

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)

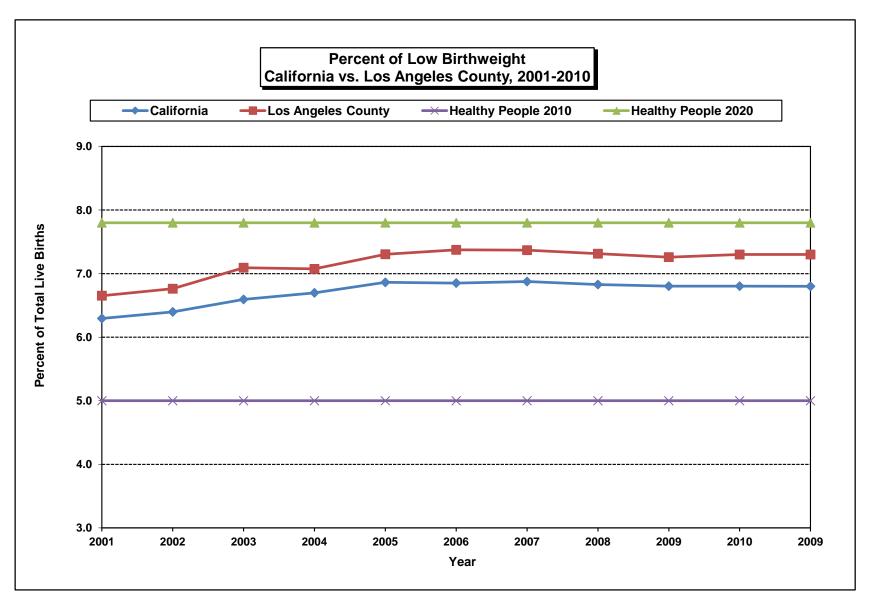
RISK FACTORS:

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

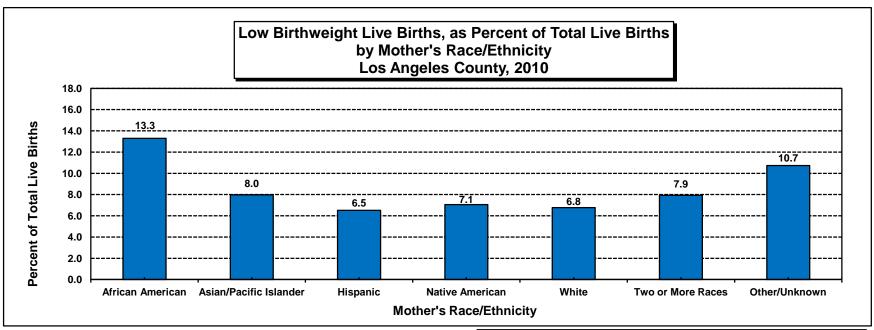
	California				Los Angeles County				
Year	Low Birt	thweight	95% Confide	95% Confidence Interval		Low Birthweight		95% Confidence Interval	
rear	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper	
2001	33,196	6.3	6.2	6.4	10,213	6.7	6.5	6.8	
2002	33,859	6.4	6.3	6.5	10,222	6.8	6.6	6.9	
2003	35,659	6.6	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	

2010	34,692	6.8	6.7	6.9	9,721	7.3	7.2	i .
Source:	California Depa	artment of Publi	c Health, Cente	er for Health Sta	atistics, OHIR V	ital Statistics Se	ection, 2001-20	10.

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					

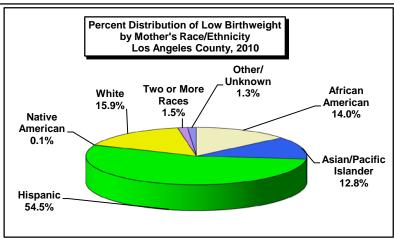


Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.



Los Angeles County, 2010						
Mother's	Low Birt	thweight	95% Confidence Interval			
Race/Ethnicity	Number	Percent	Lower	Upper		
African American	1,361	13.3	12.6	14.0		
Asian/Pacific Islander	1,240	8.0	7.5	8.4		
Hispanic	5,295	6.5	6.3	6.7		
Native American	12	7.1	3.2	10.9		
White	1,548	6.8	6.4	7.1		
Two or More Races	141	7.9	6.7	9.2		
Other/Unknown	124	10.7	9.0	12.5		
Total	9,721	7.3	7.2	7.4		

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

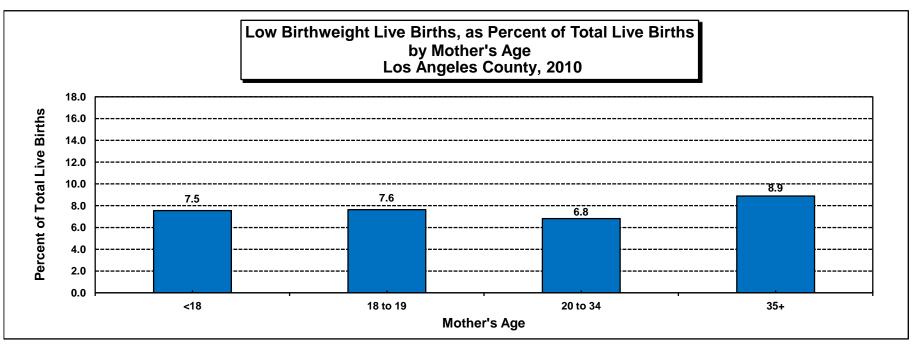


Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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

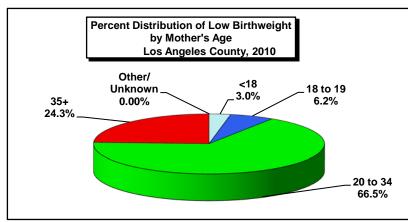
Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

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



Los Angeles County, 2010							
Mother's Age	Low Birt	hweight	95% Confidence Interval				
	Number	Percent	Lower	Upper			
<18	293	7.5	6.7	8.4			
18 to 19	604	7.6	7.1	8.2			
20 to 34	6,461	6.8	6.7	7.0			
35+	2,363	8.9	8.5	9.2			
Other/Unknown	<5	N/C	N/C	N/C			
Total	9,721	7.3	7.2	7.4			

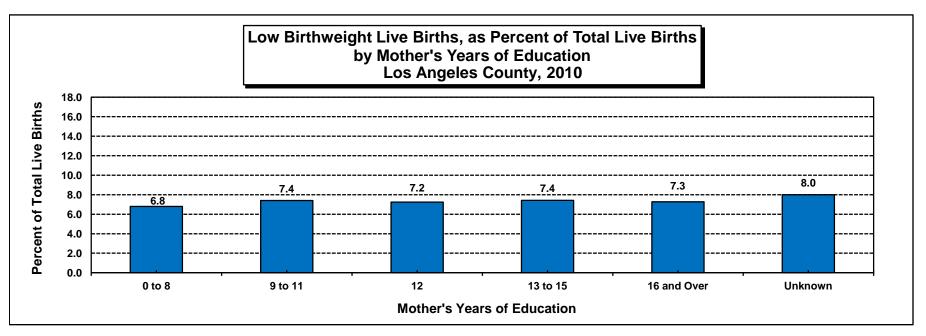
Total Live Births
3,882
7,907
94,786
26,577
8
133,160



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

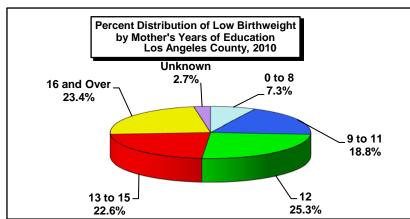
Note: Low birthweight is defined as weight less than 2,500 grams at birth.

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



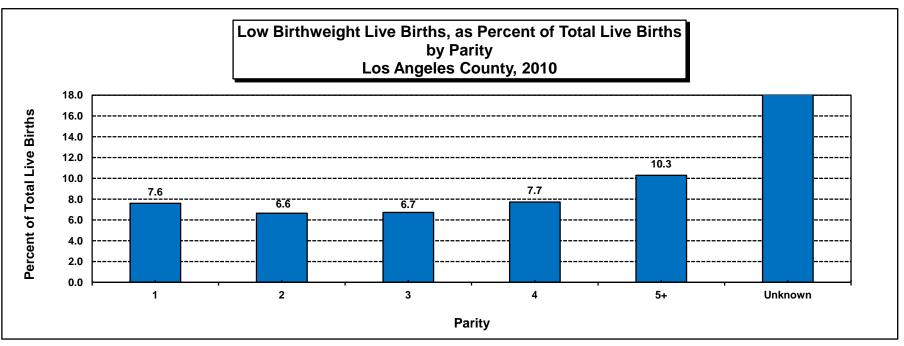
Los Angeles County, 2010							
Mother's Years of Education	Low Birt	thweight	95% Confidence Interval				
rears of Education	Number	Percent	Lower	Upper			
0 to 8	711	6.8	6.3	7.3			
9 to 11	1,829	7.4	7.1	7.7			
12	2,455	7.2	7.0	7.5			
13 to 15	2,195	7.4	7.1	7.7			
16 and Over	2,270	7.3	7.0	7.6			
Unknown	261	8.0	7.1	8.9			
Total	9,721	7.3	7.2	7.4			

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



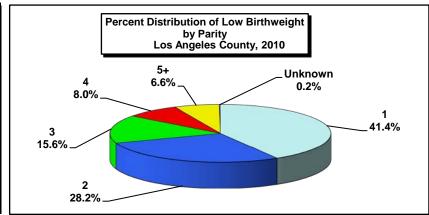
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births. Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

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



Los Angeles County, 2010							
Parity	Low Birt	hweight	95% Confidence Interval				
	Number	Percent	Lower	Upper			
1	4,029	7.6	7.4	7.8			
2	2,738	6.6	6.4	6.9			
3	1,520	6.7	6.4	7.1			
4	775	7.7	7.2	8.2			
5+	640	10.3	9.5	11.0			
Unknown	19	22.9	13.9	31.9			
Total	9,721	7.3	7.2	7.4			

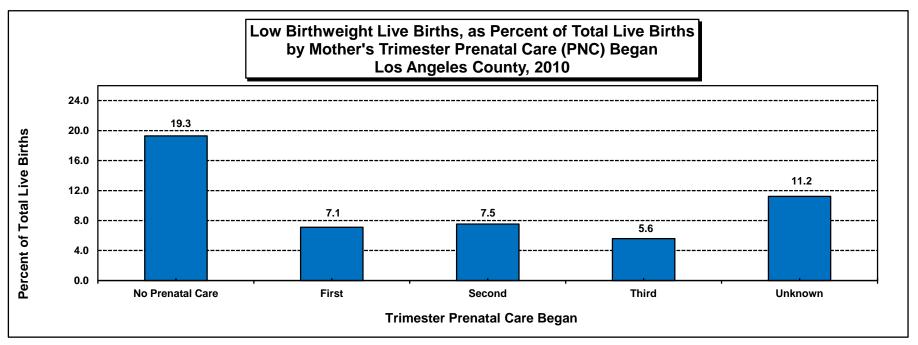
Total Live Births
53,037
41,179
22,607
10,033
6,221
83
133,160



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

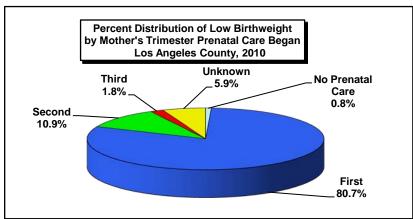
Note: Low birthweight is defined as weight less than 2,500 grams at birth.

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



Los Angeles County, 2010							
Mother's Trimester	Low Birthweight 95% Confid			ence Interval			
Prenatal Care Began	Number	Percent	Lower	Upper			
No Prenatal Care	76	19.3	15.4	23.2			
First	7,843	7.1	6.9	7.2			
Second	1,055	7.5	7.1	8.0			
Third	175	5.6	4.8	6.4			
Unknown	572	11.2	10.4	12.1			
Total	9,721	7.3	7.2	7.4			

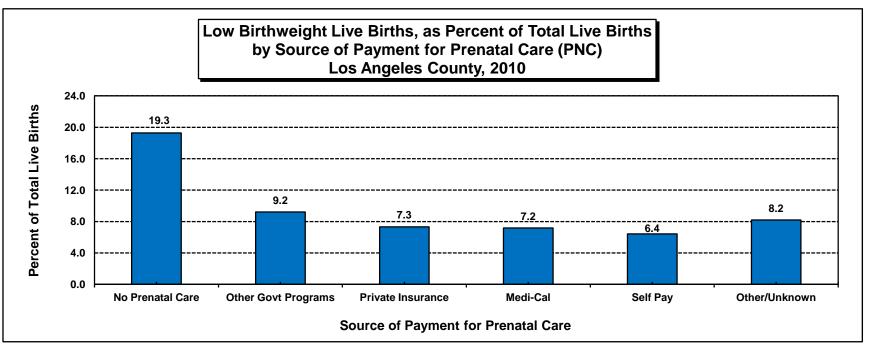
Total Live Births
394
110,516
14,022
3,132
5,096
133,160



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

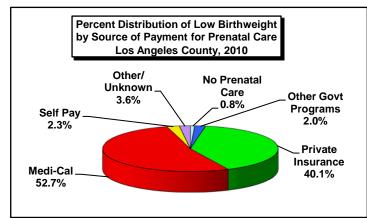
Note: Low birthweight is defined as weight less than 2,500 grams at birth.

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



Los Angeles County, 2010							
Source of Payment for Prenatal Care	Low Birt	thweight	95% Confidence Interval				
Fieliatai Cale	Number	Percent	Lower	Upper			
No Prenatal Care	76	19.3	15.4	23.2			
Other Govt Programs	195	9.2	8.0	10.5			
Private Insurance	3,902	7.3	7.1	7.5			
Medi-Cal	5,126	7.2	7.0	7.4			
Self Pay	224	6.4	5.6	7.2			
Other/Unknown	198 8.2		7.1	9.3			
Total	9,721	7.3	7.2	7.4			

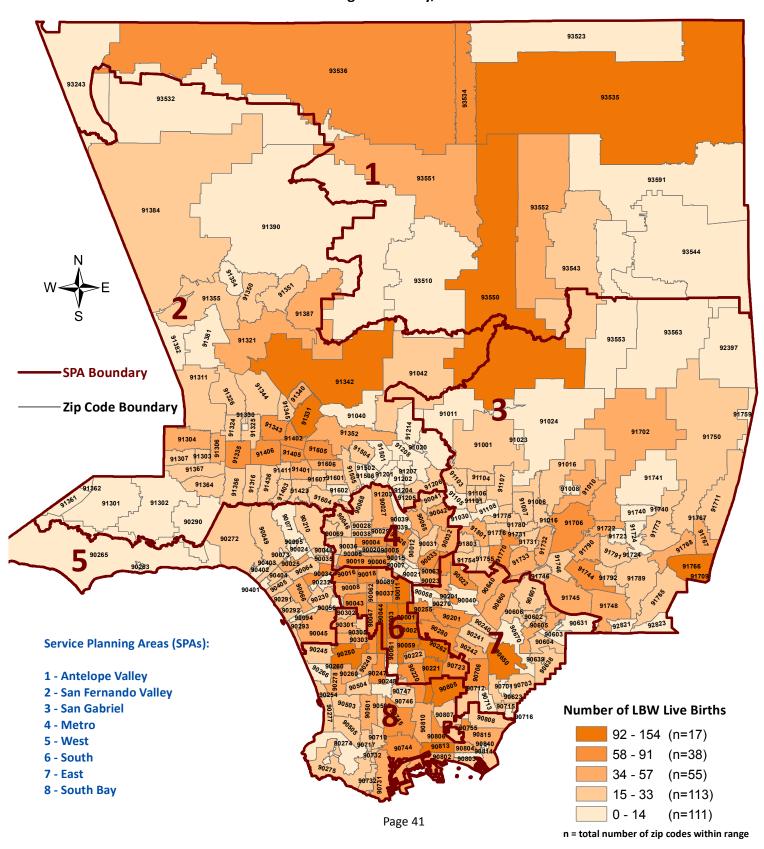
Total Live Births	
394	ļ
2,115	,
53,349)
71,397	,
3,489)
2,416	;
133,160)



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.

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, 2010



^{*}Los Angeles County zip code boundaries as of April 2007

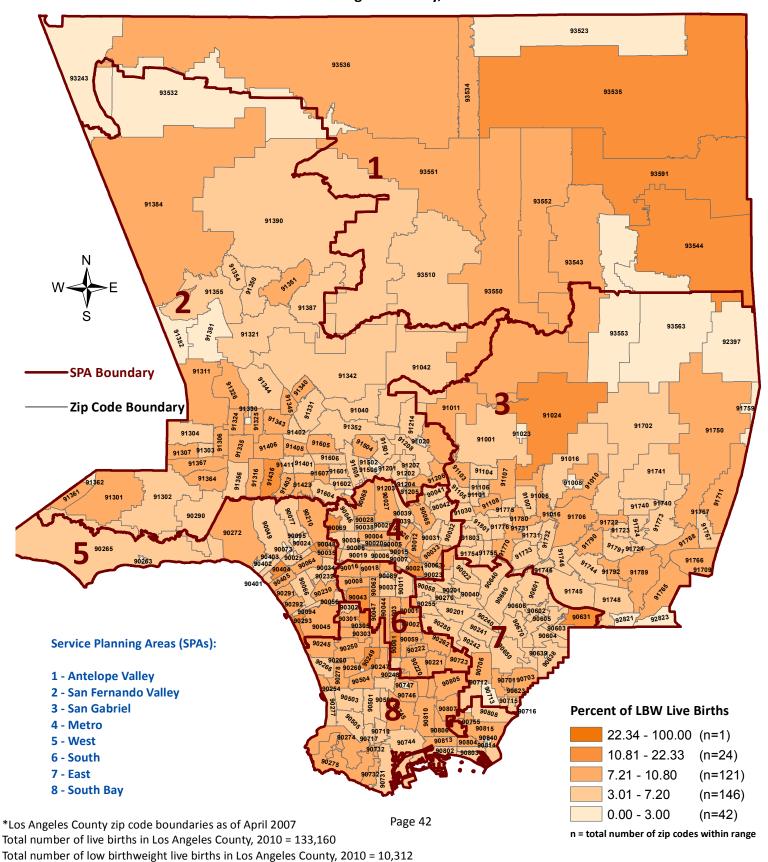
Total number of live births in Los Angeles County, 2010 = 133,160

Total number of low birthweight live births in Los Angeles County, 2010 = 10,312

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, 2010 = 6

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, 2010



Percent of low birthweight live births per 100 live births in Los Angeles County, 2010 = 7.7
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, 2010 = 13.00
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.



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)

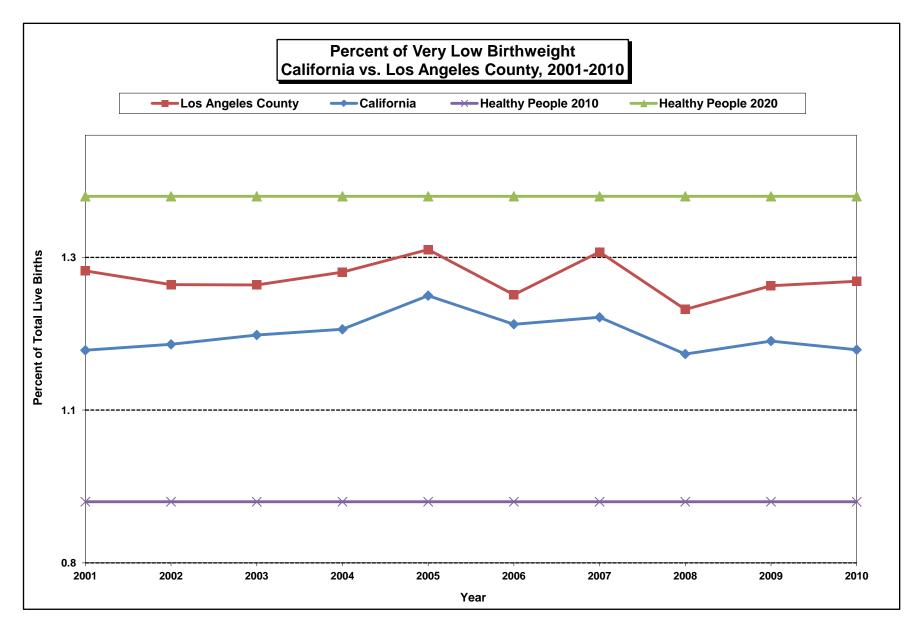
RISK FACTORS: Preterm birth, prior preterm birth; race/ethnicity (African American, Puerto Rican); substance use/abuse (e.g. illicit

drug use)

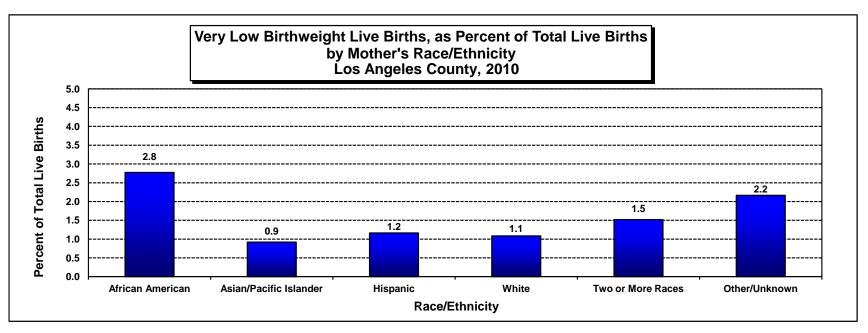
See also risk factors for low birthweight

	California				Los Ange	les County		
Year	Very Low B	Birthweight 95% Confidence Interval		Very Low Birthweight		95% Confidence Interval		
i eai	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2001	6,054	1.1	1.1	1.2	1,962	1.3	1.2	1.3
2002	6,127	1.2	1.1	1.2	1,898	1.3	1.2	1.3
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

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			

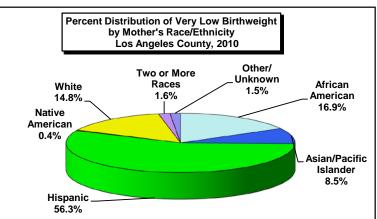


Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births. Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.



Los Angeles County, 2010						
Mother's	Very Low B	Birthweight	95% Confidence Interval			
Race/Ethnicity	Number	Percent	Lower	Upper		
African American	284	2.8	2.5	3.1		
Asian/Pacific Islander	143	0.9	0.8	1.1		
Hispanic	946	1.2	1.1	1.2		
Native American	6	3.5	0.8	6.3		
White	248	1.1	0.9	1.2		
Two or More Races	27	1.5	1.0	2.1		
Other/Unknown	25	2.2	1.3	3.0		
Total	1,679	1.3	1.2	1.3		

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



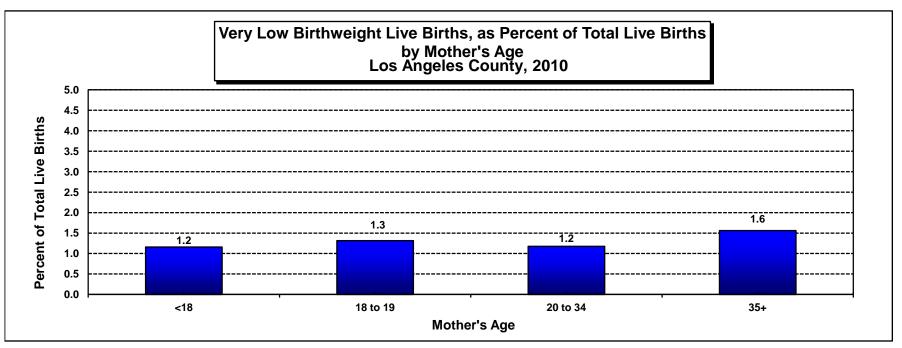
Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

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.

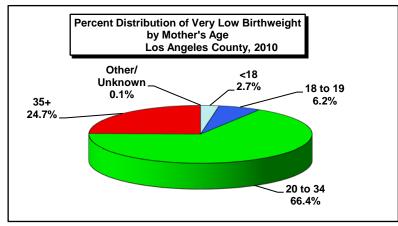
African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category.

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



Los Angeles County, 2010						
Mother's Age	Very Low E	Birthweight	95% Confidence Interval			
	Number	Percent	Lower	Upper		
<18	45	1.2	0.8	1.5		
18 to 19	104	1.3	1.1	1.6		
20 to 34	1,115	1.2	1.1	1.2		
35+	415	1.6	1.4	1.7		
Other/Unknown	<5	N/C	N/C			
Total	1,679	1.3	1.2	1.3		

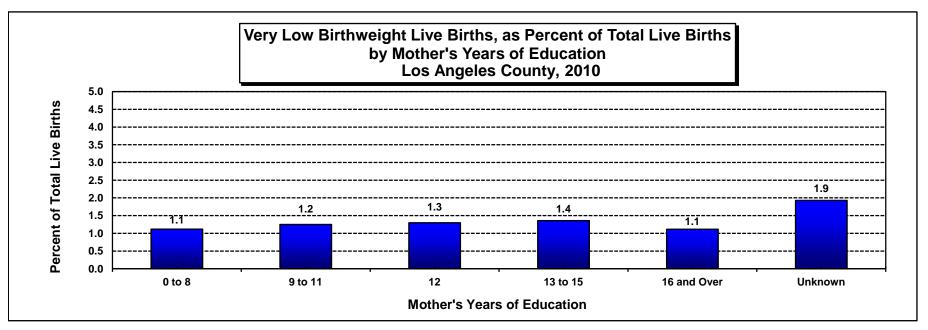
Total Live Births
3,882
7,907
94,786
26,577
8
133,160



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

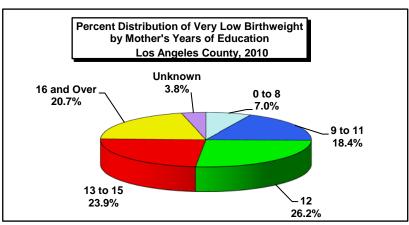
Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

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



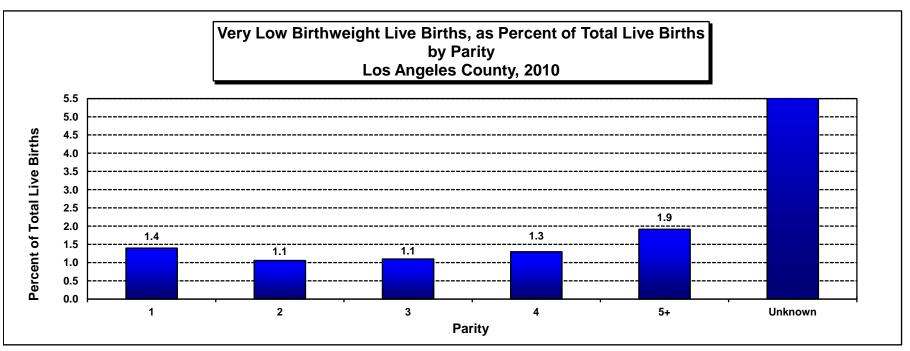
Los Angeles County, 2010						
Mother's Years of Education	Very Low E	Birthweight	95% Confidence Interval			
rears of Education	Number	Percent	Lower	Upper		
0 to 8	117	1.1	0.9	1.3		
9 to 11	309	1.2	1.1	1.4		
12	440	1.3	1.2	1.4		
13 to 15	402	1.4	1.2	1.5		
16 and Over	348	1.1	1.0	1.2		
Unknown	63	1.9	1.5	2.4		
Total	1,679	1.3	1.2	1.3		

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



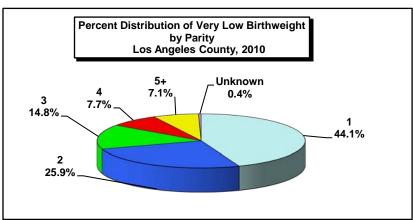
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births. Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

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



Los Angeles County, 2010						
Parity	Very Low E	Birthweight	95% Confidence Interval			
	Number	Percent	Lower	Upper		
1	740	1.4	1.3	1.5		
2	435	1.1	1.0	1.2		
3	248	1.1	1.0	1.2		
4	130	1.3	1.1	1.5		
5+	119	1.9	1.6	2.3		
Unknown	7	8.4	2.5	14.4		
Total	1,679	1.3	1.2	1.3		

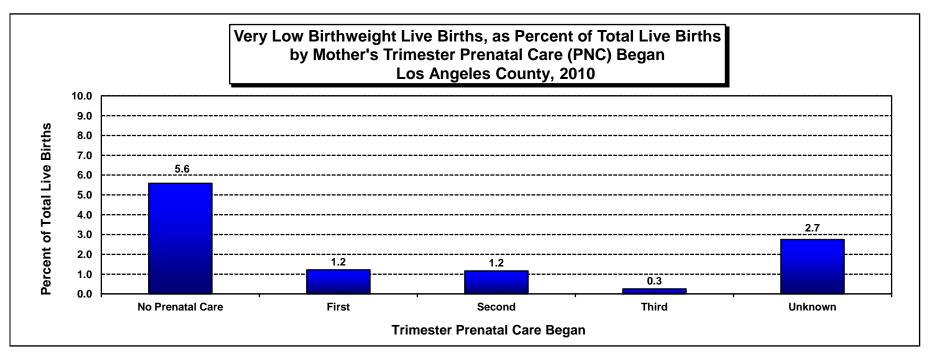
Total Live Births
53,037
41,179
22,607
10,033
6,221
83
133,160



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

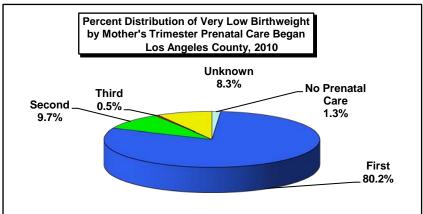
Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

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



	Los Angeles	s County, 20	10		
Mother's Trimester	Very Low Birthweight		95% Confidence Interval		
Prenatal Care Began	Number	Percent	Lower	Upper	
No Prenatal Care	22	5.6	3.3	7.9	
First	1,346	1.2	1.2	1.3	
Second	163	1.2	1.0	1.3	
Third	8	0.3	0.1	0.4	
Unknown	140	2.7	2.3	3.2	
Total	1,679	1.3	1.2	1.3	

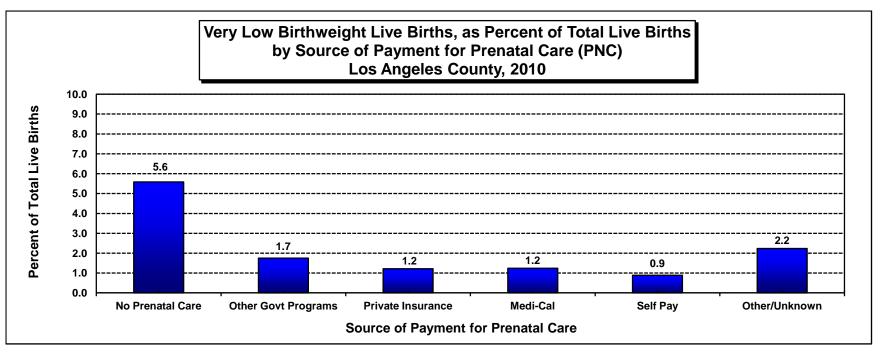
Total Live Births
394
110,516
14,022
3,132
5,096
133,160



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

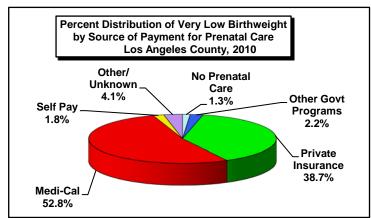
Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

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



Los Angeles County, 2010							
Source of Payment for Prenatal Care	t for Very Low Birthweight 95% Confidence Interval						
Fielialdi Cale	Number	Percent	Lower	Upper			
No Prenatal Care	22	5.6	3.3	7.9			
Other Govt Programs	37	1.7	1.2	2.3			
Private Insurance	649	1.2	1.1	1.3			
Medi-Cal	886	1.2	1.2	1.3			
Self Pay	31	0.9	0.6	1.2			
Other/Unknown	54	2.2	1.6	2.8			
Total	1,679	1.3	1.2	1.3			

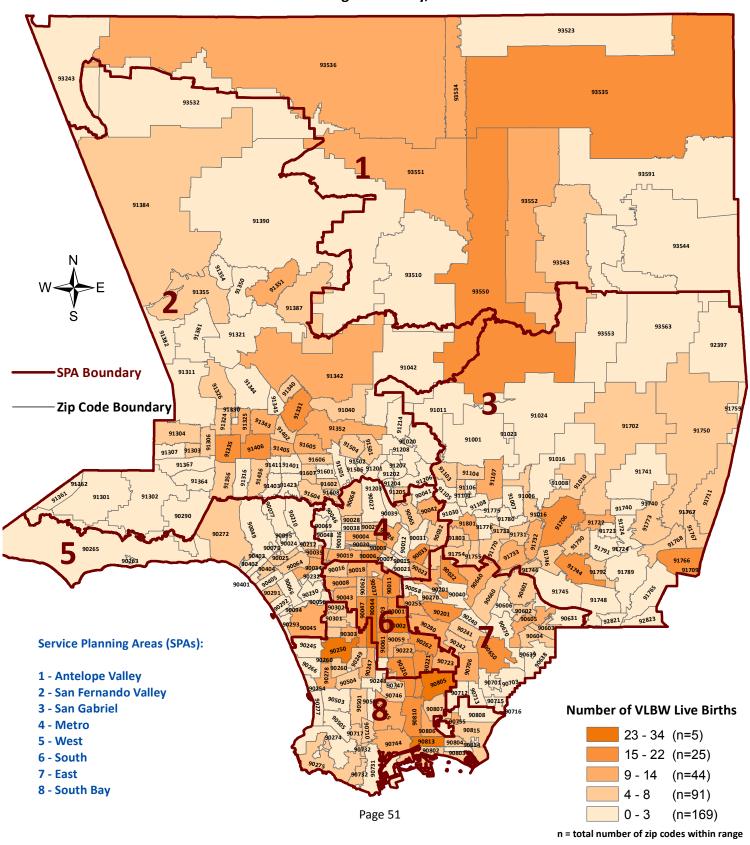
Total Live Births	
394	
2,115	
53,349	
71,397	
3,489	
2,416	
133,160	1



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.

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, 2010



^{*}Los Angeles County zip code boundaries as of April 2007

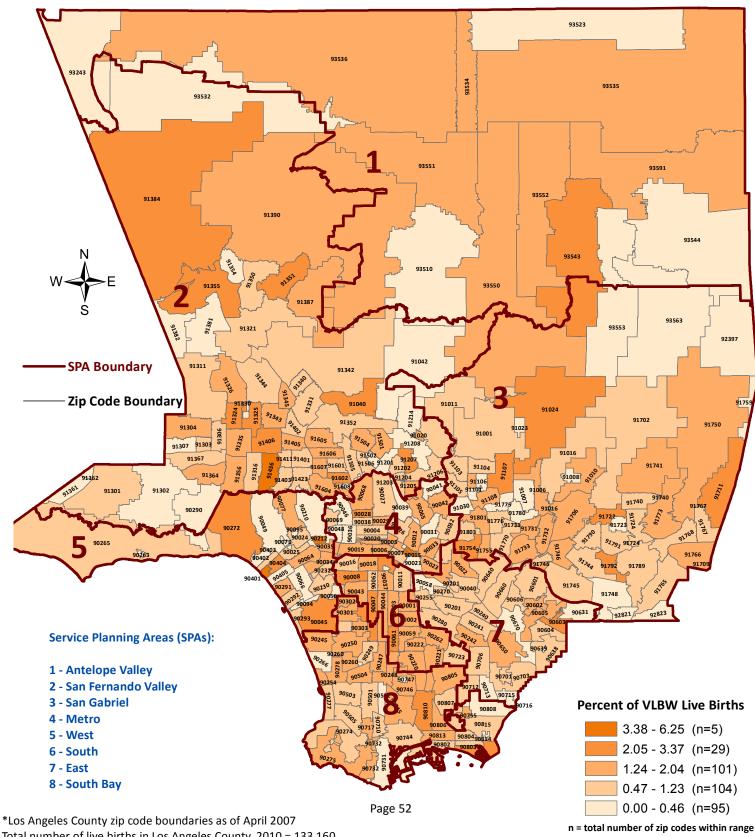
Total number of live births in Los Angeles County, 2010 = 133,160

Total number of very low birthweight live births in Los Angeles County, 2010 = 1,679

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, 2010 = 0

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, 2010



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

Total number of very low birthweight live births in Los Angeles County, 2010 = 1,790

Percent of very low birthweight live births per 100 live births in Los Angeles County, 2010 = 1.3

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, 2010 = 0.00 Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2010.