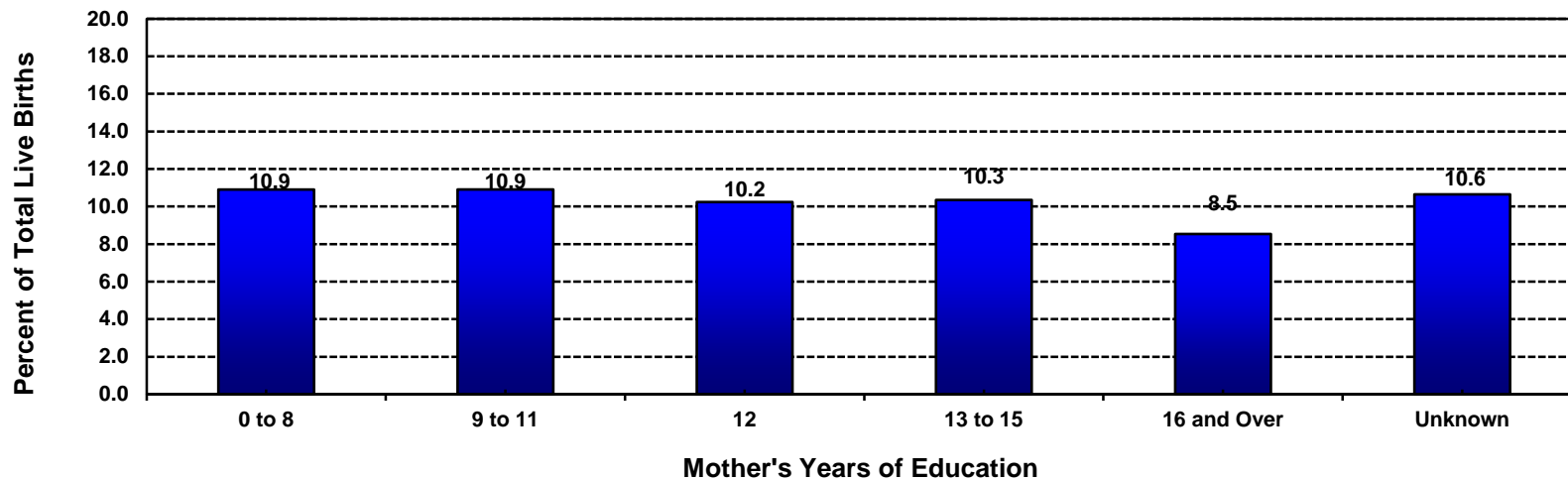
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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.

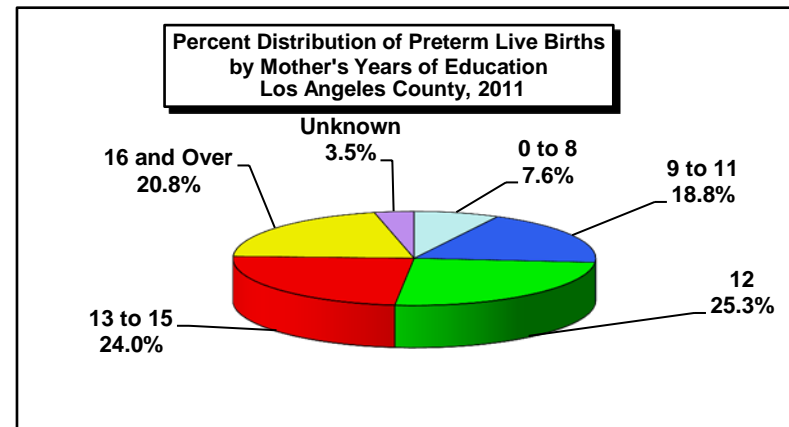
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Years of Education	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	993	10.9	10.3	11.5
9 to 11	2,457	10.9	10.5	11.3
12	3,302	10.2	9.9	10.6
13 to 15	3,128	10.3	10.0	10.7
16 and Over	2,718	8.5	8.2	8.8
Unknown	461	10.6	9.7	11.6
Total	13,059	10.0	9.9	10.2

Total Live Births
9,109
22,530
32,259
30,232
31,852
4,331
130,313



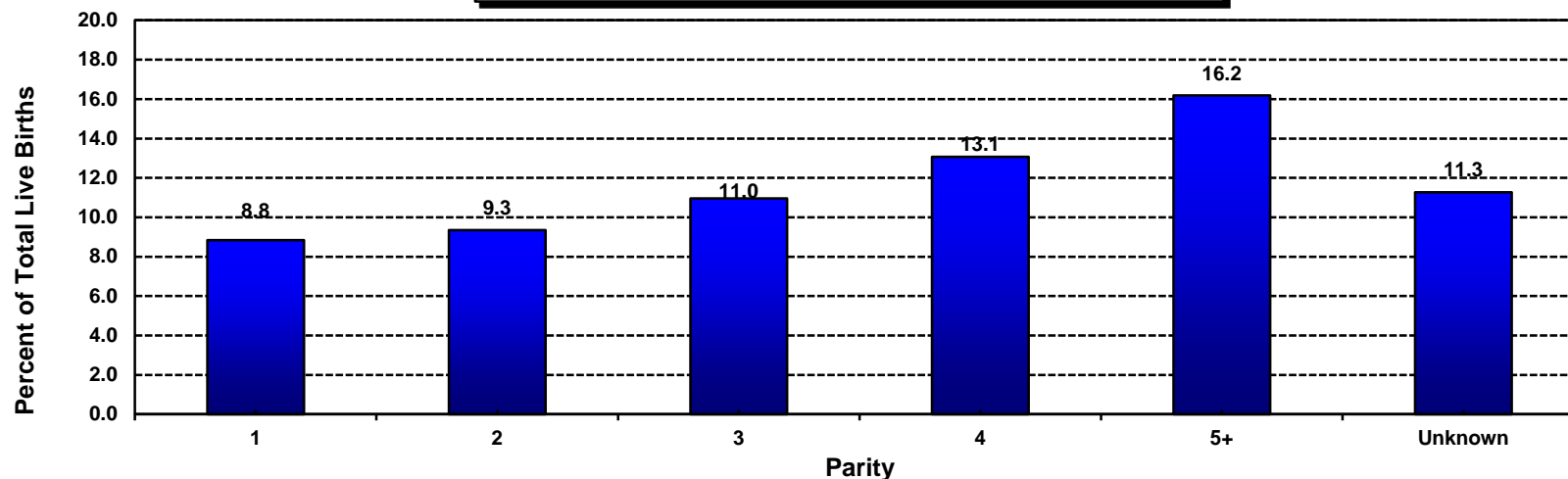
Year 2010 Objective: Reduce preterm live births to an incidence of no more than 7.6 percent of live births.

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

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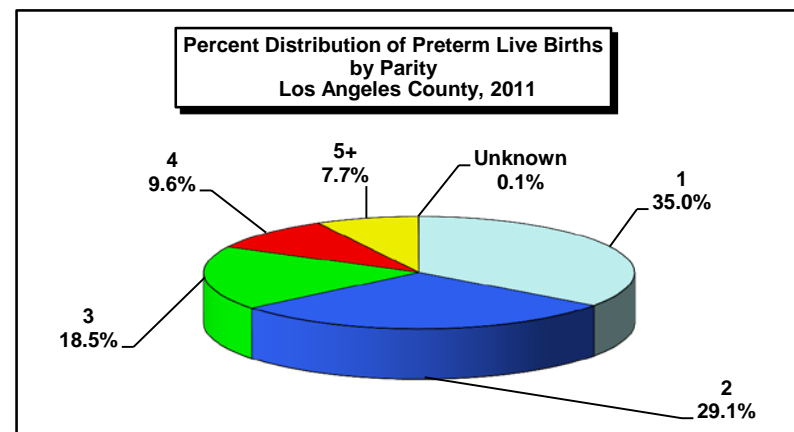
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2011**



Los Angeles County, 2011				
Parity	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	4,569	8.8	8.6	9.1
2	3,804	9.3	9.1	9.6
3	2,411	11.0	10.5	11.4
4	1,260	13.1	12.4	13.7
5+	1,007	16.2	15.3	17.1
Unknown	8	11.3	3.9	18.6
Total	13,059	10.0	9.9	10.2

Total Live Births
51,688
40,686
22,004
9,642
6,222
71
130,313



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.

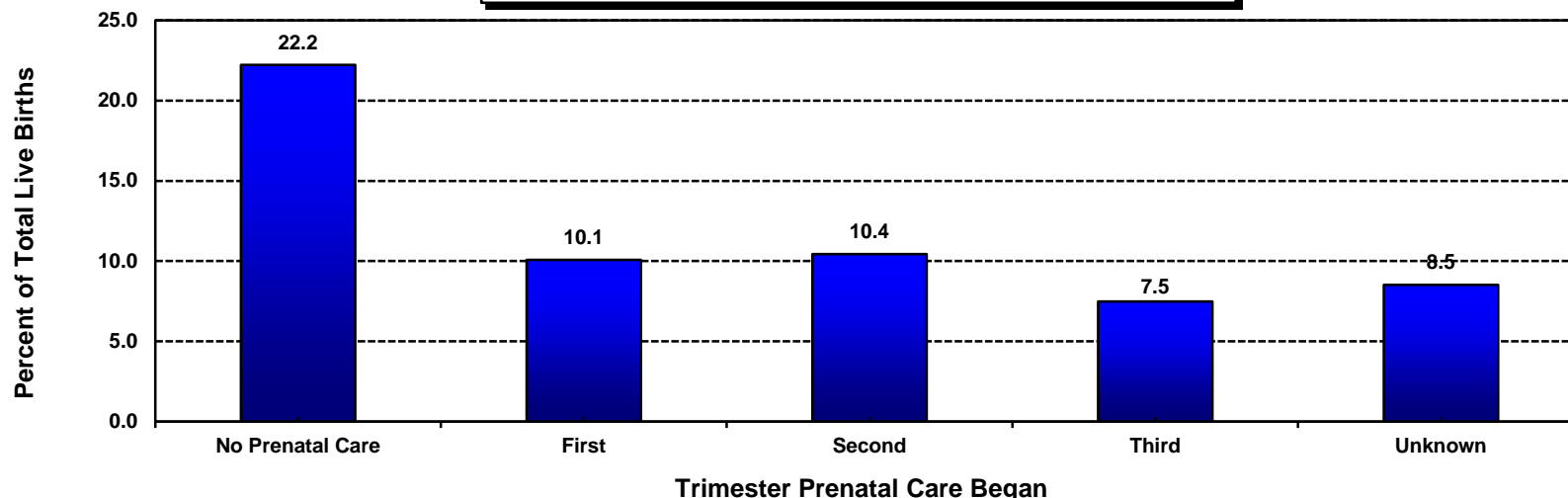
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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, 2011.

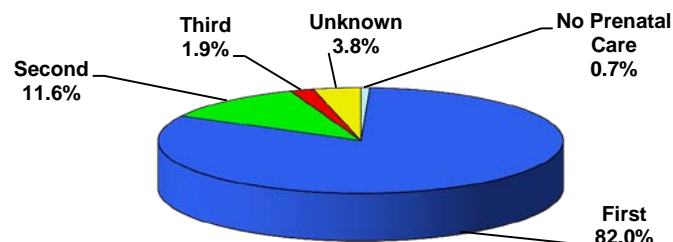
Preterm Live Births, as Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began Los Angeles County, 2011



Los Angeles County, 2011				
Mother's Trimester Prenatal Care Began	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	90	22.2	18.2	26.3
First	10,713	10.1	9.9	10.3
Second	1,519	10.4	9.9	10.9
Third	245	7.5	6.6	8.4
Unknown	492	8.5	7.8	9.2
Total	13,059	10.0	9.9	10.2

Total Live Births
405
106,307
14,554
3,273
5,774
130,313

Percent Distribution of Preterm Live Births by Mother's Trimester Prenatal Care Began Los Angeles County, 2011



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.

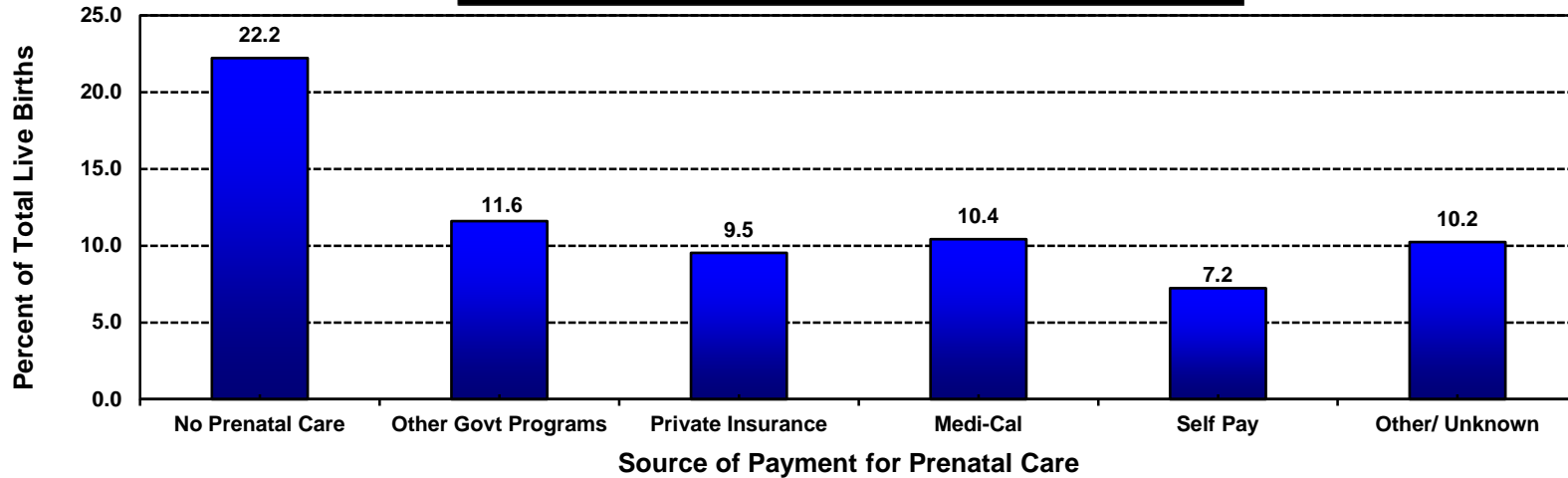
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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.

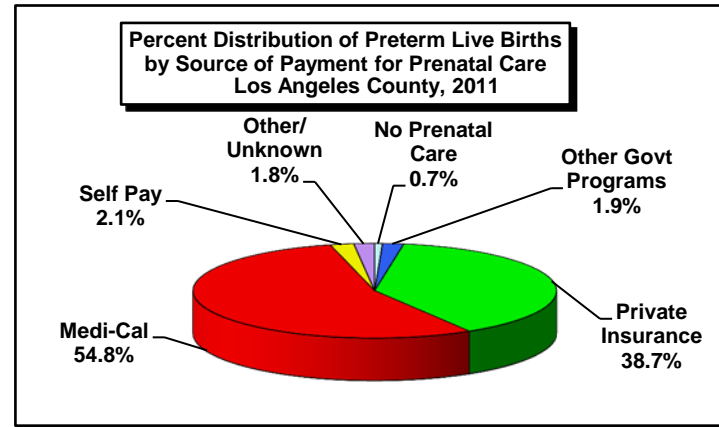
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2011**



Los Angeles County, 2011				
Source of Payment for Prenatal Care	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	90	22.2	18.2	26.3
Other Govt Programs	245	11.6	10.2	13.0
Private Insurance	5,060	9.5	9.3	9.8
Medi-Cal	7,151	10.4	10.2	10.7
Self Pay	272	7.2	6.4	8.1
Other/ Unknown	241	10.2	9.0	11.5
Total	13,059	10.0	9.9	10.2

Total Live Births
405
2,112
53,078
68,604
3,760
2,354
130,313



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

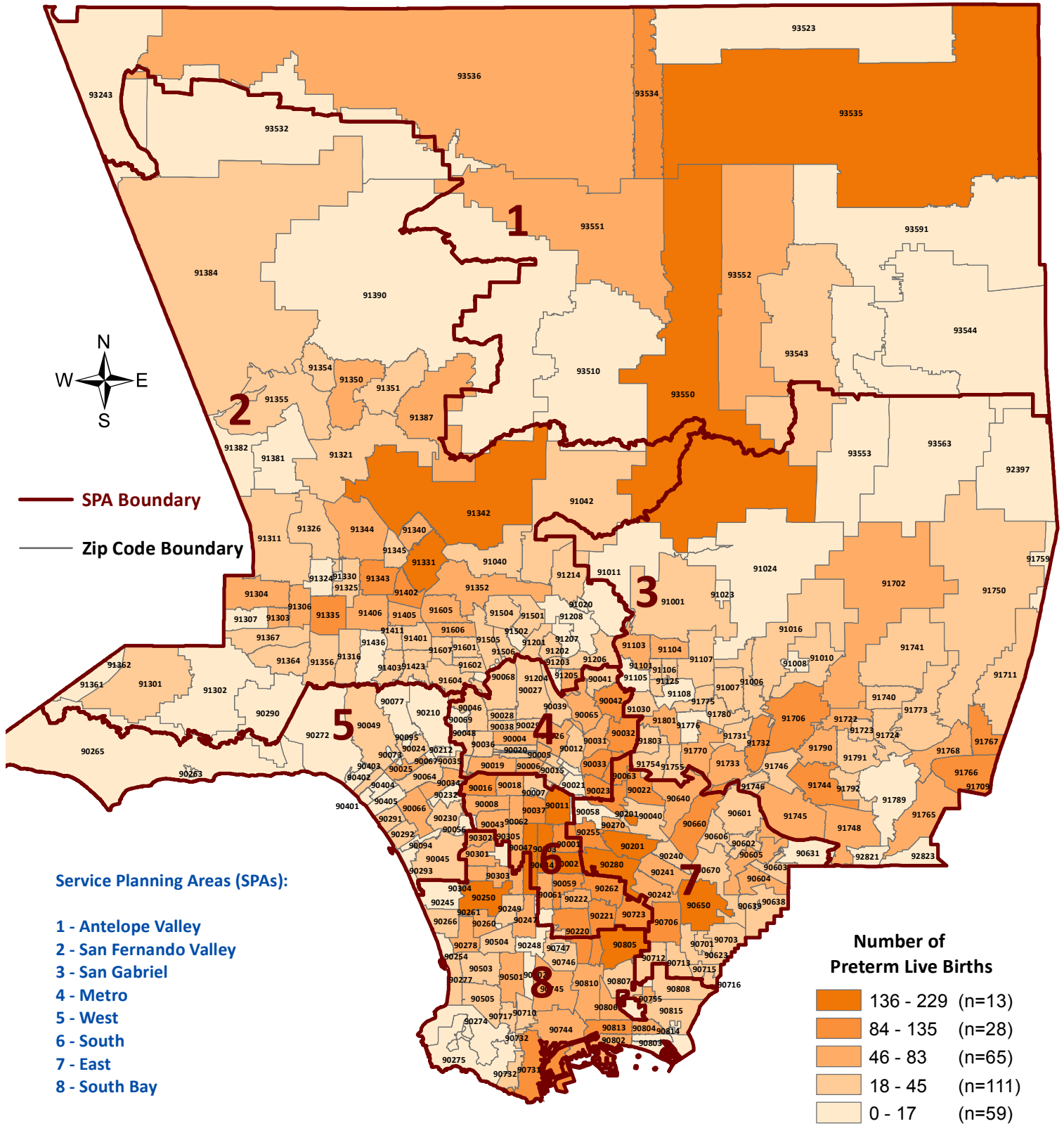
Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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, 2011.

**Los Angeles County - Department of Public Health
 Number of Preterm Live Births by Zip Code* and Service Planning Area (SPA)
 Los Angeles County, 2011**



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

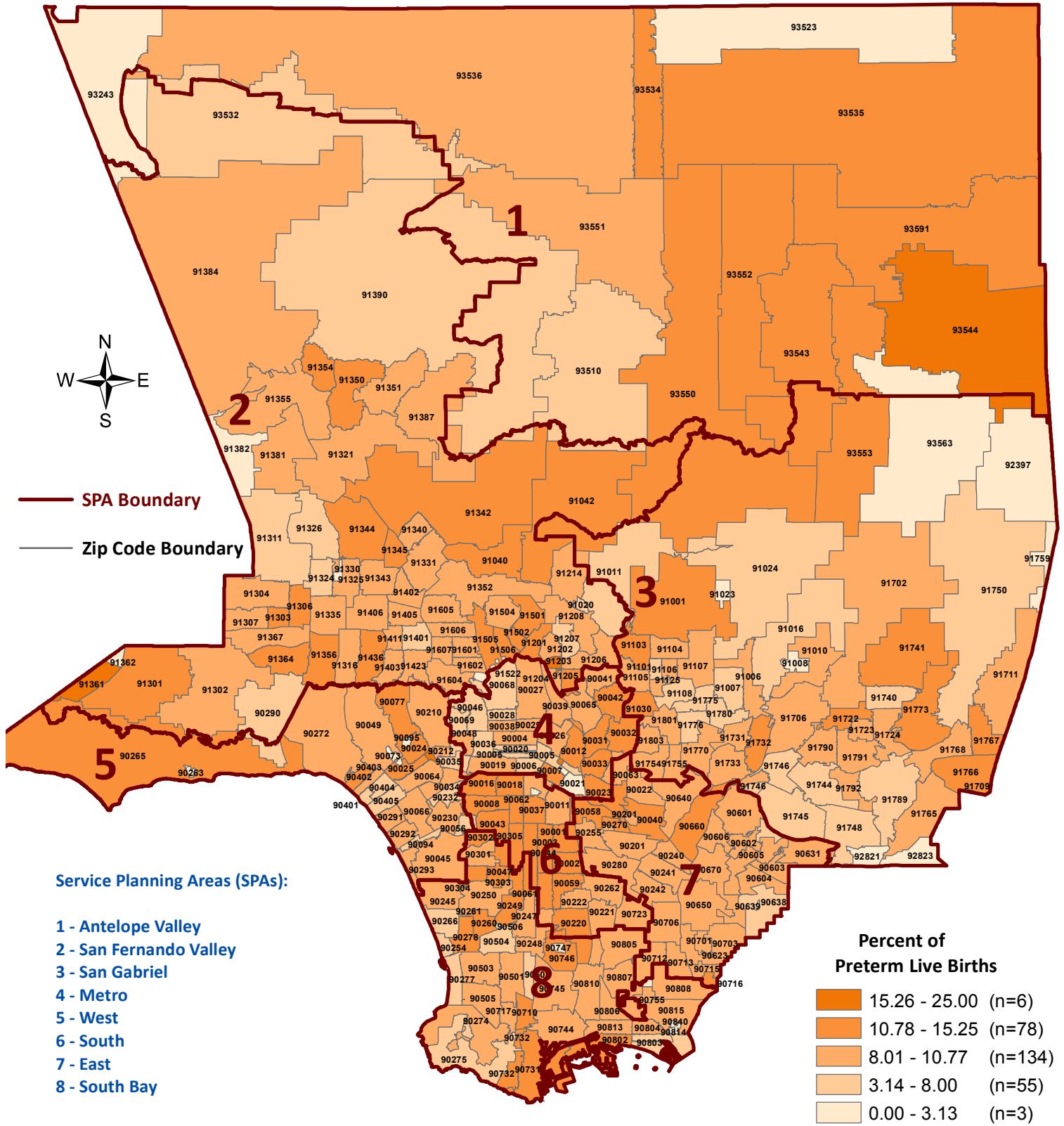
Total number of preterm live births in Los Angeles County, 2011 = 13,059

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.

Zip code 90704 (Catalina Island) is not included. Total number of preterm live births in 90704, 2011 = 1

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Los Angeles County - Department of Public Health
Percent of Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2011**



*Los Angeles County zip code boundaries as of April 2007

n = total number of zip codes within range

Total number of live births in Los Angeles County, 2011 = 130,313

Total number of preterm live births in Los Angeles County, 2011 = 13,059

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.

Percent of preterm live births per 100 live births in Los Angeles County, 2011 = 10.0

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.

Zip code 90704 (Catalina Island) is not included. Percent of preterm live births in 90704, 2011 = 3.13

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

Early Preterm Live Births

INDICATOR: Percent of Early Preterm Live Births

DEFINITION: The percent of live births occurring at less than 32 weeks of gestation and greater than or equal to 17 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 ¹				Los Angeles County			
	Early Preterm		95% Confidence Interval		Early Preterm		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
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
2010	N/A	N/A	N/A	N/A	2,037	1.5	1.5	1.6
2011	N/A	N/A	N/A	N/A	1,921	1.5	1.4	1.5

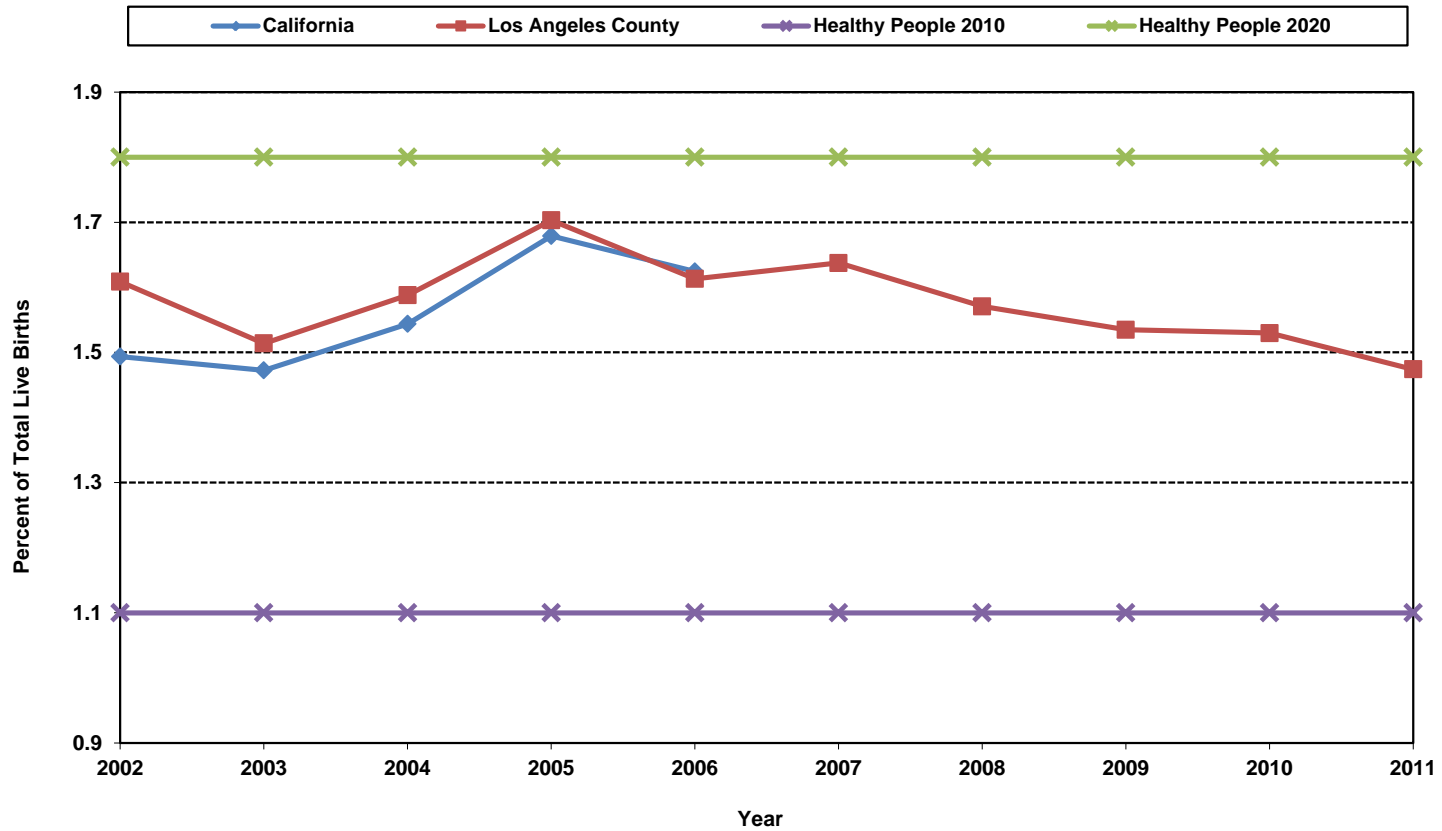
Year	Denominator: Live Births	
	California	LA County
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813
2008	551,567	147,684
2009	526,774	139,679
2010	509,979	133,160
2011	502,023	130,313

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

¹ N/A: 2007-2011 data for California not available for retrieval

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

**Percent of Early Preterm Live Births
California vs. Los Angeles County, 2002-2011**



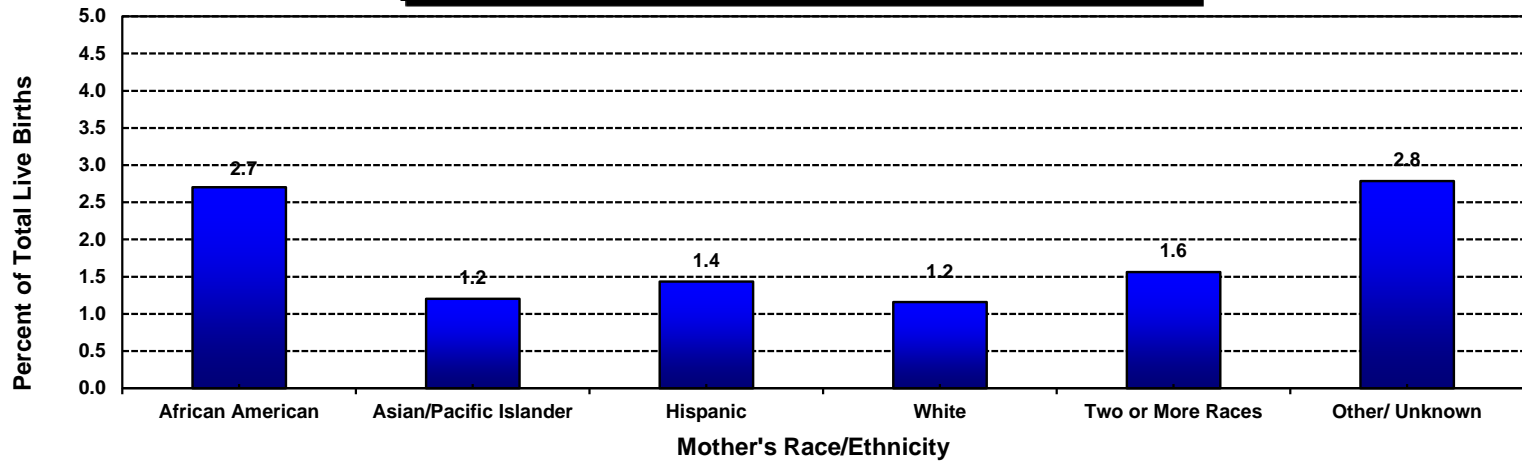
Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

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

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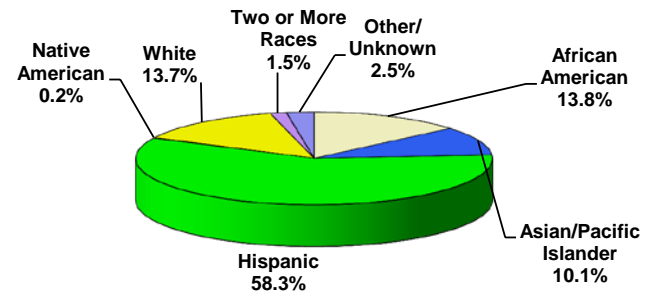
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Race/Ethnicity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	265	2.7	2.4	3.0
Asian/Pacific Islander	194	1.2	1.0	1.4
Hispanic	1,119	1.4	1.4	1.5
Native American	<5	N/C	N/C	N/C
White	263	1.2	1.0	1.3
Two or More Races	28	1.6	1.0	2.1
Other/ Unknown	48	2.8	2.0	3.6
Total	1,921	1.5	1.4	1.5

Total Live Births
9,804
16,126
77,993
191
22,684
1,792
1,723
130,313

**Percent Distribution of Early Preterm Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2011**



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.

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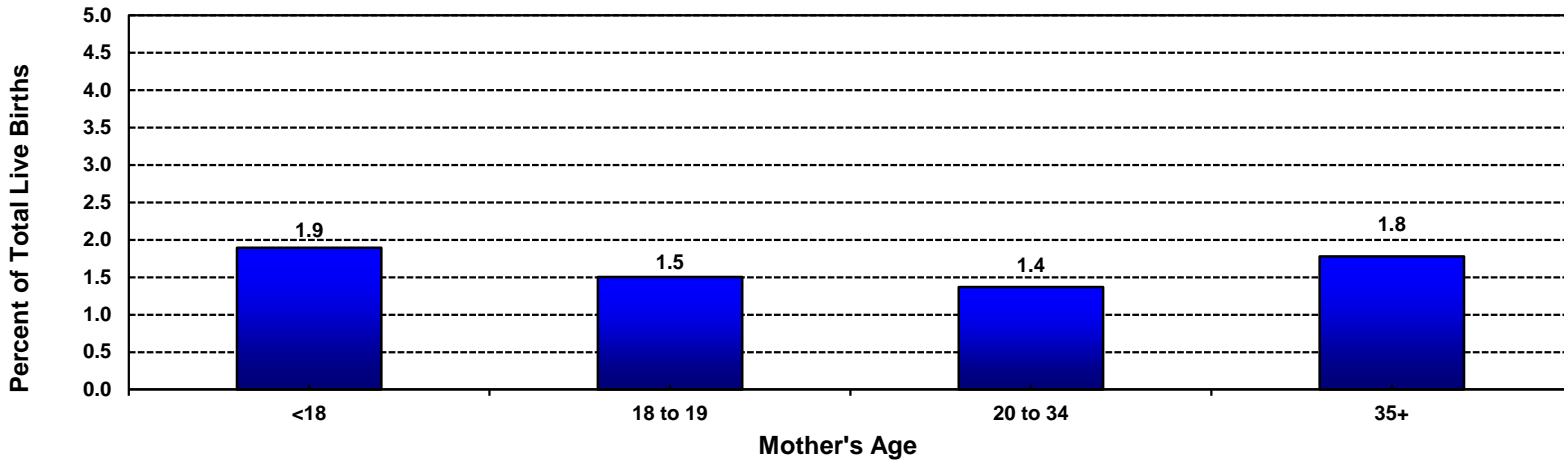
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African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category.

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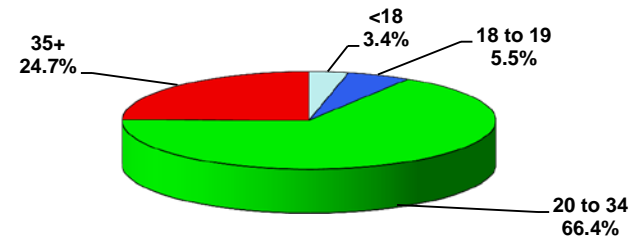
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Age	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	65	1.9	1.4	2.4
18 to 19	106	1.5	1.2	1.8
20 to 34	1,275	1.4	1.3	1.4
35+	475	1.8	1.6	1.9
Other/Unknown	<5	N/C	N/C	N/C
Total	1,921	1.5	1.4	1.5

Total Live Births
3,431
7,049
93,113
26,708
12
130,313

**Percent Distribution of Early Preterm Live Births
by Mother's Age
Los Angeles County, 2011**



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.

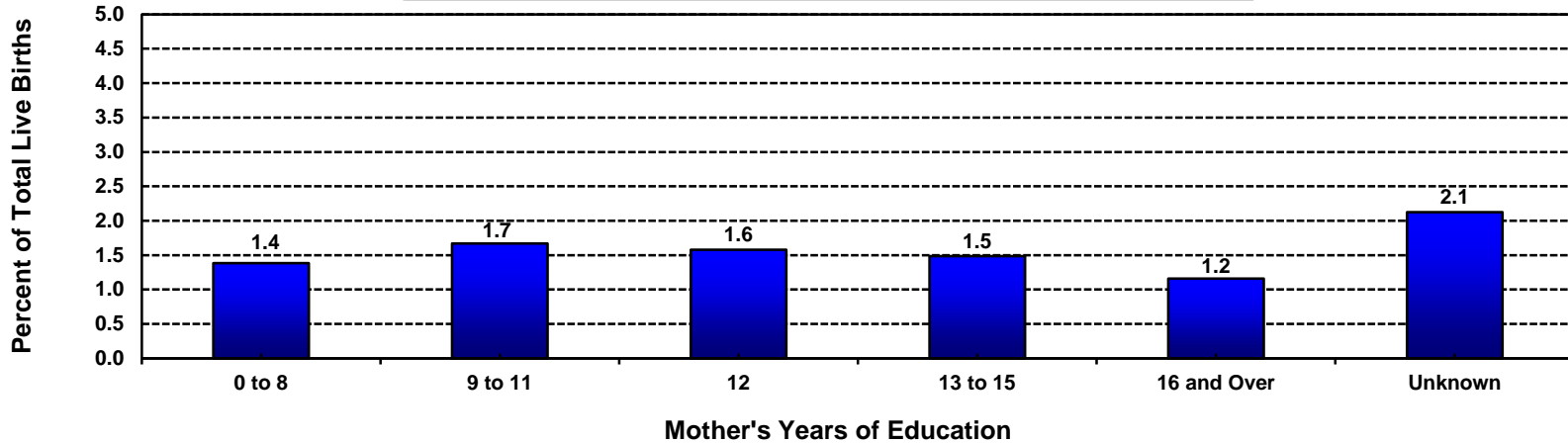
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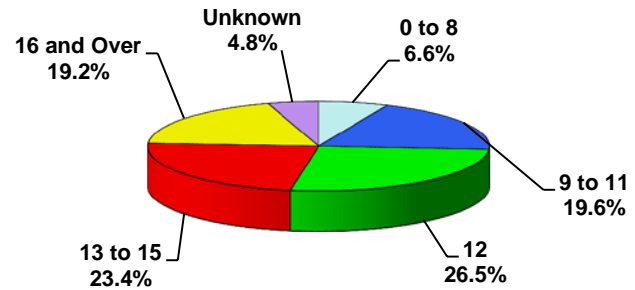
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Years of Education	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	126	1.4	1.1	1.6
9 to 11	376	1.7	1.5	1.8
12	509	1.6	1.4	1.7
13 to 15	449	1.5	1.3	1.6
16 and Over	369	1.2	1.0	1.3
Unknown	92	2.1	1.7	2.6
Total	1,921	1.5	1.4	1.5

Total Live Births
9,109
22,530
32,259
30,232
31,852
4,331
130,313

**Percent Distribution of Early Preterm Live Births
by Mother's Years of Education
Los Angeles County, 2011**



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

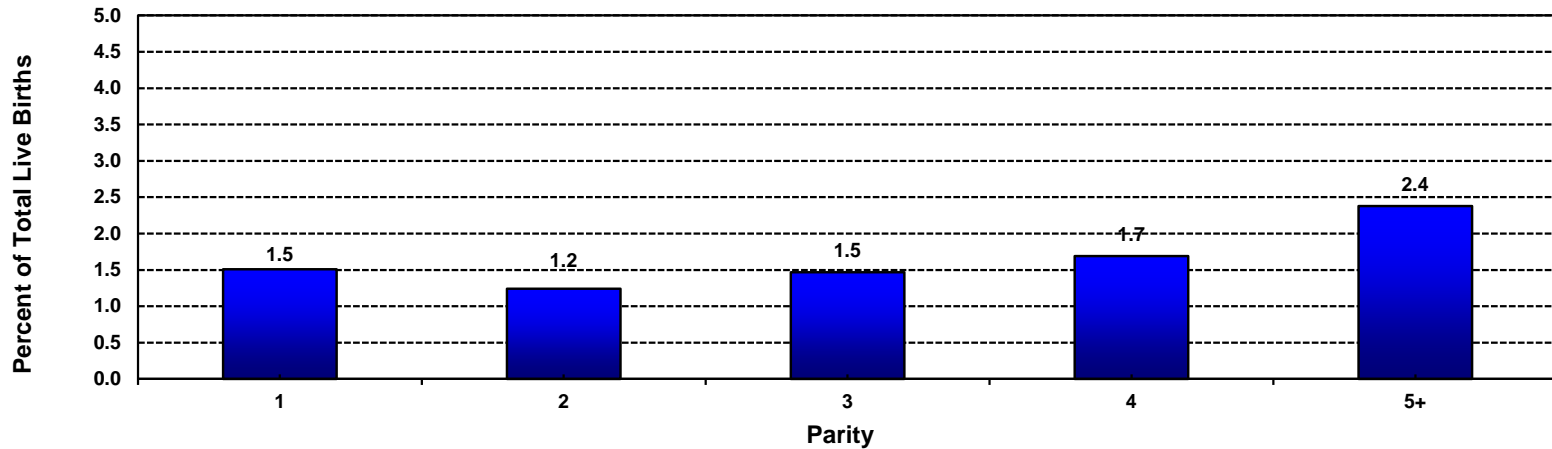
Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

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.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

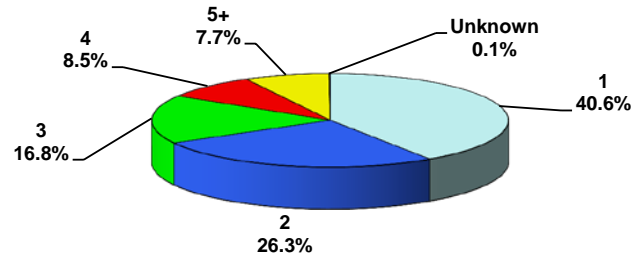
**Early Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2011**



Los Angeles County, 2011				
Parity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	780	1.5	1.4	1.6
2	505	1.2	1.1	1.3
3	323	1.5	1.3	1.6
4	163	1.7	1.4	1.9
5+	148	2.4	2.0	2.8
Unknown	<5	N/C	N/C	N/C
Total	1,921	1.5	1.4	1.5

Total Live Births
51,688
40,686
22,004
9,642
6,222
71
130,313

**Percent Distribution of Early Preterm Live Births
by Parity
Los Angeles County, 2011**



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.

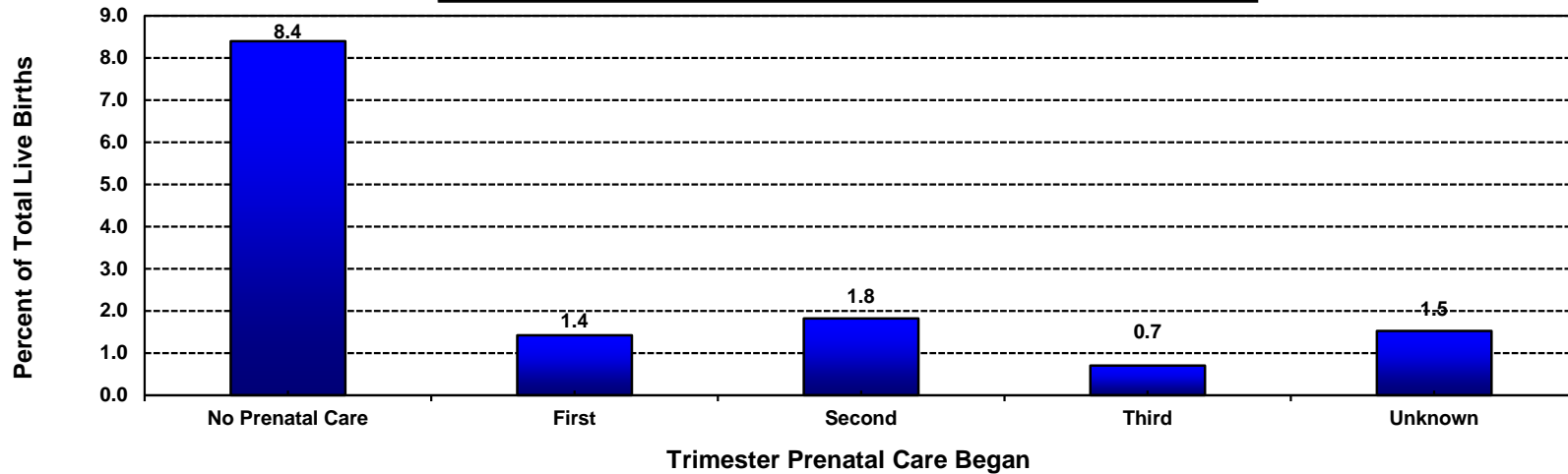
Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks. Gestation is calculated from reported date of last menses.

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, 2011.

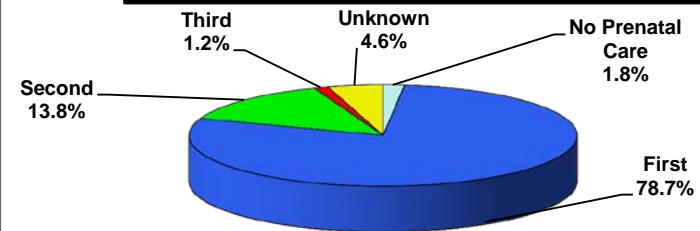
**Early Preterm Live Births, as Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Trimester Prenatal Care Began	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	34	8.4	5.7	11.1
First	1,511	1.4	1.4	1.5
Second	265	1.8	1.6	2.0
Third	23	0.7	0.4	1.0
Unknown	88	1.5	1.2	1.8
Total	1,921	1.5	1.4	1.5

Total Live Births
405
106,307
14,554
3,273
5,774
130,313

**Percent Distribution of Early Preterm Live Births by Mother's Trimester Prenatal Care Began
Los Angeles County, 2011**



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

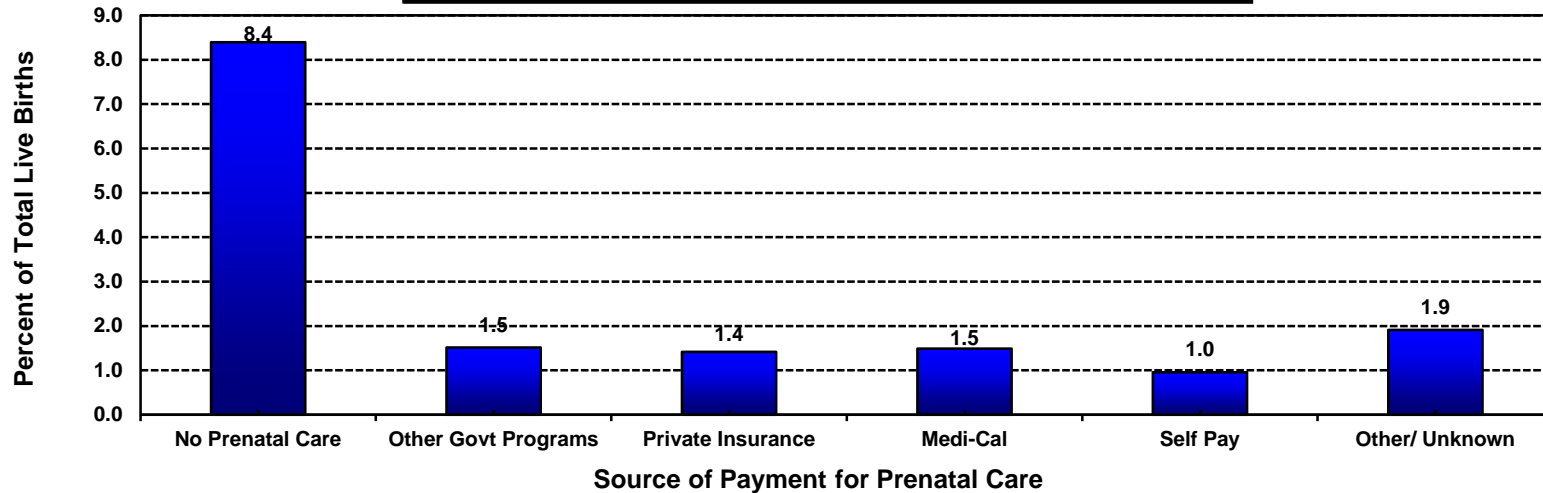
Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

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.

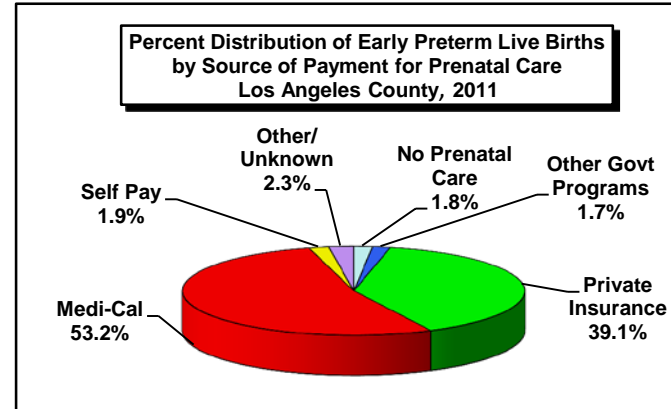
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Early Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2011**



Los Angeles County, 2011				
Source of Payment for Prenatal Care	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	34	8.4	5.7	11.1
Other Govt Programs	32	1.5	1.0	2.0
Private Insurance	752	1.4	1.3	1.5
Medi-Cal	1,022	1.5	1.4	1.6
Self Pay	36	1.0	0.6	1.3
Other/ Unknown	45	1.9	1.4	2.5
Total	1,921	1.5	1.4	1.5

Total Live Births
405
2,112
53,078
68,604
3,760
2,354
130,313



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

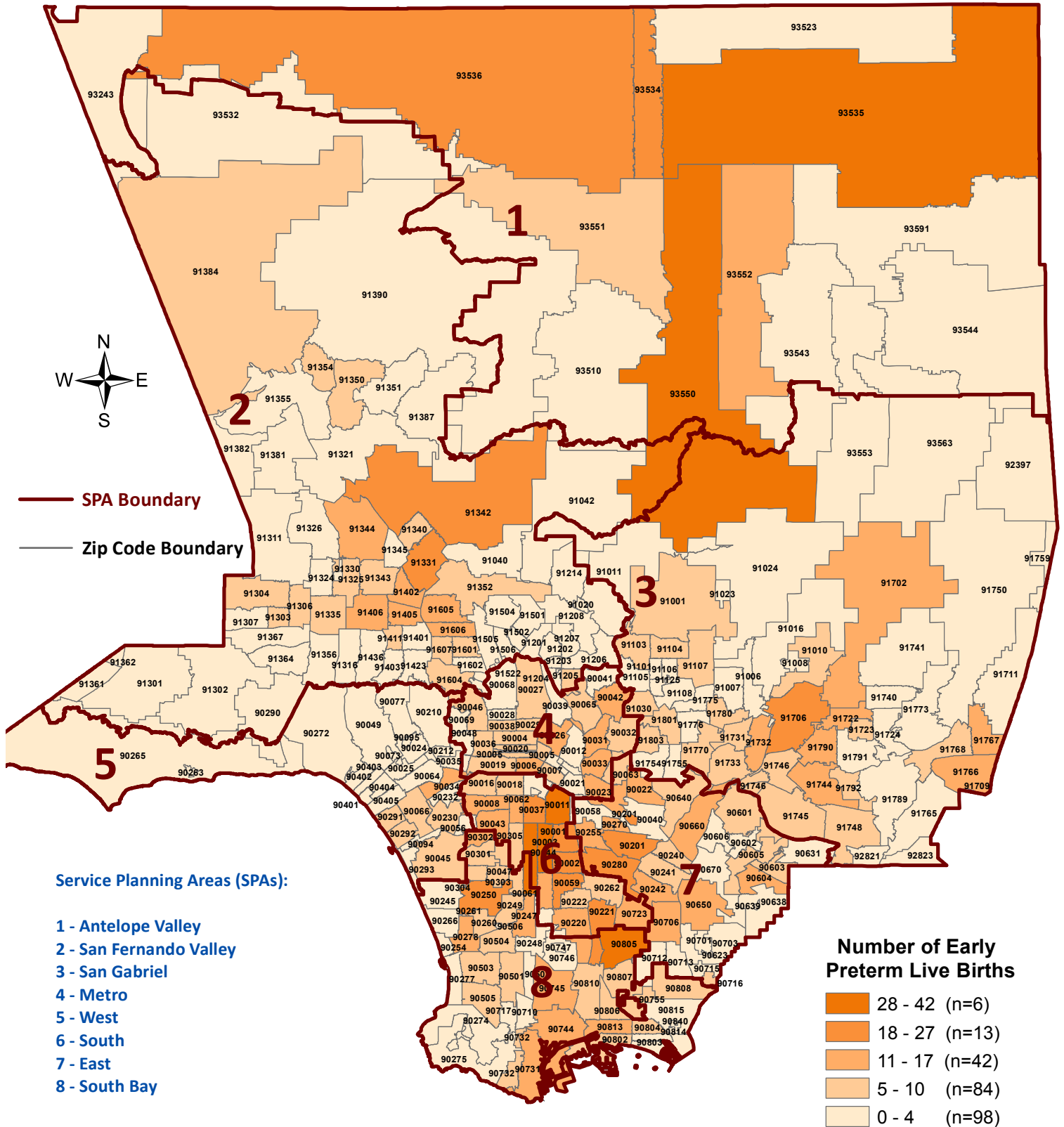
Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

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, 2011.

**Los Angeles County - Department of Public Health
 Number of Early Preterm Live Births by Zip Code* and Service Planning Area (SPA)
 Los Angeles County, 2011**



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

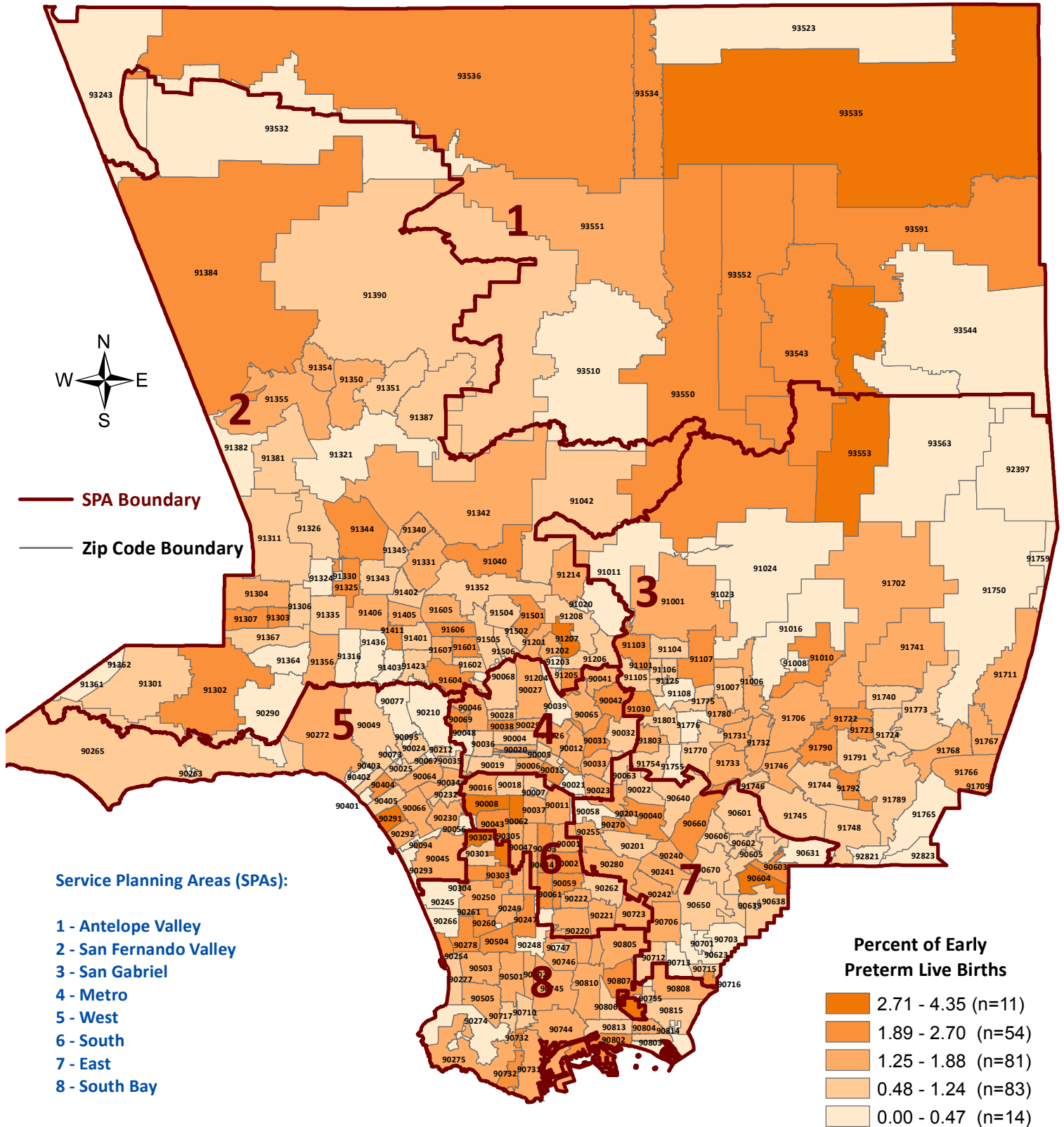
Total number of early preterm live births in Los Angeles County, 2011= 1,921

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.

Zip code 90704 (Catalina Island) is not included. Total number of early preterm live births in 90704, 2011 = 0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Los Angeles County - Department of Public Health
Percent of Early Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2011**



*Los Angeles County zip code boundaries as of April 2007

n = total number of zip codes within range

Total number of live births in Los Angeles County, 2011 = 130,313

Total number of early preterm live births in Los Angeles County, 2011 = 1,921

Percent of early preterm live births per 100 live births in Los Angeles County, 2011 = 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.

Zip code 90704 (Catalina Island) is not included. Percent of early preterm live births in 90704, 2011 = 0.00

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

Moderate Preterm Live Births

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 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)

HEALTHY PEOPLE 2020 OBJECTIVE:

Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 percent of live births. (Baseline: 9.0 percent in 2007) (Objective MICH 9.2)

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
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
2010	N/A	N/A	N/A	N/A	11,456	8.6	8.5	8.8
2011	N/A	N/A	N/A	N/A	11,138	8.5	8.4	8.7

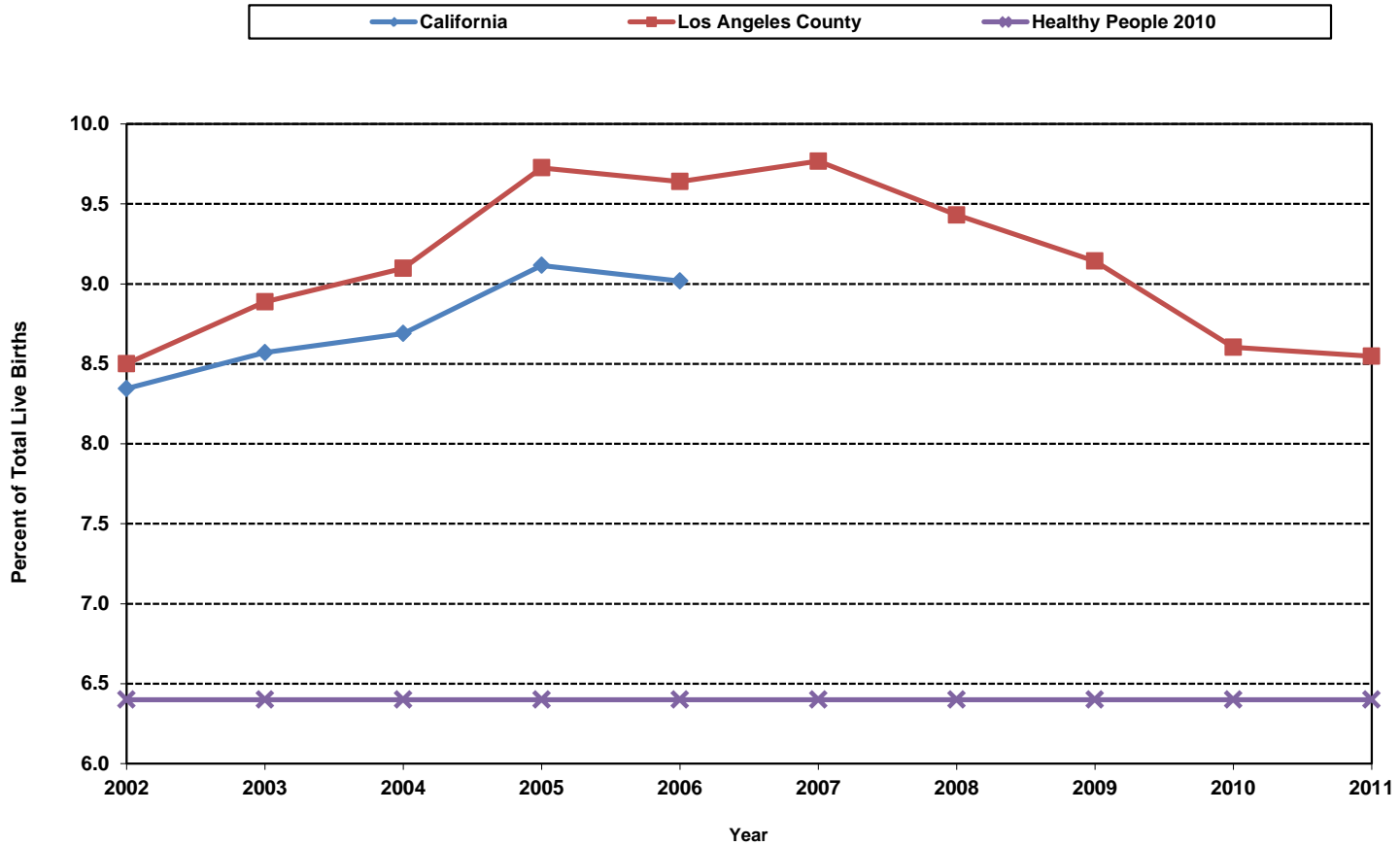
Denominator: Live Births		
Year	California	LA County
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813
2008	551,567	147,684
2009	526,774	139,679
2010	509,979	133,160
2011	502,023	130,313

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

N/A: 2007-2011 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, 2002-2011



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

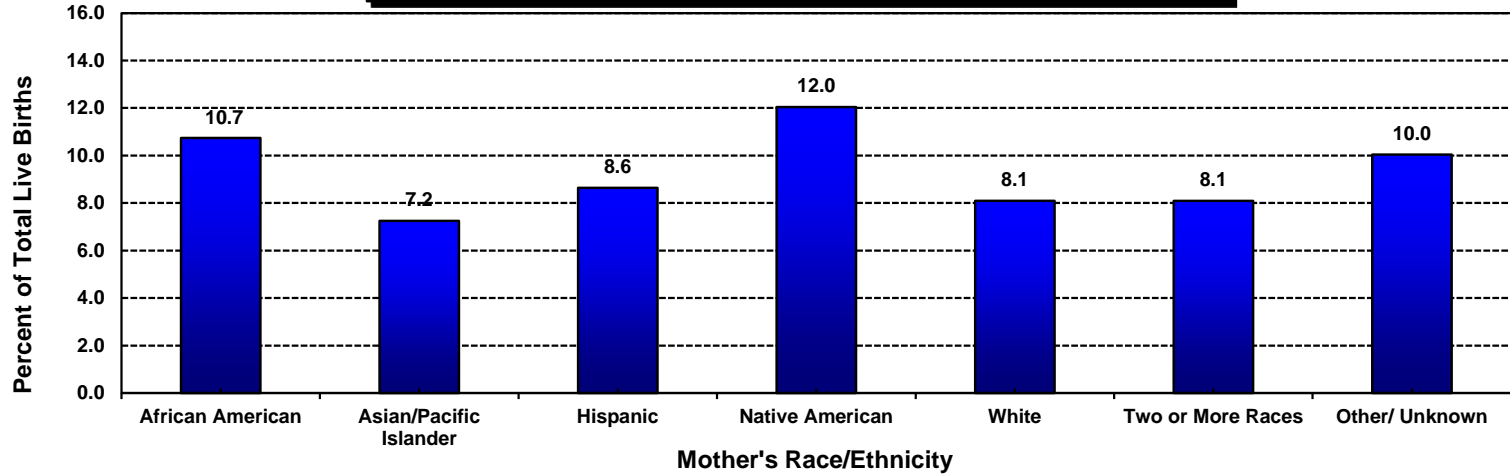
Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 percent of live births.

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: 2007-2011 data for California were not available for retrieval

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

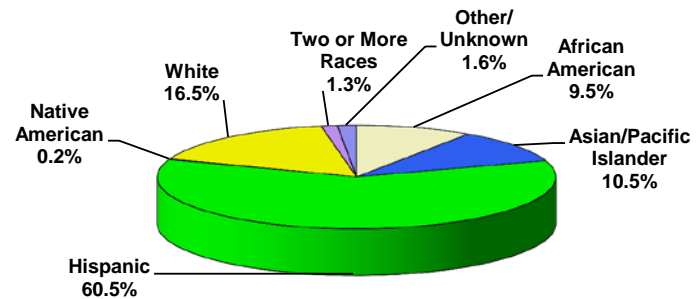
Moderate Preterm Live Births, as Percent of Total Live Births by Mother's Race/Ethnicity Los Angeles County, 2011



Los Angeles County, 2011				
Mother's Race/Ethnicity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,053	10.7	10.1	11.4
Asian/Pacific Islander	1,169	7.2	6.8	7.6
Hispanic	6,739	8.6	8.4	8.8
Native American	23	12.0	7.4	16.7
White	1,836	8.1	7.7	8.4
Two or More Races	145	8.1	6.8	9.4
Other/ Unknown	173	10.0	8.6	11.5
Total	11,138	8.5	8.4	8.7

Total Live Births
9,804
16,126
77,993
191
22,684
1,792
1,723
130,313

Percent Distribution of Moderate Preterm Live Births by Mother's Race/Ethnicity Los Angeles County, 2011



Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.
 Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 percent of live births.

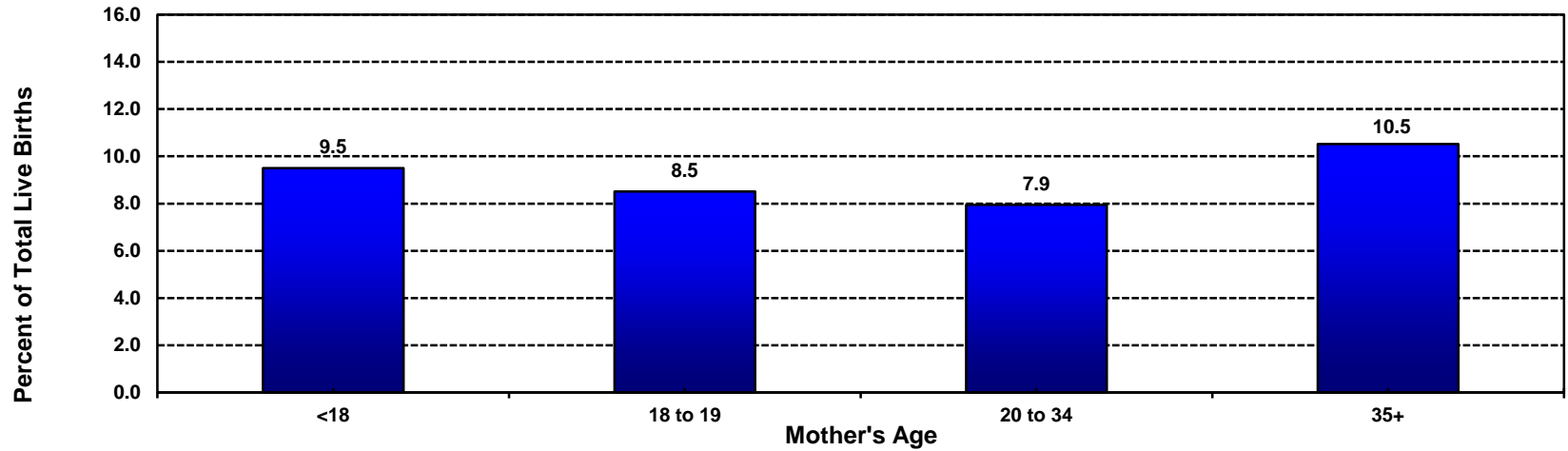
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.
 Gestation is calculated from reported date of last menses.

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.

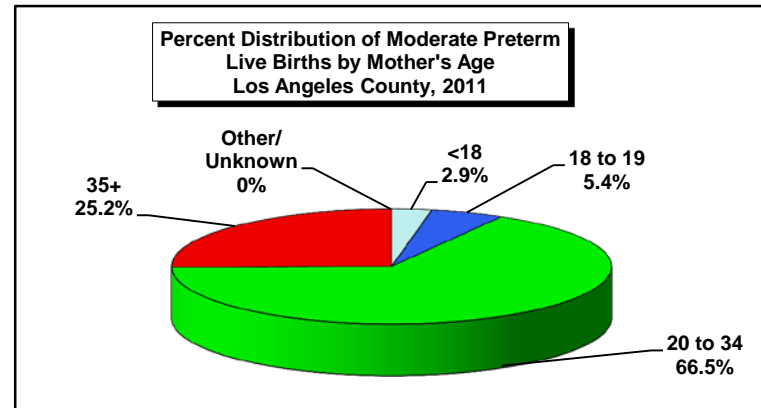
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Age	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	326	9.5	8.5	10.5
18 to 19	600	8.5	7.9	9.2
20 to 34	7,402	7.9	7.8	8.1
35+	2,810	10.5	10.2	10.9
Other/Unknown	<5	N/C	N/C	N/C
Total	11,138	8.5	8.4	8.7

Total Live Births
3,431
7,049
93,113
26,708
12
130,313



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

Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 percent of live births.

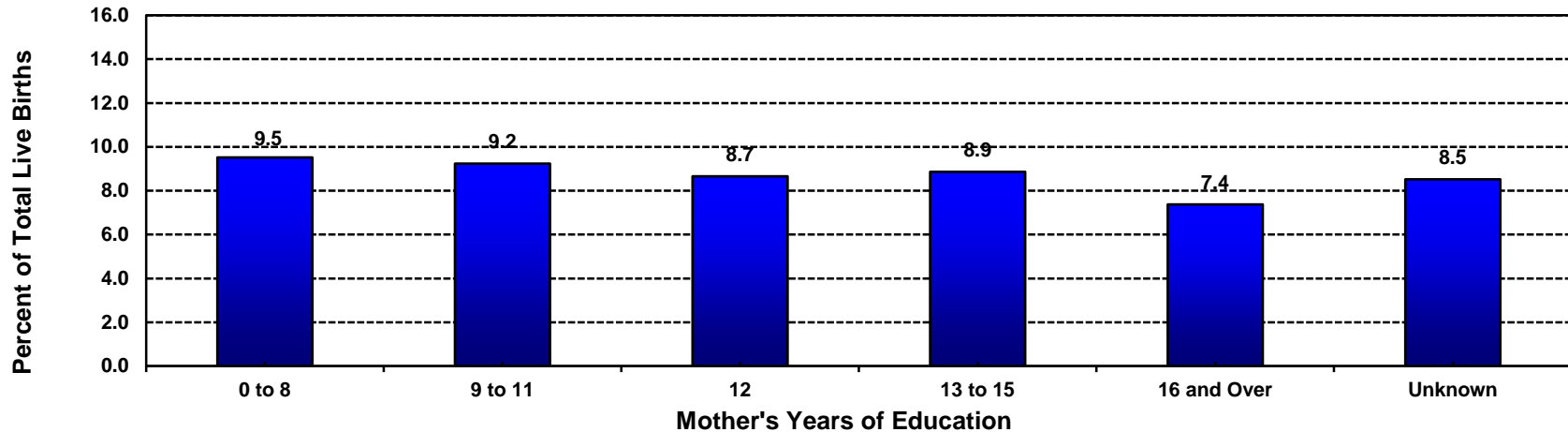
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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.

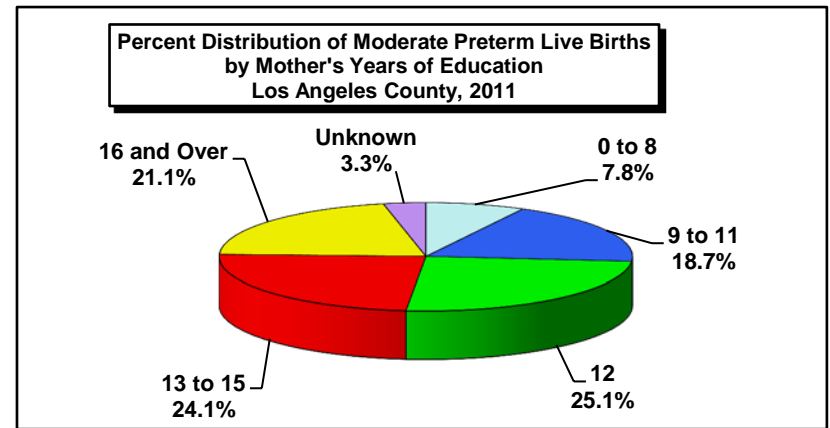
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Years of Education	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	867	9.5	8.9	10.1
9 to 11	2,081	9.2	8.9	9.6
12	2,793	8.7	8.4	9.0
13 to 15	2,679	8.9	8.5	9.2
16 and Over	2,349	7.4	7.1	7.7
Unknown	369	8.5	7.7	9.4
Total	11,138	8.5	8.4	8.7

Total Live Births
9,109
22,530
32,259
30,232
31,852
4,331
130,313



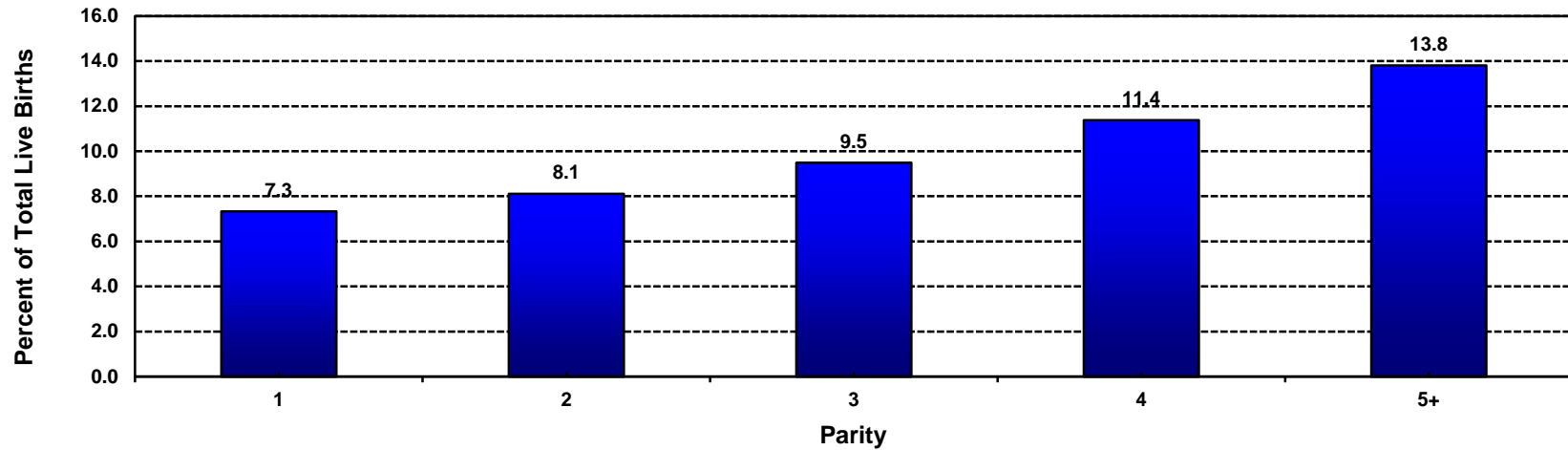
Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 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.

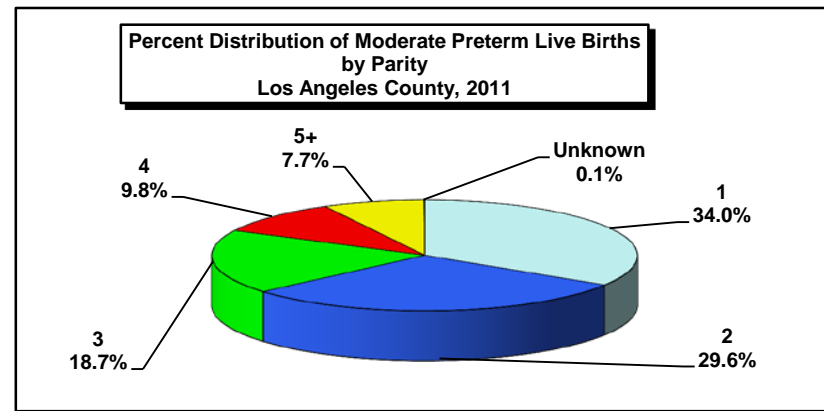
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2011**



Los Angeles County, 2011				
Parity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	3,789	7.3	7.1	7.6
2	3,299	8.1	7.8	8.4
3	2,088	9.5	9.1	9.9
4	1,097	11.4	10.7	12.0
5+	859	13.8	12.9	14.7
Unknown	6	8.5	2.0	14.9
Total	11,138	8.5	8.4	8.7

Total Live Births
51,688
40,686
22,004
9,642
6,222
71
130,313



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

Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 percent of live births.

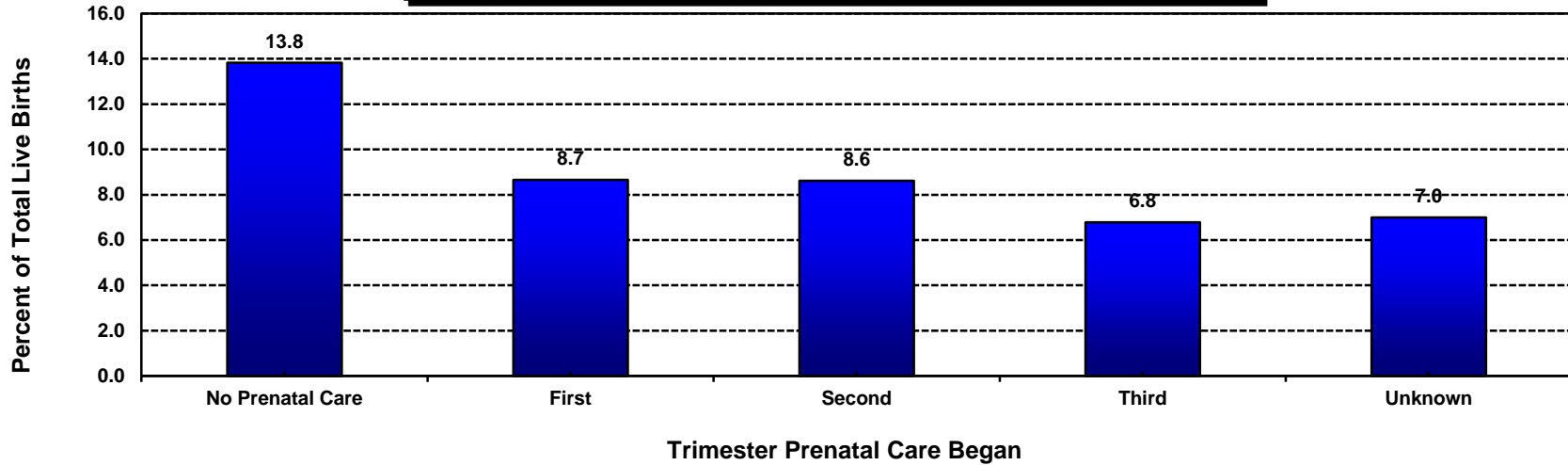
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Gestation is calculated from reported date of last menses.

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

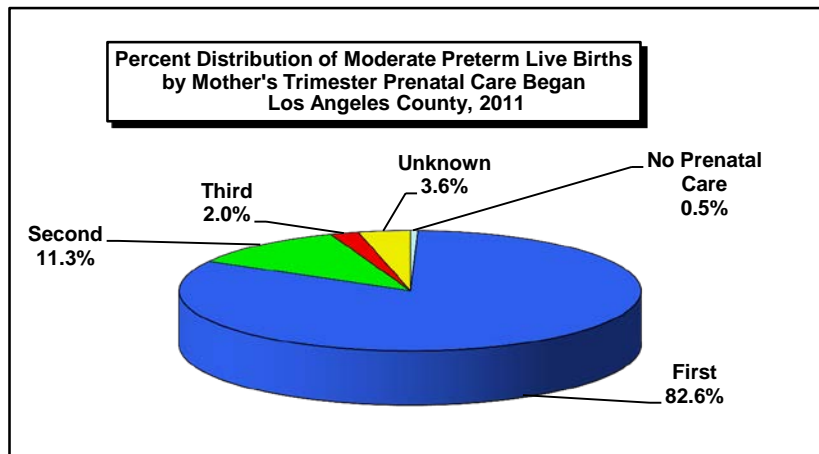
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2011**



Los Angeles County, 2011				
Mother's Trimester Prenatal Care Began	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	56	13.8	10.5	17.2
First	9,202	8.7	8.5	8.8
Second	1,254	8.6	8.2	9.1
Third	222	6.8	5.9	7.6
Unknown	404	7.0	6.3	7.7
Total	11,138	8.5	8.4	8.7

Total Live Births
405
106,307
14,554
3,273
5,774
130,313



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

Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 percent of live births.

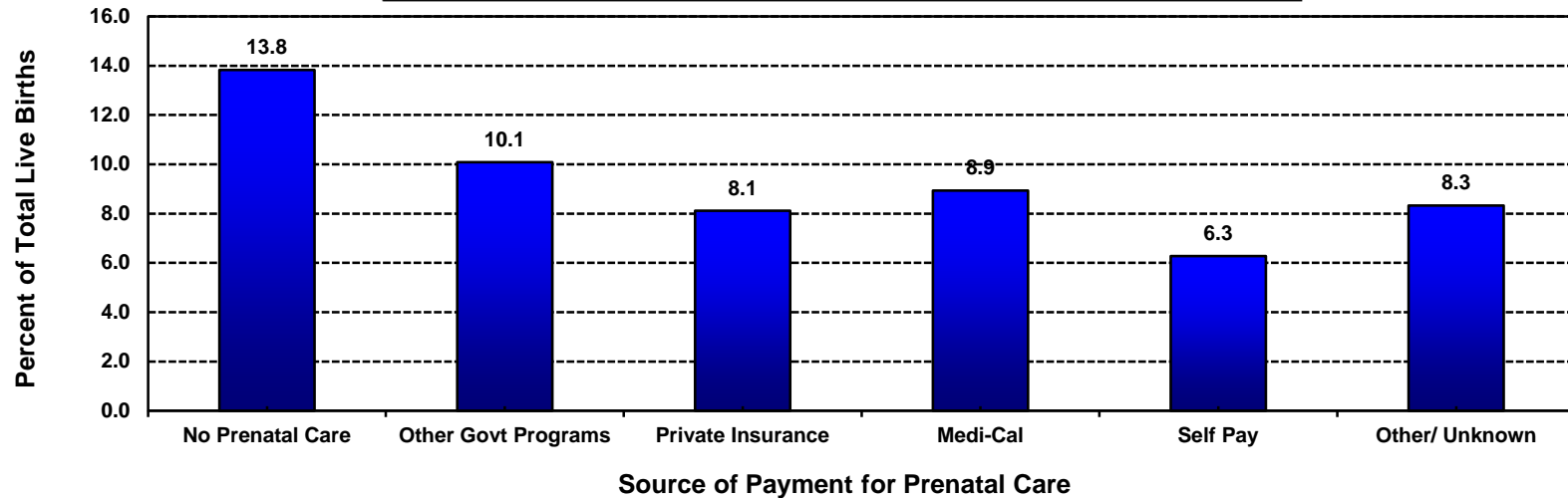
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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.

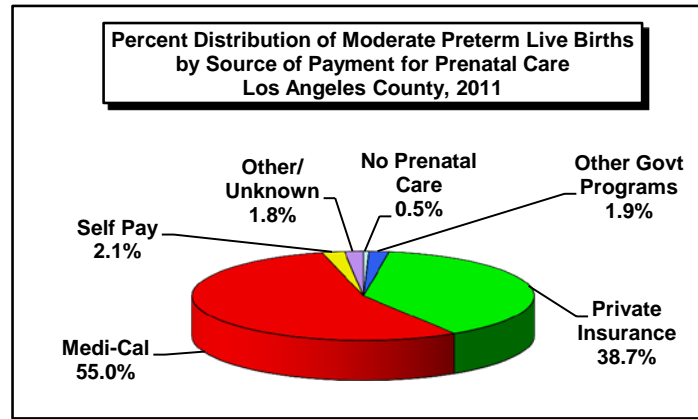
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2011**



Los Angeles County, 2011				
Source of Payment for Prenatal Care	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	56	13.8	10.5	17.2
Other Govt Programs	213	10.1	8.8	11.4
Private Insurance	4,308	8.1	7.9	8.3
Medi-Cal	6,129	8.9	8.7	9.1
Self Pay	236	6.3	5.5	7.1
Other/ Unknown	196	8.3	7.2	9.4
Total	11,138	8.5	8.4	8.7

Total Live Births
405
2,112
53,078
68,604
3,760
2,354
130,313



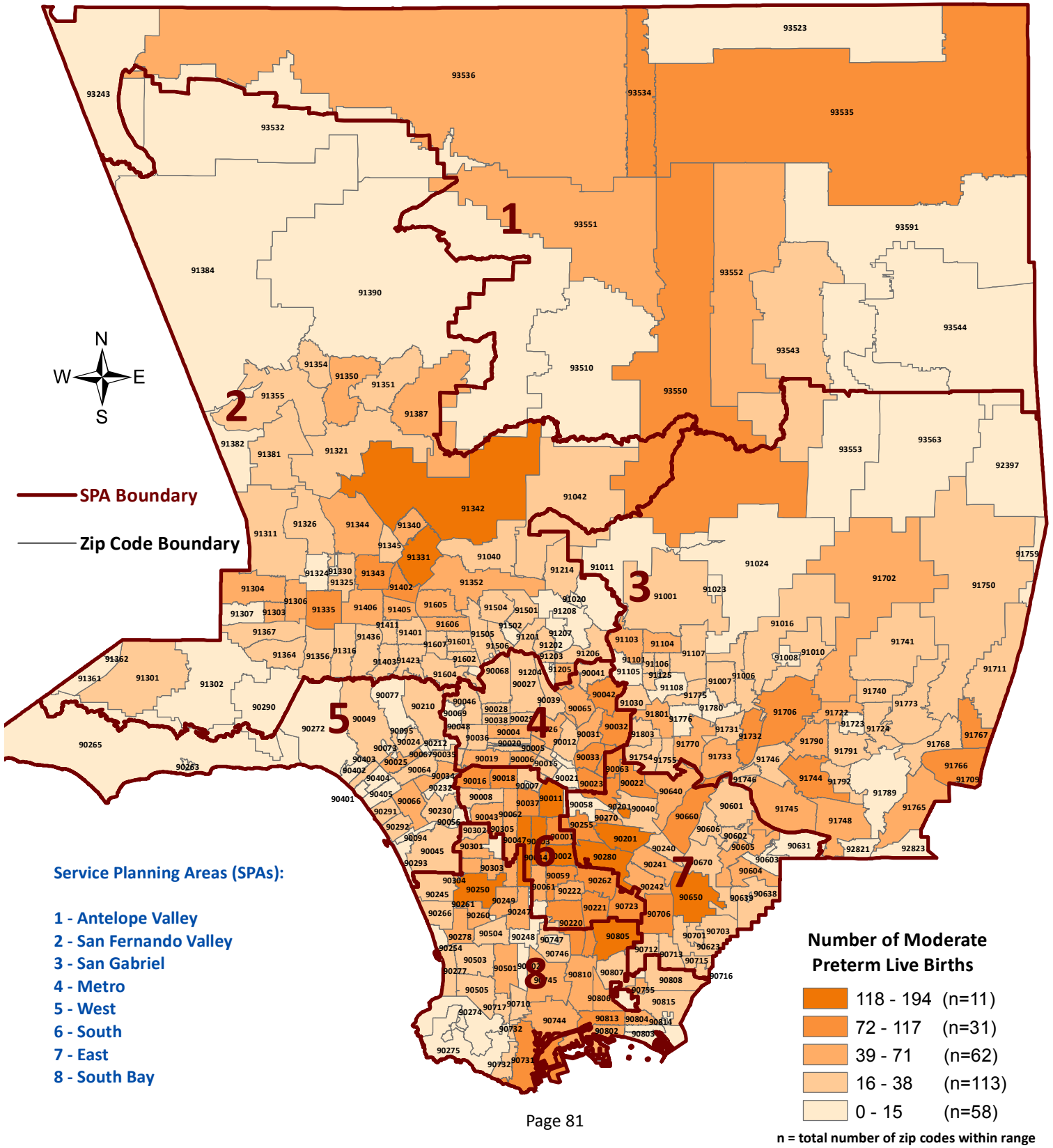
Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

Year 2020 Objective: Reduce moderate preterm live births between 34 to 36 weeks of gestation to no more than 8.1 percent of live births; reduce moderate preterm live births between 32 to 33 weeks of gestation to no more than 1.6 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, 2011.

Los Angeles County - Department of Public Health
Number of Moderate Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2011



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

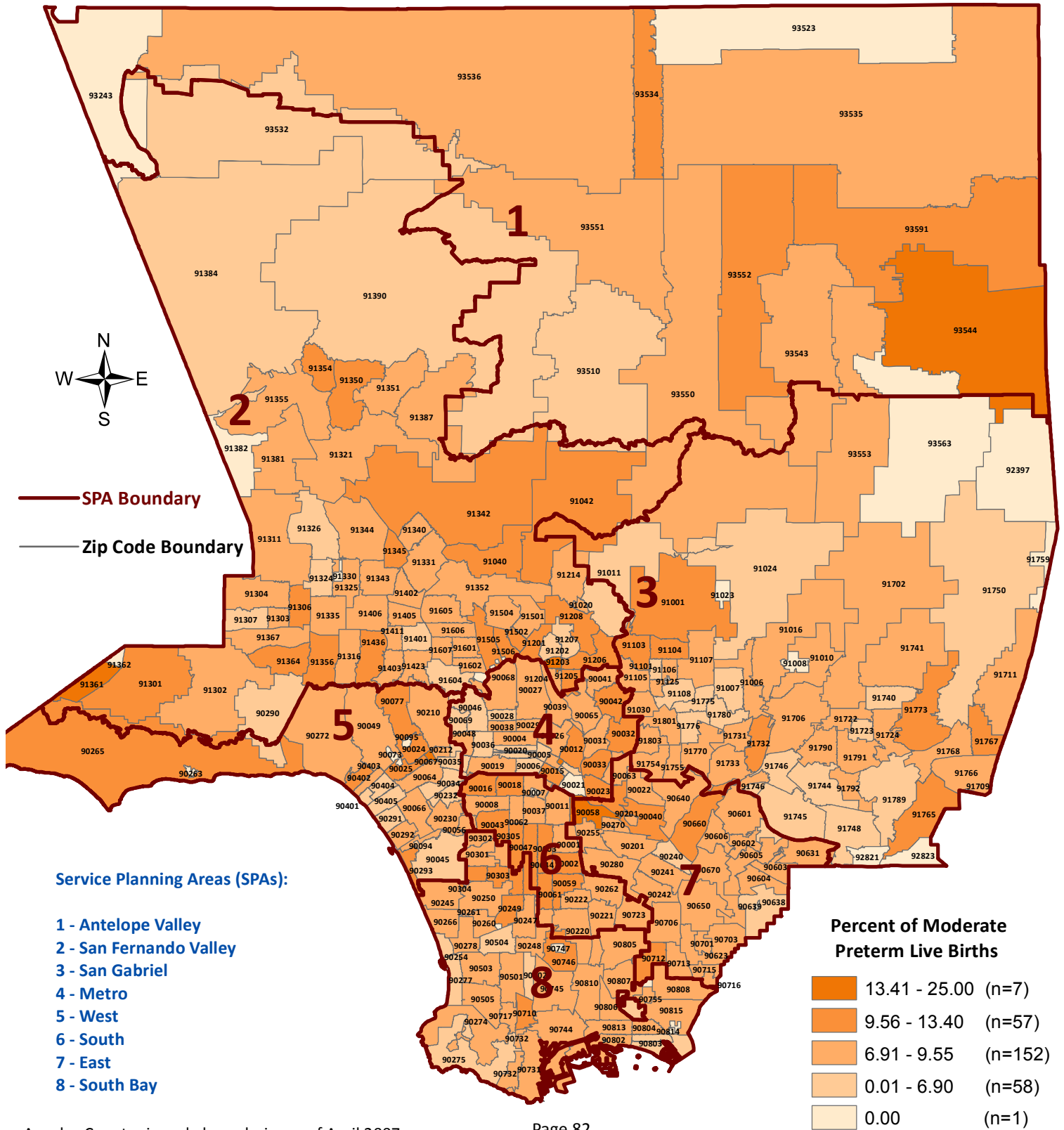
Total number of moderate preterm live births in Los Angeles County, 2011 = 11,138

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

Zip code 90704 (Catalina Island) is not included. Total number of moderate preterm live births in 90704, 2011 = 1

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

Los Angeles County - Department of Public Health
Percent of Moderate Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2011



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,131

Total number of moderate preterm live births in Los Angeles County, 2011 = 11,138

Percent of moderate preterm live births per 100 live births in Los Angeles County, 2011 = 8.5

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

Year 2020 Objective: Reduce moderate preterm births to an incidence of no more than 1.4 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.

Zip code 90704 (Catalina Island) is not included. Percent of moderate preterm live births in 90704, 2011 = 3.13

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.