

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)

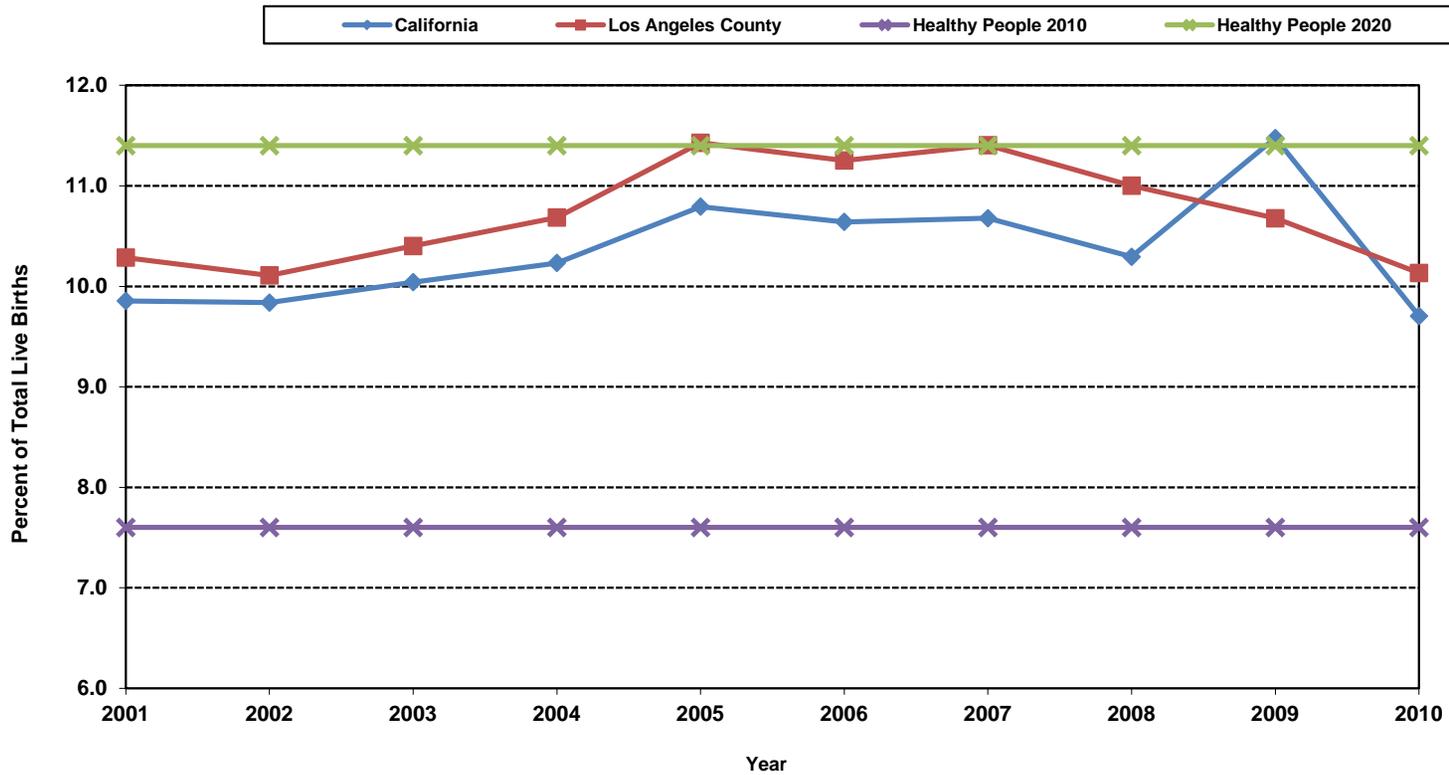
Year	California				Los Angeles County			
	Preterm Live Birth		95% Confidence Interval		Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2001	51,974	9.9	9.8	9.9	15,792	10.3	10.1	10.4
2002	52,067	9.8	9.8	9.9	15,282	10.1	10.0	10.3
2003	54,311	10.0	10.0	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	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

Denominator: Live Births		
Year	California	LA County
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
2010	509,979	133,160

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, 2001-2010.

Percent of Preterm Births California vs. Los Angeles County, 2000-2010



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

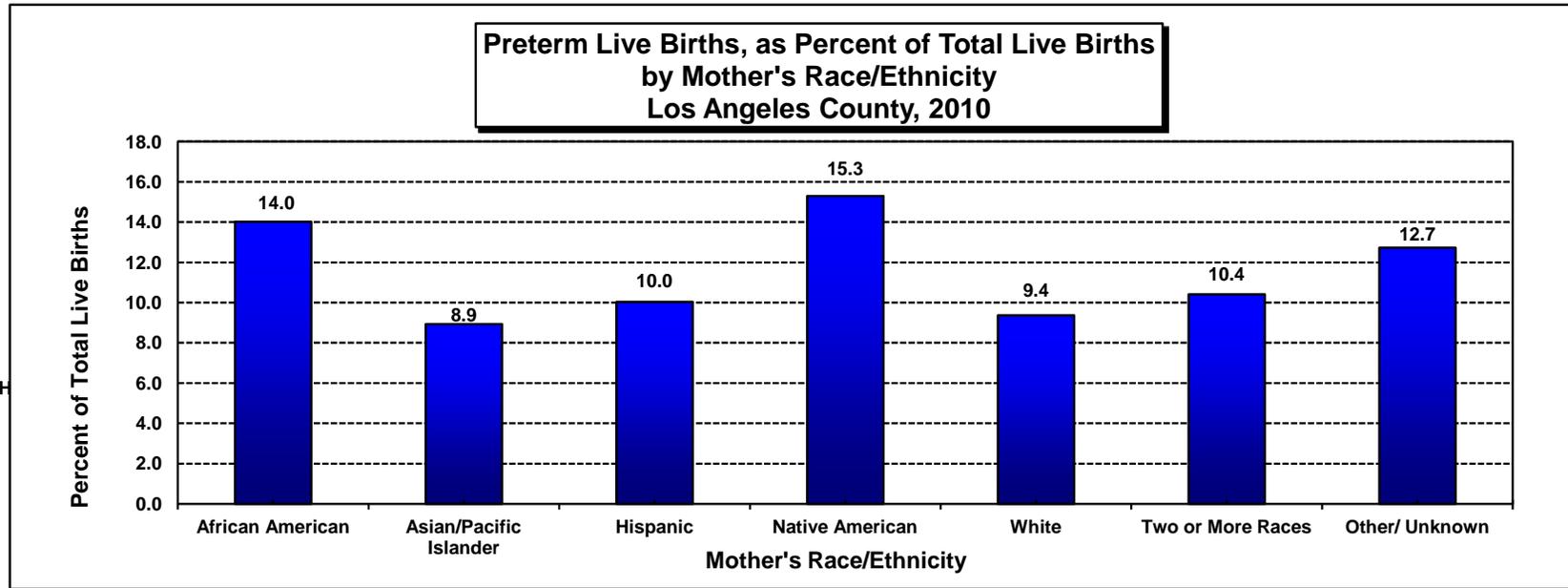
Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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.

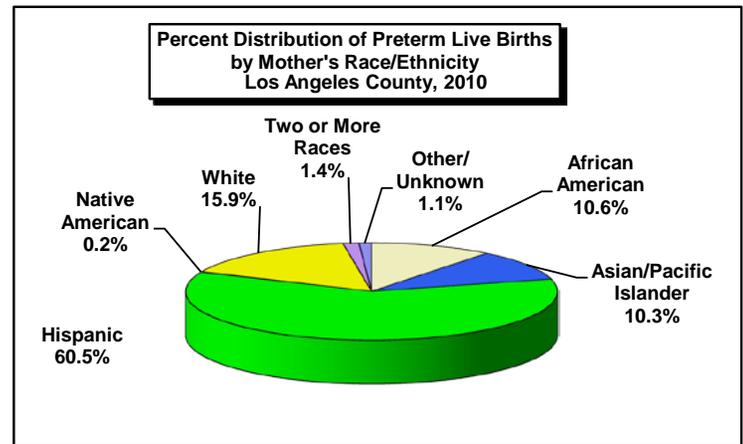
Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2001-2010.



Los Angeles County, 2010				
Mother's Race/Ethnicity	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,435	14.0	13.3	14.7
Asian/Pacific Islander	1,390	8.9	8.5	9.4
Hispanic	8,166	10.0	9.8	10.2
Native American	26	15.3	9.9	20.7
White	2,144	9.4	9.0	9.7
Two or More Races	185	10.4	9.0	11.8
Other/ Unknown	147	12.7	10.8	14.6
Total	13,493	10.1	10.0	10.3

Total Live Births
10,237
15,562
81,372
170
22,887
1,777
1,155
133,160



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.

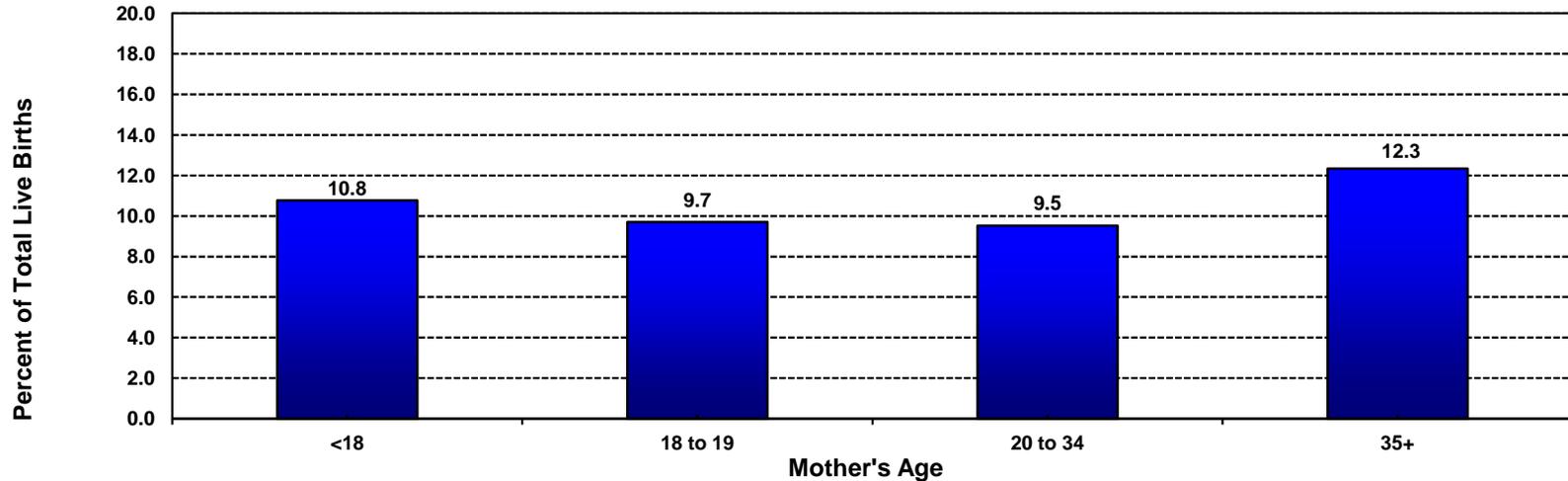
Gestation is calculated from reported date of last menses.

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.

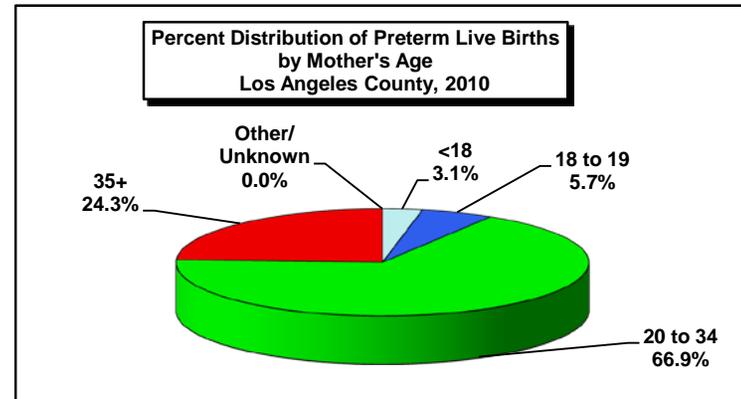
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Age	Preterm Live Birth		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	418	10.8	9.8	11.7
18 to 19	767	9.7	9.0	10.4
20 to 34	9,027	9.5	9.3	9.7
35+	3,279	12.3	11.9	12.7
Other/ Unknown	<5	N/C	N/C	N/C
Total	13,493	10.1	10.0	10.3

Total Live Births
3,882
7,907
94,786
26,577
8
133,160



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.

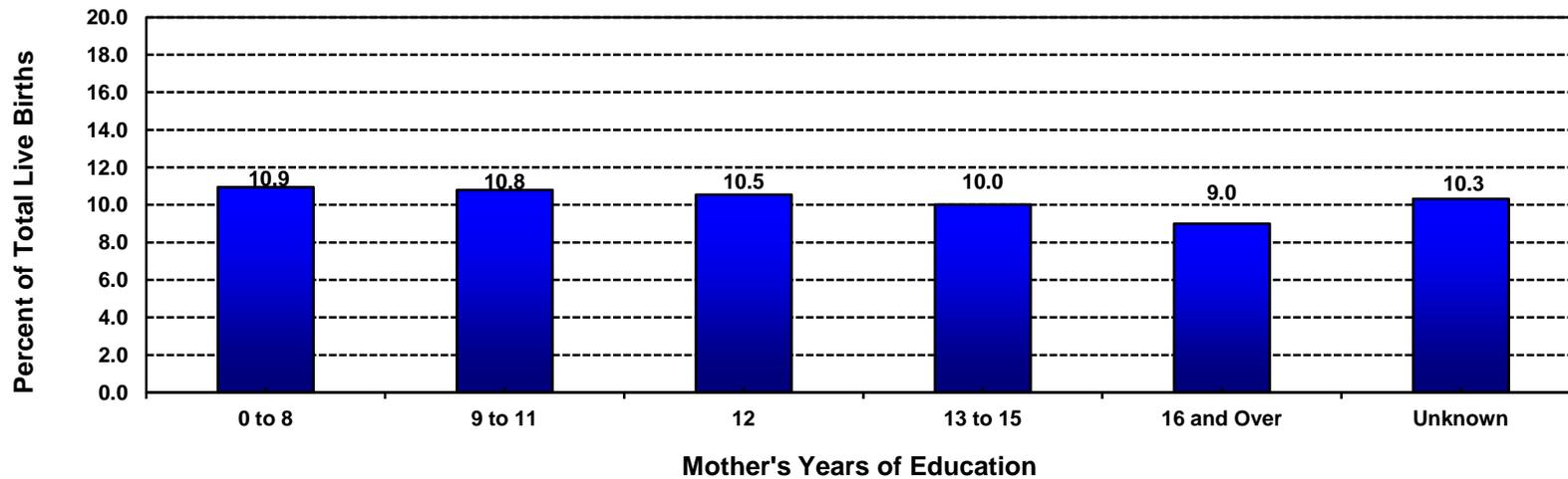
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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.

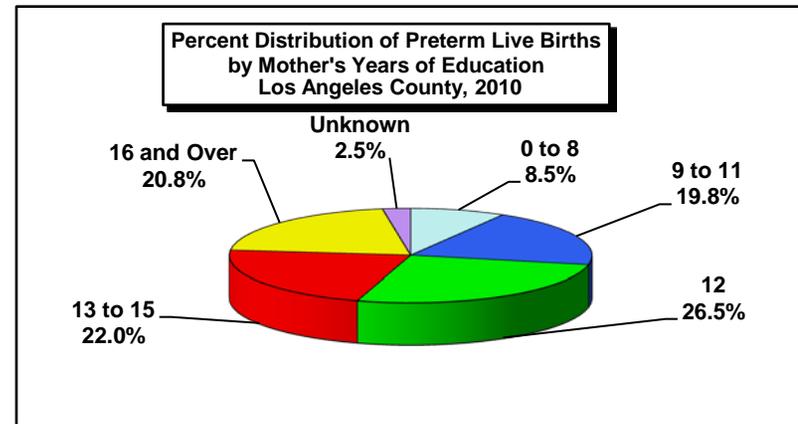
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Years of Education	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	1,145	10.9	10.3	11.5
9 to 11	2,668	10.8	10.4	11.2
12	3,573	10.5	10.2	10.9
13 to 15	2,963	10.0	9.7	10.4
16 and Over	2,807	9.0	8.7	9.3
Unknown	337	10.3	9.3	11.4
Total	13,493	10.1	10.0	10.3

Total Live Births
10,465
24,724
33,901
29,593
31,211
3,266
133,160



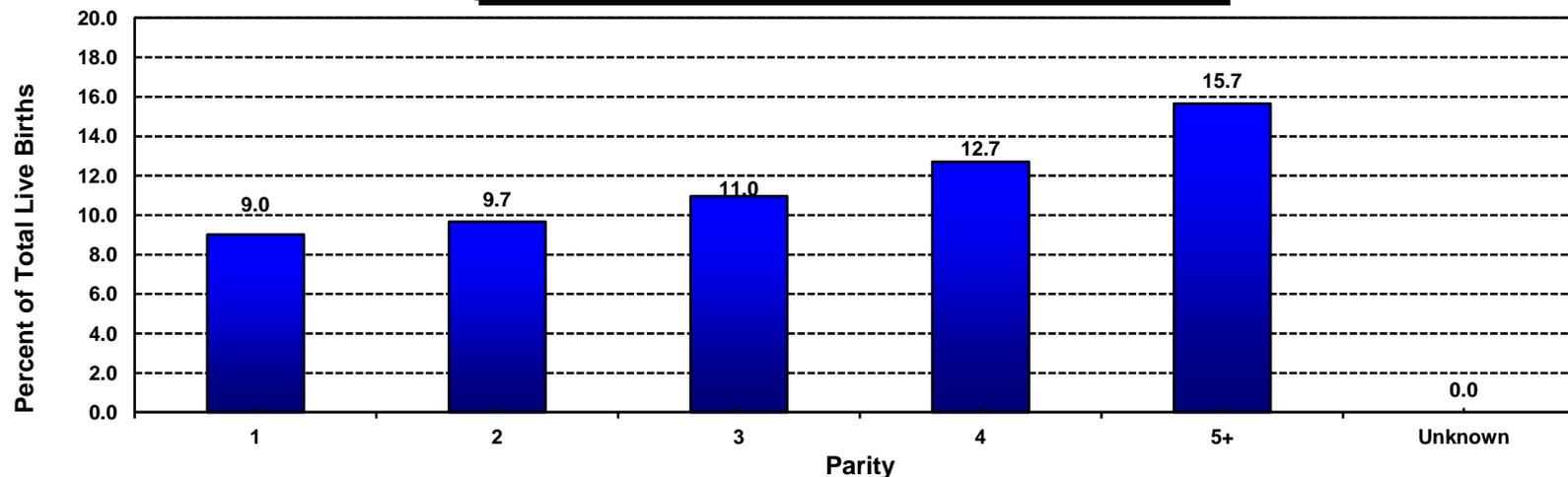
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Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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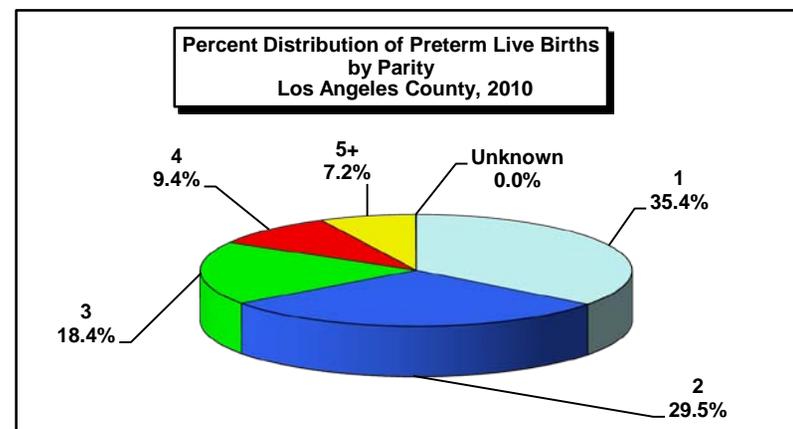
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2010**



Los Angeles County, 2010				
Parity	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	4,782	9.0	8.8	9.3
2	3,980	9.7	9.4	10.0
3	2,478	11.0	10.6	11.4
4	1,275	12.7	12.1	13.4
5+	974	15.7	14.8	16.6
Unknown	4	N/C	N/C	N/C
Total	13,493	10.1	10.0	10.3

Total Live Births
53,037
41,179
22,607
10,033
6,221
83
133,160



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.

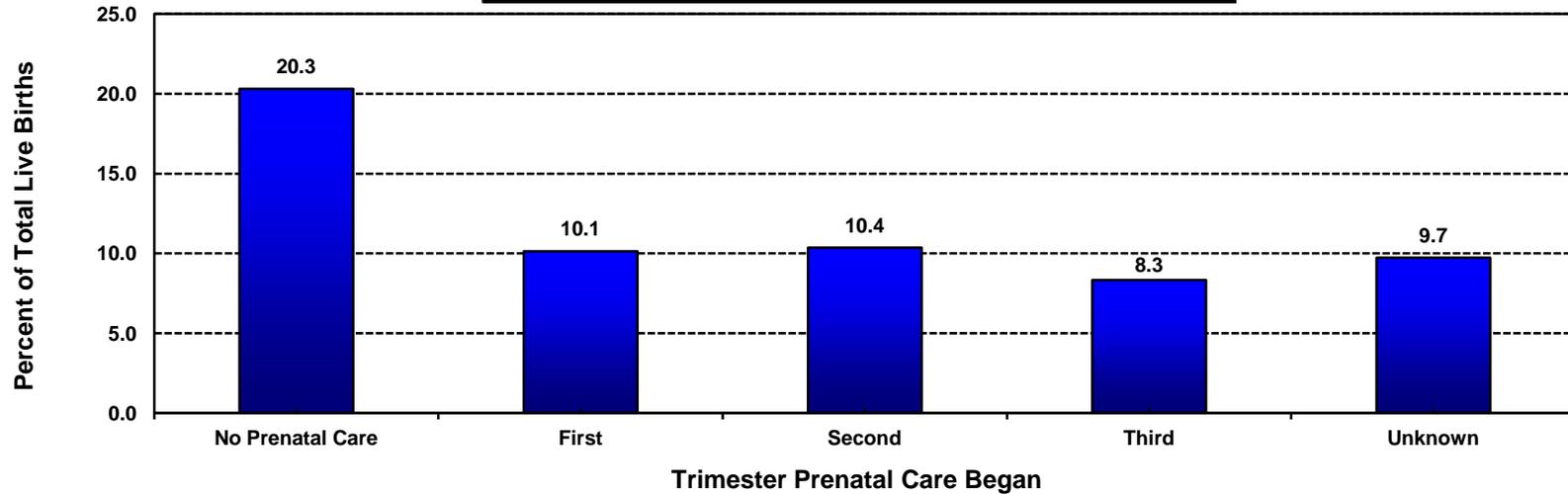
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

Gestation is calculated from reported date of last menses.

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

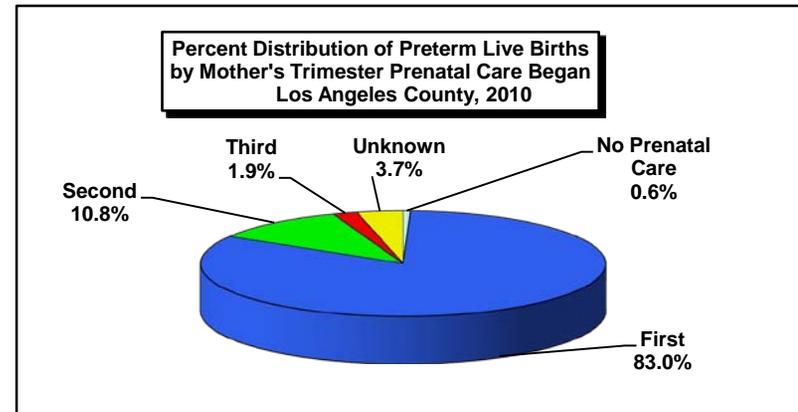
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

Preterm Live Births, as Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began Los Angeles County, 2010



Los Angeles County, 2010				
Mother's Trimester Prenatal Care Began	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	80	20.3	16.3	24.3
First	11,203	10.1	10.0	10.3
Second	1,453	10.4	9.9	10.9
Third	261	8.3	7.4	9.3
Unknown	496	9.7	8.9	10.5
Total	13,493	10.1	10.0	10.3

Total Live Births
394
110,516
14,022
3,132
5,096
133,160



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.

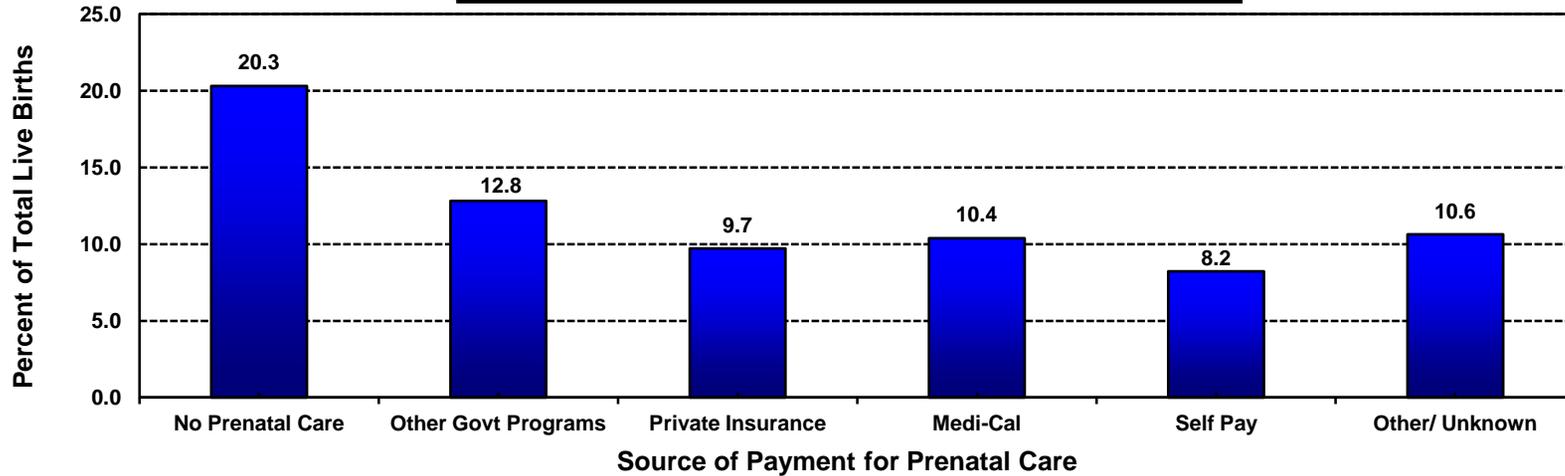
Note: Preterm live births is defined as live births occurring at less than 37 weeks of gestation and greater than or equal to 17 weeks.

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.

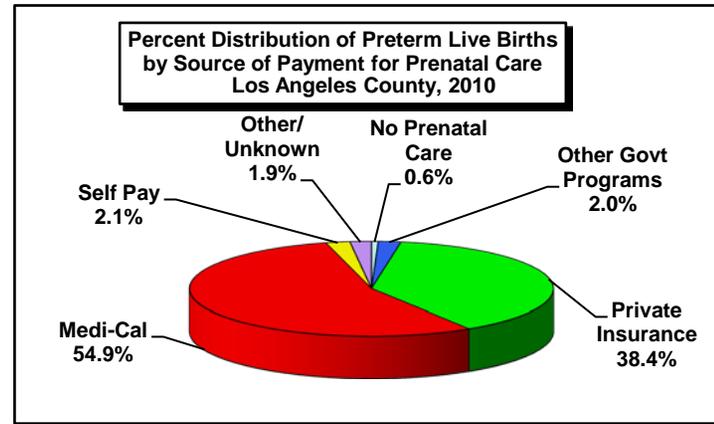
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2010**



Los Angeles County, 2010				
Source of Payment for Prenatal Care	Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	80	20.3	16.3	24.3
Other Govt Programs	271	12.8	11.4	14.2
Private Insurance	5,184	9.7	9.5	10.0
Medi-Cal	7,414	10.4	10.2	10.6
Self Pay	287	8.2	7.3	9.1
Other/ Unknown	257	10.6	9.4	11.9
Total	13,493	10.1	10.0	10.3

Total Live Births
394
2,115
53,349
71,397
3,489
2,416
133,160



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

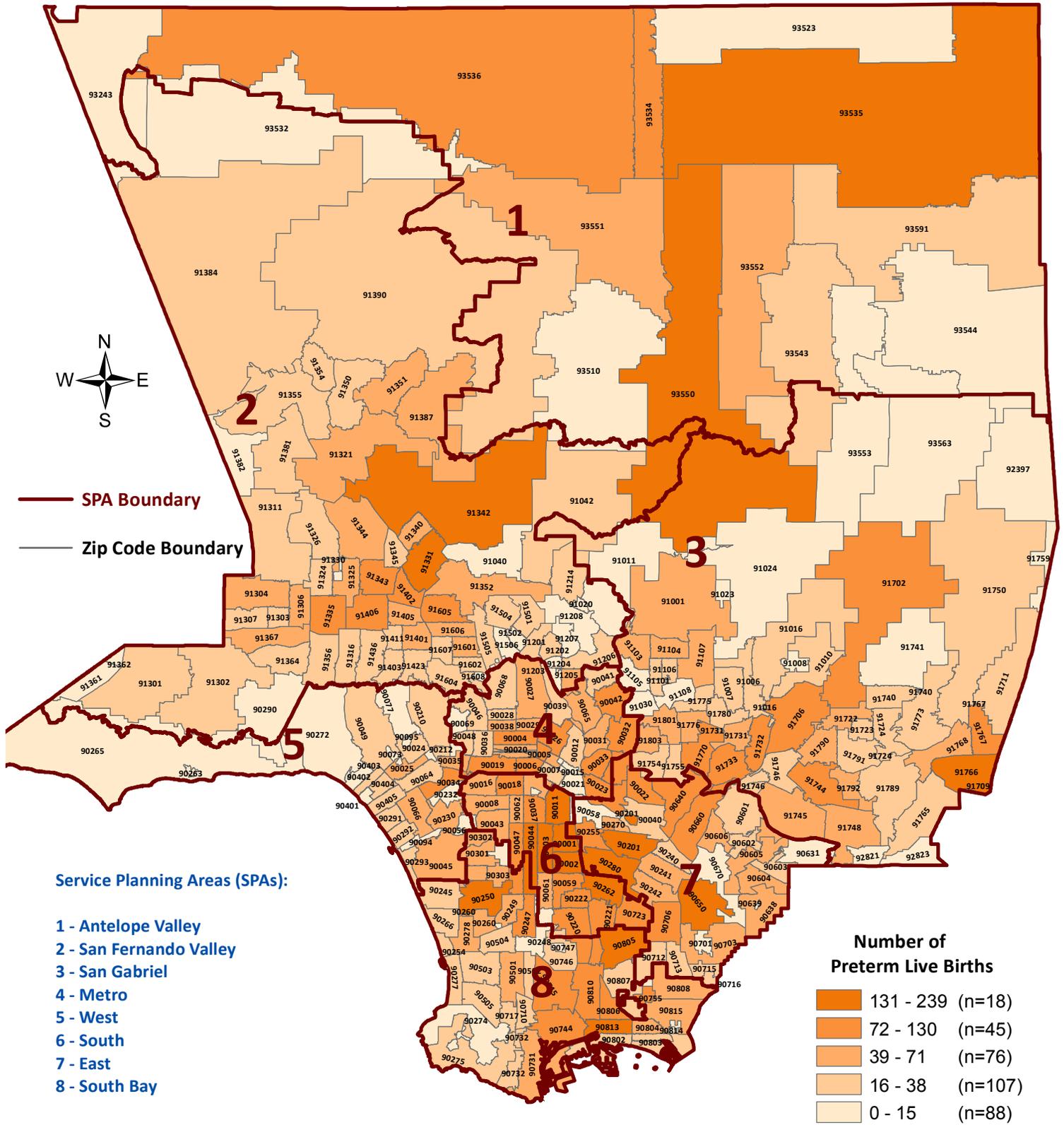
Year 2020 Objective: Reduce preterm live births to an incidence of no more than 11.4 percent of live births.

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, 2010.

**Los Angeles County - Department of Public Health
 Number of Preterm Live Births by Zip Code* and Service Planning Area (SPA)
 Los Angeles County, 2010**



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2010 = 133,160

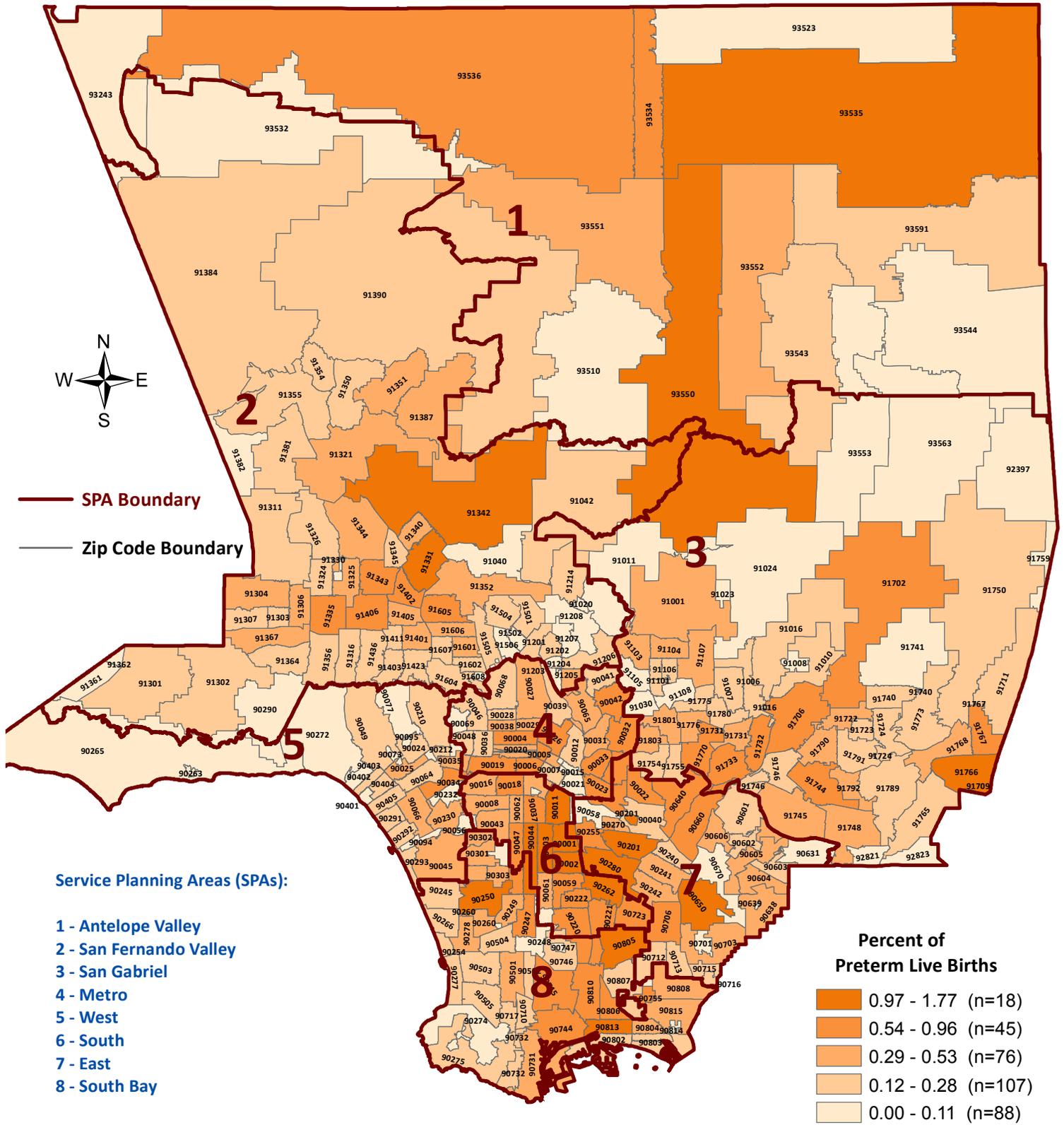
Total number of preterm live births in Los Angeles County, 2010 = 14,329

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, 2010 = 5

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Los Angeles County - Department of Public Health
Percent of Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2010**



*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, 2010 = 133,160

Total number of preterm live births in Los Angeles County, 2010 = 14,329

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, 2010 = 10.8

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, 2010 = 0.04

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

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
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
2010	N/A	N/A	N/A	N/A	2,037	1.5	1.5	1.6

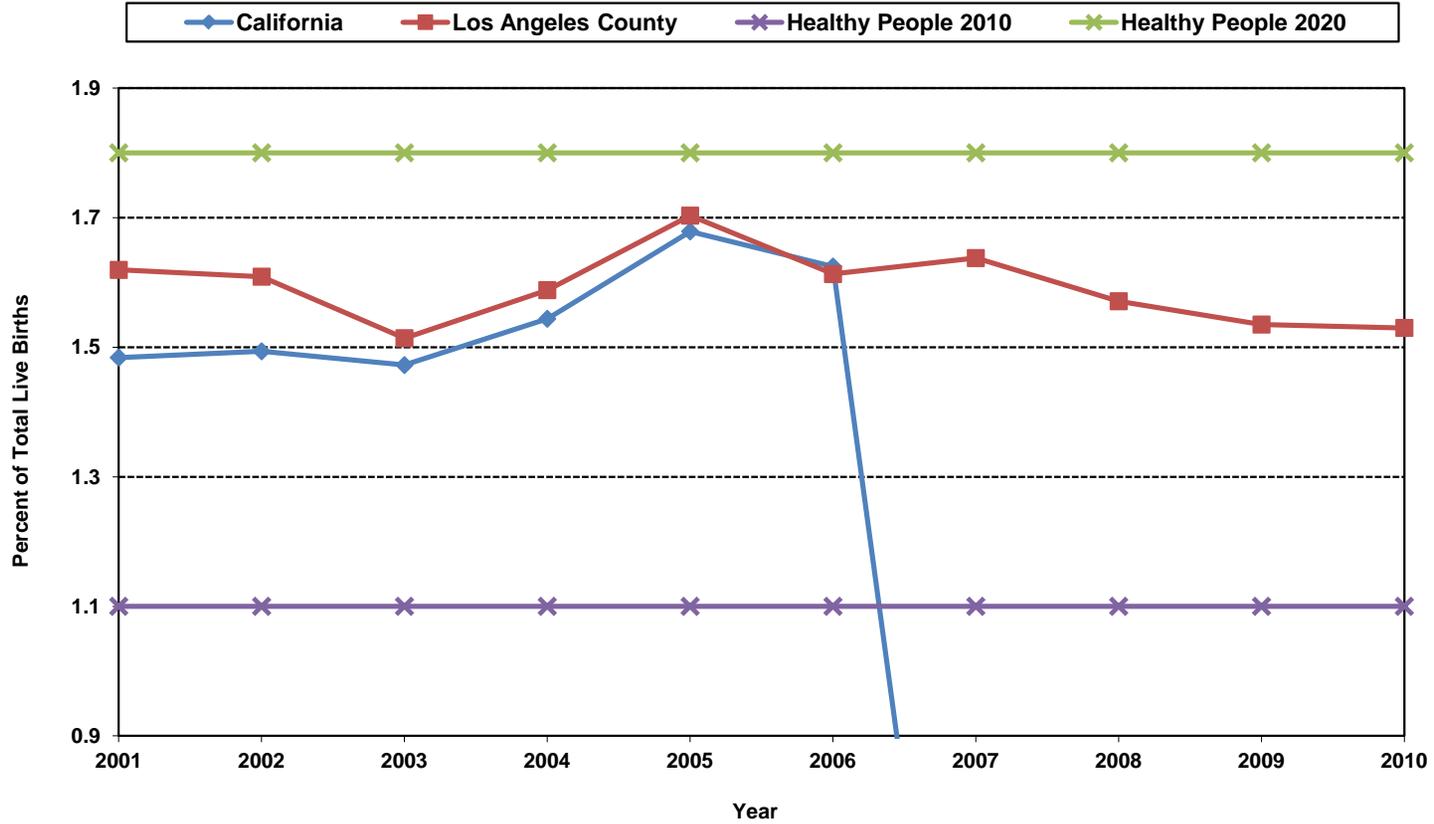
Denominator: Live Births		
Year	California	LA County
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2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
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2006	562,157	151,837
2007	566,137	151,813
2008	551,567	147,684
2009	526,774	139,679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

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

N/A: 2007-2010 data for California not available for retrieval

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2001-2010.

**Percent of Early Preterm Live Births
California vs. Los Angeles County, 2000-2010**



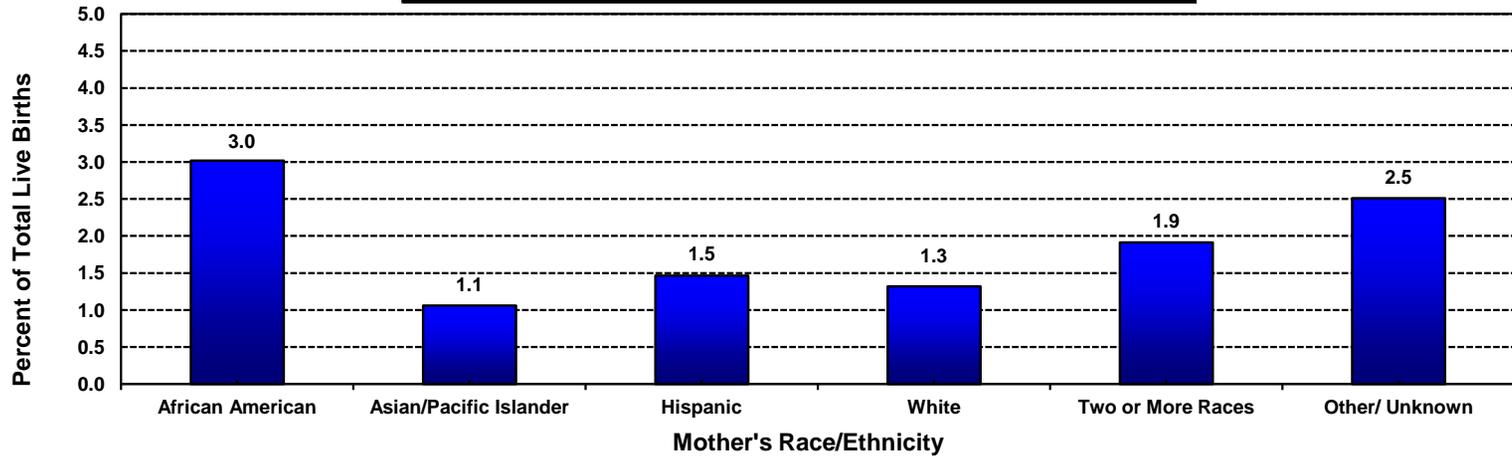
Year 2010 Objective: Reduce early preterm live births to an incidence of no more than 1.1 percent of live births.

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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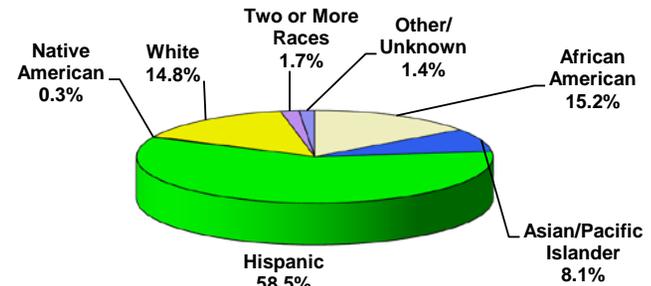
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Race/Ethnicity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	309	3.0	2.7	3.3
Asian/Pacific Islander	165	1.1	0.9	1.2
Hispanic	1,192	1.5	1.4	1.5
Native American	6	3.5	0.8	6.3
White	302	1.3	1.2	1.5
Two or More Races	34	1.9	1.3	2.6
Other/ Unknown	29	2.5	1.6	3.4
Total	2,037	1.5	1.5	1.6

Total Live Births
10,237
15,562
81,372
170
22,887
1,777
1,155
133,160

**Percent Distribution of Early Preterm Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2010**



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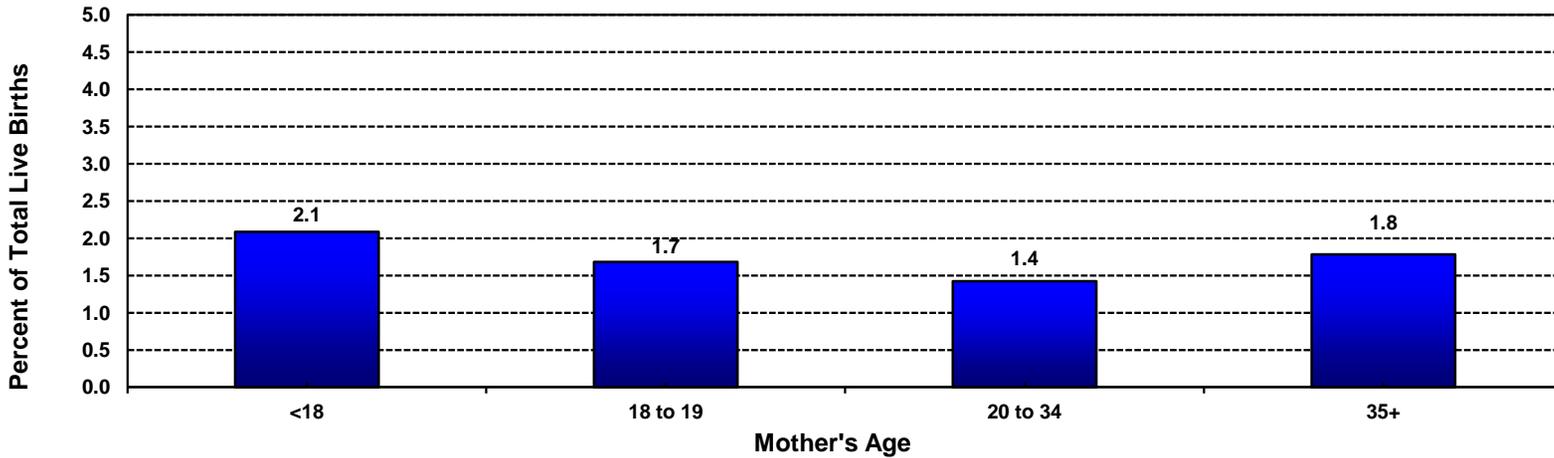
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African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category.

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

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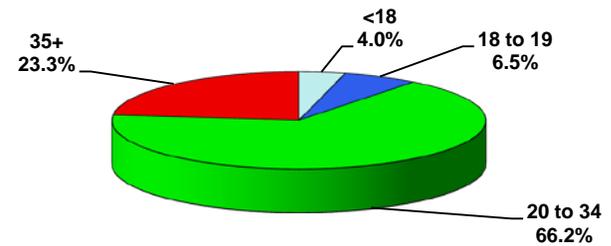
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Age	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	81	2.1	1.6	2.5
18 to 19	133	1.7	1.4	2.0
20 to 34	1,349	1.4	1.3	1.5
35+	474	1.8	1.6	1.9
Other/Unknown	<5	N/C	N/C	N/C
Total	2,037	1.5	1.5	1.6

Total Live Births
3,882
7,907
94,786
26,577
8
133,160

**Percent Distribution of Early Preterm Live Births
by Mother's Age
Los Angeles County, 2010**



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

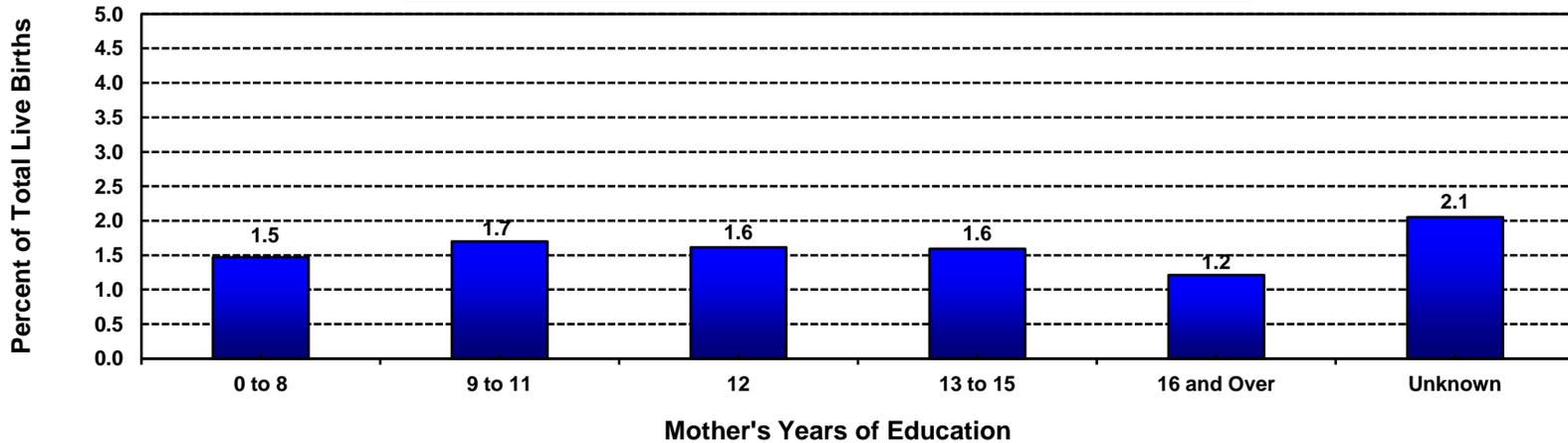
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Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

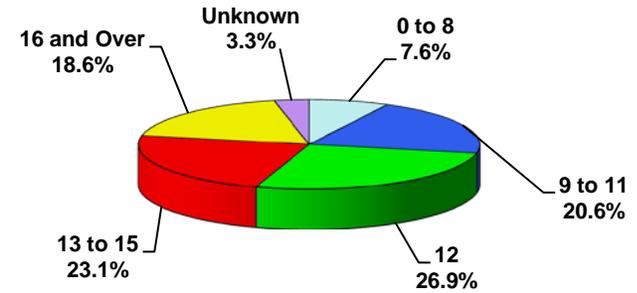
**Early Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Years of Education	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	154	1.5	1.2	1.7
9 to 11	420	1.7	1.5	1.9
12	547	1.6	1.5	1.7
13 to 15	471	1.6	1.4	1.7
16 and Over	378	1.2	1.1	1.3
Unknown	67	2.1	1.6	2.5
Total	2,037	1.5	1.5	1.6

Total Live Births
10,465
24,724
33,901
29,593
31,211
3,266
133,160

**Percent Distribution of Early Preterm Live Births
by Mother's Years of Education
Los Angeles County, 2010**



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

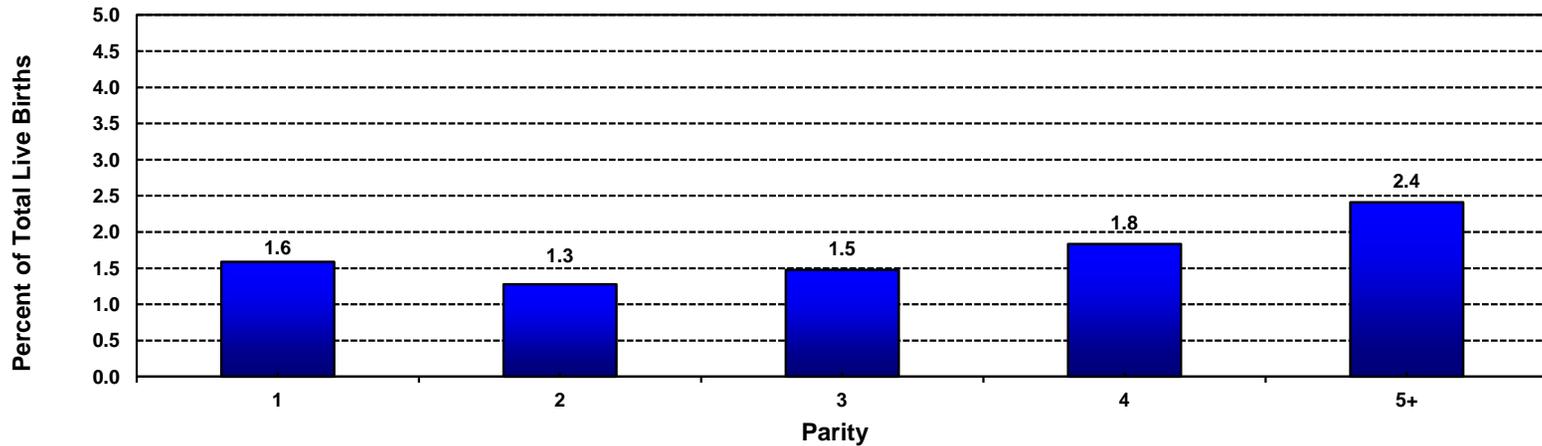
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Gestation is calculated from reported date of last menses.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

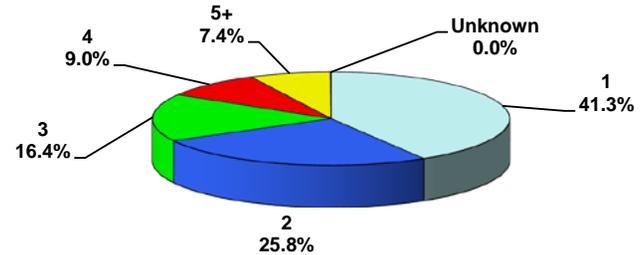
**Early Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2010**



Los Angeles County, 2010				
Parity	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	842	1.6	1.5	1.7
2	526	1.3	1.2	1.4
3	334	1.5	1.3	1.6
4	184	1.8	1.6	2.1
5+	150	2.4	2.0	2.8
Unknown	<5	N/C	N/C	N/C
Total	2,036	1.5	1.5	1.6

Total Live Births
53,037
41,179
22,607
10,033
6,221
83
133,160

**Percent Distribution of Early Preterm Live Births
by Parity**



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.

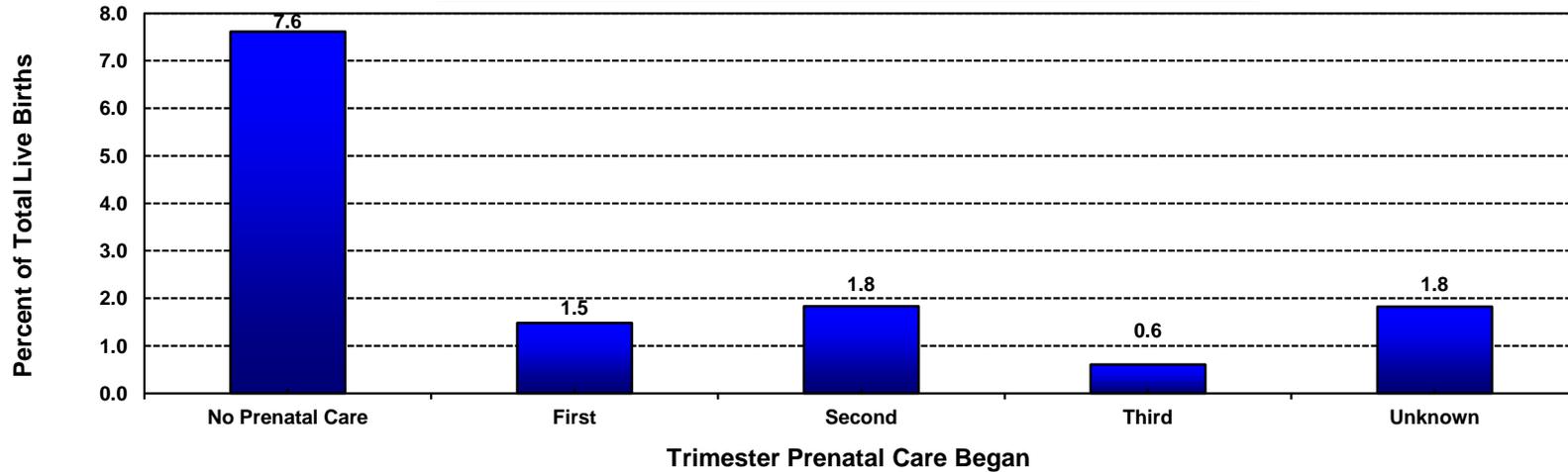
Note: Early preterm live births is defined as live births occurring at less than 32 weeks of gestation and greater than or equal to 17 weeks. Gestation is calculated from reported date of last menses.

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, 2010.

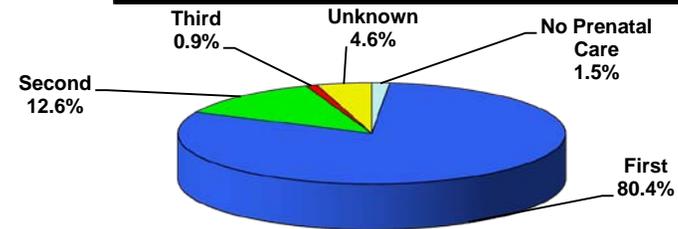
**Early Preterm Live Births, as Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Trimester Prenatal Care Began	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	30	7.6	5.0	10.2
First	1,638	1.5	1.4	1.6
Second	257	1.8	1.6	2.1
Third	19	0.6	0.3	0.9
Unknown	93	1.8	1.5	2.2
Total	2,037	1.5	1.5	1.6

Total Live Births
394
110,516
14,022
3,132
5,096
133,160

**Percent Distribution of Early Preterm Live Births by Mother's Trimester Prenatal Care Began
Los Angeles County, 2010**



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

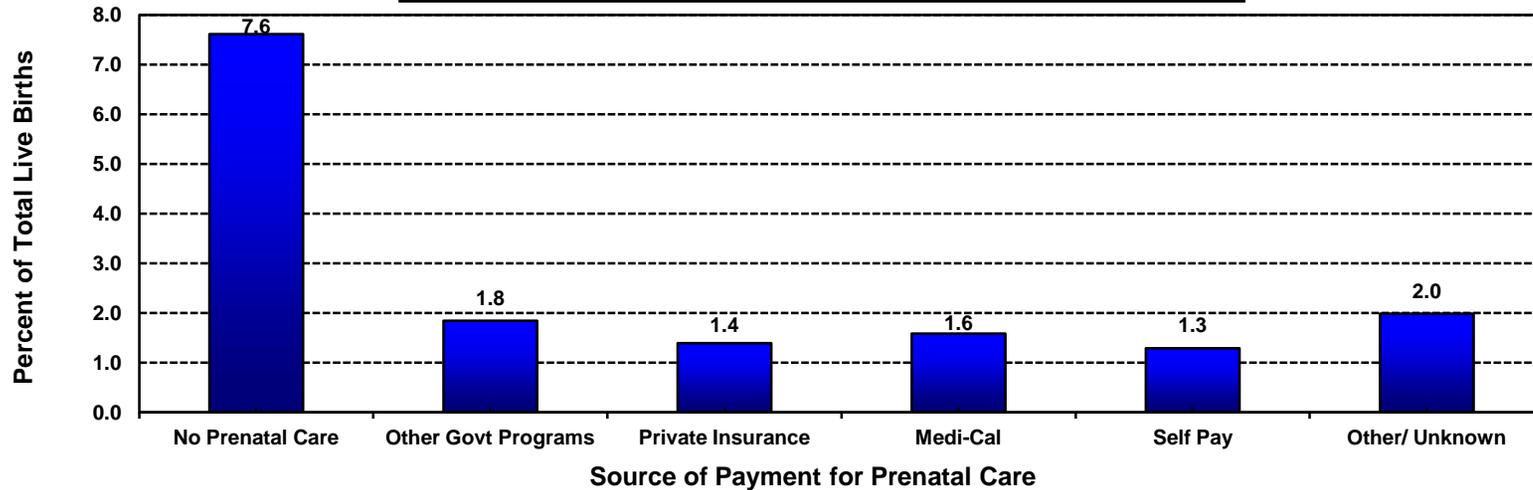
Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

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.

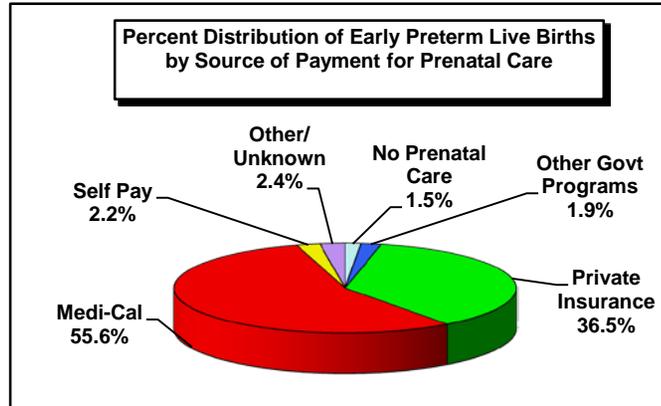
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Early Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2010**



Los Angeles County, 2010				
Source of Payment for Prenatal Care	Early Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	30	7.6	5.0	10.2
Other Govt Programs	39	1.8	1.3	2.4
Private Insurance	743	1.4	1.3	1.5
Medi-Cal	1,132	1.6	1.5	1.7
Self Pay	45	1.3	0.9	1.7
Other/ Unknown	48	2.0	1.4	2.5
Total	2,037	1.5	1.5	1.6

Total Live Births
394
2,115
53,349
71,397
3,489
2,416
133,160



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

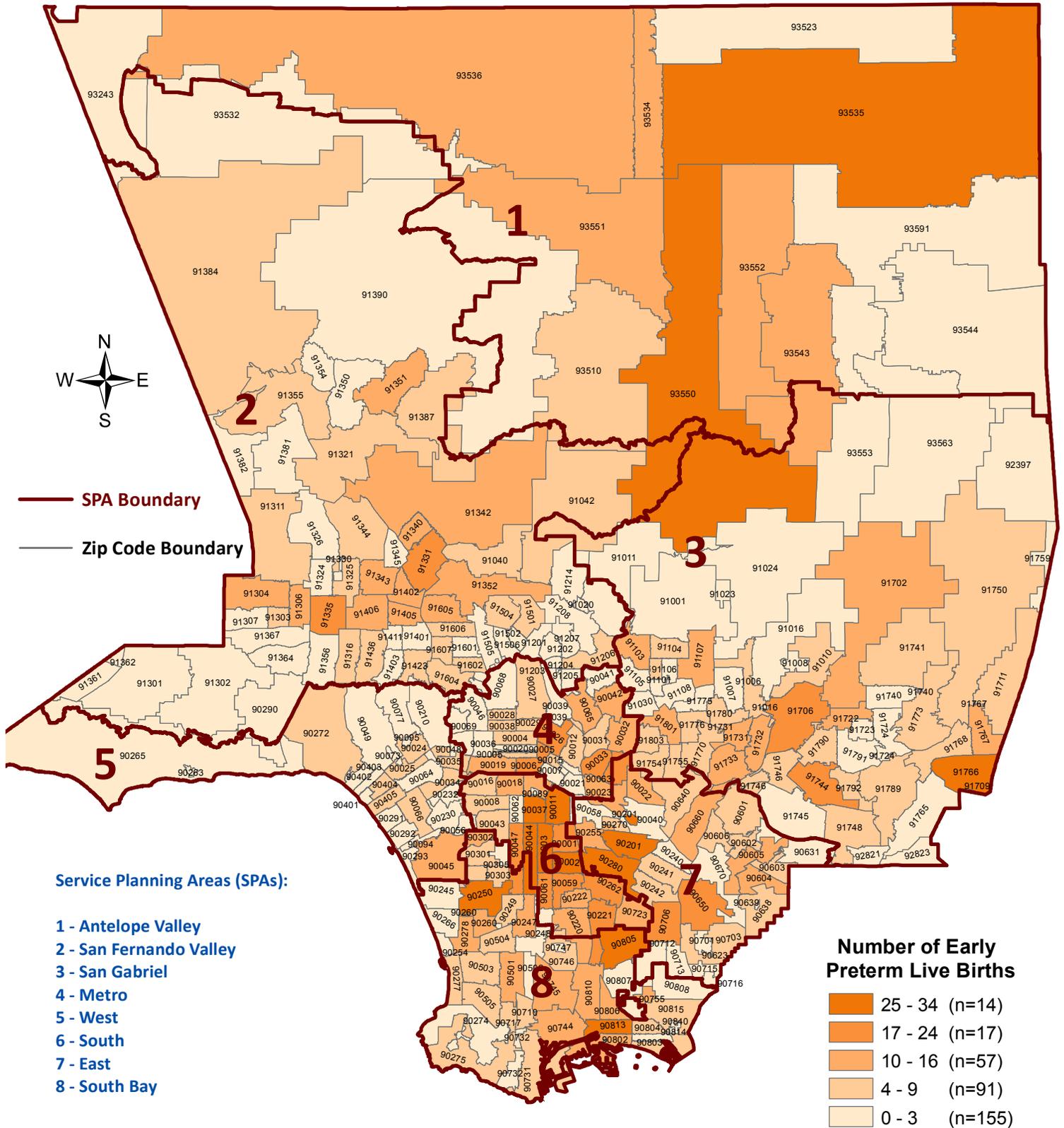
Year 2020 Objective: Reduce early preterm live births to an incidence of no more than 1.8 percent of live births.

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, 2010.

Los Angeles County - Department of Public Health
Number of Early Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2010



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2010 = 133,160

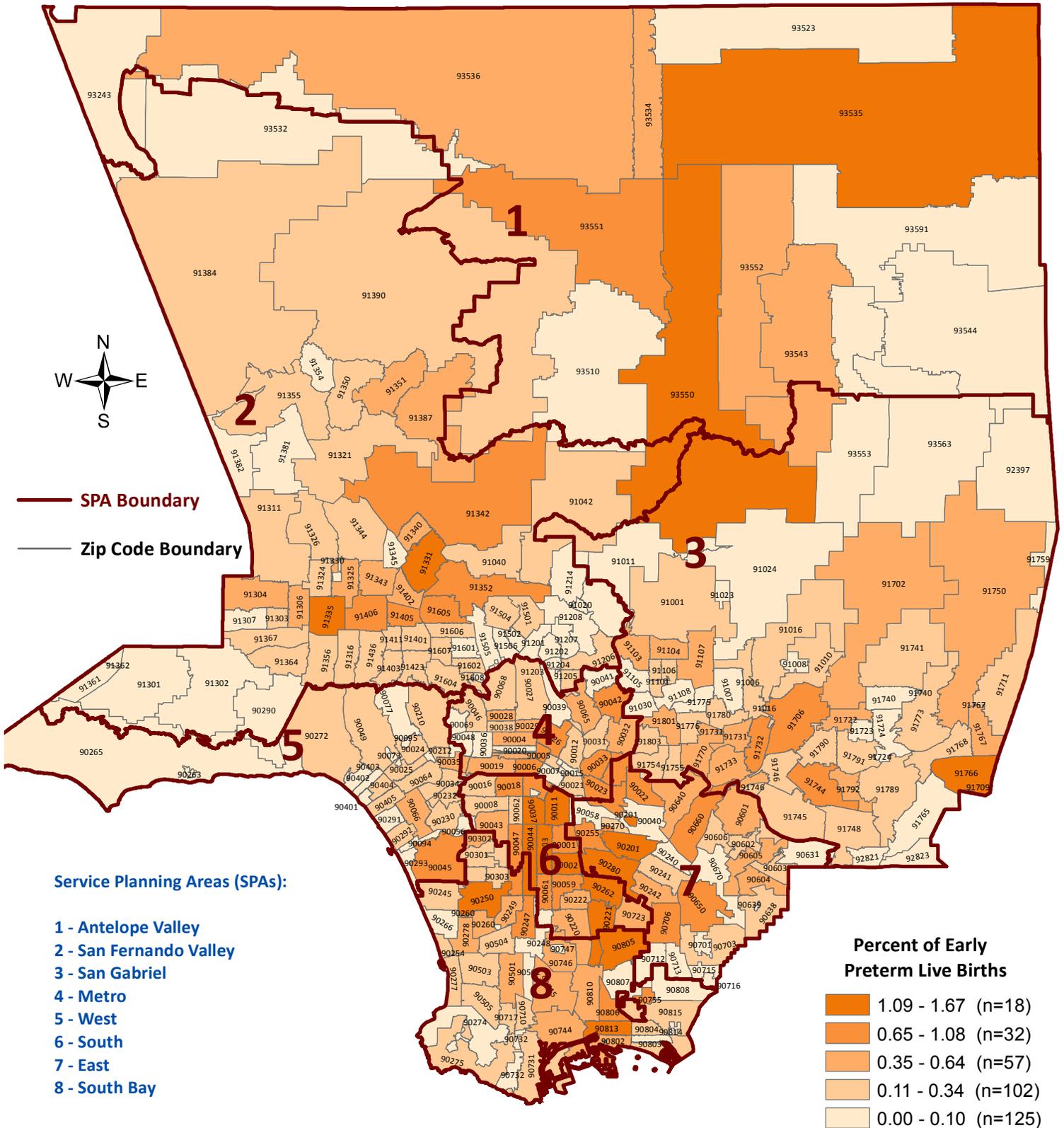
Total number of early preterm live births in Los Angeles County, 2010= 2,176

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, 2010 = 0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

Los Angeles County - Department of Public Health
Percent of Early Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2010



*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, 2010 = 133,160

Total number of early preterm live births in Los Angeles County, 2010 = 2,176

Percent of early preterm live births per 100 live births in Los Angeles County, 2010 = 1.6

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, 2010 = 0.00

Source: California Department of Public Health, Center for Health Statistics, OHR Vital Statistics Section, 2010.

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
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
2010	N/A	N/A	N/A	N/A	11,456	8.6	8.5	8.8

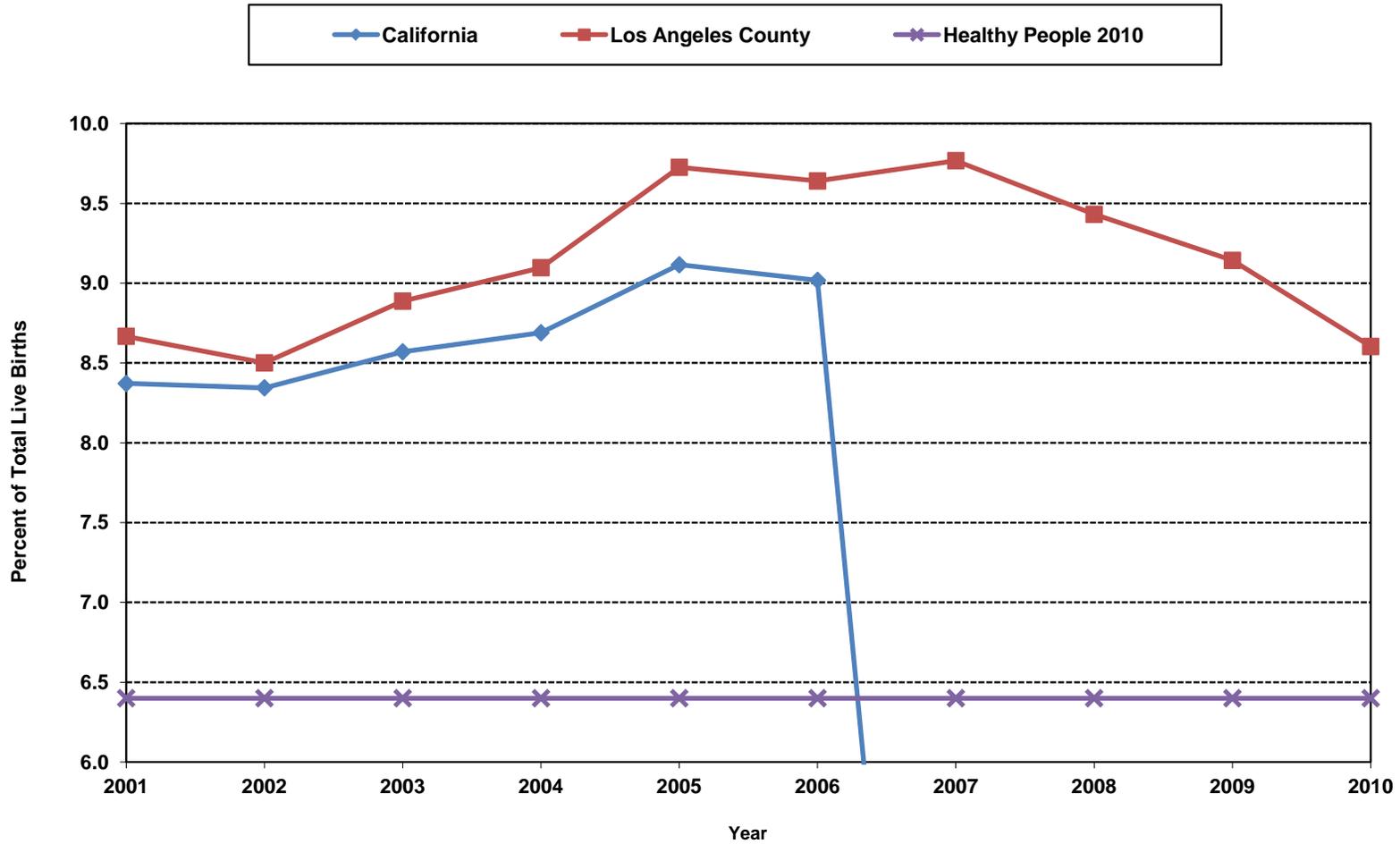
Denominator: Live Births		
Year	California	LA County
2001	527,371	153,523
2002	529,245	151,167
2003	540,827	152,192
2004	544,685	151,504
2005	548,700	150,377
2006	562,157	151,837
2007	566,137	151,813
2008	551,567	147,684
2009	526,774	139,679
2010	509,979	133,160

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2001-2010.

N/A: 2007-2010 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, 2000-2010



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

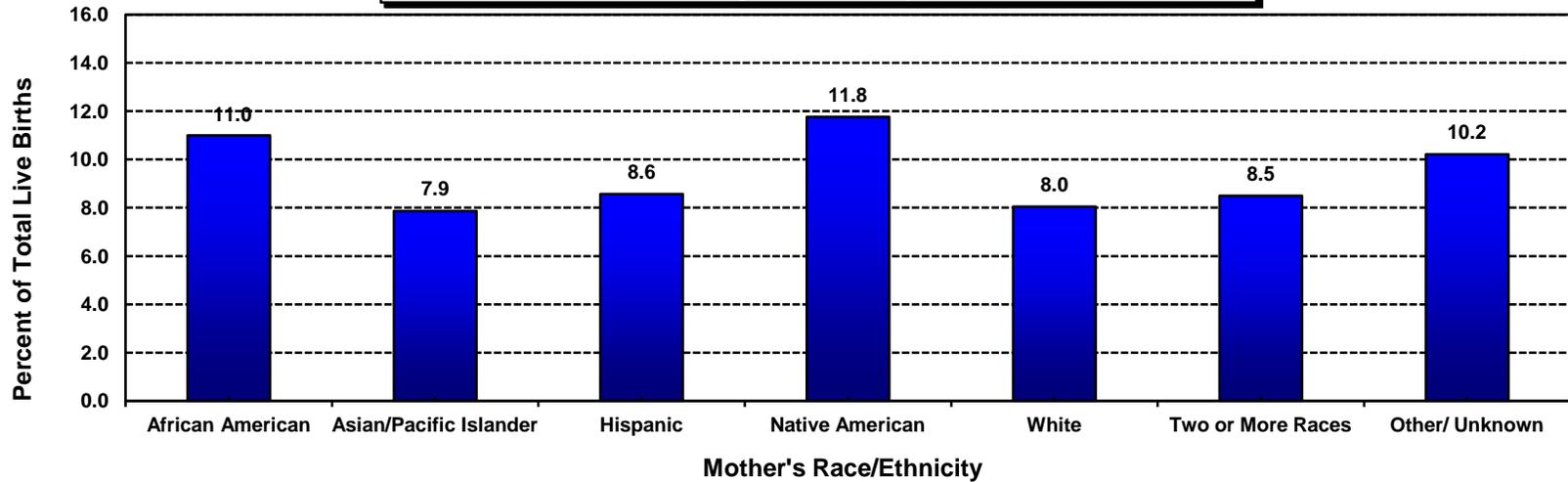
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Gestation is calculated from reported date of last menses.

N/A: 2007-2010 data for California were not available for retrieval

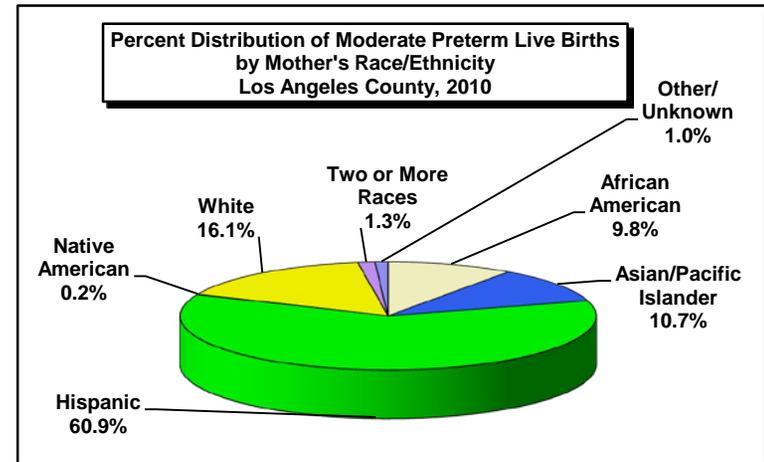
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2001-2010.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Race/Ethnicity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,126	11.0	10.4	11.6
Asian/Pacific Islander	1,225	7.9	7.4	8.3
Hispanic	6,974	8.6	8.4	8.8
Native American	20	11.8	6.9	16.6
White	1,842	8.0	7.7	8.4
Two or More Races	151	8.5	7.2	9.8
Other/Unknown	118	10.2	8.5	12.0
Total	11,456	8.6	8.5	8.8

Total Live Births
10,237
15,562
81,372
170
22,887
1,777
1,155
133,160



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.

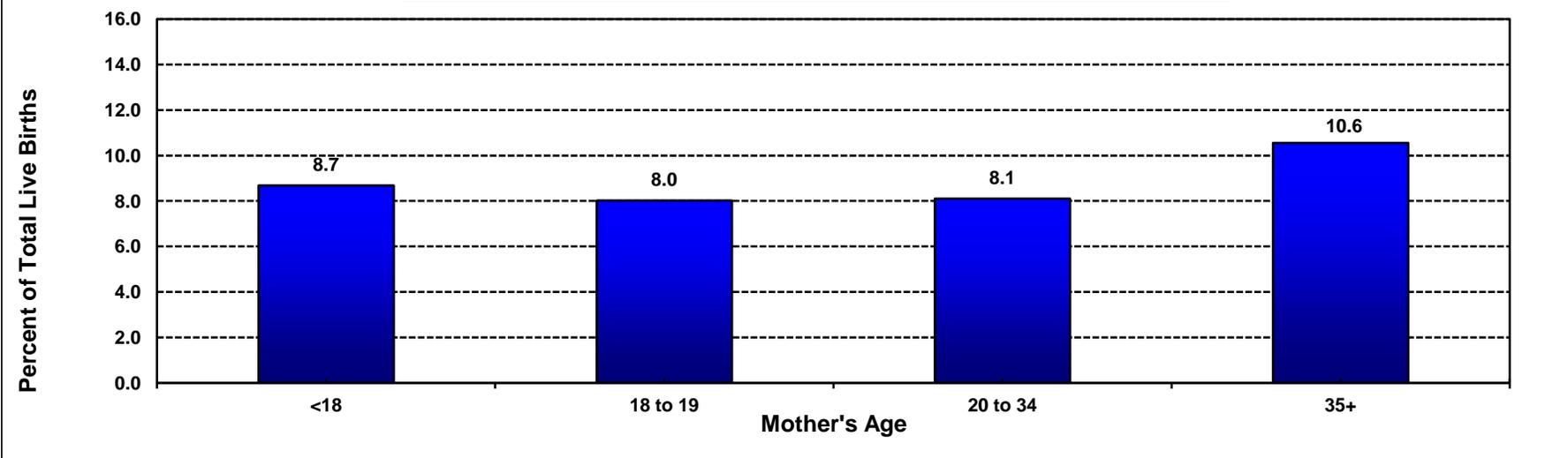
Gestation is calculated from reported date of last menses.

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.

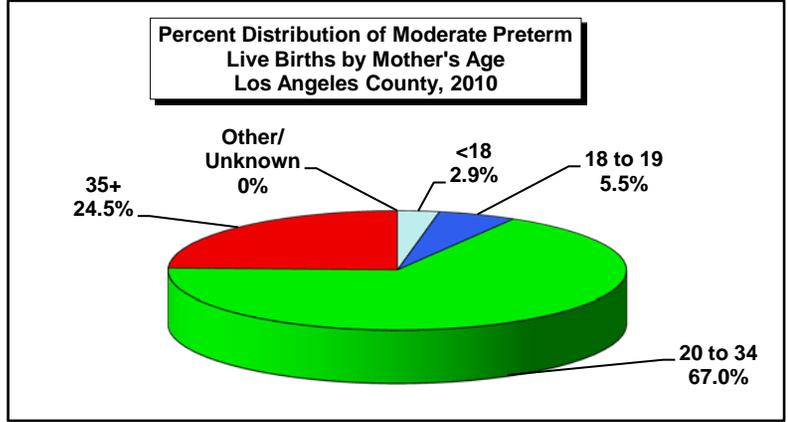
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Age	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	337	8.7	7.8	9.6
18 to 19	634	8.0	7.4	8.6
20 to 34	7,678	8.1	7.9	8.3
35+	2,805	10.6	10.2	10.9
Other/Unknown	<5	N/C	N/C	N/C
Total	11,456	8.6	8.5	8.8

Total Live Births
3,882
7,907
94,786
26,577
8
133,160



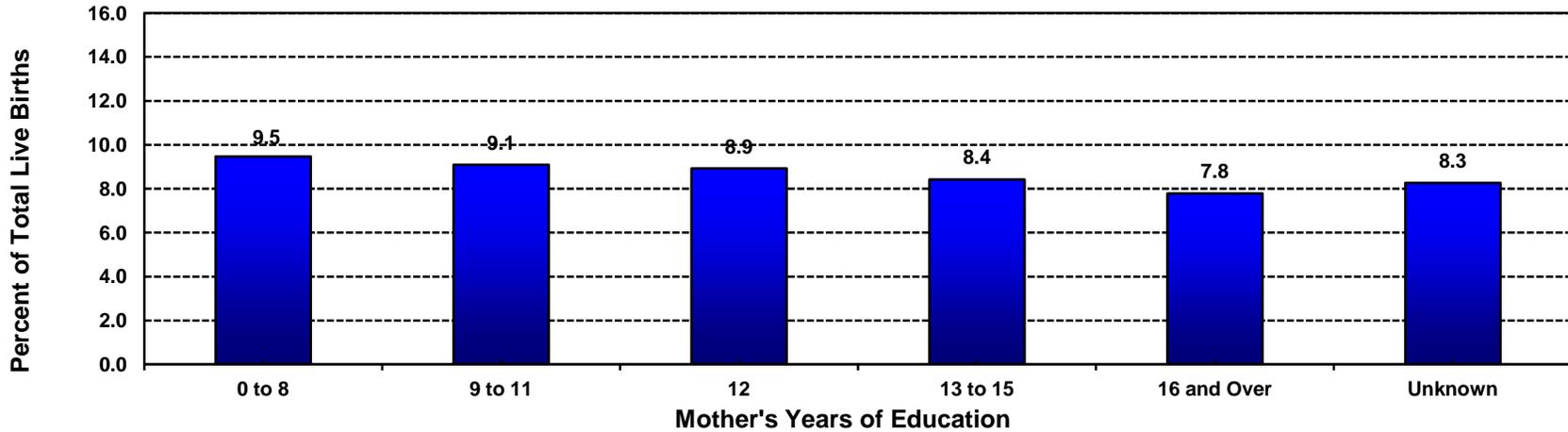
Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

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.

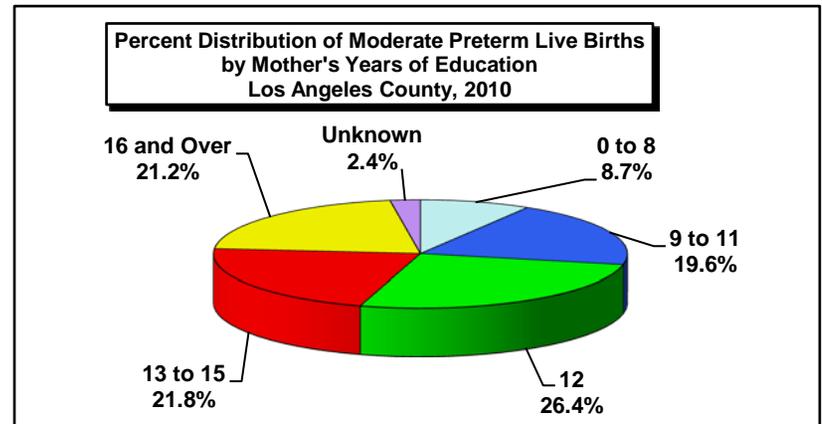
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Years of Education	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	991	9.5	8.9	10.0
9 to 11	2,248	9.1	8.7	9.5
12	3,026	8.9	8.6	9.2
13 to 15	2,492	8.4	8.1	8.7
16 and Over	2,429	7.8	7.5	8.1
Unknown	270	8.3	7.3	9.2
Total	11,456	8.6	8.5	8.8

Total Live Births
10,465
24,724
33,901
29,593
31,211
3,266
133,160

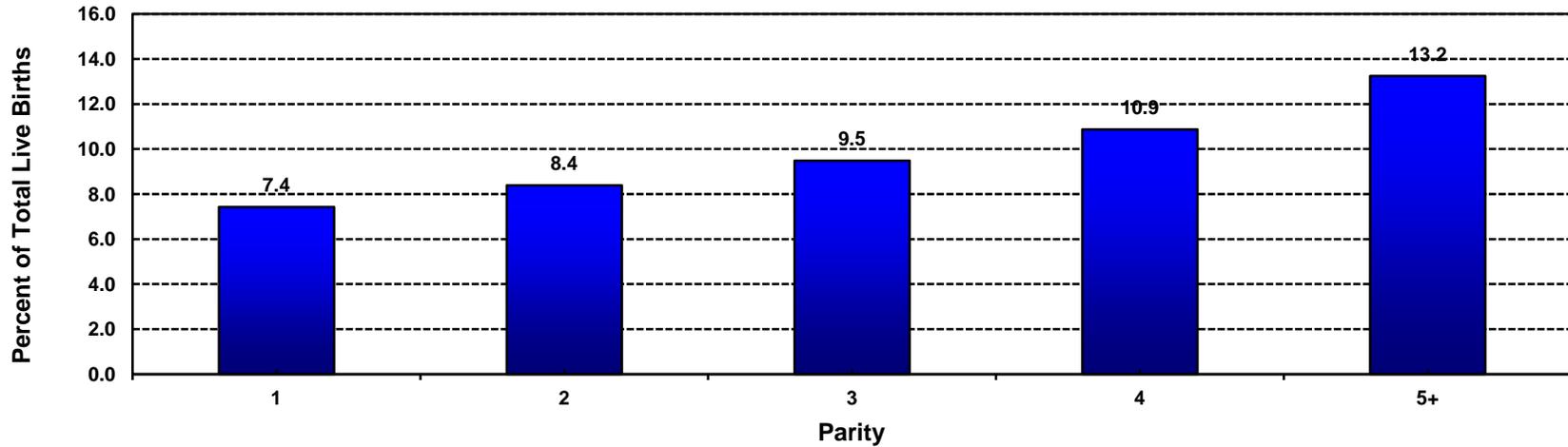


Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

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.

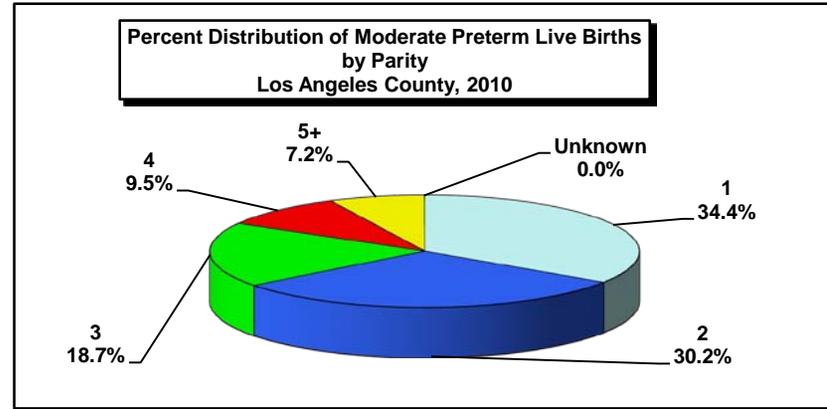
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2010**



Los Angeles County, 2010				
Parity	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	3,940	7.4	7.2	7.7
2	3,454	8.4	8.1	8.7
3	2,144	9.5	9.1	9.9
4	1,091	10.9	10.3	11.5
5+	824	13.2	12.4	14.1
Unknown	3	N/C	N/C	N/C
Total	11,456	8.6	8.5	8.8

Total Live Births
53,037
41,179
22,607
10,033
6,221
83
133,160



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

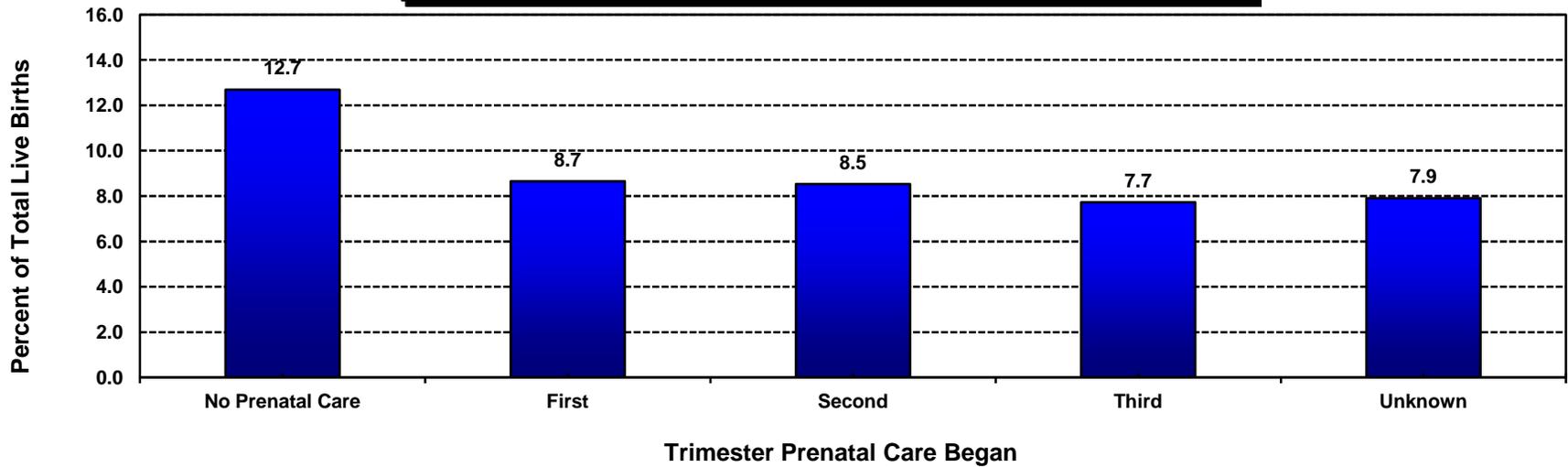
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

Gestation is calculated from reported date of last menses.

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

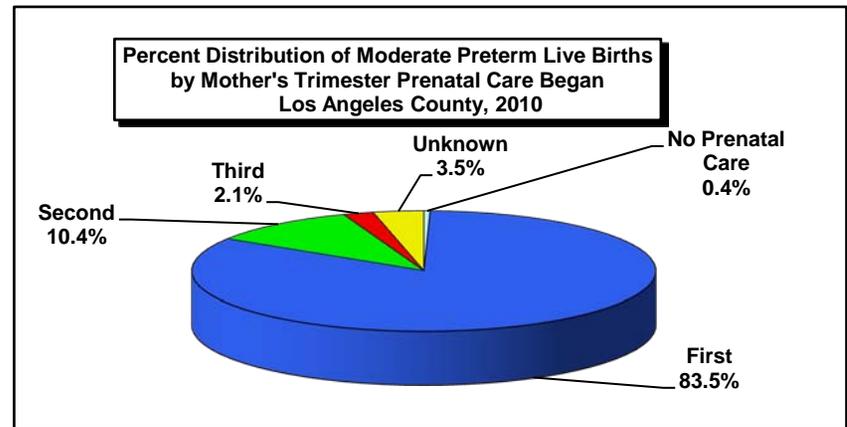
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2010**



Los Angeles County, 2010				
Mother's Trimester Prenatal Care Began	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	50	12.7	9.4	16.0
First	9,565	8.7	8.5	8.8
Second	1,196	8.5	8.1	9.0
Third	242	7.7	6.8	8.7
Unknown	403	7.9	7.2	8.6
Total	11,456	8.6	8.5	8.8

Total Live Births
394
110,516
14,022
3,132
5,096
133,160



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

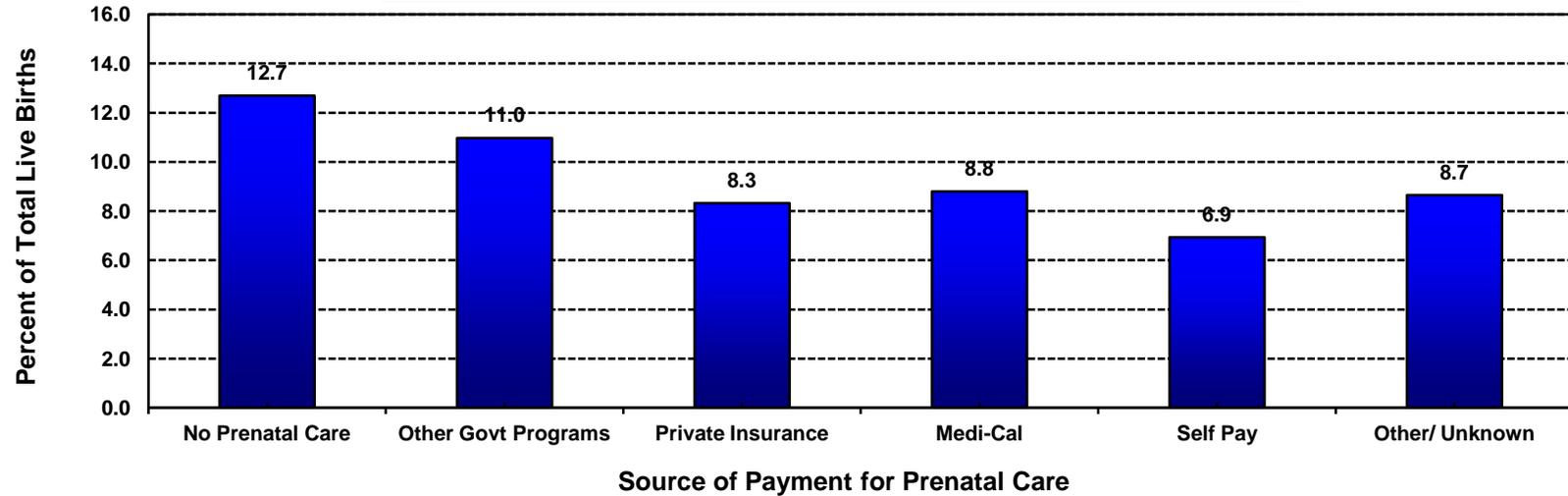
Note: Moderate preterm live births is defined as live births occurring at 32 weeks through 36 weeks of gestation.

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.

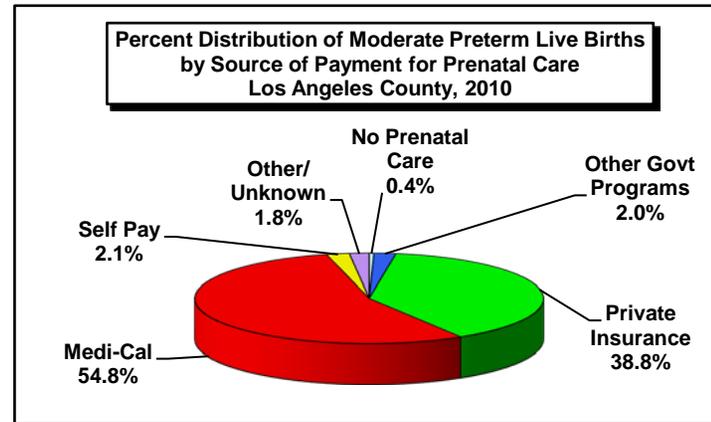
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

**Moderate Preterm Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2010**



Los Angeles County, 2010				
Source of Payment for Prenatal Care	Moderate Preterm Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	50	12.7	9.4	16.0
Other Govt Programs	232	11.0	9.6	12.3
Private Insurance	4,441	8.3	8.1	8.6
Medi-Cal	6,282	8.8	8.6	9.0
Self Pay	242	6.9	6.1	7.8
Other/ Unknown	209	8.7	7.5	9.8
Total	11,456	8.6	8.5	8.8

Total Live Births
394
2,115
53,349
71,397
3,489
2,416
133,160



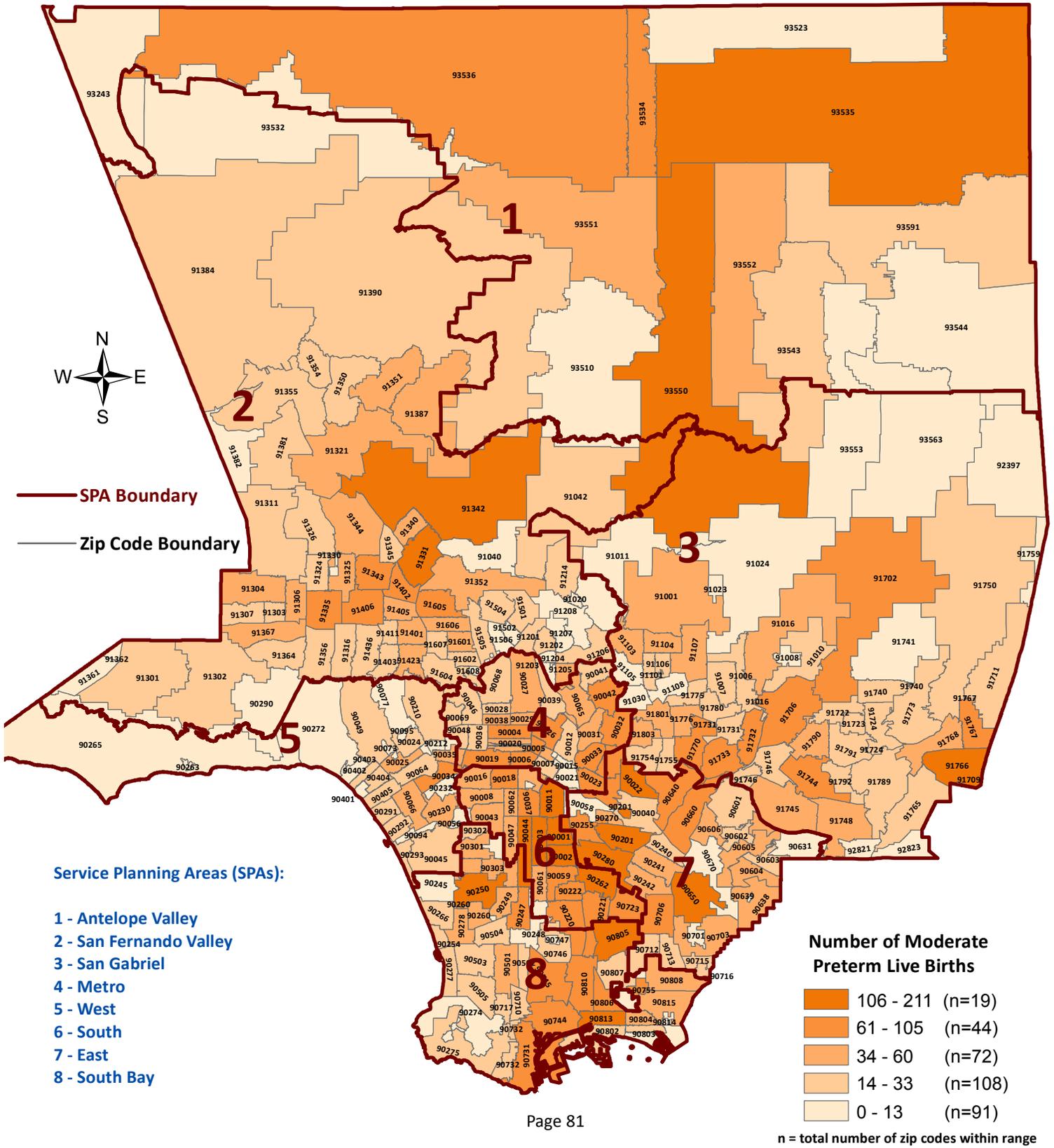
Year 2010 Objective: Reduce moderate preterm births to an incidence of no more than 6.4 percent of live births.

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.

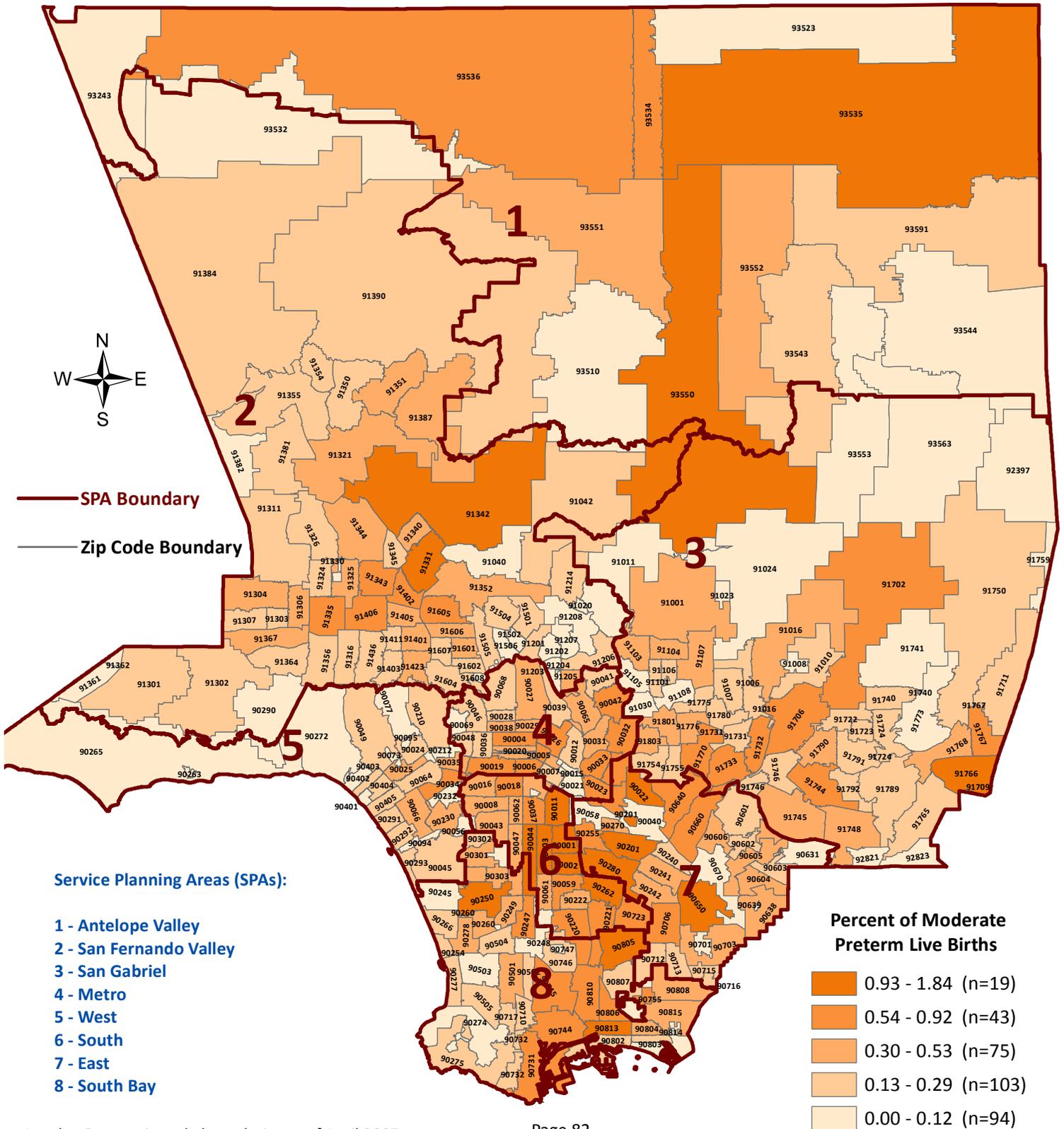
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

Los Angeles County - Department of Public Health
Number of Moderate Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2010



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2010 = 133,160
 Total number of moderate preterm live births in Los Angeles County, 2010 = 12,165
 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, 2010 = 5
 Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

Los Angeles County - Department of Public Health
Percent of Moderate Preterm Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2010



*Los Angeles County zip code boundaries as of April 2007

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Total number of live births in Los Angeles County, 2010 = 133,160

Total number of moderate preterm live births in Los Angeles County, 2010 = 12,165

Percent of moderate preterm live births per 100 live births in Los Angeles County, 2010 = 9.1

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, 2010 = 0.04

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.

n = total number of zip codes within range