

# Live Births

**INDICATOR:** Crude Birth Rate

**DEFINITION:** The number of live births per 1,000 total population

**NUMERATOR:** The number of live births, by place of residence, in a calendar year

**DENOMINATOR:** The total population, by place of residence, in a calendar year

**HEALTHY PEOPLE 2020 OBJECTIVE:**

None

**RISK FACTORS:** Not applicable

Year	California				Los Angeles County			
	Total Live Births		95% Confidence Interval		Total Live Births		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2004	544,685	14.9	14.9	15.0	151,504	14.9	14.8	15.0
2005	548,700	14.8	14.8	14.9	150,377	14.7	14.6	14.8
2006	562,157	15.0	15.0	15.1	151,837	14.8	14.7	14.9
2007	566,137	15.0	14.9	15.0	151,813	14.7	14.6	14.8
2008	551,567	14.4	14.4	14.4	147,684	14.2	14.1	14.3
2009	526,774	13.6	13.6	13.7	139,679	13.4	13.3	13.4
2010	509,979	13.7	13.6	13.7	133,160	13.6	13.5	13.6
2011	502,023	13.4	13.3	13.4	130,313	13.2	13.1	13.3
2012	503,788	13.3	13.3	13.4	131,697	13.3	13.2	13.4
2013	494,392	13.0	12.9	13.0	128,526	12.9	12.8	13.0

Year	Denominator: Total Population	
	California	LA County
2004	36,525,947	10,152,410
2005	36,957,436	10,216,326
2006	37,380,870	10,262,451
2007	37,810,582	10,323,161
2008	38,288,706	10,385,372
2009	38,688,293	10,449,155
2010	37,309,382	9,824,906
2011	37,570,307	9,860,836
2012	37,826,160	9,911,665
2013	38,118,386	9,969,762

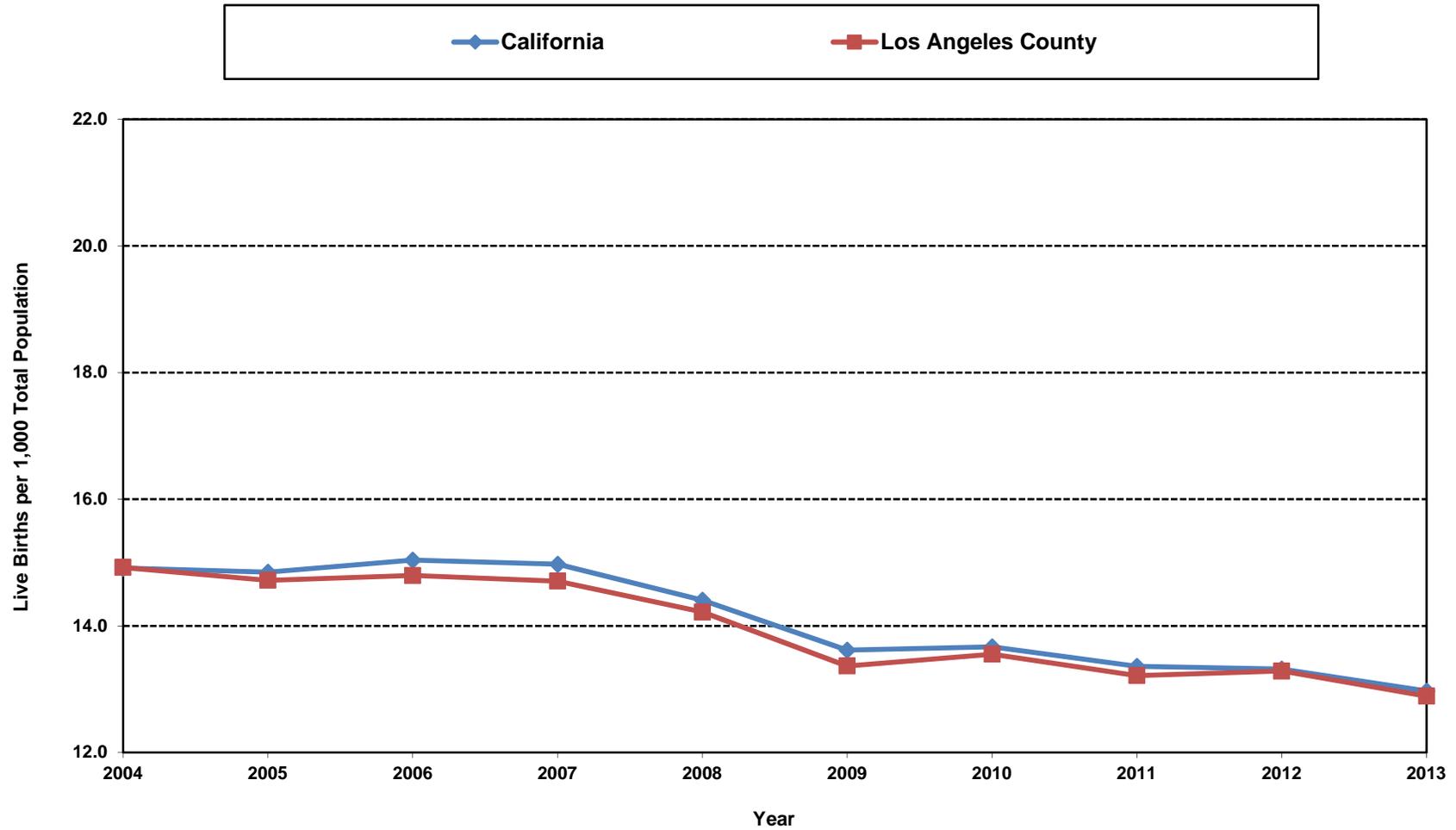
Sources: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1990-1999", Sacramento, California, May, 2004.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2013.

### Live Births per 1,000 Total Population California vs. Los Angeles County, 2004-2013



Sources: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1990-1999", Sacramento, California, May, 2004.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

**INDICATOR:** Percent of Total Live Births by Mother's Race/Ethnicity, 2013

**DEFINITION:** The percent of total live births for selected race/ethnic groups

**NUMERATOR:** Number of live births, by mother's race/ethnicity, by place of residence, in a calendar year

**DENOMINATOR:** Total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2020 OBJECTIVE:** None

**RISK FACTORS:** Not applicable

Mother's Race/Ethnicity	2013 California				2013 LA County			
	Live Births		95% Confidence Interval		Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
African American	25,837	5.2	5.2	5.3	9,319	7.3	7.1	7.4
Asian	68,117	13.8	13.7	13.9	19,398	15.1	14.9	15.3
Hispanic	238,200	48.2	48.0	48.3	72,645	56.5	56.3	56.8
Native American	1,794	0.4	0.3	0.4	159	0.1	0.1	0.1
Pacific Islander	1,994	0.4	0.4	0.4	322	0.3	0.2	0.3
White	147,281	29.8	29.7	29.9	23,002	17.9	17.7	18.1
Two or More Races	11,169	2.3	2.2	2.3	1,919	1.5	1.4	1.6
Other/Unknown	0	0.0	0.0	0.0	1,762	1.4	1.3	1.4
<b>Total</b>	<b>494,392</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Denominator: Total Live Births 2013	
California	LA County
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526
494,392	128,526

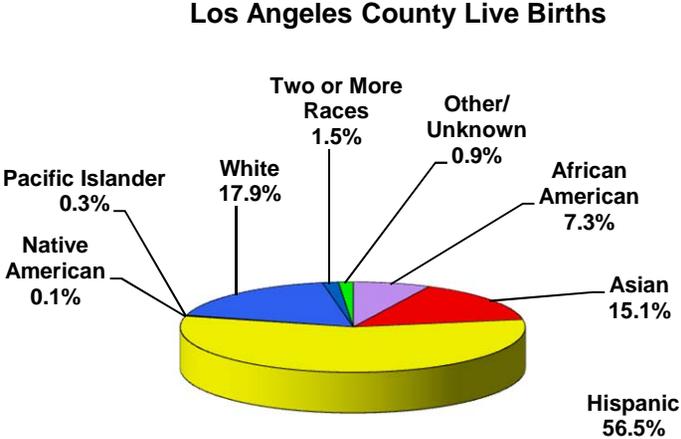
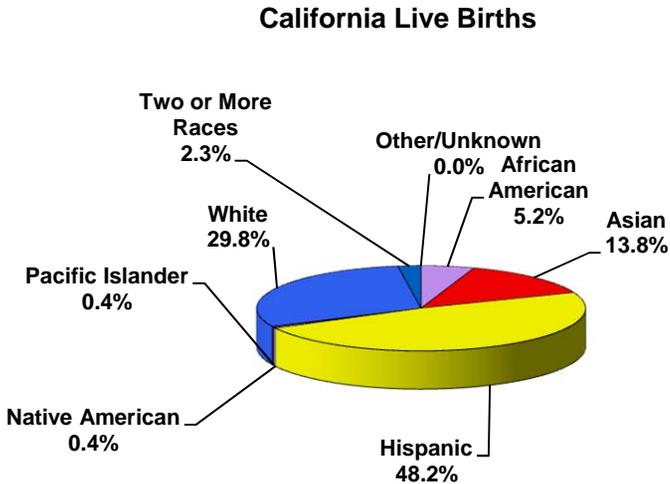
Note: Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

Filipinos are included with Asians.

For 2013 CA Live Births by race white includes other/unknown.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births by Mother's Race/Ethnicity  
California vs. Los Angeles County, 2013**



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

Filipinos are included with Asians.

For 2013 CA Live Births by race white includes other/unknown.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**INDICATOR:** Percent of Total Live Births by Mother's Race/Ethnicity, 2004-2013

**DEFINITION:** The percent of total live births for selected race/ethnic groups over time

**NUMERATOR:** Number of live births, by mother's race/ethnicity, by place of residence, in a calendar year

**DENOMINATOR:** Total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2020 OBJECTIVE:**

None

**RISK FACTORS:** Not applicable

California Live Births																	
Year	African American		Asian*		Hispanic		Native American		Pacific Islander		White		Two or More Races		Other/Unknown		Number
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
2004	28,679	5.3	62,122	11.4	275,188	50.5	2,073	0.4	2,543	0.5	158,992	29.2	7,162	1.3	7,926	1.5	544,685
2005	28,756	5.2	61,735	11.3	282,823	51.5	2,116	0.4	2,528	0.5	155,900	28.4	7,382	1.3	7,460	1.4	548,700
2006	30,016	5.3	62,949	11.2	293,276	52.2	2,136	0.4	2,523	0.4	154,227	27.4	8,219	1.5	8,811	1.6	562,157
2007	29,479	5.2	66,234	11.7	296,917	52.4	2,012	0.4	2,608	0.5	150,931	26.7	9,456	1.7	8,500	1.5	566,137
2008	29,428	5.3	64,825	11.8	287,323	52.1	2,032	0.4	2,481	0.4	146,309	26.5	9,875	1.8	9,294	1.7	551,567
2009	28,611	5.4	62,854	11.9	269,953	51.2	1,987	0.4	2,397	0.5	141,193	26.8	9,828	1.9	9,951	1.9	526,774
2010	27,704	5.4	60,654	11.9	257,269	50.4	1,910	0.4	2,235	0.4	140,670	27.6	10,285	2.0	9,252	1.8	509,979
2011	27,082	5.4	61,907	12.3	249,675	49.7	1,804	0.4	2,153	0.4	139,273	27.7	10,598	2.1	9,531	1.9	502,023
2012	26,533	5.3	68,547	13.6	244,616	48.6	1,763	0.3	2,037	0.4	137,227	27.2	10,932	2.2	12,133	2.4	503,788
2013	25,837	5.2	68,117	13.8	238,200	48.2	1,794	0.4	1,994	0.4	147,281	29.8	11,169	2.3	0	0.0	494,392

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

For 2013 CA Live Births by race white includes other/unknown.

\* Filipinos are included with Asians.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

**TITLE V INDICATOR TEMPLATE**

**INDICATOR: Percent of Total Live Births by Mother's Race/Ethnicity, 2004-2013 (continued)**

Los Angeles County Live Births																	
Year	African American		Asian*		Hispanic		Native American		Pacific Islander		White		Two or More Races		Other/Unknown		Total Births
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
2004	11,041	7.3	15,654	10.3	94,894	62.6	212	0.1	550	0.4	26,938	17.8	1,515	1.0	700	0.5	151,504
2005	10,931	7.3	15,460	10.3	94,780	63.0	189	0.1	538	0.4	26,100	17.4	1,506	1.0	873	0.6	150,377
2006	11,069	7.3	15,760	10.4	96,490	63.5	189	0.1	481	0.3	25,655	16.9	1,567	1.0	626	0.4	151,837
2007	10,858	7.2	16,789	11.1	95,686	63.0	191	0.1	493	0.3	25,137	16.6	1,717	1.1	942	0.6	151,813
2008	11,016	7.5	16,189	11.0	92,643	62.7	170	0.1	478	0.3	24,238	16.4	1,747	1.2	1,203	0.8	147,684
2009	10,589	7.6	15,729	11.3	86,642	62.0	202	0.1	450	0.3	23,150	16.6	1,762	1.3	1,155	0.8	139,679
2010	10,237	7.7	15,169	11.4	81,372	61.1	170	0.1	393	0.3	22,887	17.2	1,777	1.3	1,155	0.9	133,160
2011	9,804	7.5	15,735	12.1	77,993	59.9	191	0.1	391	0.3	22,684	17.4	1,792	1.4	1,723	1.3	130,313
2012	9,514	7.2	19,000	14.4	75,899	57.6	117	0.1	389	0.3	22,623	17.2	1,837	1.4	2,318	1.8	131,697
2013	9,319	7.3	19,398	15.1	72,645	56.5	159	0.1	322	0.3	23,002	17.9	1,919	1.5	1,762	1.4	128,526

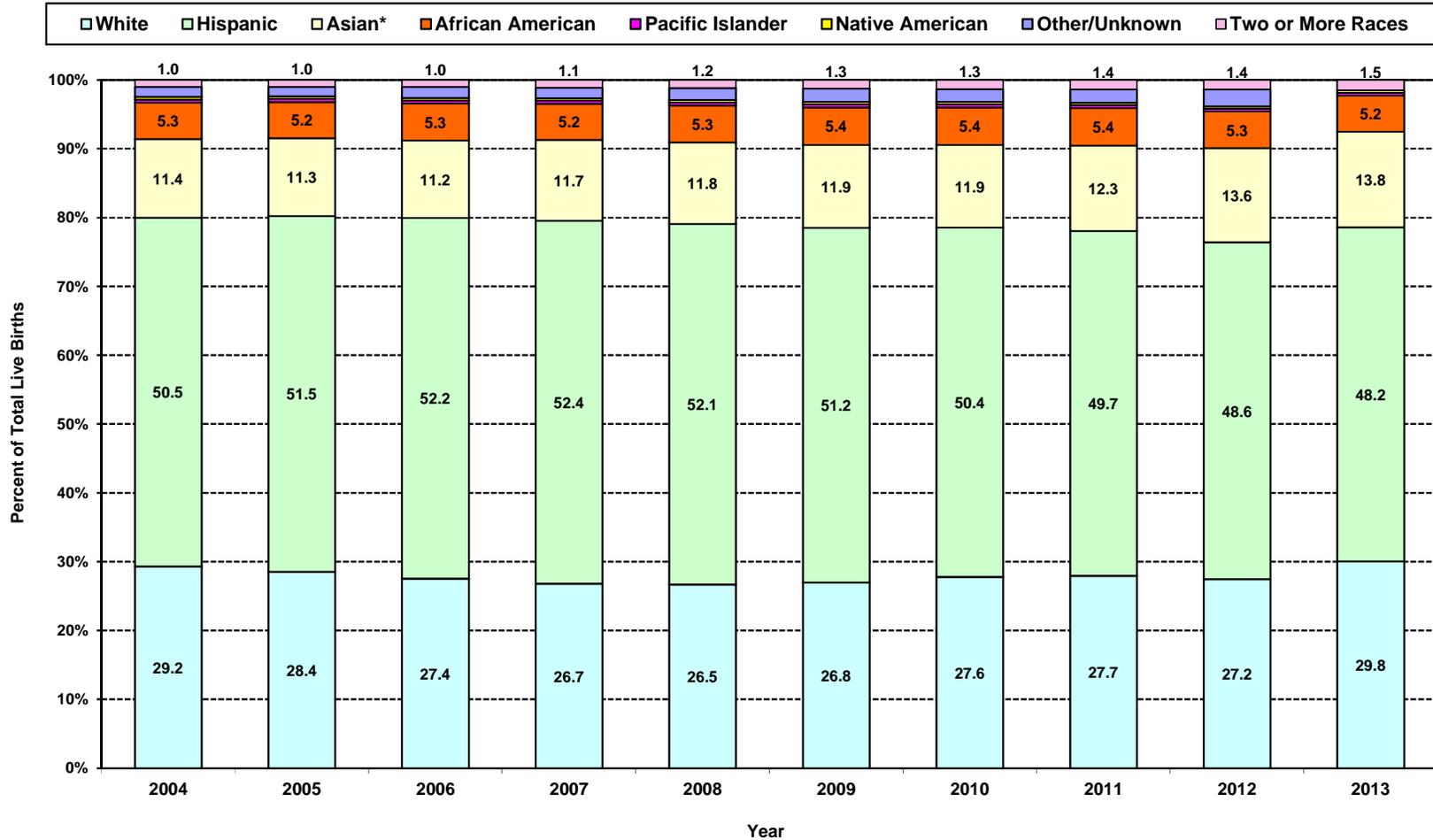
Note: Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

For 2013 CA Live Births by race white includes other/unknown.

\* Filipinos are included with Asians.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

### Percent of Total Live Births by Mother's Race/Ethnicity California, 2004-2013



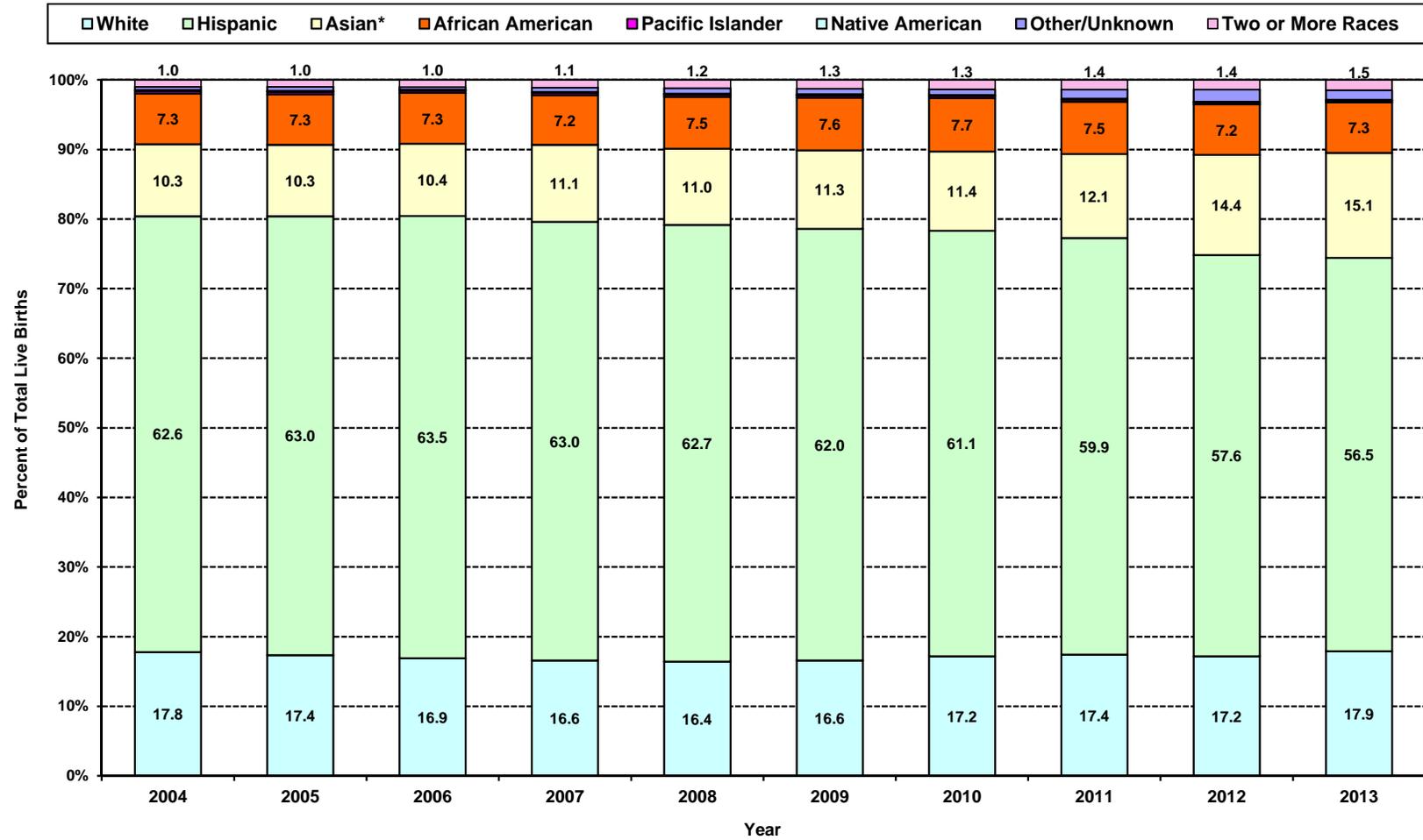
Note: Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

For 2013 CA Live Births by race white includes other/unknown.

\* Filipinos are included with Asians.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.

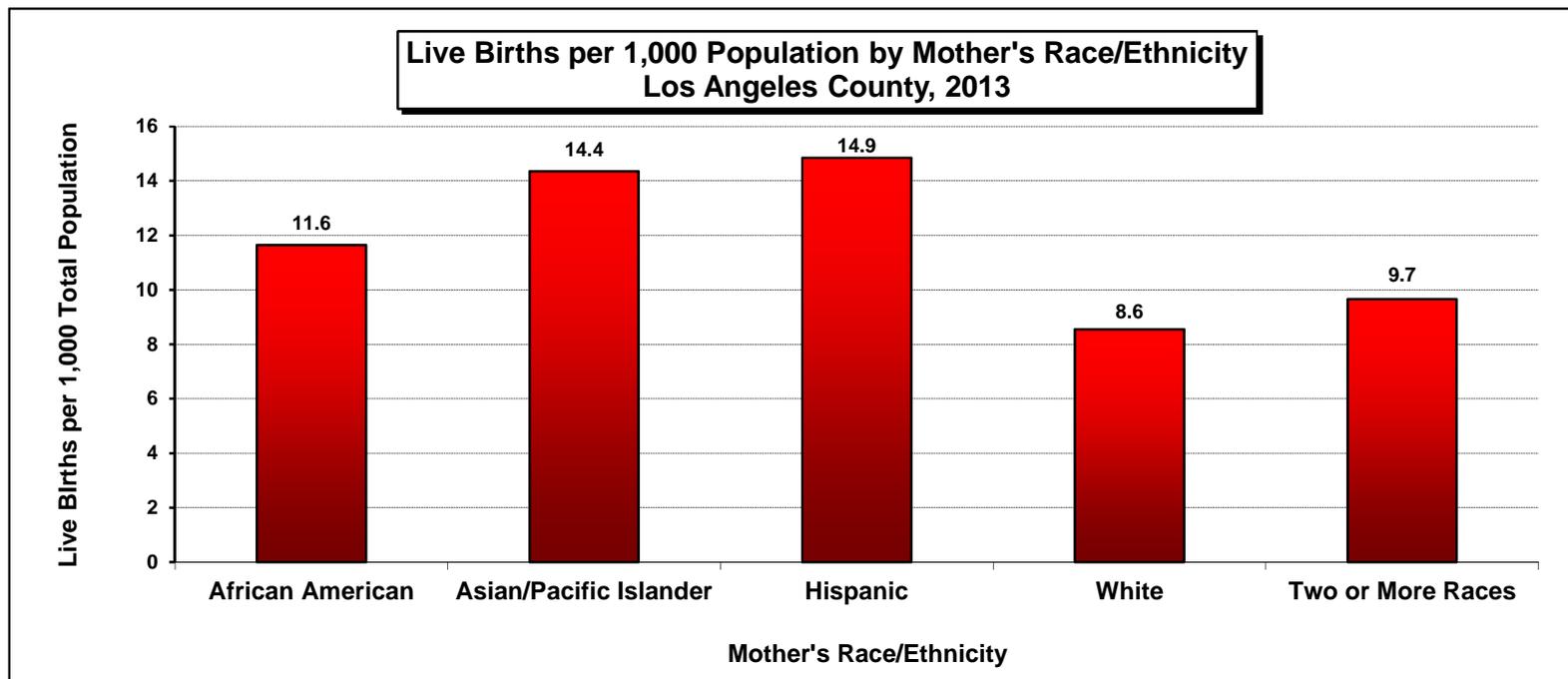
**Percent of Total Live Births by Mother's Race/Ethnicity  
Los Angeles County, 2004-2013**



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

\* Filipinos are included with Asians.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2004-2013.



Los Angeles County, 2013				
Mother's Race/Ethnicity	Live Births		95% Confidence Interval	
	Number	Rate	Lower	Upper
African American	9,319	11.6	11.4	11.9
Asian/Pacific Islander	19,720	14.4	14.2	14.6
Hispanic	72,645	14.9	14.7	15.0
Native American	159	8.0	6.8	9.3
White	23,002	8.6	8.4	8.7
Two or More Races	1,919	9.7	9.2	10.1
Other/Unknown	1,762	N/C	N/C	N/C
<b>Total</b>	<b>128,526</b>	<b>12.9</b>	<b>12.8</b>	<b>13.0</b>

Total Population
799,988
1,373,798
4,890,007
19,752
2,687,593
198,624
N/A
<b>9,969,762</b>

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

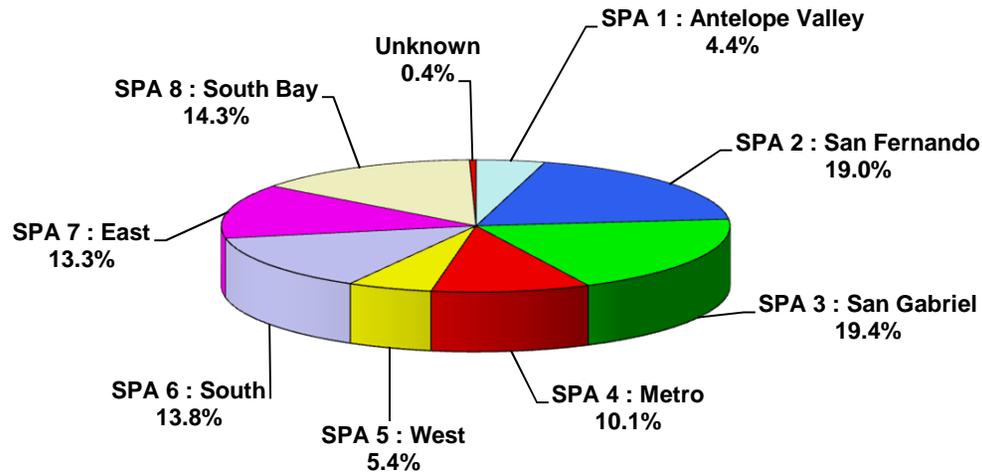
N/A=Not Available; N/C=Not Calculated

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007.

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, January 2013.

**Percent of Total Live Births by Service Planning Area (SPA)  
Los Angeles County, 2013**

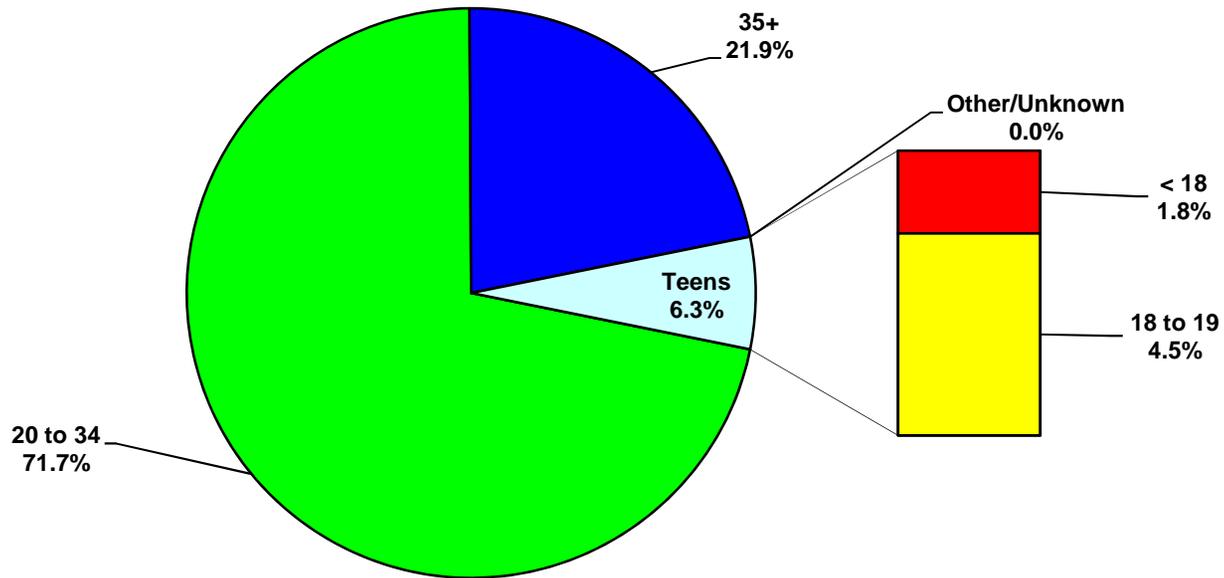


Los Angeles County, 2013				
Service Planning Area (SPA)	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
SPA 1 : Antelope Valley	5,613	4.4	4.3	4.5
SPA 2 : San Fernando	24,443	19.0	18.8	19.2
SPA 3 : San Gabriel	24,888	19.4	19.1	19.6
SPA 4 : Metro	12,942	10.1	9.9	10.2
SPA 5 : West	6,908	5.4	5.3	5.5
SPA 6 : South	17,742	13.8	13.6	14.0
SPA 7 : East	17,076	13.3	13.1	13.5
SPA 8 : South Bay	18,388	14.3	14.1	14.5
Unknown	526	0.41	0.37	0.44
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Note: The mothers' residential zip codes were used to allocate live births to corresponding SPA. SPA corresponding to each zip code (published in 2010) were designated using the zip code centroids. Published statistics based on other corresponding tables may vary when compared. Records that cannot be assigned to any SPA are classified as 'Unknown'.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

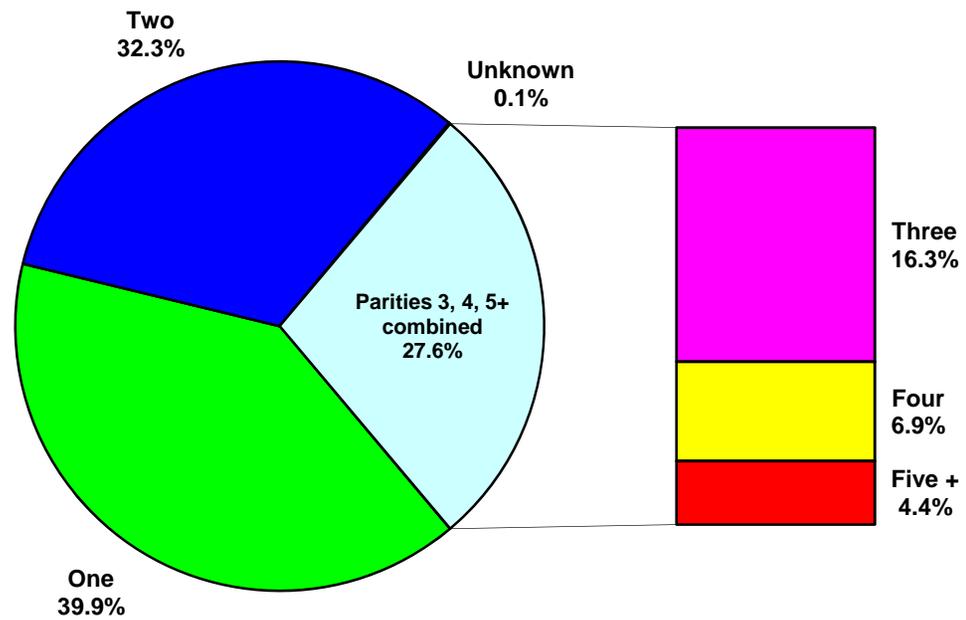
**Percent of Total Live Births by Mother's Age  
Los Angeles County, 2013**



Los Angeles County, 2013				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 18	2,365	1.8	1.8	1.9
18 to 19	5,782	4.5	4.4	4.6
20 to 34	92,205	71.7	71.5	72.0
35+	28,163	21.9	21.7	22.1
Other/Unknown	11	0.009	0.004	0.014
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births by Parity  
Los Angeles County, 2013**

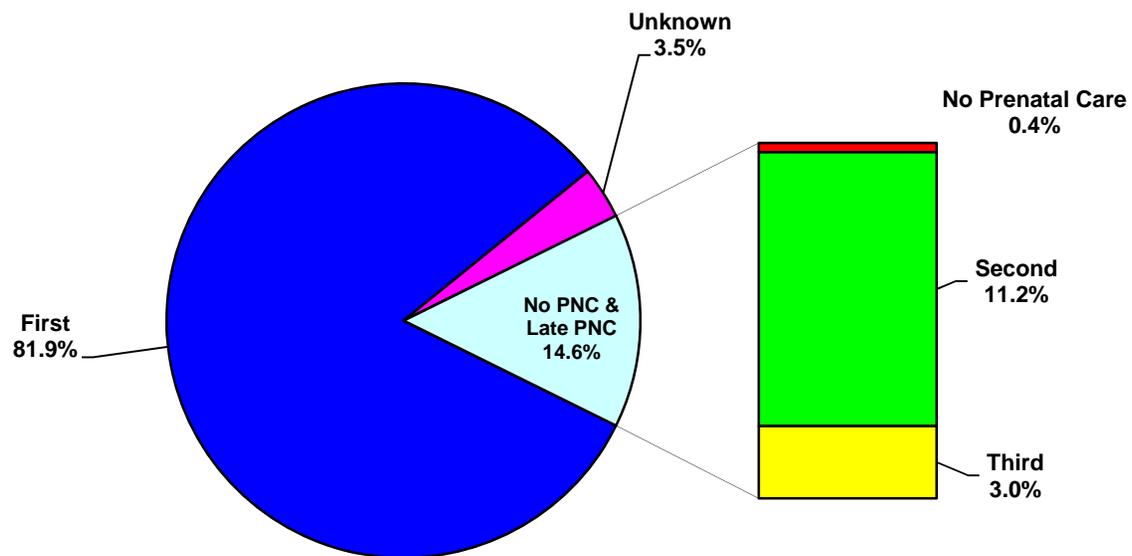


Los Angeles County, 2013				
Parity	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	51,310	39.9	39.7	40.2
2	41,474	32.3	32.0	32.5
3	21,014	16.3	16.1	16.6
4	8,914	6.9	6.8	7.1
5+	5,709	4.4	4.3	4.6
Unknown	105	0.08	0.07	0.10
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Note: 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, 2013.

**Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2013**



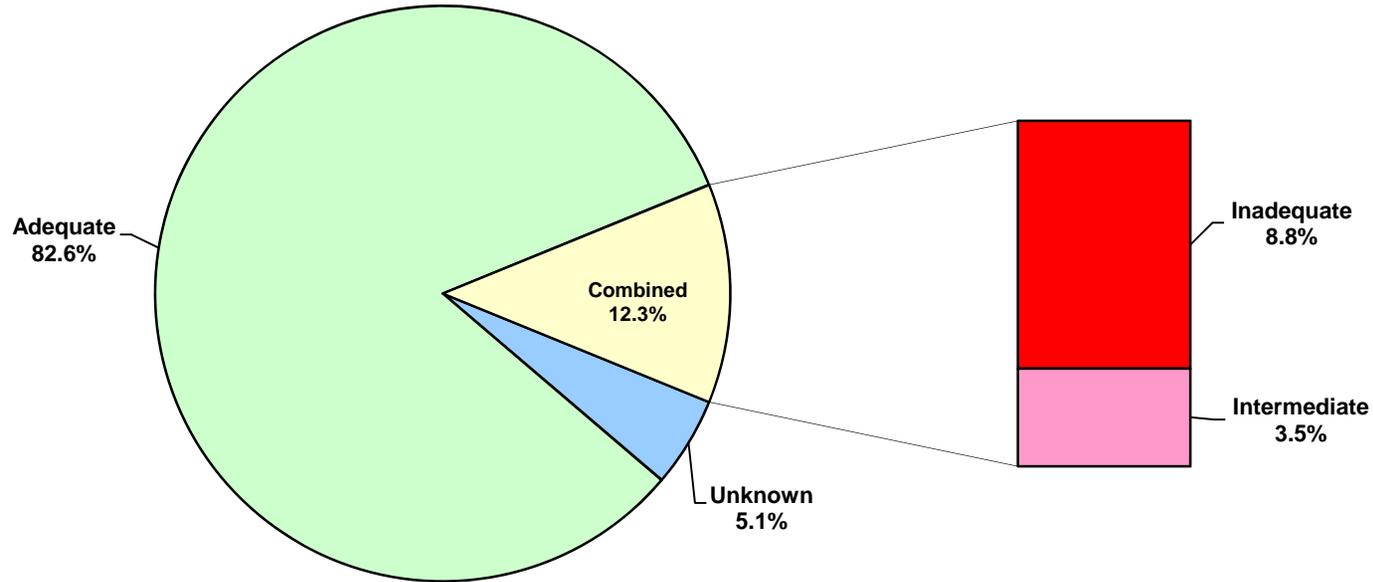
Los Angeles County, 2013				
Mother's Trimester Prenatal Care Began	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	493	0.4	0.3	0.4
First	105,259	81.9	81.7	82.1
Second	14,438	11.2	11.1	11.4
Third	3,822	3.0	2.9	3.1
Unknown	4,514	3.5	3.4	3.6
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Year 2020 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.6 percent of live births.

Note: "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, 2013.

**Percent of Total Live Births by Adequacy of Prenatal Care Utilization Index  
Los Angeles County, 2013**



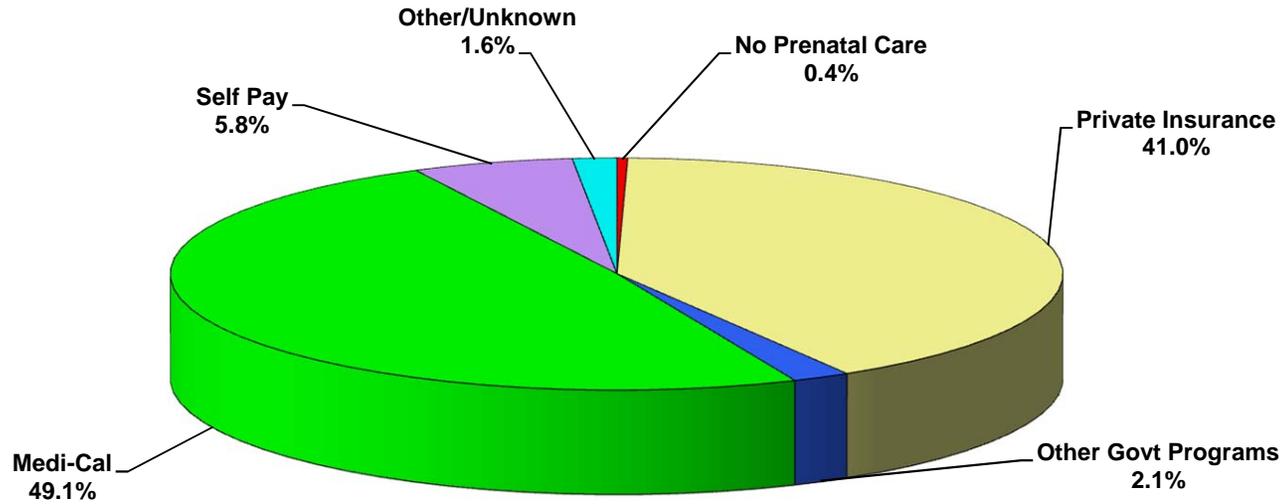
Los Angeles County, 2013				
Adequacy of Prenatal Care Utilization Index	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Adequate	106,172	82.6	82.4	82.8
Intermediate	4,478	3.5	3.4	3.6
Inadequate	11,357	8.8	8.7	9.0
Unknown	6,519	5.1	5.0	5.2
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Year 2020 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.6 percent of live births.

Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recommendations established by the American College of Obstetrics and Gynecologists (ACOG). Appendix A contains the specific criteria for timing and number of prenatal care visits that are used to assign adequacy categories.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

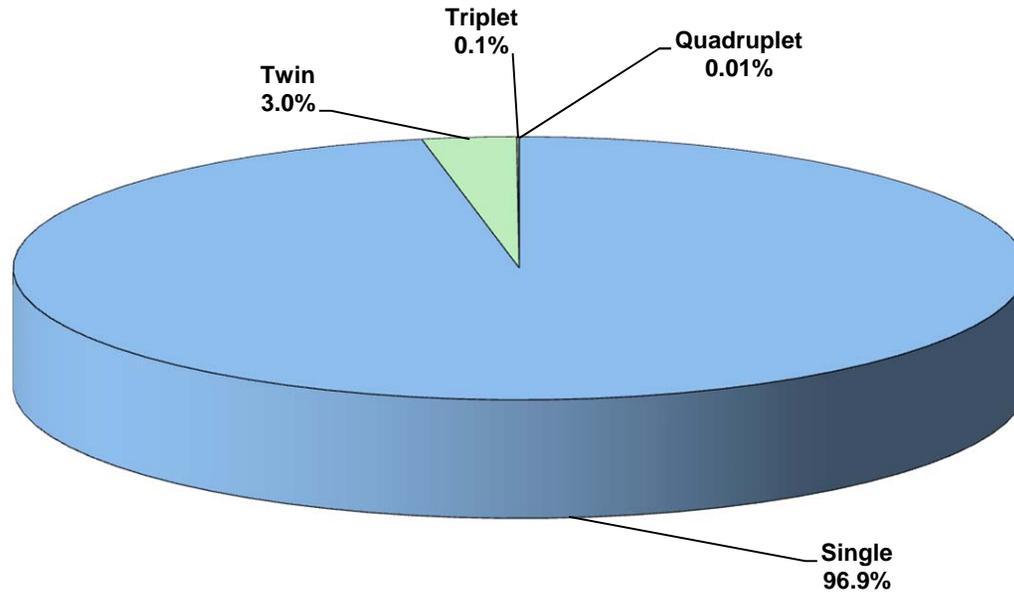
**Percent of Total Live Births by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2013**



Los Angeles County, 2013				
Source of Payment for Prenatal Care	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	493	0.4	0.3	0.4
Private Insurance	52,737	41.0	40.8	41.3
Other Govt Programs	2,675	2.1	2.0	2.2
Medi-Cal	63,052	49.1	48.8	49.3
Self Pay	7,505	5.8	5.7	6.0
Other/Unknown	2,064	1.6	1.5	1.7
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births by Type of Birth  
Los Angeles County, 2013**

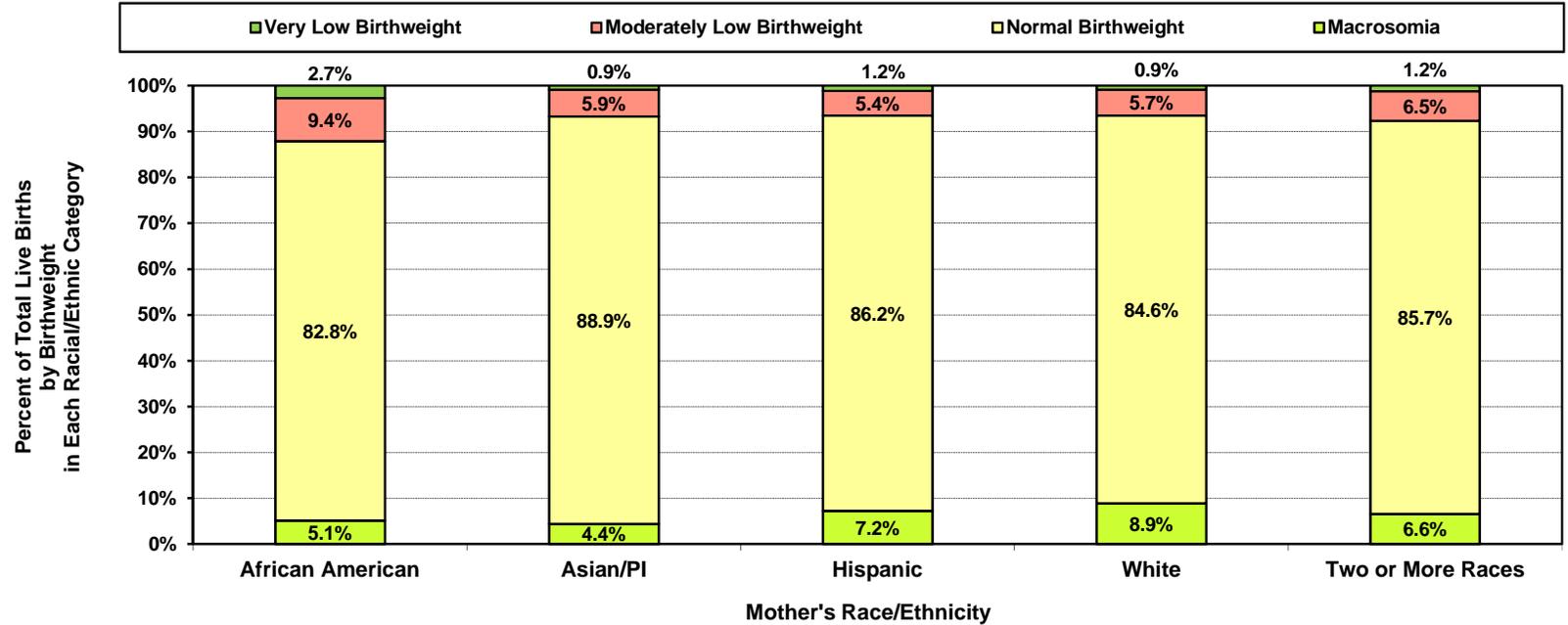


Los Angeles County, 2013				
Birth Type	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Single	124,550	96.9	96.8	97.0
Twin	3,871	3.0	2.9	3.1
Triplet	89	0.07	0.05	0.08
Quadruplet	16	0.01	0.01	0.02
<b>Total</b>	<b>128,526</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Note: 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, 2013.

**Percent of Total Live Births  
by Birthweight and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



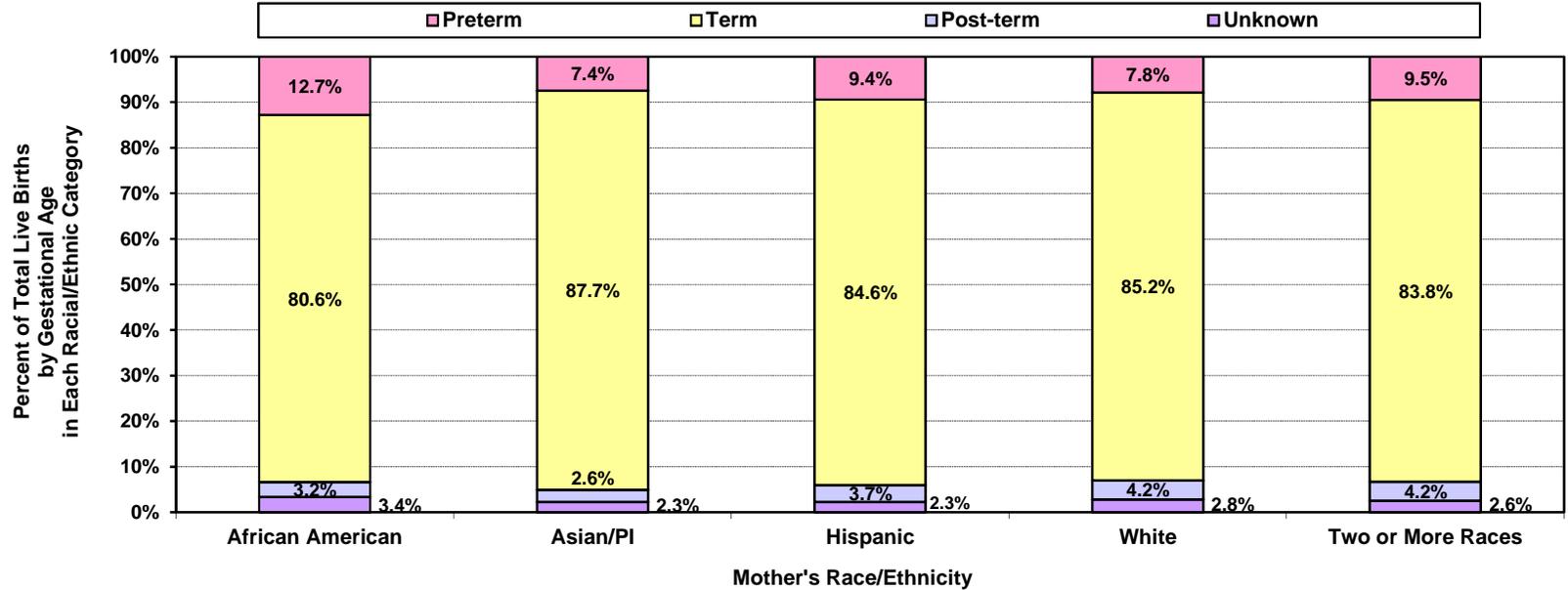
Los Angeles County, 2013								
Mother's Race/Ethnicity	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia	
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	254	2.7	875	9.4	7,713	82.8	476	5.1
Asian/PI	172	0.9	1,159	5.9	17,528	88.9	861	4.4
Hispanic	844	1.2	3,913	5.4	62,621	86.2	5,265	7.2
Native American	<5	N/C	20	12.6	123	77.4	14	8.8
White	196	0.9	1,309	5.7	19,453	84.6	2,043	8.9
Two or More Races	23	1.2	125	6.5	1,645	85.7	126	6.6
Other/Unknown	37	2.1	129	7.3	1,469	83.4	127	7.2
<b>Total</b>	<b>1,528</b>	<b>1.2</b>	<b>7,530</b>	<b>5.9</b>	<b>110,552</b>	<b>86.0</b>	<b>8,912</b>	<b>6.9</b>

Total Live Births
9,318
19,720
72,643
159
23,001
1,919
1,762
<b>128,522</b>

Note: 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.  
 Live births missing birthweight are excluded from this analysis (missing = 4).

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births  
by Gestational Age and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



Los Angeles County, 2013											
Mother's Race/Ethnicity	Very Preterm		Moderately Preterm		Term		Post-term		Gestational Age Unknown		Total Live Births
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	263	2.8	926	9.9	7,514	80.6	302	3.2	314	3.4	9,319
Asian/PI	179	0.9	1,286	6.5	17,286	87.7	517	2.6	452	2.3	19,720
Hispanic	975	1.3	5,863	8.1	61,492	84.6	2,680	3.7	1,635	2.3	72,645
Native American	<5	N/C	22	13.8	117	73.6	9	5.7	7	4.4	159
White	217	0.9	1,584	6.9	19,591	85.2	959	4.2	651	2.8	23,002
Two or More Races	29	1.5	153	8.0	1,608	83.8	80	4.2	49	2.6	1,919
Other/Unknown	44	2.5	143	8.1	1,441	81.8	61	3.5	73	4.1	1,762
<b>Total</b>	<b>1,711</b>	<b>1.3</b>	<b>9,977</b>	<b>7.8</b>	<b>109,049</b>	<b>84.8</b>	<b>4,608</b>	<b>3.6</b>	<b>3,181</b>	<b>2.5</b>	<b>128,526</b>

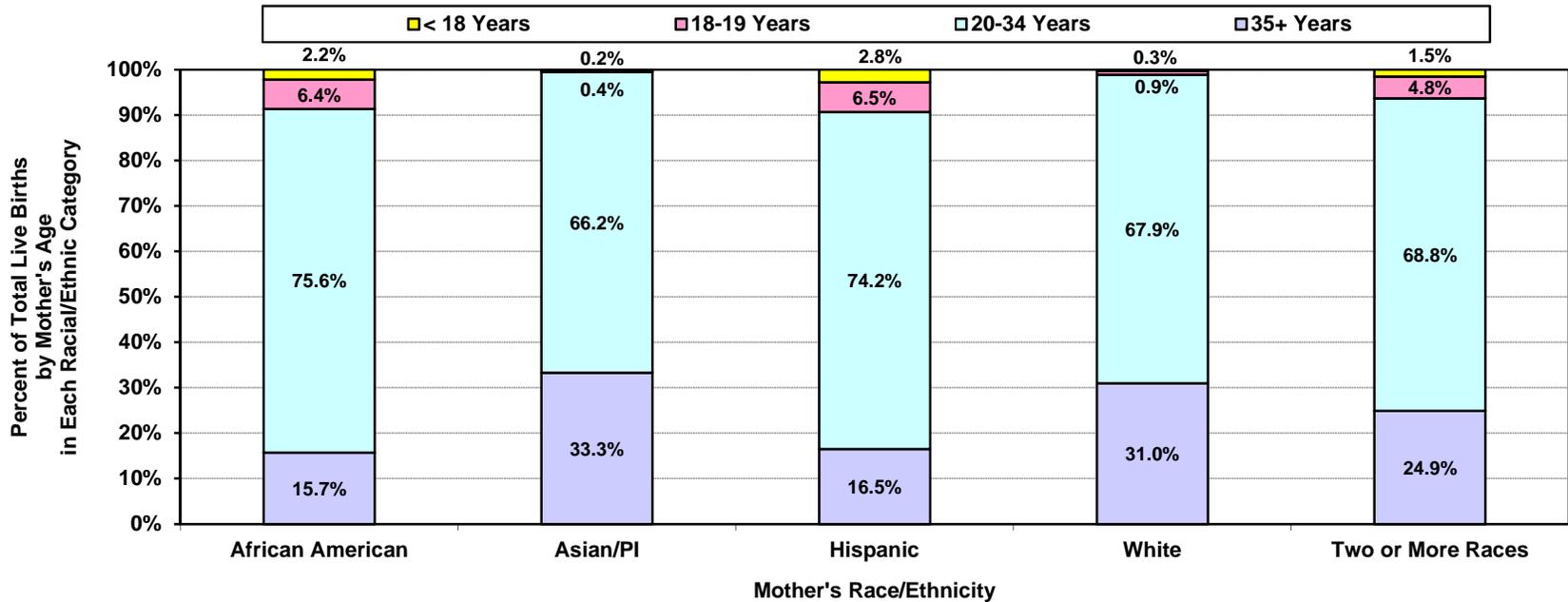
Note: Unknown includes those weeks of gestation not stated, less than 17 weeks of gestation, and 53 weeks or more gestation. These categories reflect inaccuracies rather than actual gestation periods. Gestation is calculated from reported date of last menses.

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

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, 2013.

**Percent of Total Live Births  
by Mother's Age and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



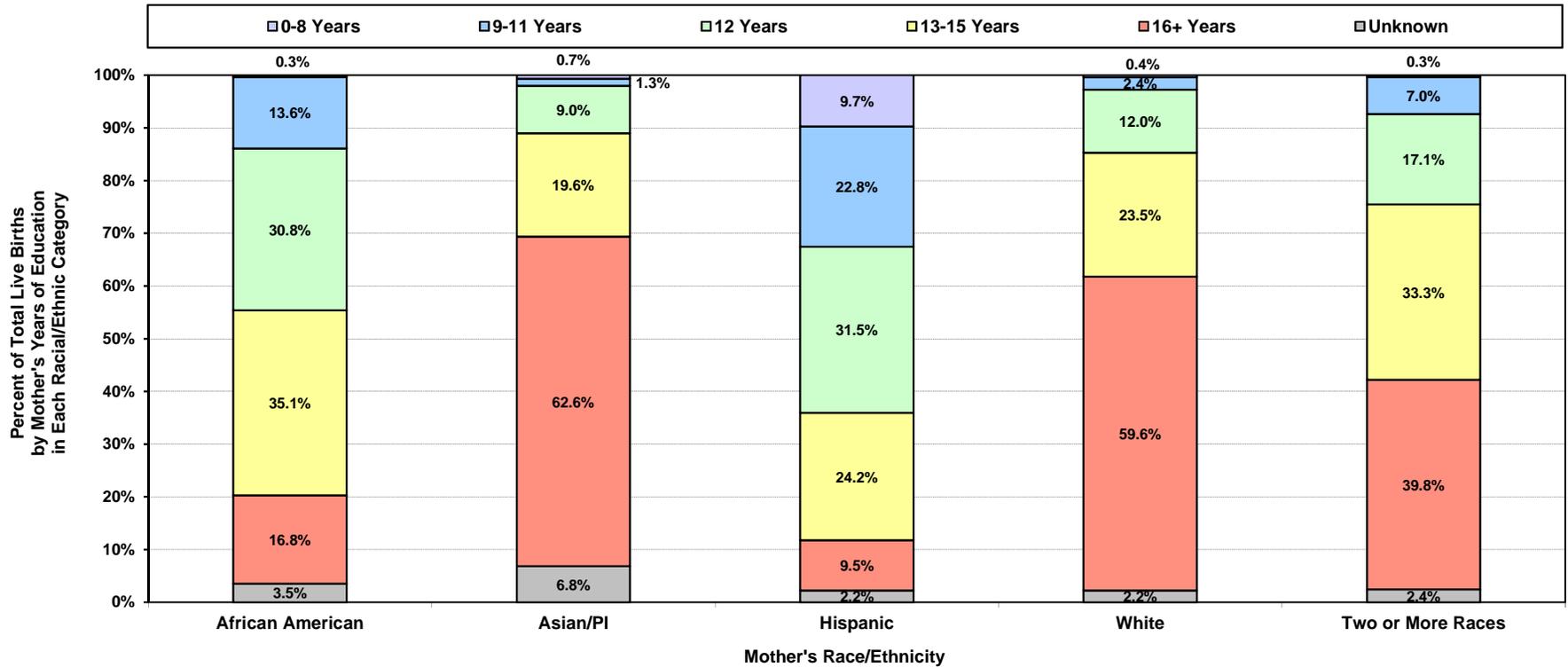
Los Angeles County, 2013											
Mother's Race/Ethnicity	Mother's Age										Total Live Births
	< 18		18 - 19		20 - 34		35+		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	205	2.2	600	6.4	7,049	75.6	1,465	15.7	<5	N/C	9,319
Asian/PI	32	0.2	76	0.4	13,046	66.2	6,566	33.3	<5	N/C	19,720
Hispanic	2,021	2.8	4,745	6.5	53,892	74.2	11,987	16.5	<5	N/C	72,645
Native American	<5	N/C	6	3.8	124	78.0	28	17.6	<5	N/C	159
White	58	0.3	203	0.9	15,621	67.9	7,120	31.0	<5	N/C	23,002
Two or More Races	29	1.5	92	4.8	1,321	68.8	477	24.9	<5	N/C	1,919
Other/Unknown	19	1.1	60	3.4	1,152	65.4	520	29.5	11	0.6	1,762
<b>Total</b>	<b>2,365</b>	<b>1.8</b>	<b>5,782</b>	<b>4.5</b>	<b>92,205</b>	<b>71.7</b>	<b>28,163</b>	<b>21.9</b>	<b>11</b>	<b>0.0</b>	<b>128,526</b>

Note: 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, 2013.

**Percent of Total Live Births  
by Mother's Years of Education and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



Los Angeles County, 2013												
Mother's Race/Ethnicity	Mother's Years of Education											
	0 to 8		9 to 11		12		13 to 15		16+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	30	0.3	1,263	13.6	2,866	30.8	3,269	35.1	1,564	16.8	327	3.5
Asian/PI	135	0.7	255	1.3	1,776	9.0	3,874	19.6	12,337	62.6	1,343	6.8
Hispanic	7,071	9.7	16,575	22.8	22,878	31.5	17,568	24.2	6,936	9.5	1,617	2.2
Native American	<5	N/C	20	12.6	48	30.2	53	33.3	32	20.1	<5	N/C
White	87	0.4	544	2.4	2,749	12.0	5,411	23.5	13,699	59.6	512	2.2
Two or More Races	6	0.3	135	7.0	329	17.1	639	33.3	763	39.8	47	2.4
Other/Unknown	13	0.7	41	2.3	80	4.5	118	6.7	183	10.4	1,327	75.3
<b>Total</b>	<b>7,345</b>	<b>5.7</b>	<b>18,833</b>	<b>14.7</b>	<b>30,726</b>	<b>23.9</b>	<b>30,932</b>	<b>24.1</b>	<b>35,514</b>	<b>27.6</b>	<b>5,176</b>	<b>4.0</b>

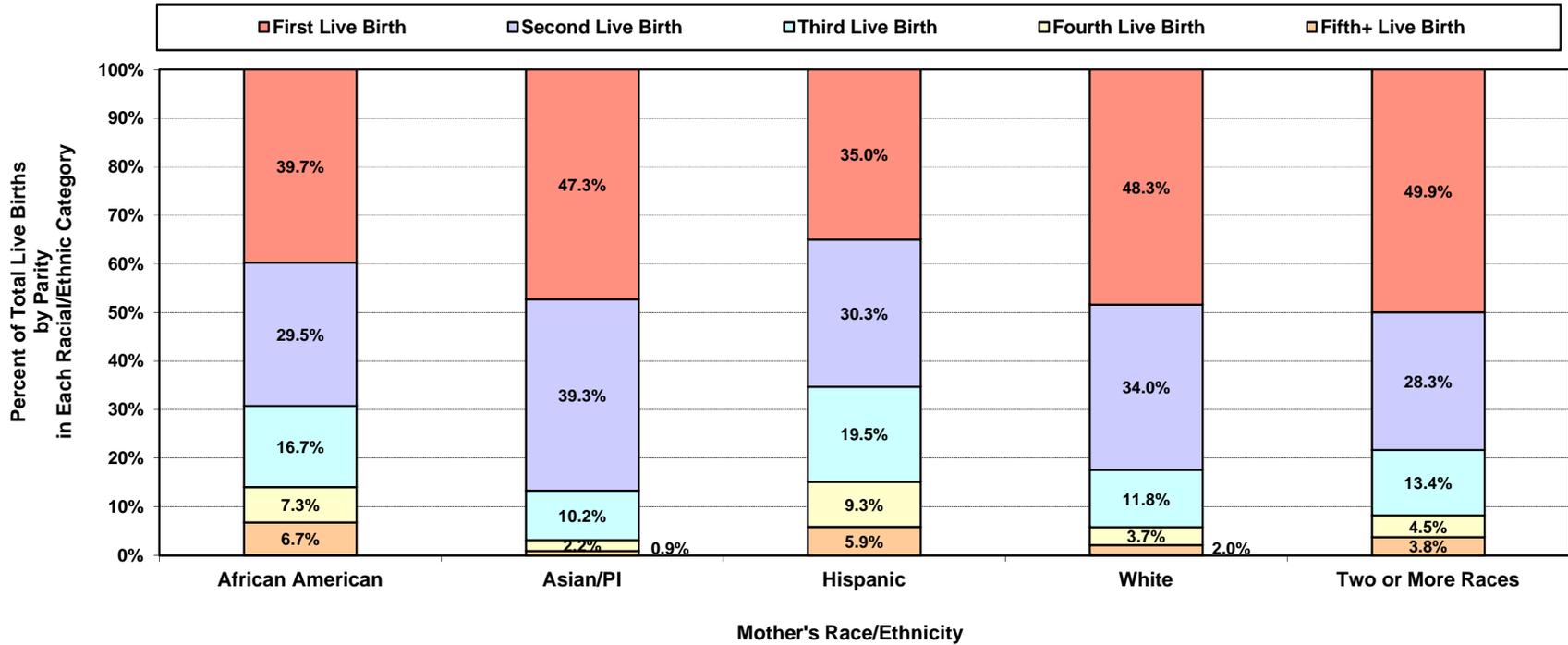
Total Live Births
9,319
19,720
72,645
159
23,002
1,919
1,762
<b>128,526</b>

Note: 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, 2013.

**Percent of Total Live Births  
by Parity and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



Los Angeles County, 2013												
Mother's Race/Ethnicity	Parity											
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	3,700	39.7	2,750	29.5	1,556	16.7	679	7.3	627	6.7	7	0.1
Asian/PI	9,324	47.3	7,757	39.3	2,014	10.2	435	2.2	184	0.9	6	0.0
Hispanic	25,396	35.0	22,023	30.3	14,188	19.5	6,752	9.3	4,269	5.9	17	0.0
Native American	46	28.9	50	31.4	33	20.8	17	10.7	12	7.5	<5	N/C
White	11,118	48.3	7,825	34.0	2,717	11.8	840	3.7	467	2.0	35	0.2
Two or More Races	958	49.9	544	28.3	258	13.4	86	4.5	72	3.8	<5	N/C
Other/Unknown	768	43.6	525	29.8	248	14.1	105	6.0	78	4.4	38	2.2
<b>Total</b>	<b>51,310</b>	<b>39.9</b>	<b>41,474</b>	<b>32.3</b>	<b>21,014</b>	<b>16.3</b>	<b>8,914</b>	<b>6.9</b>	<b>5,709</b>	<b>4.4</b>	<b>105</b>	<b>0.1</b>

Total Live Births
9,319
19,720
72,645
159
23,002
1,919
1,762
<b>128,526</b>

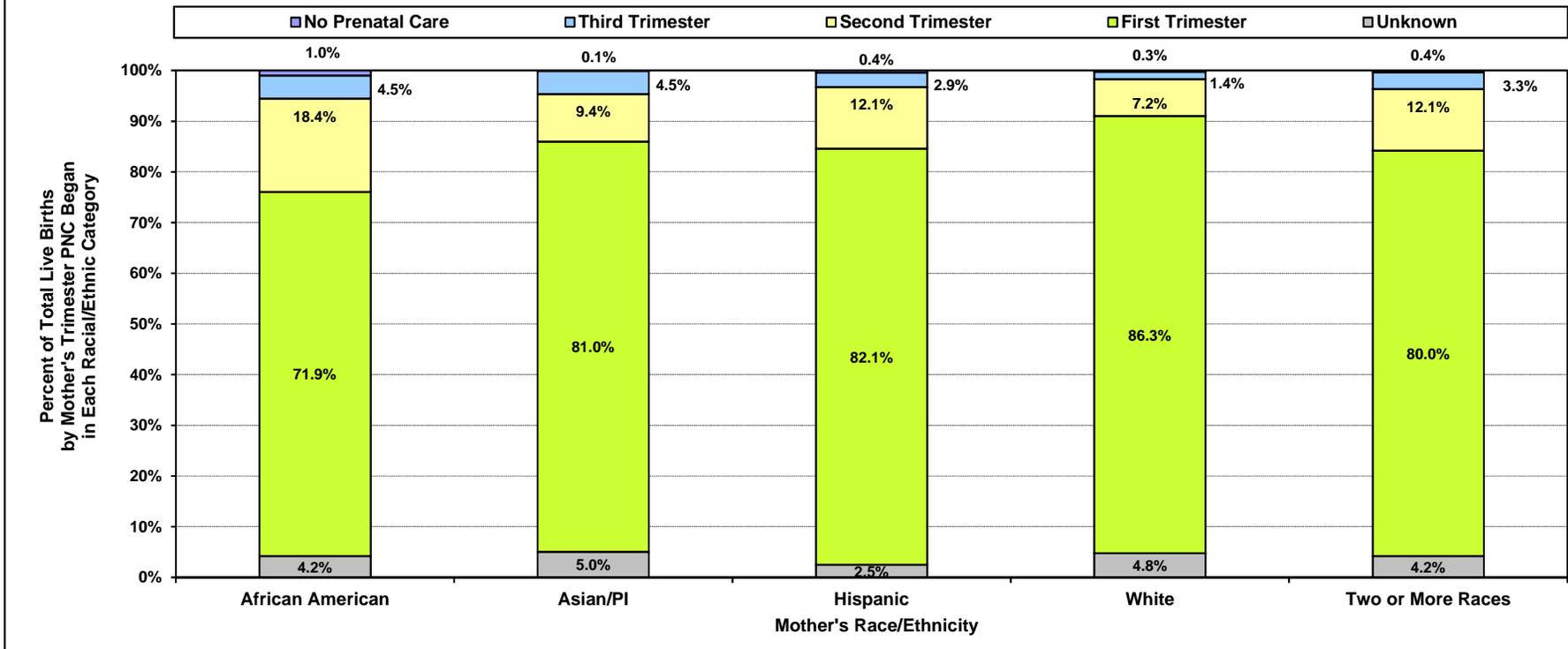
Note: Parity = number of pregnancies resulting in live births to a woman.

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, 2013.

**Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



Los Angeles County, 2013										
Mother's Race/Ethnicity	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown	
			First		Second		Third			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	92	1.0	6,699	71.9	1,715	18.4	423	4.5	390	4.2
Asian/PI	21	0.1	15,965	81.0	1,848	9.4	892	4.5	994	5.0
Hispanic	295	0.4	59,677	82.1	8,816	12.1	2,076	2.9	1,781	2.5
Native American	<5	N/C	119	74.8	26	16.4	<5	N/C	<5	N/C
White	60	0.3	19,850	86.3	1,663	7.2	332	1.4	1,097	4.8
Two or More Races	7	0.4	1,535	80.0	233	12.1	63	3.3	81	4.2
Other/Unknown	17	1.0	1,414	80.2	137	7.8	27	1.5	167	9.5
<b>Total</b>	<b>493</b>	<b>0.4</b>	<b>105,259</b>	<b>81.9</b>	<b>14,438</b>	<b>11.2</b>	<b>3,822</b>	<b>3.0</b>	<b>4,514</b>	<b>3.5</b>

Total Live Births
9,319
19,720
72,645
159
23,002
1,919
1,762
<b>128,526</b>

Year 2020 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.6 percent of live births.

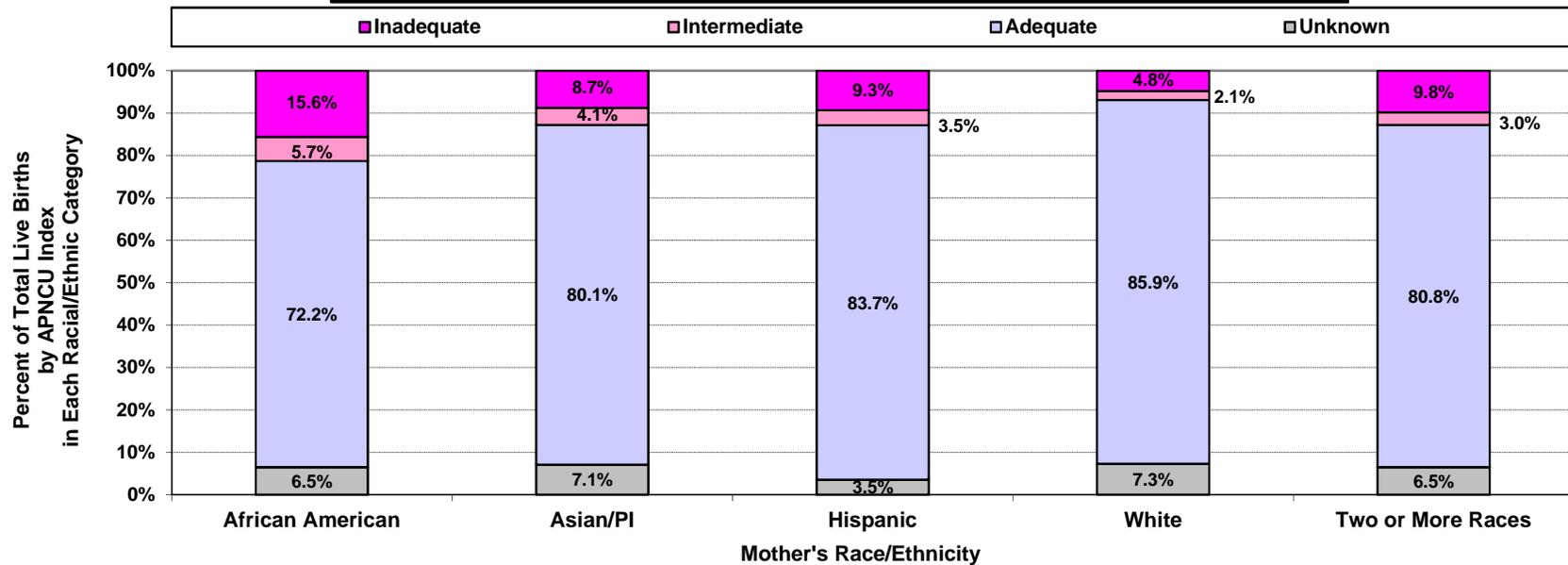
Note: "Trimester Prenatal Care (PNC) Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

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, 2013.

**Percent of Total Live Births  
by Adequacy of Prenatal Care Utilization Index and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



Los Angeles County, 2013								
Mother's Race/Ethnicity	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	6,727	72.2	532	5.7	1,454	15.6	606	6.5
Asian/PI	15,804	80.1	804	4.1	1,718	8.7	1,394	7.1
Hispanic	60,789	83.7	2,562	3.5	6,765	9.3	2,529	3.5
Native American	119	74.8	10	6.3	26	16.4	4	2.5
White	19,753	85.9	483	2.1	1,097	4.8	1,669	7.3
Two or More Races	1,550	80.8	57	3.0	188	9.8	124	6.5
Other/Unknown	1,430	81.2	30	1.7	109	6.2	193	11.0
<b>Total</b>	<b>106,172</b>	<b>82.6</b>	<b>4,478</b>	<b>3.5</b>	<b>11,357</b>	<b>8.8</b>	<b>6,519</b>	<b>5.1</b>

Total Live Births
9,319
19,720
72,645
159
23,002
1,919
1,762
<b>128,526</b>

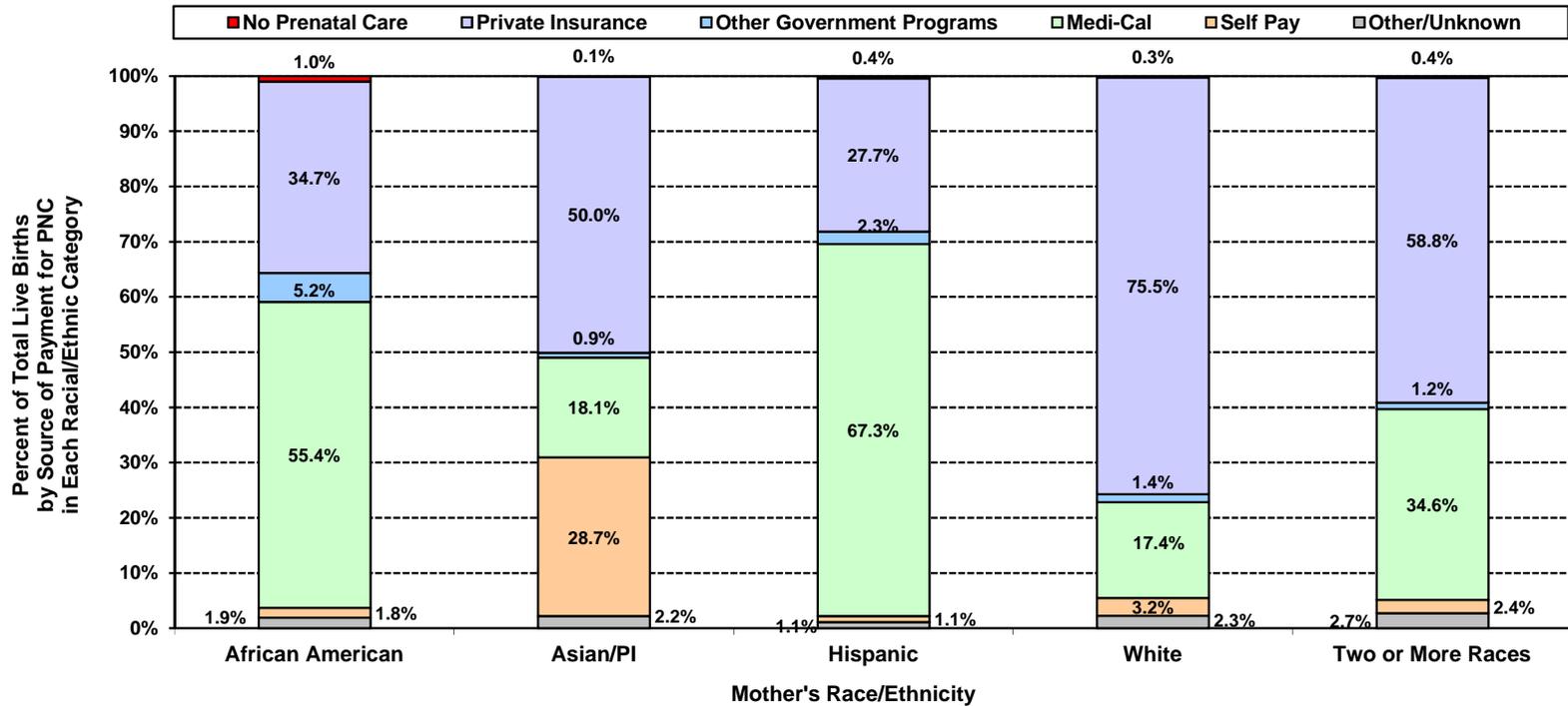
Year 2020 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.6 percent of live births.

Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recommendations established by the American College of Obstetrics and Gynecologists (ACOG). Appendix A contains the specific criteria for timing and number of prenatal care visits that are used to assign adequacy categories.

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, 2013.

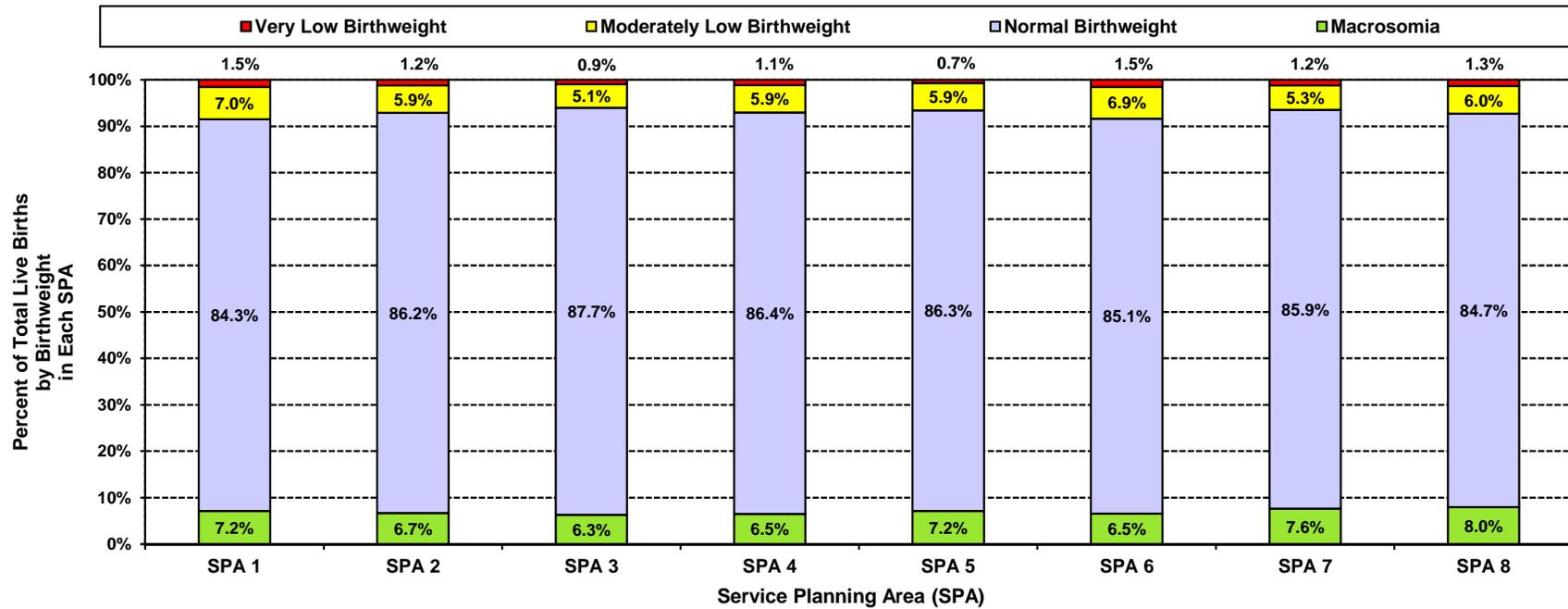
**Percent of Total Live Births  
by Source of Payment for Prenatal Care (PNC) and by Mother's Race/Ethnicity  
Los Angeles County, 2013**



Los Angeles County, 2013													Total Live Births
Mother's Race/Ethnicity	Source of Payment for Prenatal Care												
	No Prenatal Care		Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	92	1.0	3,233	34.7	486	5.2	5,161	55.4	169	1.8	178	1.9	9,319
Asian/PI	21	0.1	9,860	50.0	168	0.9	3,575	18.1	5,660	28.7	436	2.2	19,720
Hispanic	295	0.4	20,155	27.7	1,657	2.3	48,922	67.3	829	1.1	787	1.1	72,645
Native American	<5	N/C	65	40.9	<5	N/C	82	51.6	7	4.4	<5	N/C	159
White	60	0.3	17,360	75.5	329	1.4	3,995	17.4	739	3.2	519	2.3	23,002
Two or More Races	7	0.4	1,123	58.8	22	1.2	660	34.6	46	2.4	52	2.7	1,910
Other/Unknown	17	1.0	941	53.4	10	0.6	657	37.3	46	2.6	91	5.2	1,762
<b>Total</b>	<b>493</b>	<b>0.4</b>	<b>52,737</b>	<b>41.0</b>	<b>2,675</b>	<b>2.1</b>	<b>63,052</b>	<b>49.1</b>	<b>7,496</b>	<b>5.8</b>	<b>2,064</b>	<b>1.6</b>	<b>128,517</b>

Note: 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, 2013.

**Percent of Total Live Births  
by Birthweight and by Service Planning Area (SPA)  
Los Angeles County, 2013**



Los Angeles County, 2013									
Service Planning Area (SPA)	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
1 - Antelope Valley	86	1.5	391	7.0	4,734	84.3	402	7.2	5,613
2 - San Fernando	291	1.2	1,438	5.9	21,082	86.2	1,632	6.7	24,443
3 - San Gabriel	233	0.9	1,258	5.1	21,825	87.7	1,571	6.3	24,887
4 - Metro	146	1.1	768	5.9	11,183	86.4	845	6.5	12,942
5 - West	46	0.7	409	5.9	5,959	86.3	494	7.2	6,908
6 - South	265	1.5	1,222	6.9	15,093	85.1	1,162	6.5	17,742
7 - East	201	1.2	906	5.3	14,667	85.9	1,302	7.6	17,076
8 - South Bay	248	1.3	1,095	6.0	15,575	84.7	1,467	8.0	18,385
Unknown	12	2.3	43	8.2	434	82.5	37	7.0	526
<b>Total</b>	<b>1,528</b>	<b>1.2</b>	<b>7,530</b>	<b>5.9</b>	<b>110,552</b>	<b>86.0</b>	<b>8,912</b>	<b>6.9</b>	<b>128,522</b>

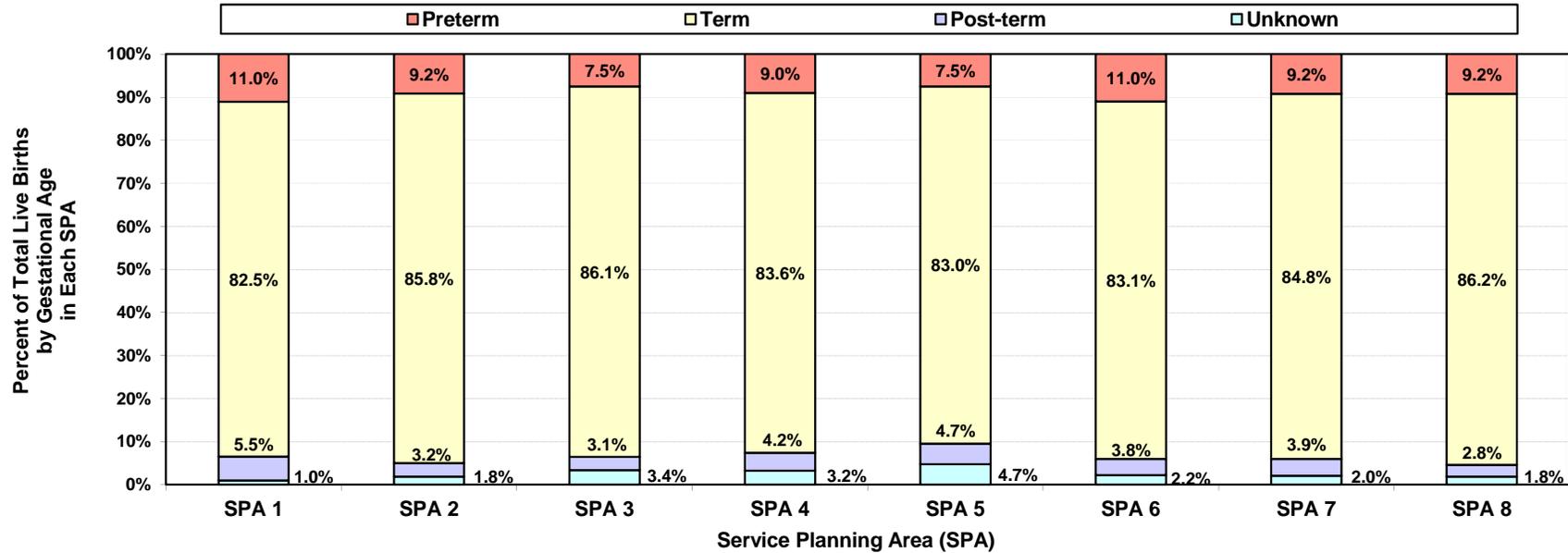
Total Live Births
5,613
24,443
24,887
12,942
6,908
17,742
17,076
18,385
526
<b>128,522</b>

Note: The mothers' residential zip codes were used to allocate live births to corresponding SPA. SPA corresponding to each zip code (published in 2003) were designated using the zip code centroids. Published statistics based on other corresponding tables may vary when compared. Records that cannot be assigned to any SPA are classified as 'Unknown'.

Live births missing birthweight are excluded from this analysis (missing = 4).

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births  
by Gestational Age and by Service Planning Area (SPA)  
Los Angeles County, 2013**



Los Angeles County, 2013										
Service Planning Area (SPA)	Very Preterm		Moderate Preterm		Term		Post-term		Gestational Age Unknown	
	< 32 weeks		32-36 weeks		37-41 weeks		42+ weeks			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1 - Antelope Valley	108	1.9	512	9.1	4,629	82.5	309	5.5	55	1.0
2 - San Fernando	307	1.3	1,933	7.9	20,978	85.8	775	3.2	450	1.8
3 - San Gabriel	232	0.9	1,633	6.6	21,418	86.1	770	3.1	835	3.4
4 - Metro	166	1.3	995	7.7	10,821	83.6	548	4.2	412	3.2
5 - West	53	0.8	465	6.7	5,735	83.0	328	4.7	327	4.7
6 - South	316	1.8	1,629	9.2	14,737	83.1	675	3.8	385	2.2
7 - East	229	1.3	1,343	7.9	14,488	84.8	672	3.9	344	2.0
8 - South Bay	291	1.6	1,400	7.6	15,849	86.2	513	2.8	335	1.8
Unknown	9	1.7	67	12.7	394	74.9	18	3.4	38	7.2
<b>Total</b>	<b>1,711</b>	<b>1.3</b>	<b>9,977</b>	<b>7.8</b>	<b>109,049</b>	<b>84.8</b>	<b>4,608</b>	<b>3.6</b>	<b>3,181</b>	<b>2.5</b>

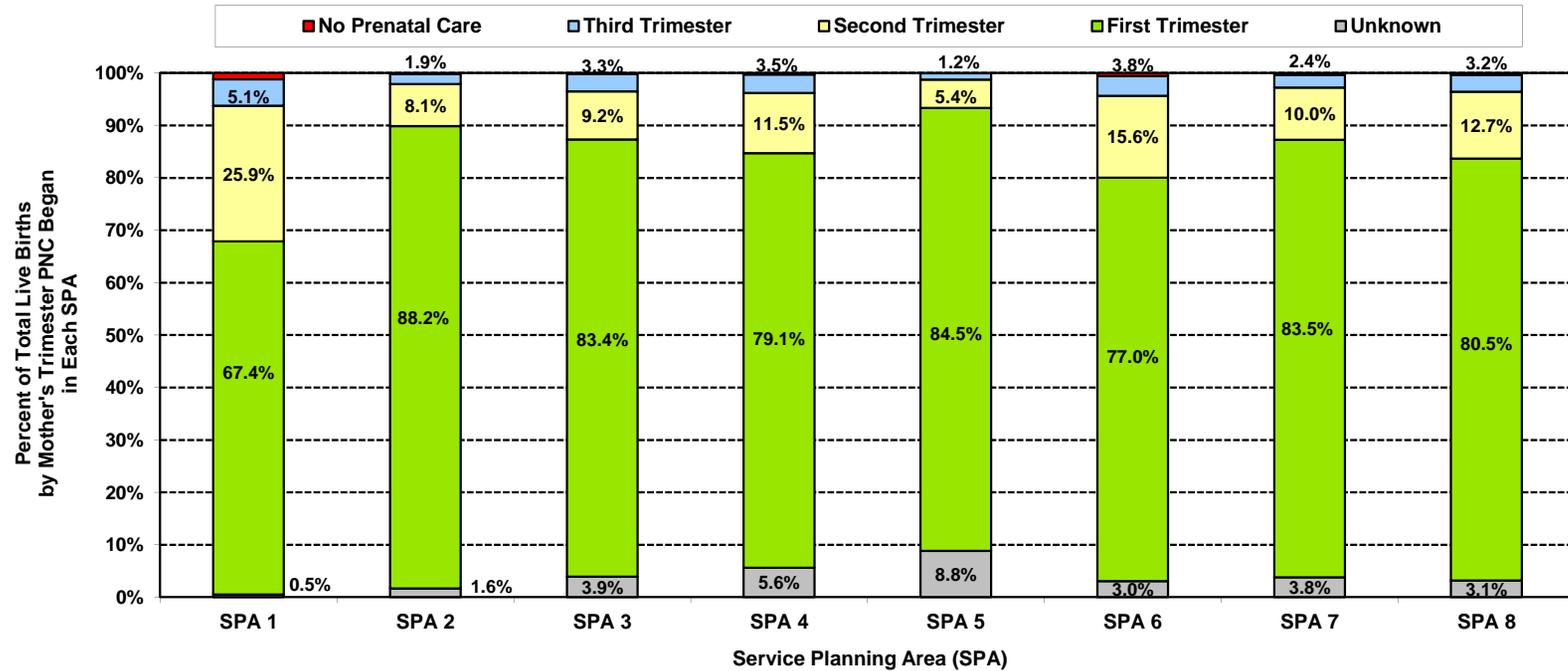
Total Live Births
5,613
24,443
24,888
12,942
6,908
17,742
17,076
18,388
526
<b>128,526</b>

Note: Unknown includes those weeks of gestation not stated, less than 17 weeks of gestation, and 53 weeks or more gestation. These categories reflect inaccuracies rather than actual gestation periods. Gestation is calculated from reported date of last menses.

The mothers' residential zip codes were used to allocate live births to corresponding SPA. SPA corresponding to each zip code (published in 2003) were designated using the zip code centroids. Published statistics based on other corresponding tables may vary when compared. Records that cannot be assigned to any SPA are classified as 'Unknown'.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began and by Service Planning Area (SPA)  
Los Angeles County, 2013**

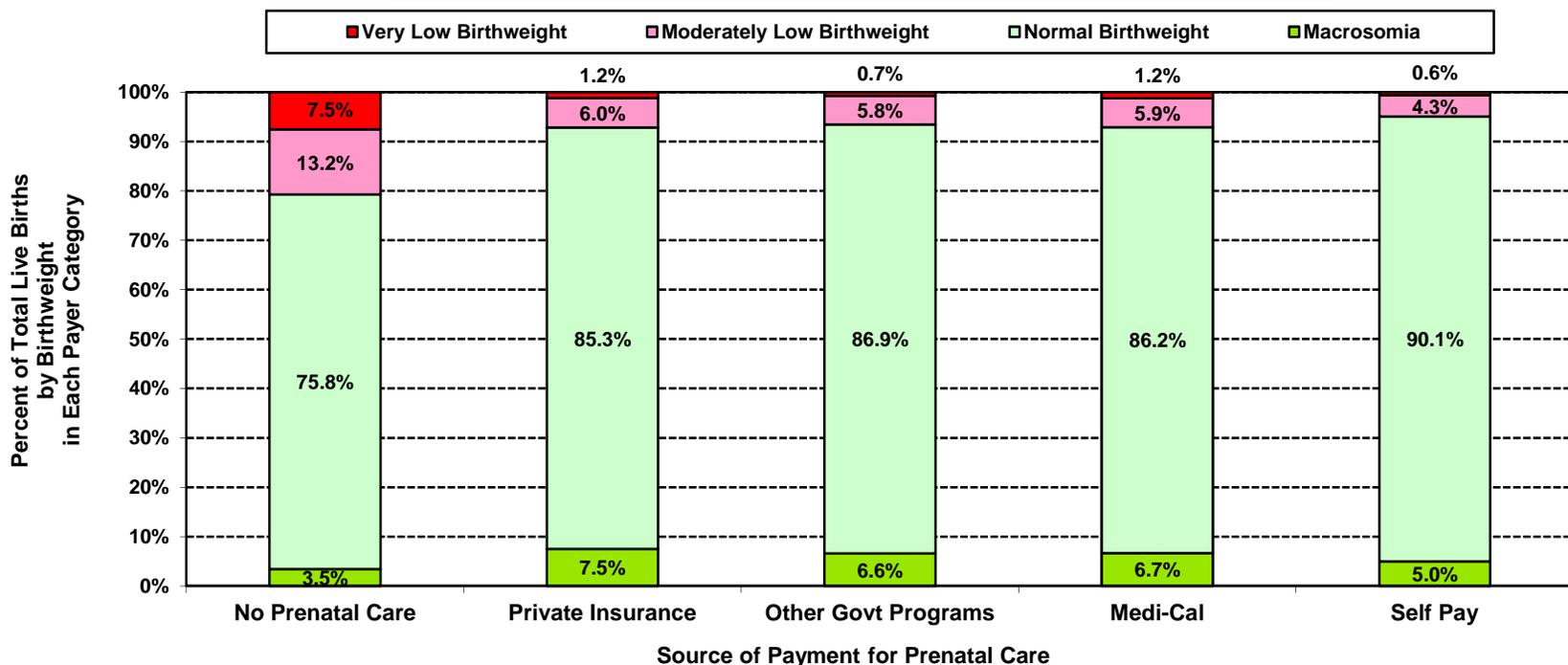


Los Angeles County, 2013											
Service Planning Area (SPA)	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
1 - Antelope Valley	68	1.2	3,781	67.4	1,451	25.9	285	5.1	28	0.5	5,613
2 - San Fernando	62	0.3	21,559	88.2	1,971	8.1	456	1.9	395	1.6	24,443
3 - San Gabriel	55	0.2	20,763	83.4	2,285	9.2	824	3.3	961	3.9	24,888
4 - Metro	40	0.3	10,235	79.1	1,491	11.5	453	3.5	723	5.6	12,942
5 - West	5	0.1	5,840	84.5	371	5.4	85	1.2	607	8.8	6,908
6 - South	105	0.6	13,660	77.0	2,766	15.6	673	3.8	538	3.0	17,742
7 - East	60	0.4	14,257	83.5	1,702	10.0	415	2.4	642	3.8	17,076
8 - South Bay	74	0.4	14,807	80.5	2,338	12.7	592	3.2	577	3.1	18,388
Unknown	24	4.6	357	67.9	63	12.0	39	7.4	43	8.2	526
<b>Total</b>	<b>493</b>	<b>0.4</b>	<b>105,259</b>	<b>81.9</b>	<b>14,438</b>	<b>11.2</b>	<b>3,822</b>	<b>3.0</b>	<b>4,514</b>	<b>3.5</b>	<b>128,526</b>

Note: "Trimester Prenatal Care (PNC) Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth. The mothers' residential zip codes were used to allocate live births to corresponding SPA. SPA corresponding to each zip code (published in 2003) were designated using the zip code centroids. Published statistics based on other corresponding tables may vary when compared. Records that cannot be assigned to any SPA are classified as 'Unknown'.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

### Percent of Total Live Births by Birthweight and by Source of Payment for Prenatal Care (PNC) Los Angeles County, 2013

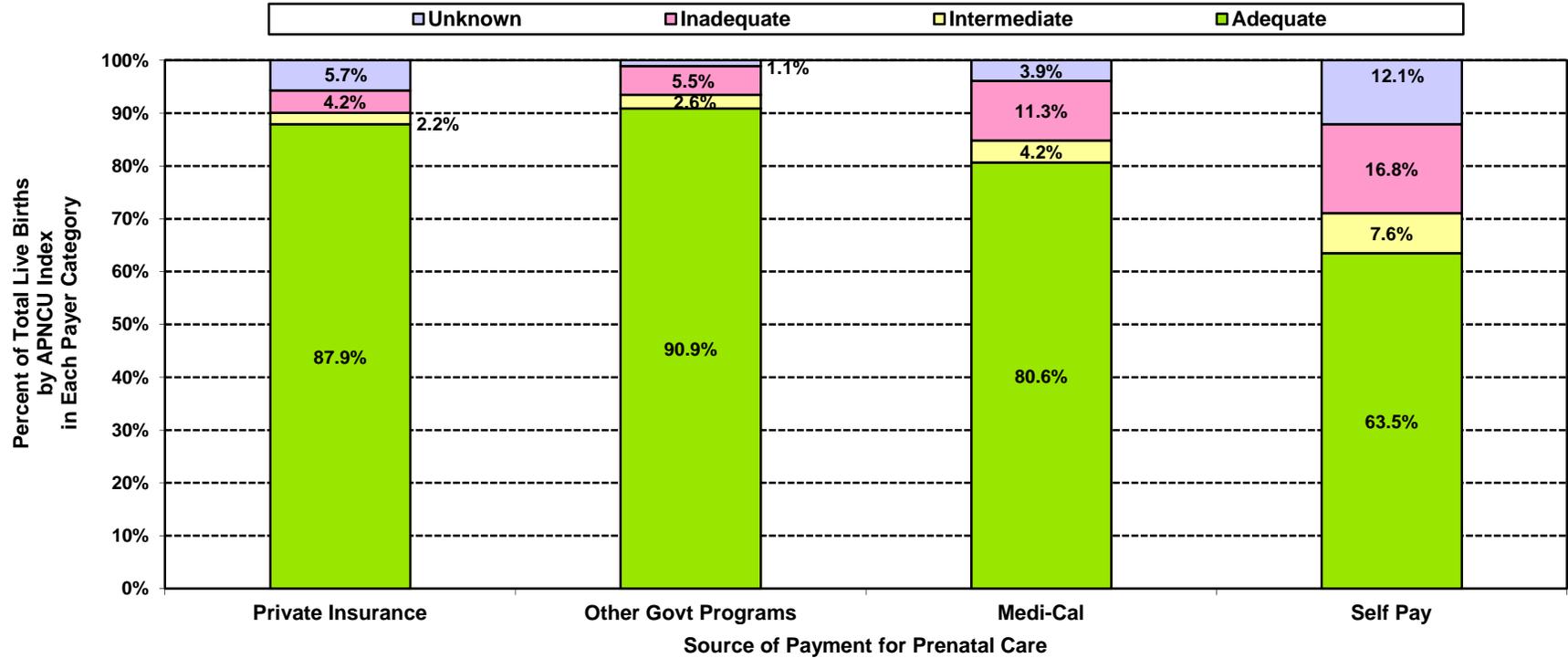


Los Angeles County, 2013									
Source of Payment for Prenatal Care	Very Low Birthweight		Moderately Low Birthweight		Normal Birthweight		Macrosomia		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	37	7.5	65	13.2	373	75.8	17	3.5	492
Private Insurance	627	1.2	3,161	6.0	44,972	85.3	3,977	7.5	52,737
Other Govt Programs	19	0.7	156	5.8	2,324	86.9	176	6.6	2,675
Medi-Cal	763	1.2	3,699	5.9	54,378	86.2	4,209	6.7	63,049
Self Pay	48	0.6	321	4.3	6,764	90.1	372	5.0	7,505
Other/Unknown	34	1.6	128	6.2	1,741	84.4	161	7.8	2,064
<b>Total</b>	<b>1,528</b>	<b>1.2</b>	<b>7,530</b>	<b>5.9</b>	<b>110,552</b>	<b>86.0</b>	<b>8,912</b>	<b>6.9</b>	<b>128,522</b>

Note: Live births missing birthweight are excluded from this analysis (missing = 4).

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Percent of Total Live Births by Adequacy of Prenatal Care Utilization Index  
and by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2013**



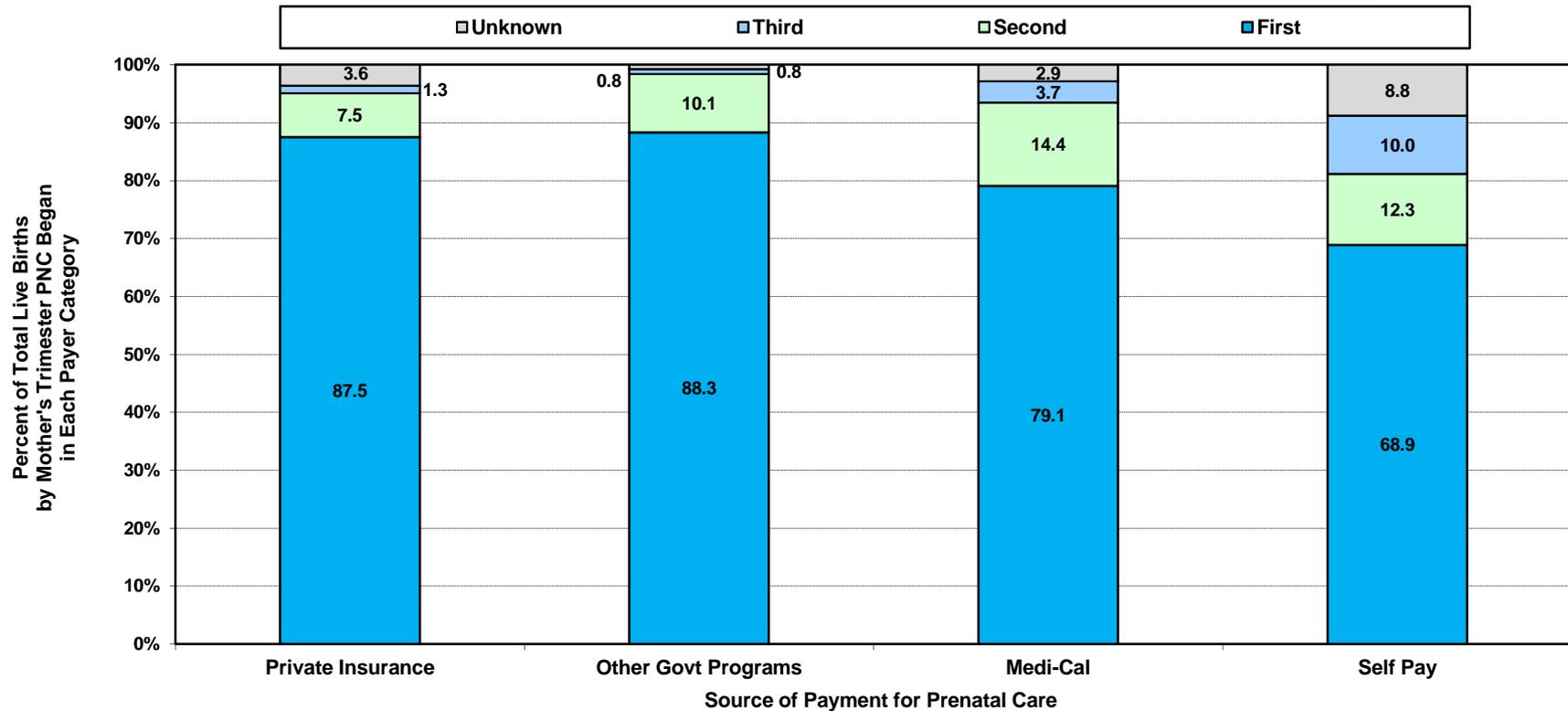
Los Angeles County, 2013									Total Live Births
Source of Payment for Prenatal Care	Adequacy of Prenatal Care Utilization Index						Unknown		
	Adequate		Intermediate		Inadequate		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
No Prenatal Care	<5	N/C	<5	N/C	493	100.0	<5	N/C	493
Private Insurance	46,357	87.9	1,148	2.2	2,217	4.2	3,015	5.7	52,737
Other Govt Programs	2,431	90.9	69	2.6	146	5.5	29	1.1	2,675
Medi-Cal	50,845	80.6	2,650	4.2	7,109	11.3	2,448	3.9	63,052
Self Pay	4,764	63.5	571	7.6	1,264	16.8	906	12.1	7,505
Other/Unknown	1,775	86.0	40	1.9	128	6.2	121	5.9	2,064
<b>Total</b>	<b>106,172</b>	<b>82.6</b>	<b>4,478</b>	<b>3.5</b>	<b>11,357</b>	<b>8.8</b>	<b>6,519</b>	<b>5.1</b>	<b>128,526</b>

Note: The APNCU Index measures prenatal care utilization, which includes consideration of the month prenatal care began and the number of prenatal care visits during the time mothers actually received prenatal care. This utilization index is based on the recommendations established by the American College of Obstetrics and Gynecologists (ACOG). Appendix A contains the specific criteria for timing and number of prenatal care visits that are used to assign adequacy categories.

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, OHIP Vital Statistics Section, 2013.

**Percent of Total Live Births by Mother's Trimester Prenatal Care (PNC) Began  
and by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2013**



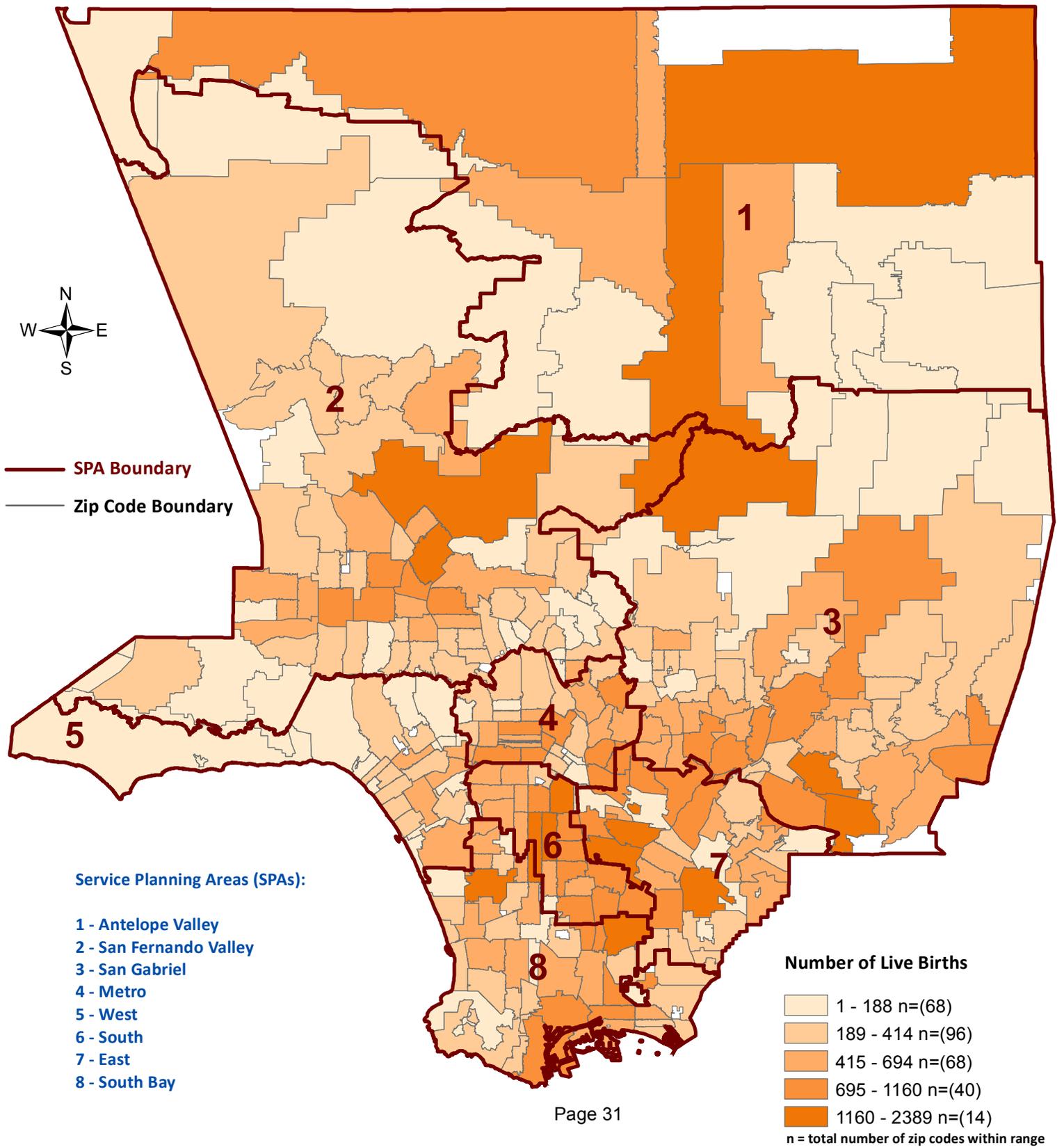
Los Angeles County, 2013											
Source of Payment for Prenatal Care	No Prenatal Care		Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
			First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
No Prenatal Care	493	100.0	<5	N/C	<5	N/C	<5	N/C	<5	N/C	493
Private Insurance	<5	N/C	46,155	87.5	3,977	7.5	694	1.3	1,911	3.6	52,737
Other Govt Programs	<5	N/C	2,363	88.3	269	10.1	22	0.8	21	0.8	2,675
Medi-Cal	<5	N/C	49,860	79.1	9,064	14.4	2,307	3.7	1,821	2.9	63,052
Self Pay	<5	N/C	5,169	68.9	922	12.3	753	10.0	661	8.8	7,505
Other/Unknown	<5	N/C	1,712	82.9	206	10.0	46	2.2	100	4.8	2,064
<b>Total</b>	<b>493</b>	<b>0.4</b>	<b>105,259</b>	<b>81.9</b>	<b>14,438</b>	<b>11.2</b>	<b>3,822</b>	<b>3.0</b>	<b>4,514</b>	<b>3.5</b>	<b>128,526</b>

Note: "Trimester Prenatal Care (PNC) Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live 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, 2013.

**Los Angeles County - Department of Public Health  
 Number of Live Births by Zip Code\* and Service Planning Area (SPA)  
 Los Angeles County, 2013**



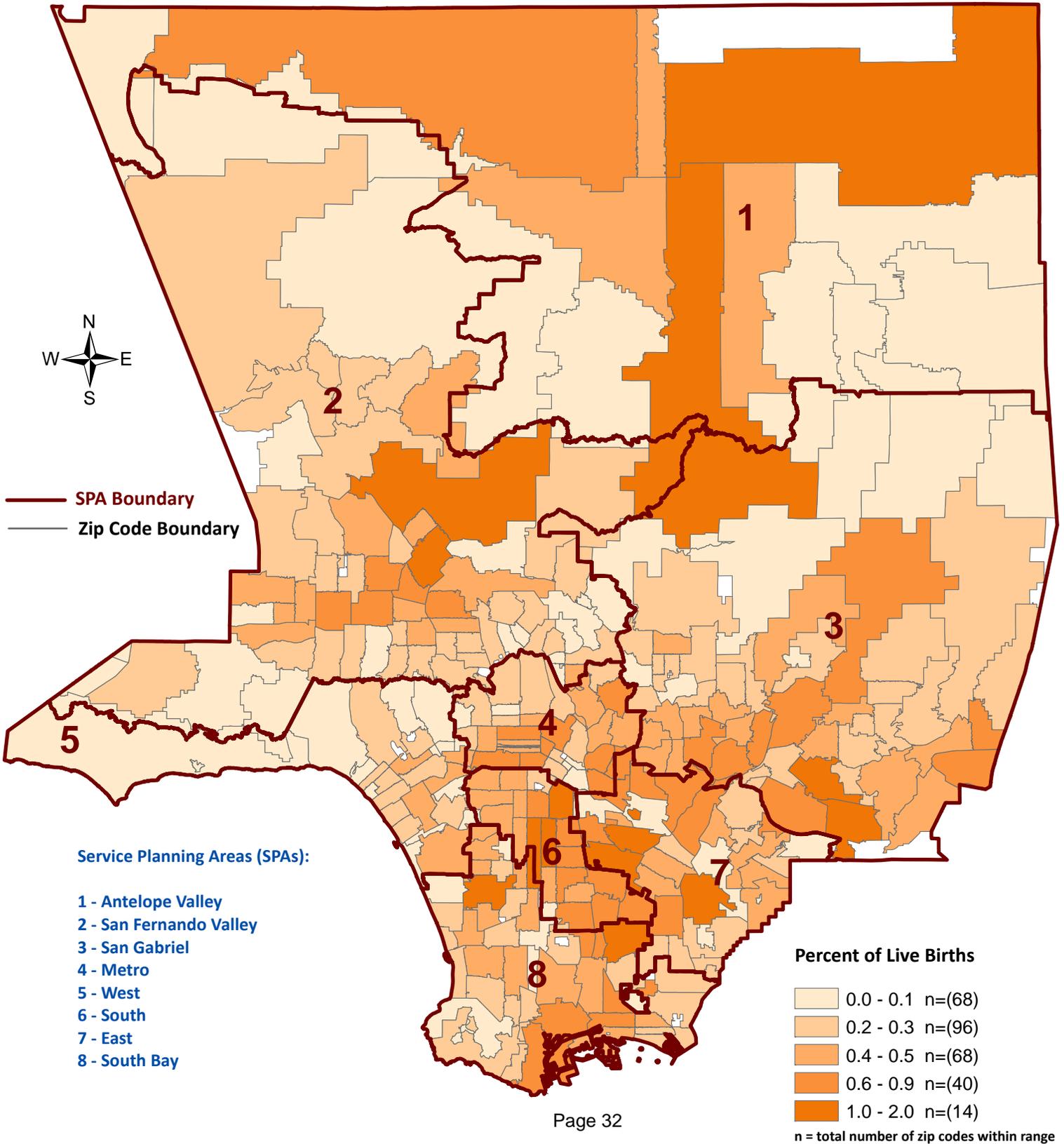
\*Los Angeles County zip code boundaries as of 2010

Total number of live births in Los Angeles County, 2012 = 128,562

Zip code 90704 (Catalina Island) is not included. Total number of live births in 90704, 2013 = 34

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.

**Los Angeles County - Department of Public Health  
 Number of Live Births by Zip Code\* and Service Planning Area (SPA)  
 Los Angeles County, 2013**



\*Los Angeles County zip code boundaries as of 2010

Total number of live births in Los Angeles County, 2013 = 128,526

Note: Percent of live births is the number of live births in each zip code divided by the total number of live births.

Percent of live births per 1,000 total population in Los Angeles County, 2013 = 12.9

Zip code 90704 (Catalina Island) is not included. Percent of live births in 90704, 2013 = 0.03

Source : California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2013.