

Low Birthweight

TITLE V INDICATOR TEMPLATE

INDICATOR: Percent of Low Birthweight

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

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

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

HEALTHY PEOPLE 2010 OBJECTIVE:

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

HEALTHY PEOPLE 2020 OBJECTIVE:

Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.
(Baseline: 8.2 percent in 2007) (Objective MICH-8.1)

RISK FACTORS:

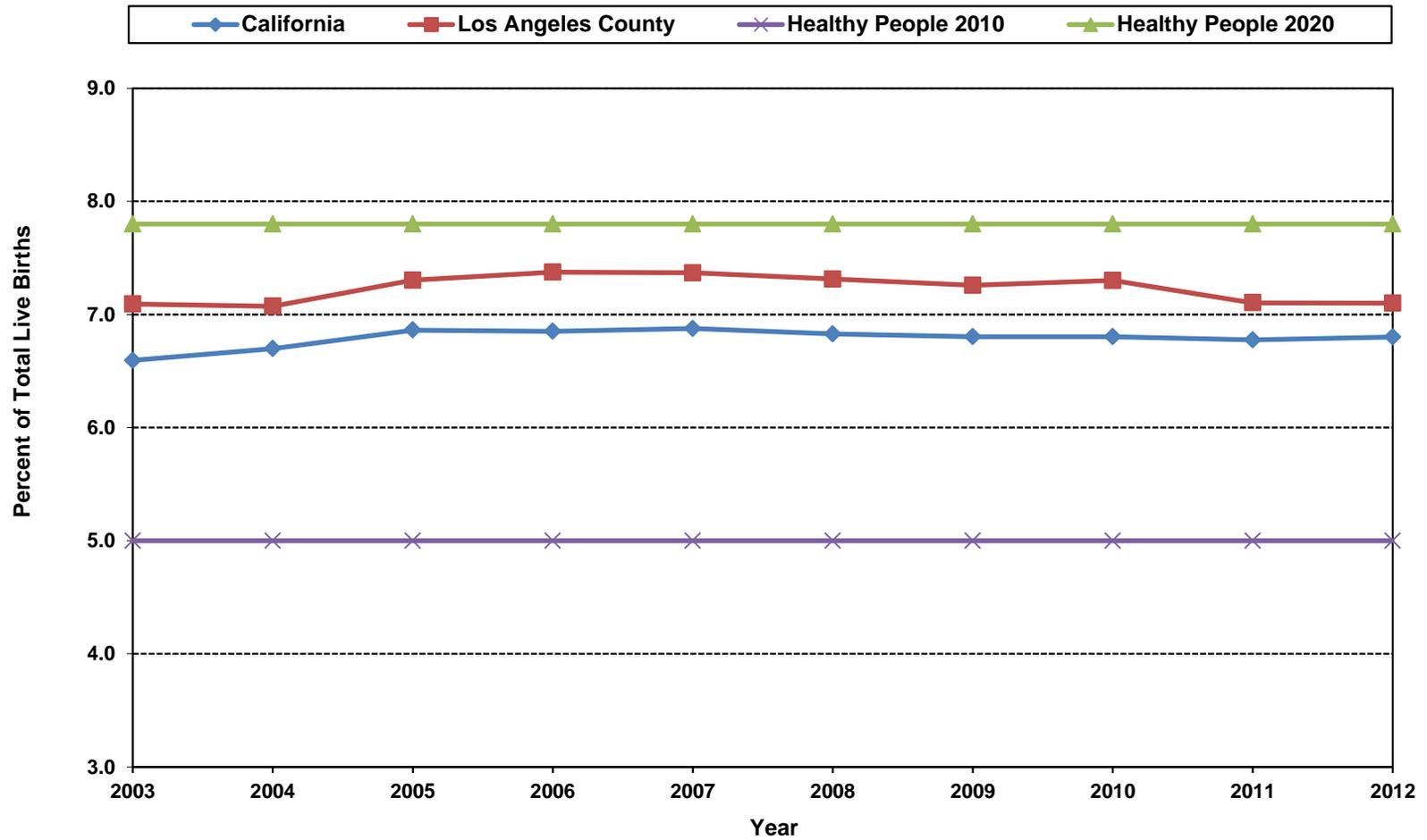
Young or old maternal age; low income; low maternal education level; race/ethnicity (African American, Puerto Rican, Southeast Asian); high parity; short interpregnancy level; multiple gestation; unintended pregnancy; history of low birthweight; poor reproductive history; intrauterine growth retardation;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

Year	California				Los Angeles County			
	Low Birthweight		95% Confidence Interval		Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2003	35,659	6.6	6.5	6.7	10,794	7.1	7.0	7.2
2004	36,481	6.7	6.6	6.8	10,717	7.1	6.9	7.2
2005	37,653	6.9	6.8	6.9	10,984	7.3	7.2	7.4
2006	38,517	6.9	6.8	6.9	11,196	7.4	7.2	7.5
2007	38,923	6.9	6.8	6.9	11,186	7.4	7.2	7.5
2008	37,663	6.8	6.8	6.9	10,800	7.3	7.2	7.4
2009	35,835	6.8	6.7	6.9	10,139	7.3	7.1	7.4
2010	34,692	6.8	6.7	6.9	9,721	7.3	7.2	7.4
2011	34,017	6.8	6.7	6.8	9,257	7.1	7.0	7.2
2012	33,723	6.7	6.6	6.8	9,151	6.9	6.8	7.1

Denominator: Live Births		
Year	California	LA County
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
2012	503,788	131,697

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2003-2012.

Percent of Low Birthweight California vs. Los Angeles County, 2003-2012

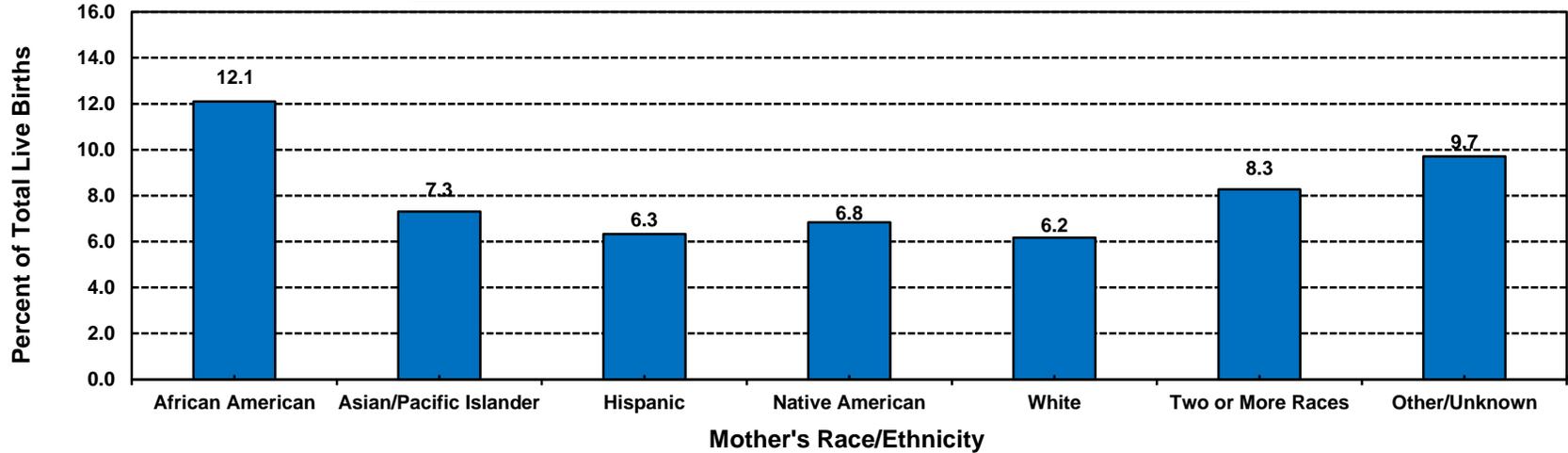


Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

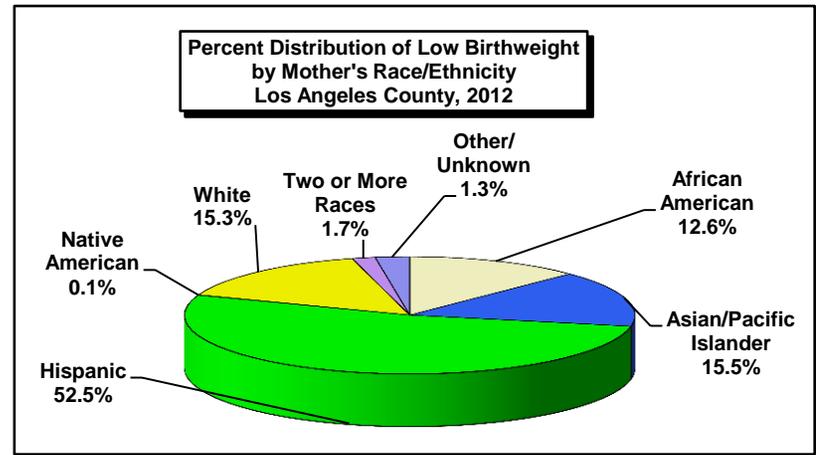
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2003-2012.

**Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Race/Ethnicity	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,151	12.1	11.4	12.8
Asian/Pacific Islander	1,416	7.3	6.9	7.7
Hispanic	4,802	6.3	6.2	6.5
Native American	8	6.8	2.3	11.4
White	1,397	6.2	5.9	6.5
Two or More Races	152	8.3	7.0	9.5
Other/Unknown	225	9.7	8.5	10.9
Total	9,151	6.9	6.8	7.1

Total Live Births
9,514
19,389
75,899
117
22,623
1,837
2,318
131,697



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

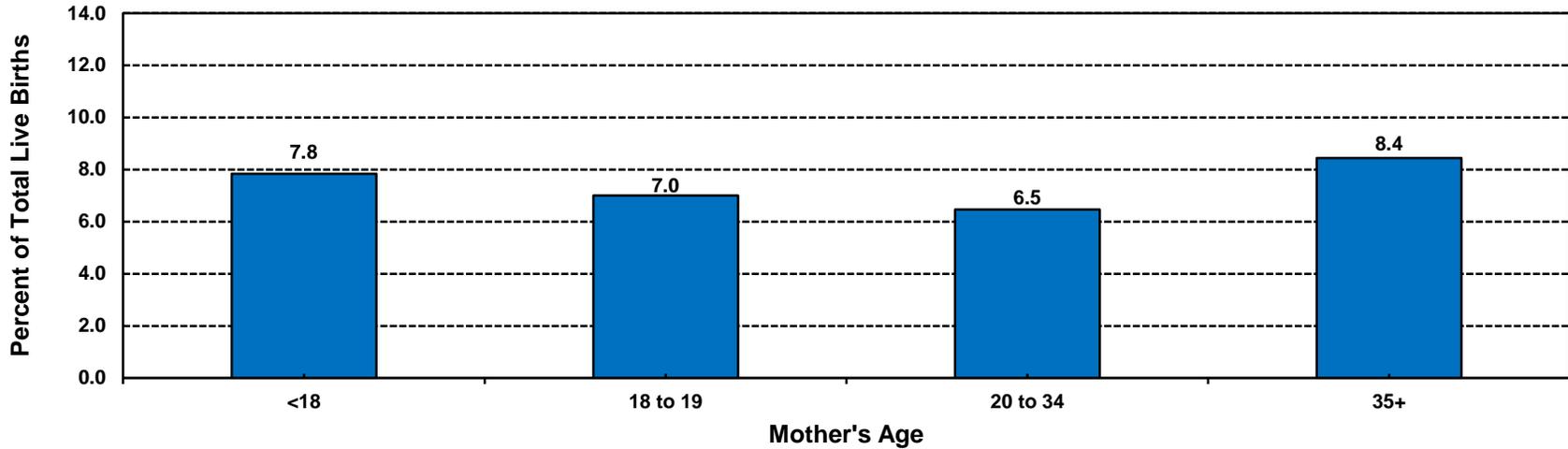
Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

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

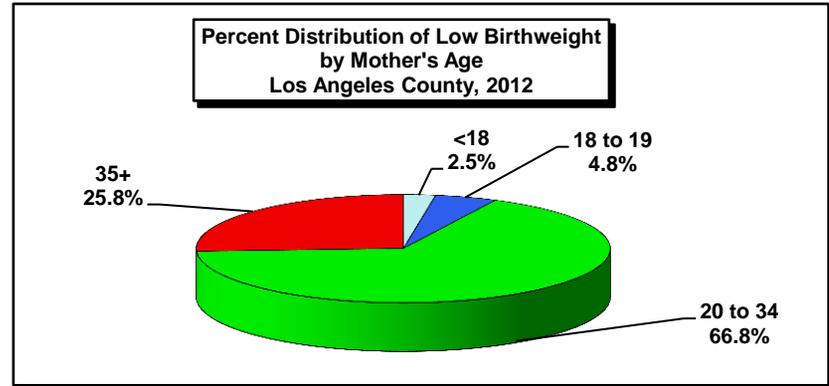
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Age	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	230	7.8	6.9	8.8
18 to 19	443	7.0	6.4	7.6
20 to 34	6,113	6.5	6.3	6.6
35+	2,365	8.4	8.1	8.8
Total	9,151	6.9	6.8	7.1

Total Live Births
2,933
6,320
94,434
27,995
131,697



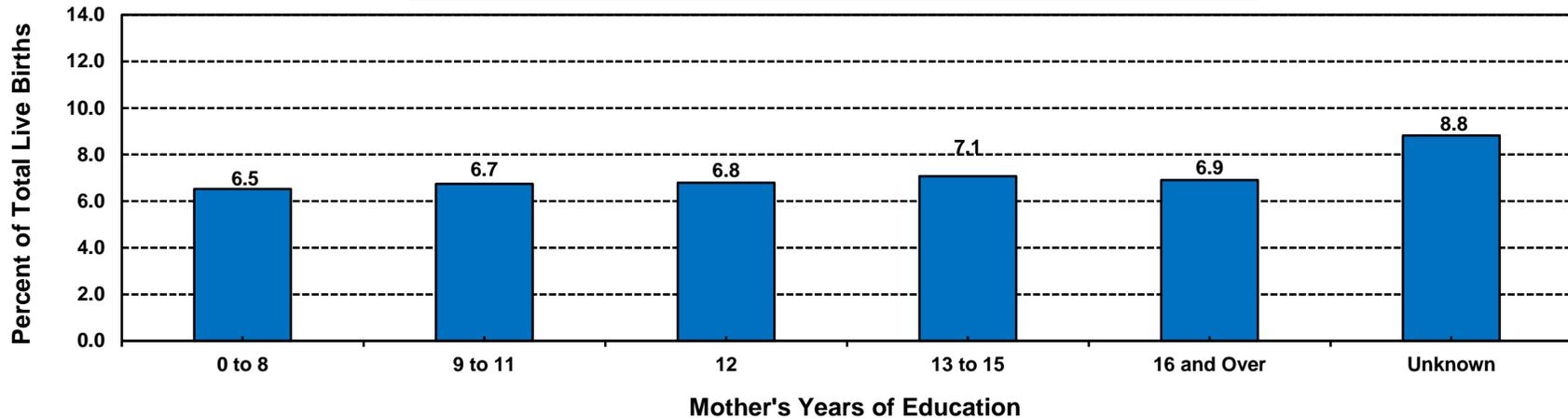
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

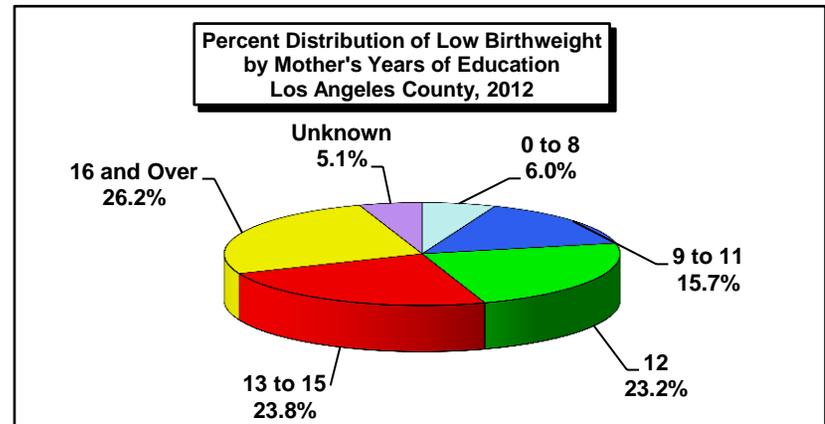
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Years of Education	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	550	6.5	6.0	7.1
9 to 11	1,436	6.7	6.4	7.1
12	2,122	6.8	6.5	7.1
13 to 15	2,178	7.1	6.8	7.4
16 and Over	2,394	6.9	6.6	7.2
Unknown	471	8.8	8.1	9.6
Total	9,151	6.9	6.8	7.1

Total Live Births
8,421
21,288
31,217
30,770
34,659
5,342
131,697



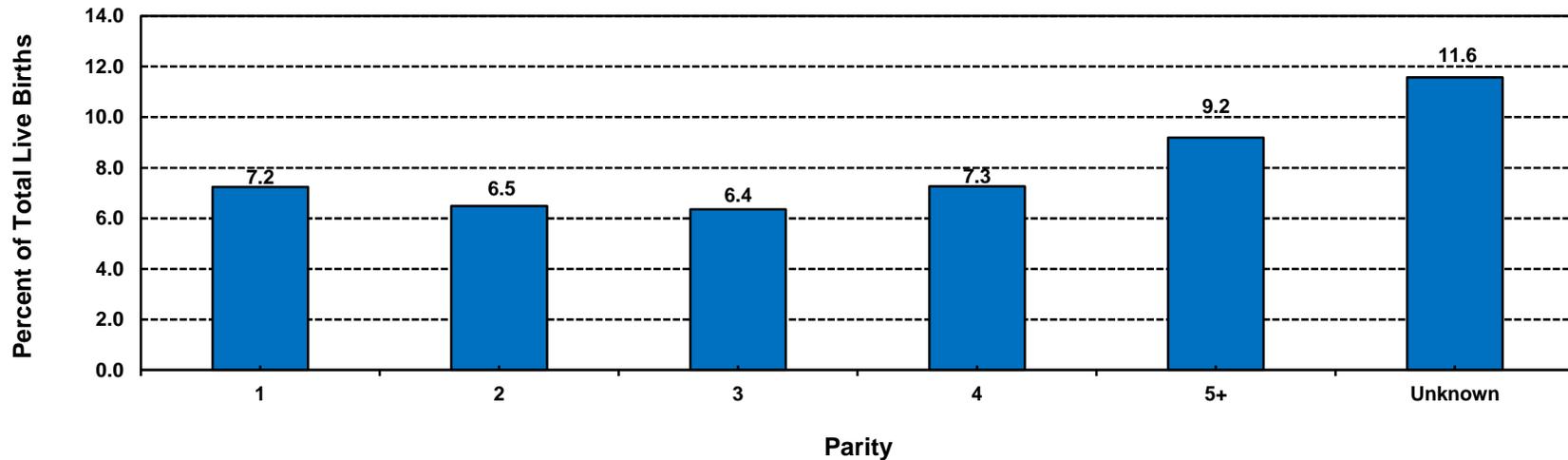
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

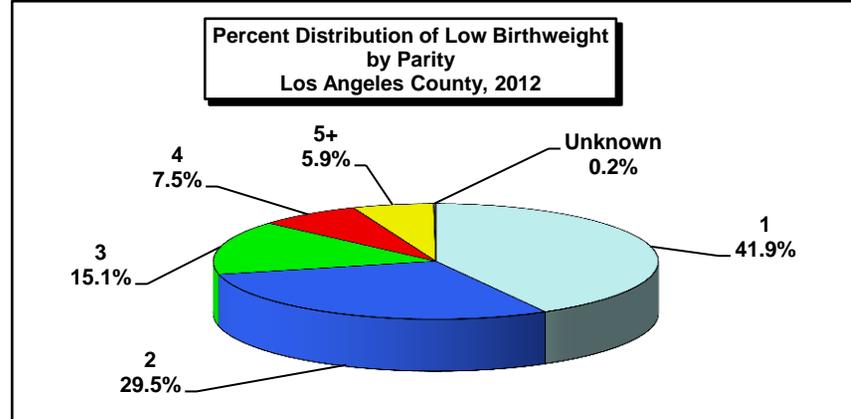
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Low Birthweight Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2012**



Los Angeles County, 2012				
Parity	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	3,830	7.2	7.0	7.5
2	2,699	6.5	6.3	6.7
3	1,383	6.4	6.0	6.7
4	685	7.3	6.7	7.8
5+	540	9.2	8.5	9.9
Unknown	14	11.6	5.9	17.3
Total	9,151	6.9	6.8	7.1

Total Live Births
52,895
41,597
21,772
9,436
5,876
121
131,697



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

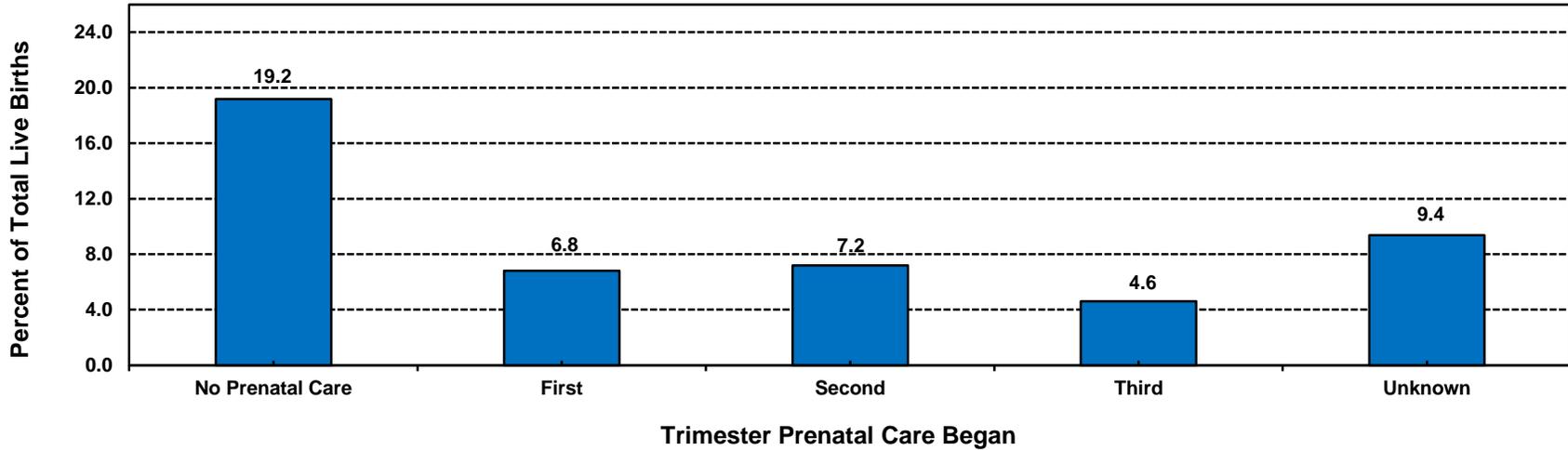
Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

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

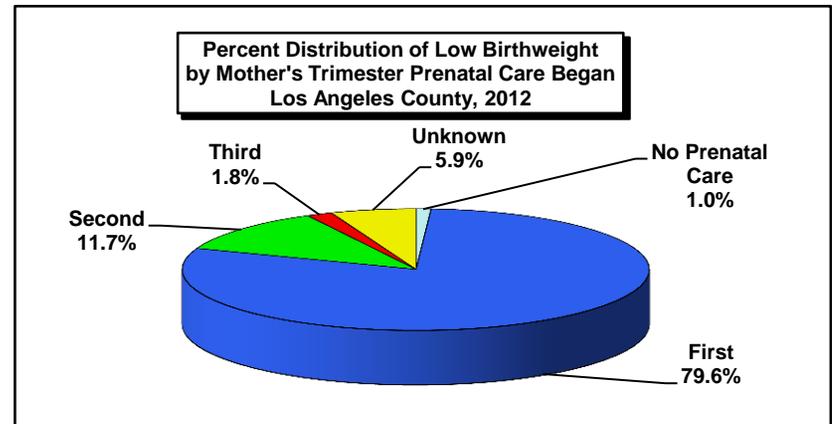
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Trimester Prenatal Care Began	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	94	19.2	15.7	22.7
First	7,283	6.8	6.7	7.0
Second	1,070	7.2	6.8	7.6
Third	162	4.6	3.9	5.3
Unknown	542	9.4	8.6	10.1
Total	9,151	6.9	6.8	7.1

Total Live Births
490
106,996
14,905
3,513
5,793
131,697



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

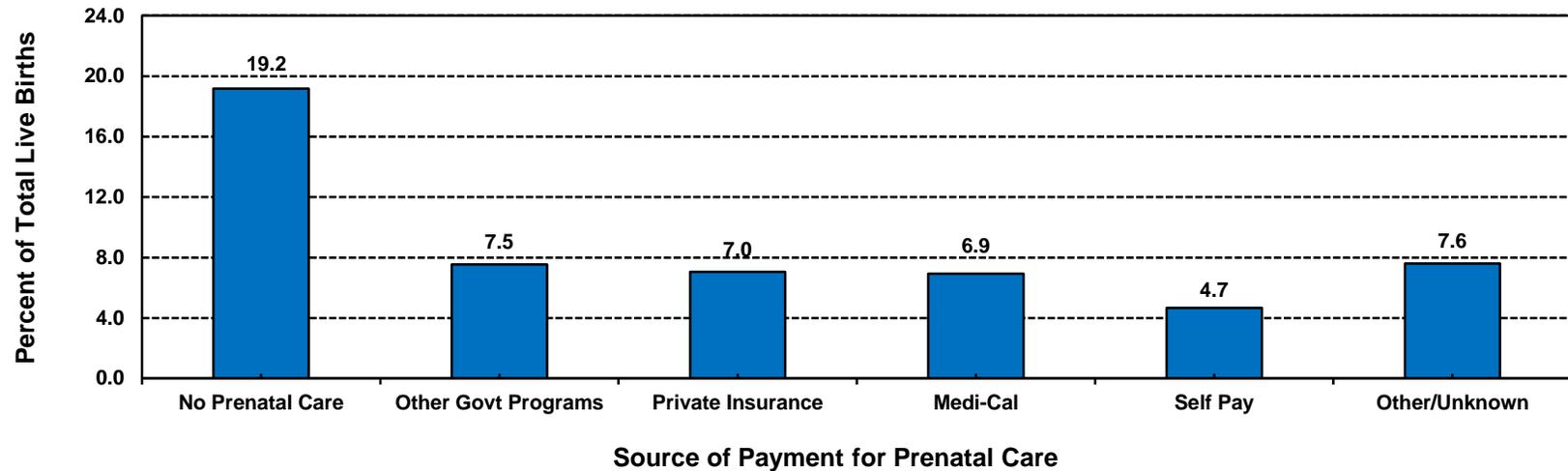
Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

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

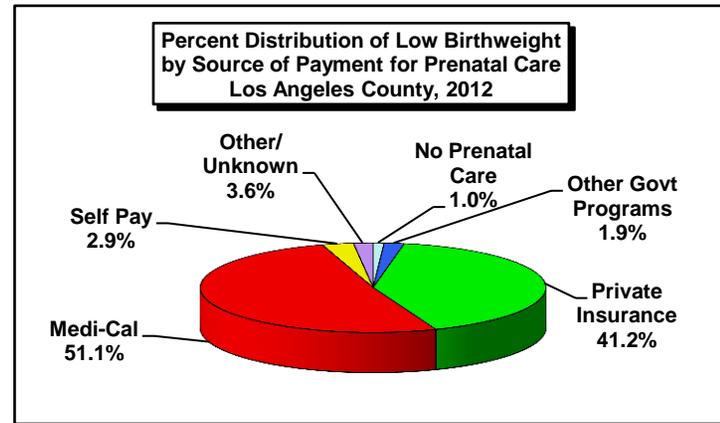
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Low Birthweight Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2012**



Los Angeles County, 2012				
Source of Payment for Prenatal Care	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	94	19.2	15.7	22.7
Other Govt Programs	171	7.5	6.5	8.6
Private Insurance	3,772	7.0	6.8	7.3
Medi-Cal	4,679	6.9	6.7	7.1
Self Pay	268	4.7	4.1	5.2
Other/Unknown	167	7.6	6.5	8.7
Total	9,151	6.9	6.8	7.1

Total Live Births
490
2,268
53,510
67,499
5,731
2,199
131,697



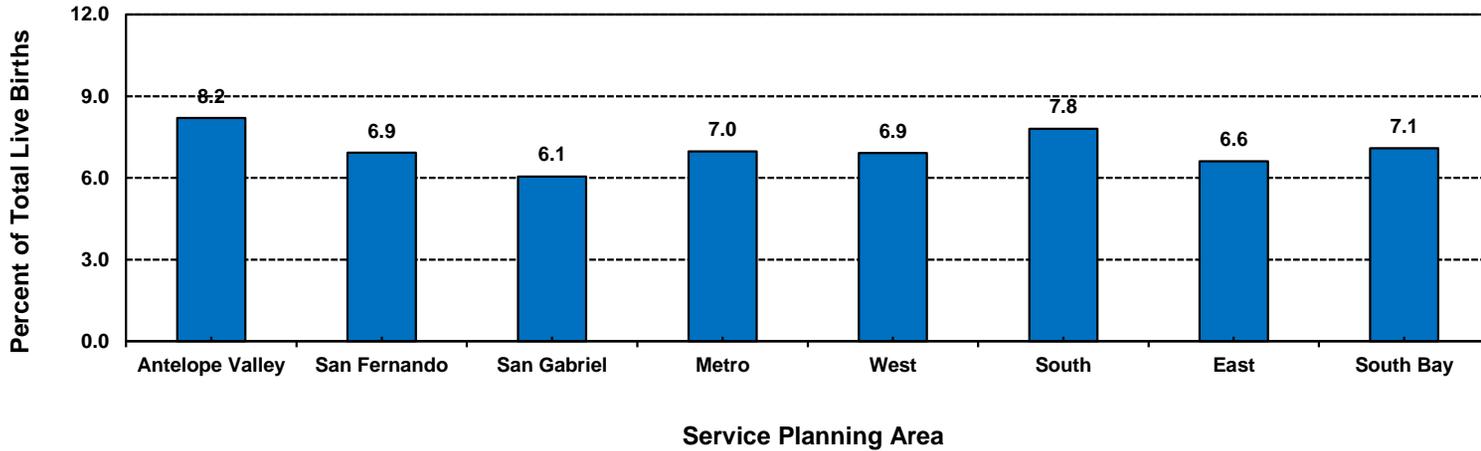
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

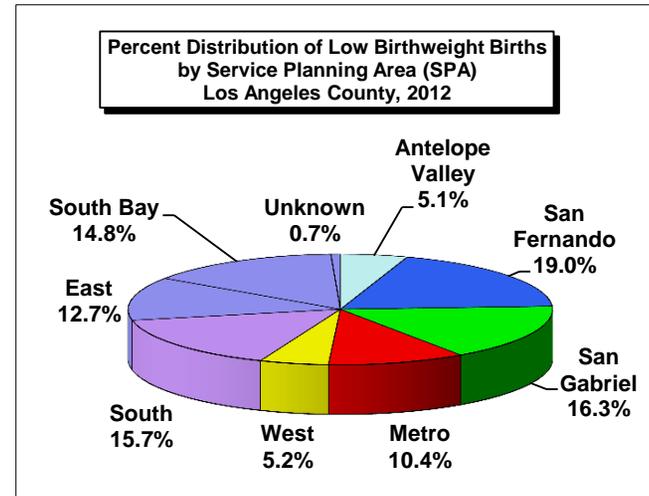
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Low Birthweight as Percent of Total Live Births
by Service Planning Area (SPA)
Los Angeles County, 2012**



Los Angeles County, 2012				
Service Planning Area (SPA)	SPA		95% Confidence Interval	
	Number	Percent	Lower	Upper
Antelope Valley	468	8.2	7.5	8.9
San Fernando	1,739	6.9	6.6	7.2
San Gabriel	1,494	6.1	5.8	6.4
Metro	956	7.0	6.6	7.4
West	478	6.9	6.3	7.5
South	1,435	7.8	7.4	8.2
East	1,160	6.6	6.2	7.0
South Bay	1,356	7.1	6.7	7.5
Unknown	65	10.7	8.3	13.2
Total	9,151	6.9	6.8	7.1

Total Live Births
5,701
25,097
24,669
13,698
6,905
18,379
17,531
19,112
605
131,697



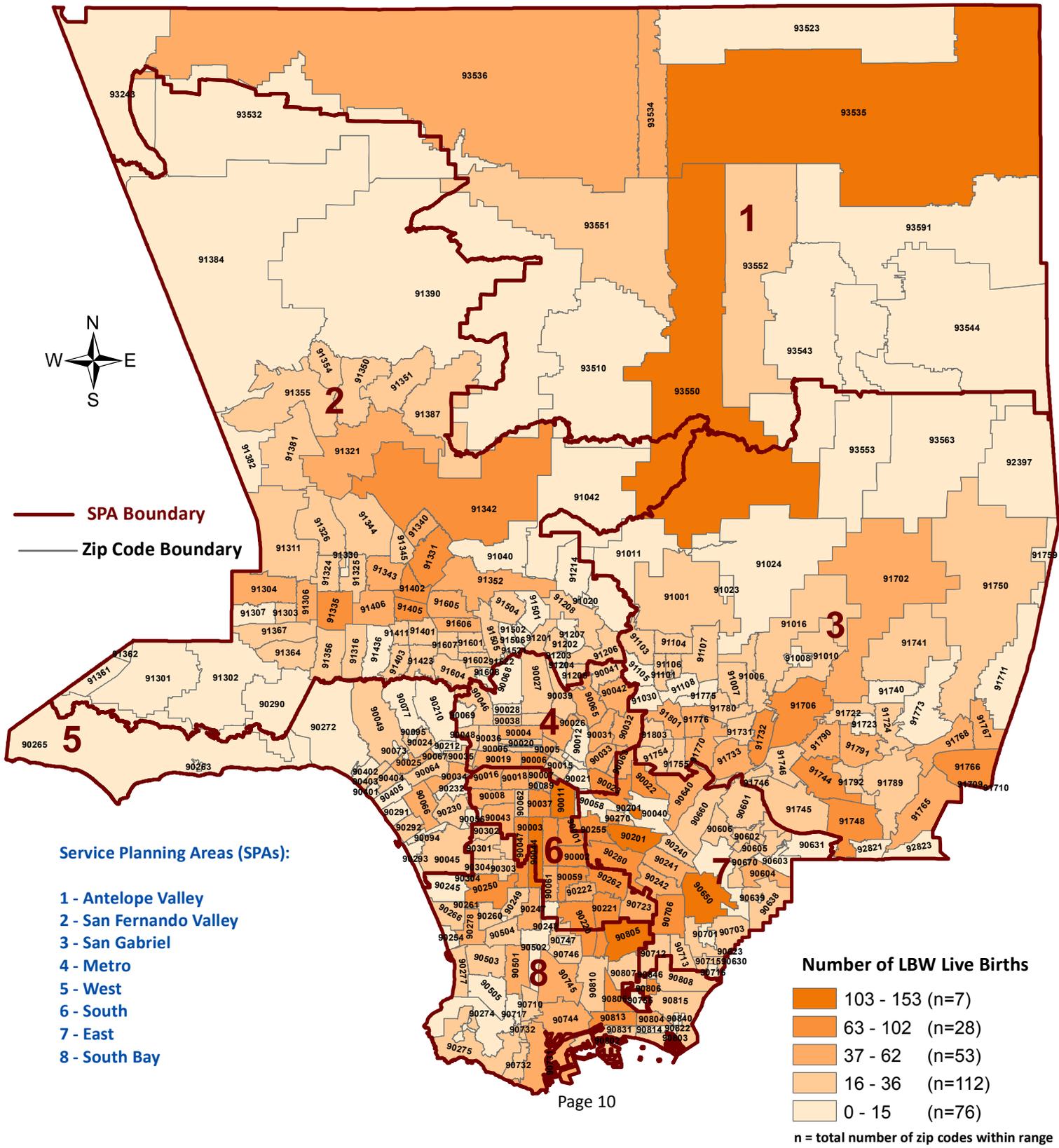
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

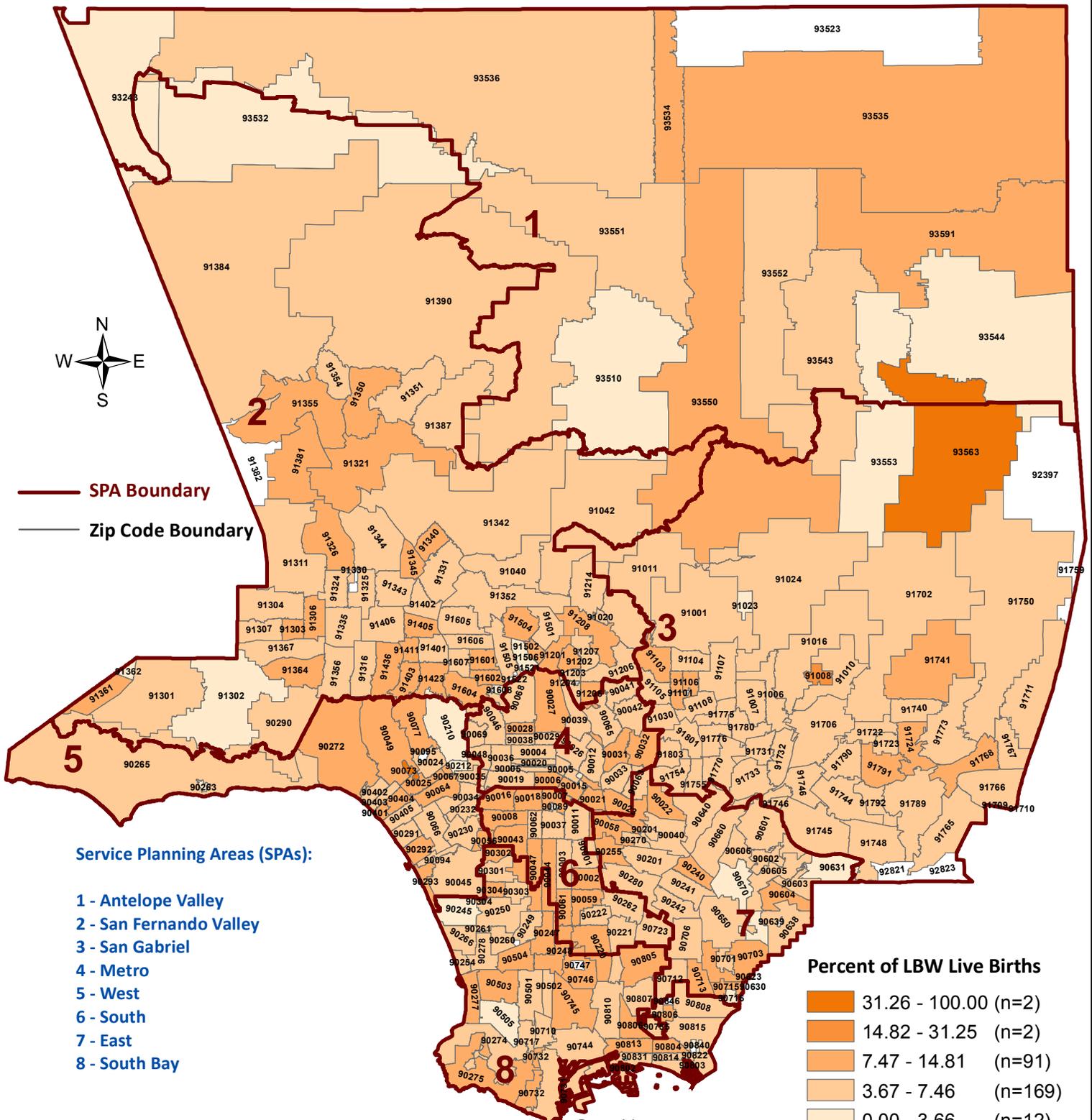
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

Los Angeles County - Department of Public Health
Number of Low Birthweight (LBW) Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2012



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2012 = 131,697
 Total number of low birthweight live births in Los Angeles County, 2012 = 9,151
 Note: Low birthweight is defined as fetal birth weight less than 2,500 grams at birth.
 Zip code 90704 (Catalina Island) is not included. Total number of low birthweight live births in 90704, 2012 = 3
 Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

Los Angeles County - Department of Public Health
Percent of Low Birthweight (LBW) Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2012



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2012 = 131,697

Total number of low birthweight live births in Los Angeles County, 2012 = 9,151

Percent of low birthweight live births per 100 live births in Los Angeles County, 2012 = 6.9

Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5.0 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

Zip code 90704 (Catalina Island) is not included. Percent of low birthweight live births in 90704, 2012 = 6.67

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

Very Low Birthweight

TITLE V INDICATOR TEMPLATE

INDICATOR: Percent of Very Low Birthweight

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

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

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

HEALTHY PEOPLE 2010 OBJECTIVE:

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

HEALTHY PEOPLE 2020 OBJECTIVE:

Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.
(Baseline: 1.5 percent in 2007) (Objective MICH-8.2)

RISK FACTORS:

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

See also risk factors for low birthweight

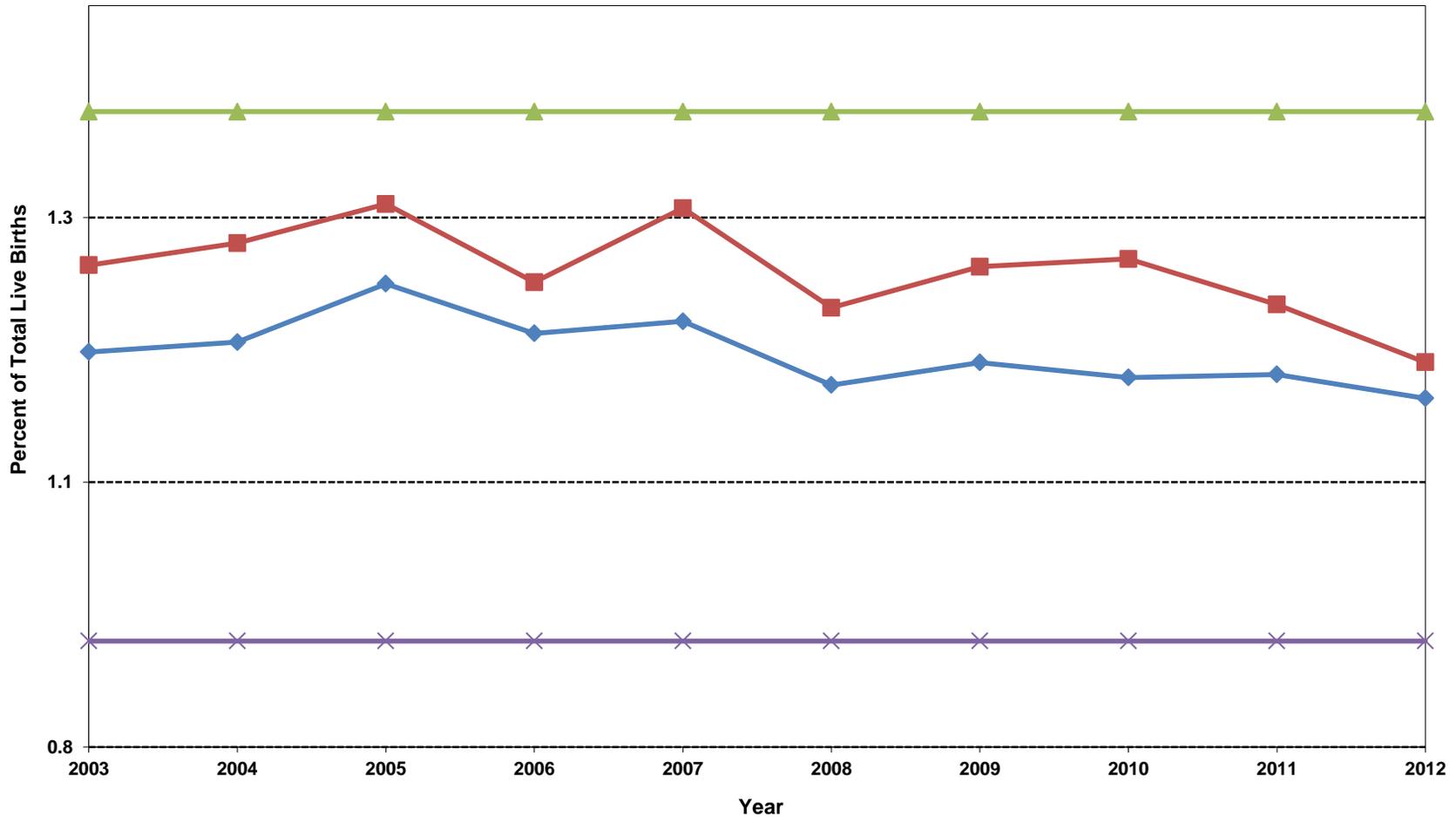
Year	California				Los Angeles County			
	Very Low Birthweight		95% Confidence Interval		Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2003	6,344	1.2	1.1	1.2	1,910	1.3	1.2	1.3
2004	6,440	1.2	1.2	1.2	1,933	1.3	1.2	1.3
2005	6,790	1.2	1.2	1.3	1,974	1.3	1.3	1.4
2006	6,693	1.2	1.2	1.2	1,881	1.2	1.2	1.3
2007	6,805	1.2	1.2	1.2	1,987	1.3	1.3	1.4
2008	6,298	1.1	1.1	1.2	1,794	1.2	1.2	1.3
2009	6,127	1.2	1.1	1.2	1,751	1.3	1.2	1.3
2010	5,859	1.1	1.1	1.2	1,679	1.3	1.2	1.3
2011	5,782	1.2	1.1	1.2	1,587	1.2	1.2	1.3
2012	5,689	1.1	1.1	1.2	1,532	1.2	1.1	1.2

Denominator: Live Births		
Year	California	LA County
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
2012	503,788	131,697

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2003-2012.

Percent of Very Low Birthweight California vs. Los Angeles County, 2003-2012

■ Los Angeles County
 ◆ California
 × Healthy People 2010
 ▲ Healthy People 2020

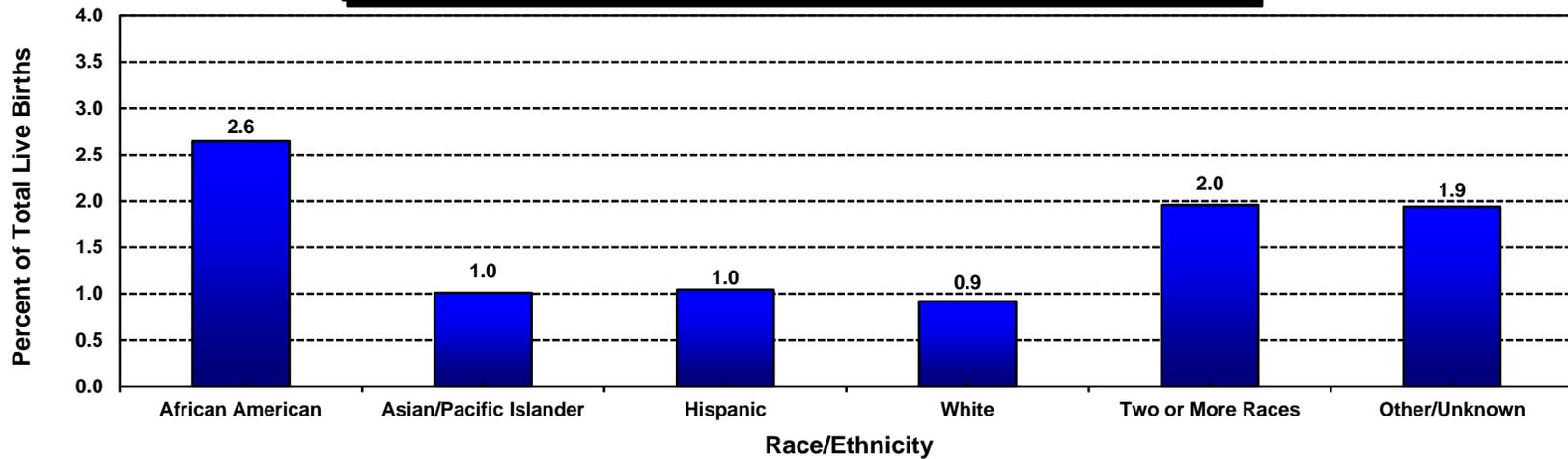


Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

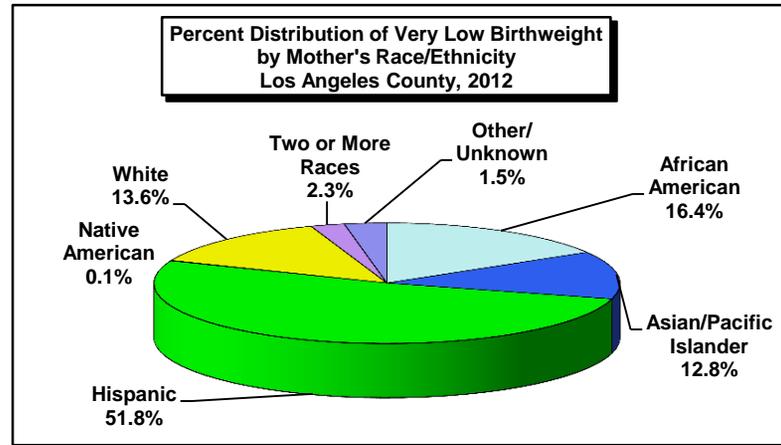
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2003-2012.

**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Race/Ethnicity	Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	252	2.6	2.3	3.0
Asian/Pacific Islander	196	1.0	0.9	1.2
Hispanic	793	1.0	1.0	1.1
Native American	<5	N/C	N/C	N/C
White	208	0.9	0.8	1.0
Two or More Races	36	2.0	1.3	2.6
Other/Unknown	45	1.9	1.4	2.5
Total	1,532	1.2	1.1	1.2

Total Live Births
9,514
19,389
75,899
117
22,623
1,837
2,318
131,697



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

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

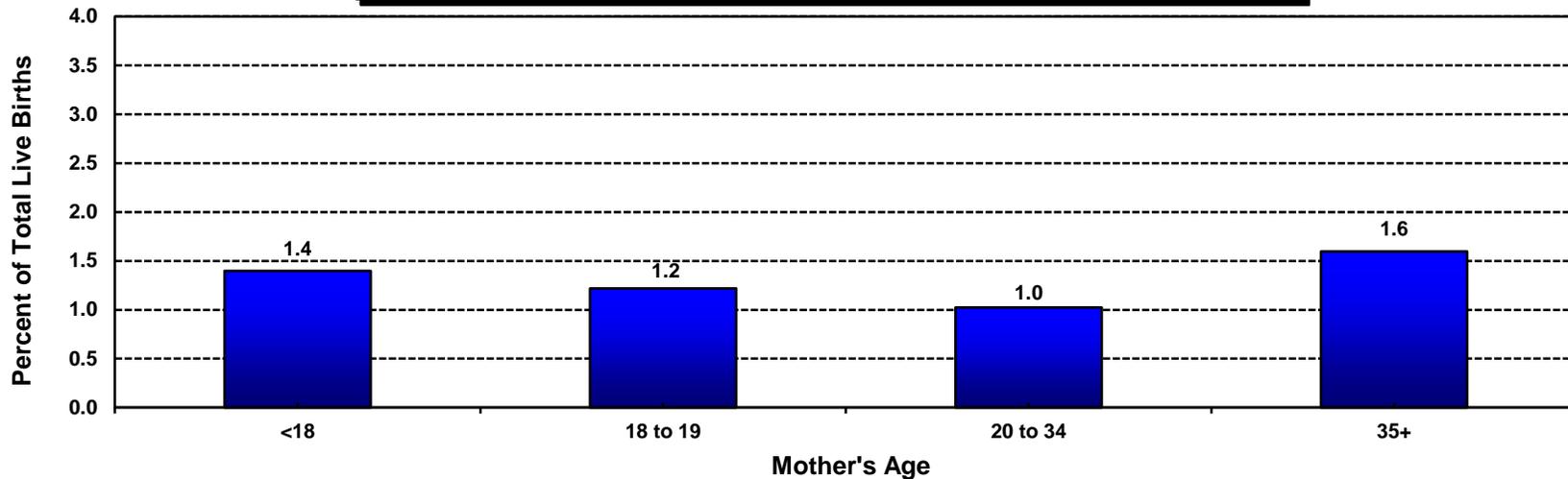
Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

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

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

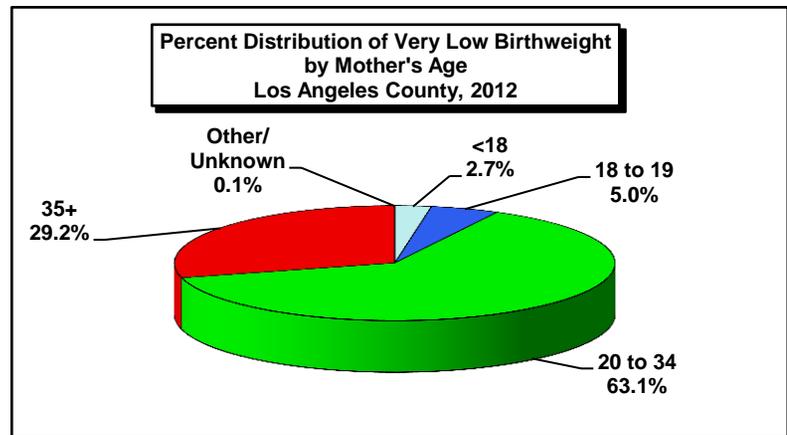
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Age
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Age	Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	41	1.4	1.0	1.8
18 to 19	77	1.2	0.9	1.5
20 to 34	967	1.0	1.0	1.1
35+	447	1.6	1.4	1.7
Other/Unknown	<5	N/C	N/C	N/C
Total	1,532	1.2	1.1	1.2

Total Live Births
2,933
6,320
94,434
27,995
15
131,697



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

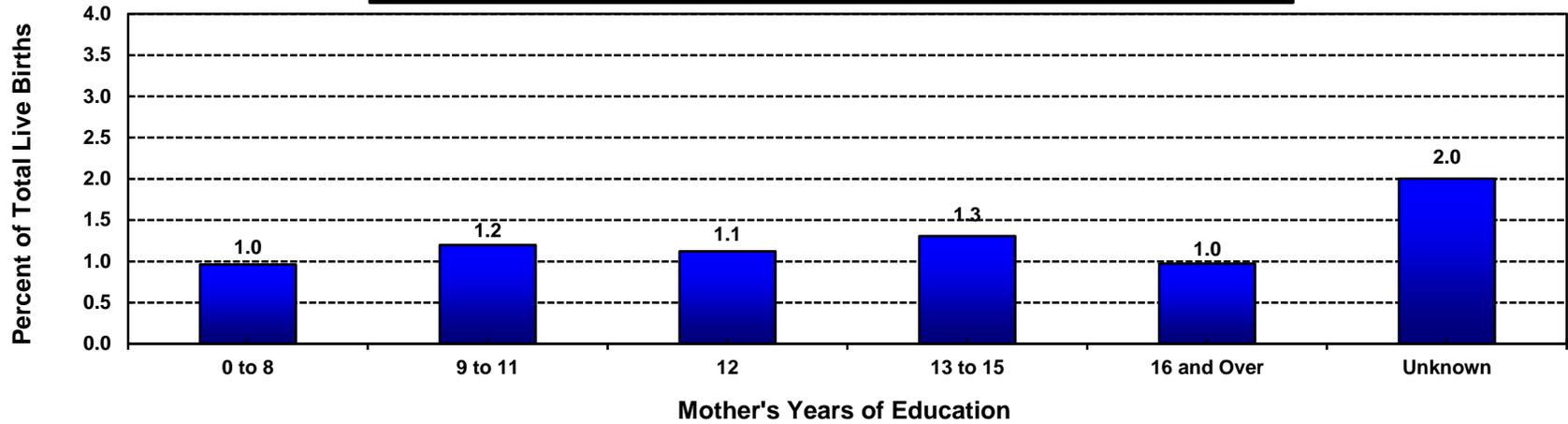
Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

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

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

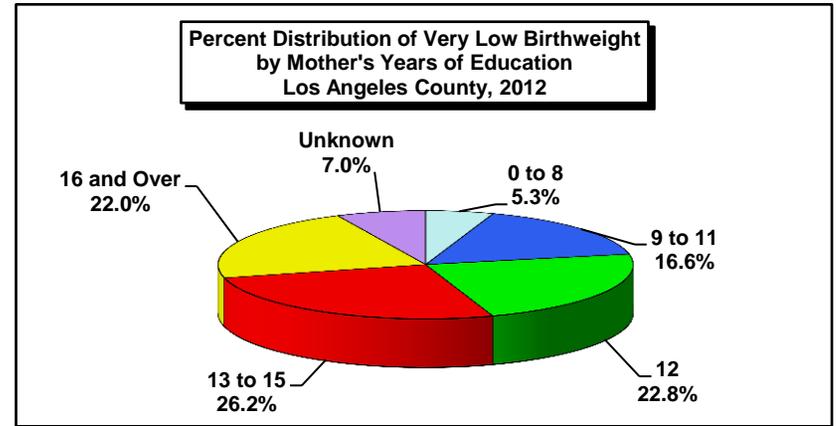
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Years of Education	Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	81	1.0	0.8	1.2
9 to 11	255	1.2	1.1	1.3
12	350	1.1	1.0	1.2
13 to 15	402	1.3	1.2	1.4
16 and Over	337	1.0	0.9	1.1
Unknown	107	2.0	1.6	2.4
Total	1,532	1.2	1.1	1.2

Total Live Births
8,421
21,288
31,217
30,770
34,659
5,342
131,697



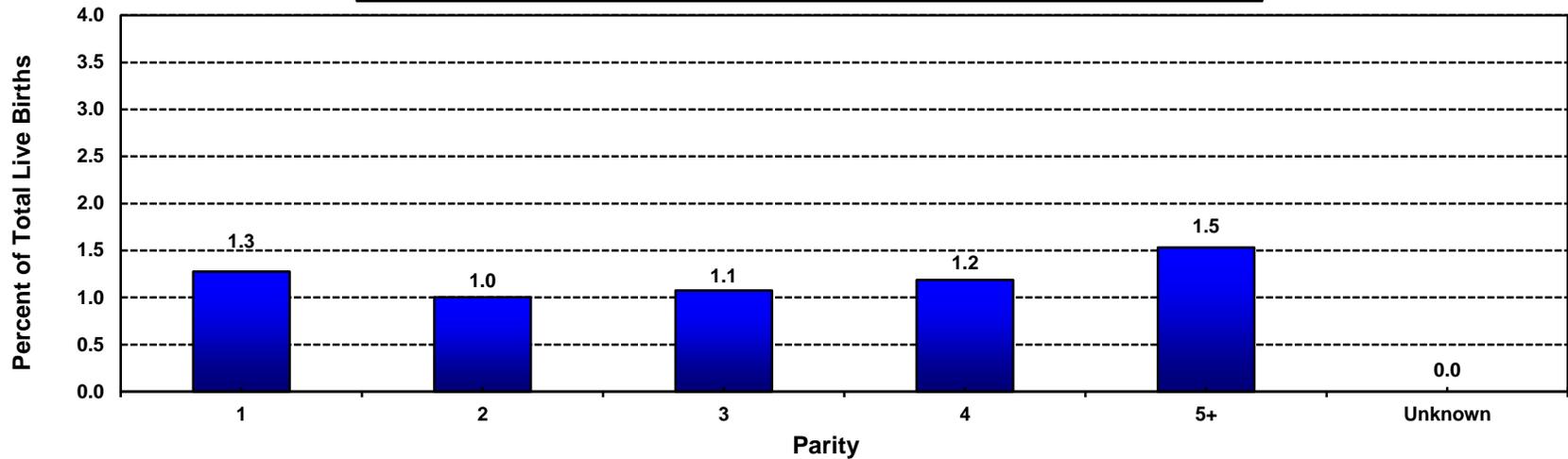
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

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

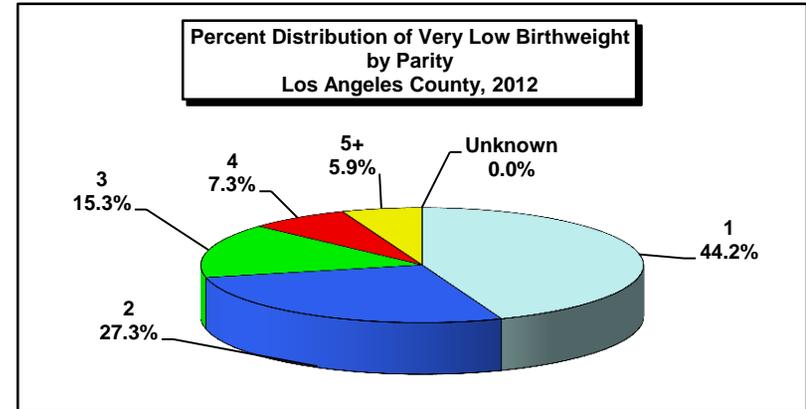
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Very Low Birthweight Live Births, as Percent of Total Live Births
by Parity
Los Angeles County, 2012**



Los Angeles County, 2012				
Parity	Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	675	1.3	1.2	1.4
2	417	1.0	0.9	1.1
3	234	1.1	0.9	1.2
4	112	1.2	1.0	1.4
5+	90	1.5	1.2	1.8
Unknown	<5	N/C	N/C	N/C
Total	1,532	1.2	1.1	1.2

Total Live Births
52,895
41,597
21,772
9,436
5,876
121
131,697



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

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

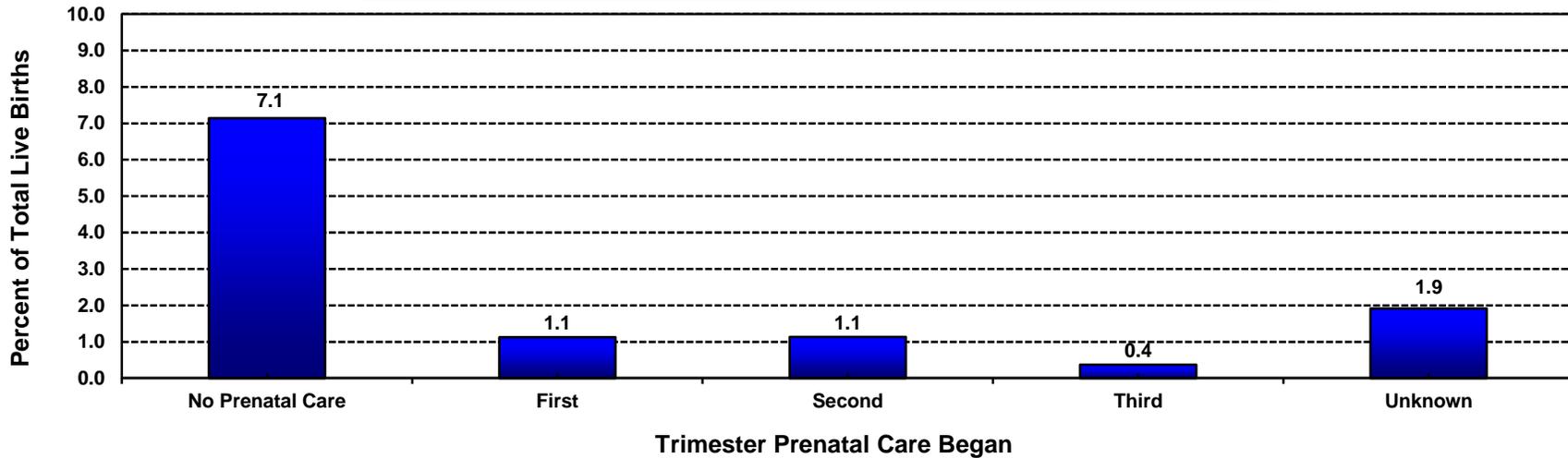
Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

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.

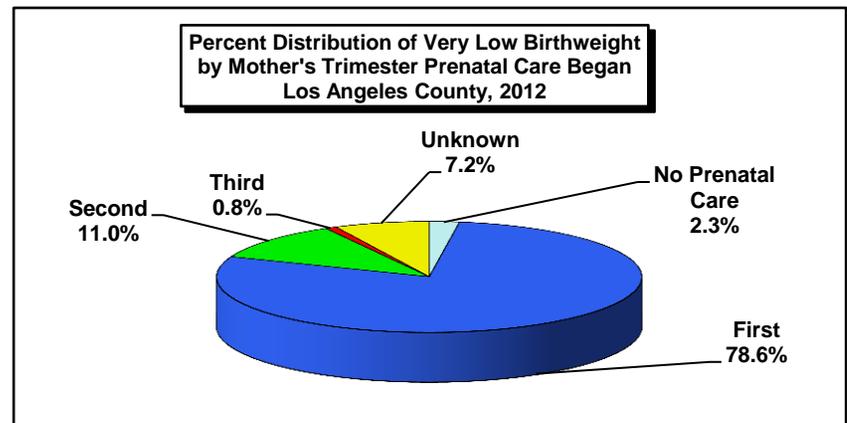
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Very Low Birthweight Live Births, as Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2012**



Los Angeles County, 2012				
Mother's Trimester Prenatal Care Began	Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	35	7.1	4.9	9.4
First	1,204	1.1	1.1	1.2
Second	169	1.1	1.0	1.3
Third	13	0.4	0.2	0.6
Unknown	111	1.9	1.6	2.3
Total	1,532	1.2	1.1	1.2

Total Live Births
490
106,996
14,905
3,513
5,793
131,697



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

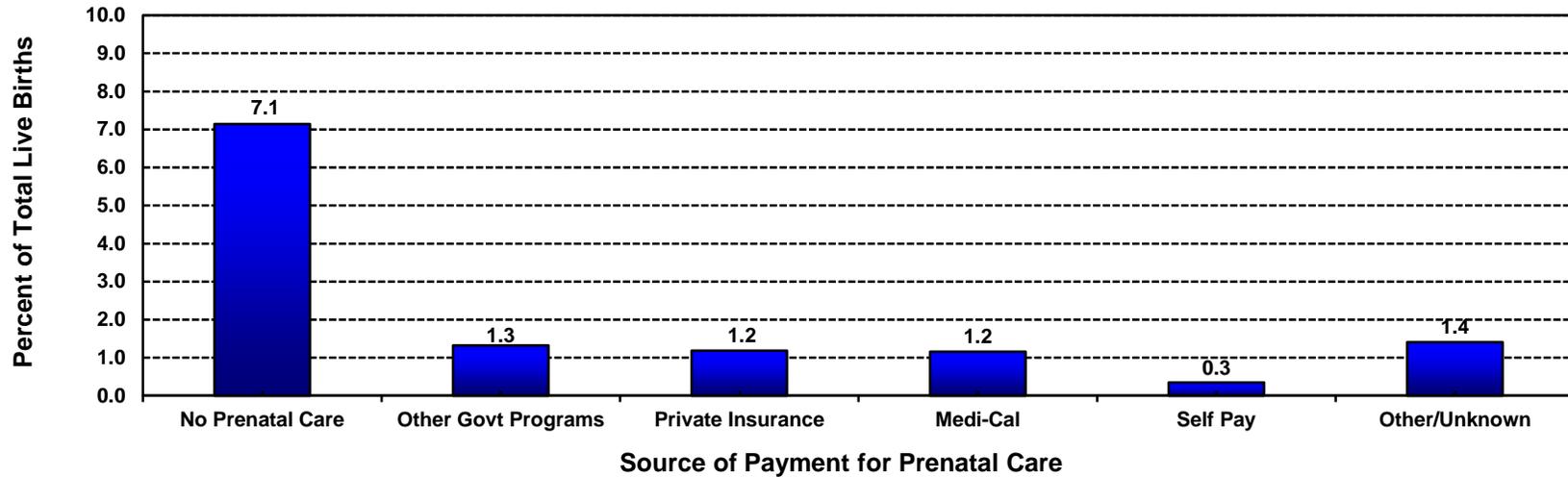
Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

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

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

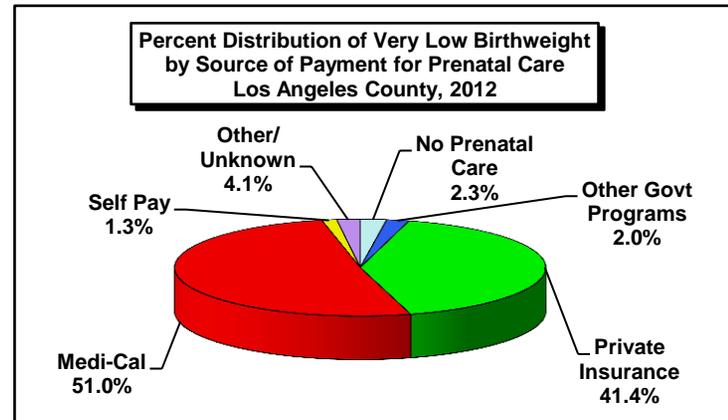
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Very Low Birthweight Live Births, as Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2012**



Los Angeles County, 2012				
Source of Payment for Prenatal Care	Very Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	35	7.1	4.9	9.4
Other Govt Programs	30	1.3	0.9	1.8
Private Insurance	634	1.2	1.1	1.3
Medi-Cal	782	1.2	1.1	1.2
Self Pay	20	0.3	0.2	0.5
Other/Unknown	31	1.4	0.9	1.9
Total	1,532	1.2	1.1	1.2

Total Live Births
490
2,268
53,510
67,499
5,731
2,199
131,697



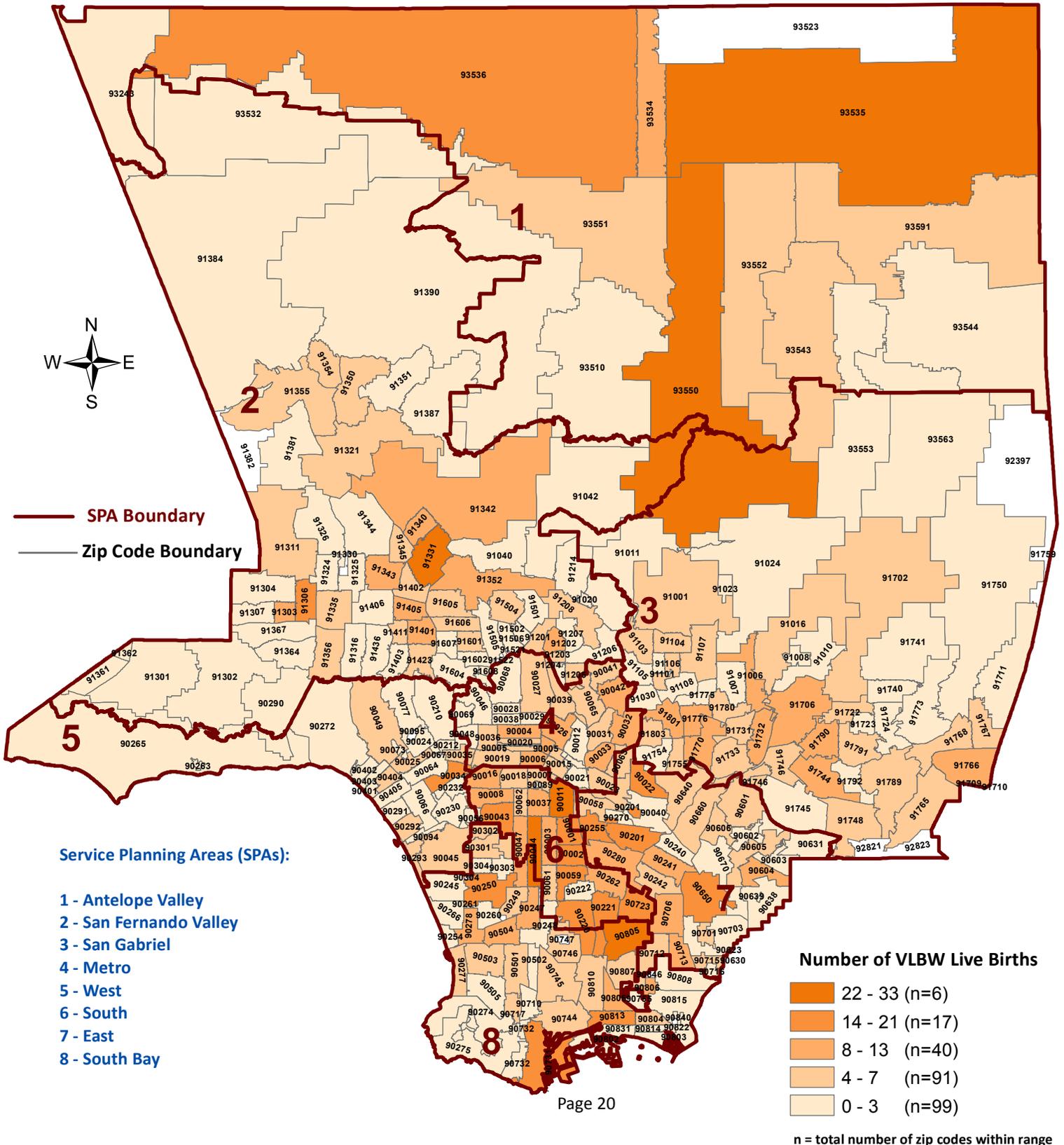
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

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

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

Los Angeles County - Department of Public Health
Number of Very Low Birthweight (VLBW) Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2012



*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2012 = 131,697

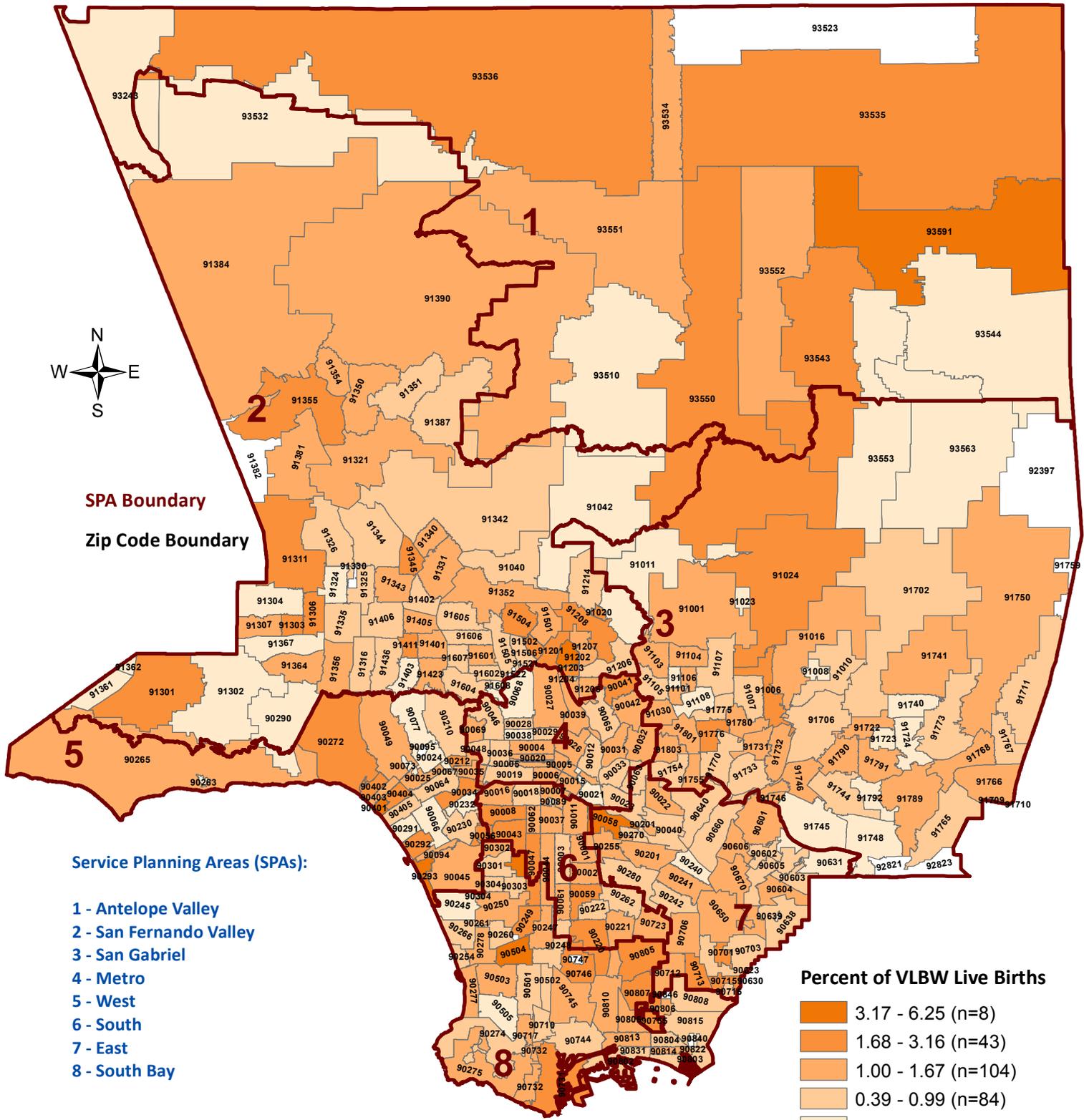
Total number of very low birthweight live births in Los Angeles County, 2012 = 1,532

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

Zip code 90704 (Catalina Island) is not included. Total number of very low birthweight live births in 90704, 2012 = 1

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.

**Los Angeles County - Department of Public Health
Percent of Very Low Birthweight (VLBW) Live Births by Zip Code* and Service Planning Area (SPA)
Los Angeles County, 2012**



*Los Angeles County zip code boundaries as of April 2007
 Total number of live births in Los Angeles County, 2012 = 131,697
 Total number of very low birthweight live births in Los Angeles County, 2012 = 1,532
 Percent of very low birthweight live births per 100 live births in Los Angeles County, 2012 = 1.2
 Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.
 Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.
 Note: Percent very low birthweight is defined as fetal birth weight less than 1,500 grams at birth per 100 live births.
 Zip code 90704 (Catalina Island) is not included. Percent of very low birthweight live births in 90704, 2012 = 2.22
 Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2012.