

Cesearean Live Births

INDICATOR: Cesarean births

DEFINITION: The proportion of live births delivered via Cesarean section (c-section)

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

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

RISK FACTORS:

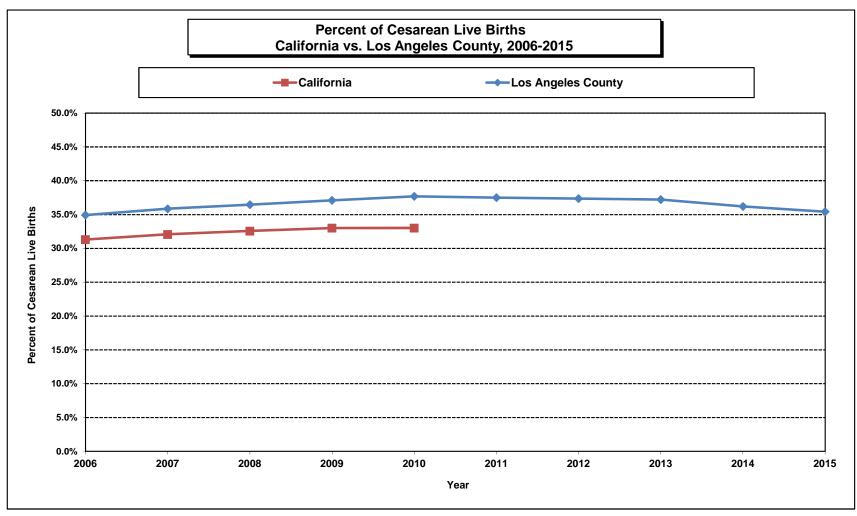
Older maternal age, previous c-section, pregnancy complications, sexually transmitted

disease, obesity, diabetes, extreme neonatal birth weight

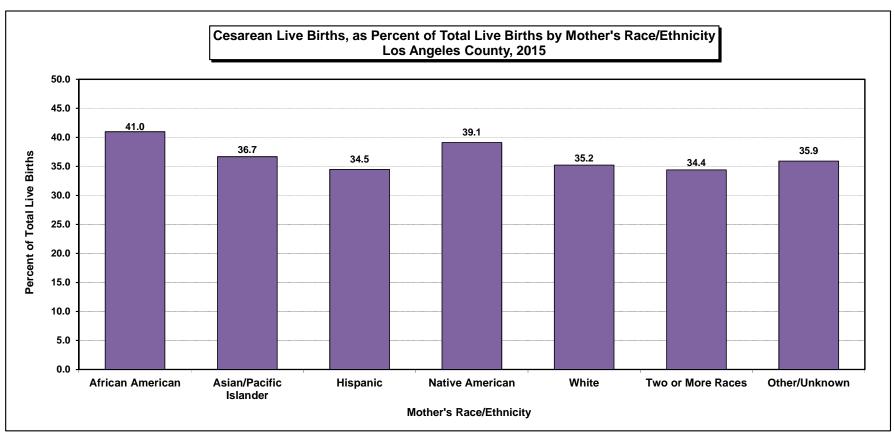
		Calif	ornia			Los Ange	les County	
Year		Section Births	95% Confide	ence Interval		Section Births	95% Confide	ence Interval
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2006	175,943	31.3%	26.7%	35.6%	53,034	34.9%	30.0%	38.8%
2007	181,574	32.1%	27.4%	36.4%	54,431	35.9%	30.9%	39.8%
2008	179,626	32.6%	27.8%	37.0%	53,838	36.5%	31.4%	40.5%
2009	173,878	33.0%	28.1%	37.5%	51,813	37.1%	31.9%	41.3%
2010	168,379	33.0%	28.0%	37.6%	50,186	37.7%	32.4%	42.0%
2011	#N/A	#N/A	#N/A	#N/A	48,864	37.5%	32.1%	41.9%
2012	#N/A	N/C	N/C	N/C	49,197	37.4%	32.0%	41.7%
2013	#N/A	N/C	N/C	N/C	47,834	37.2%	31.8%	41.6%
2014	#N/A	N/C	N/C	N/C	47,106	36.2%	30.9%	40.5%
2015	#N/A	N/C	N/C	N/C	44,109	35.4%	25.0%	33.8%

Denomi	nator: Total Liv	e Births
Year	California	LA County
2005	562,157	151,837
2006	566,137	151,813
2007	551,567	147,684
2008	526,774	139,679
2009	509,979	133,160
2010	502,023	130,313
2011	503,788	131,697
2012	494,392	128,523
2013	502,973	130,150
2014	#N/A	124,507

Note: California 2011-2015 data was unavailable at the time of this report. Rates are not calculated (N/C).

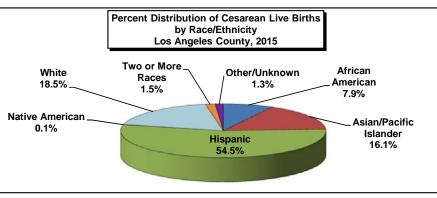


Note: California 2011-2015 data was unavailable at the time of this report. Rates are not calculated (N/C).

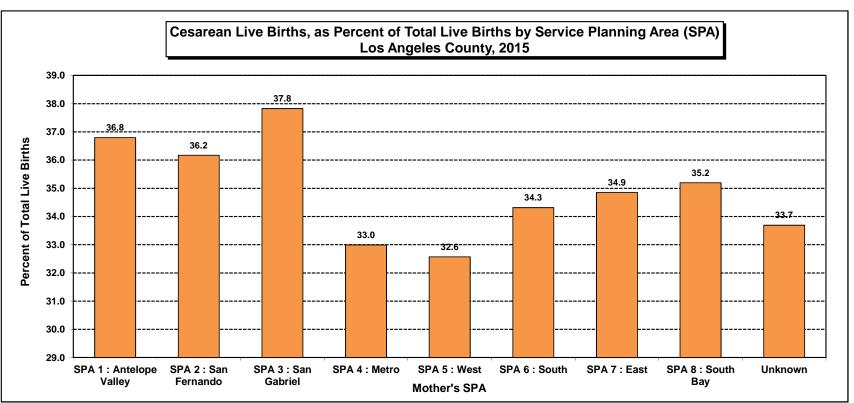


	Lo	os Angeles C	County, 201	5
Mother's Race/Ethnicity	Cesarean Births 95% Confidence Interval			
	Number	Percent	Lower	Upper
African American	3,481	41.0	39.9	42.0
Asian/Pacific Islander	7,120	36.7	36.0	37.3
Hispanic	24,043	34.5	34.1	34.8
Native American	61	39.1	31.4	46.8
White	8,161	35.2	34.6	35.8
Two or More Races	676	34.4	32.3	36.5
Other/Unknown	567	35.9	33.5	38.3
Total	44,109	35.4	35.2	35.7

Total Live Births	
8,497	
19,417	
69,724	
156	
23,169	
1,965	
1,579	
124,507	



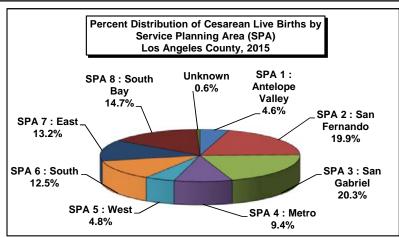
Note: African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category. Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.



Los Angeles County, 2015					
Service Planning Area (SPA)	Cesarea	n Births	95% Confidence Interva		
	Number	Percent	Lower	Upper	
SPA 1 : Antelope Valley	2,045	36.8	35.5	38.1	
SPA 2 : San Fernando	8,776	36.2	35.6	36.8	
SPA 3 : San Gabriel	8,938	37.8	37.2	38.4	
SPA 4 : Metro	4,140	33.0	32.2	33.8	
SPA 5 : West	2,135	32.6	31.4	33.7	
SPA 6 : South	5,514	34.3	33.6	35.0	
SPA 7 : East	5,804	34.9	34.1	35.6	
SPA 8 : South Bay	6,505	35.2	34.5	35.9	
Unknown	252	33.7	30.3	37.1	
Total	44,109	35.4	35.2	35.7	

Total Live Births

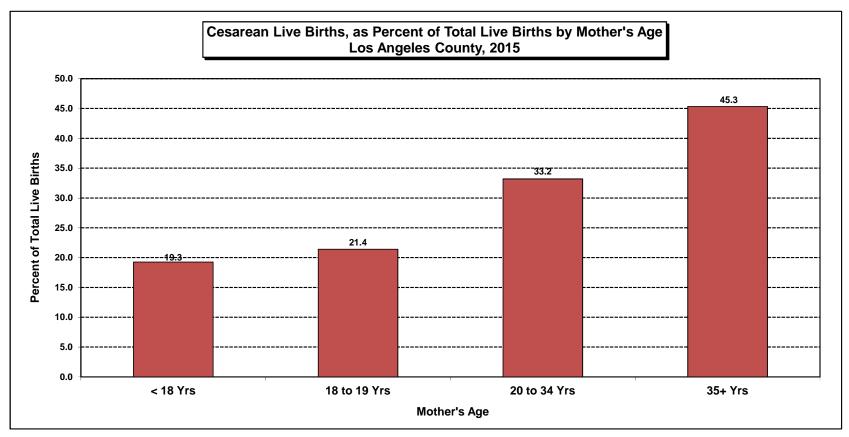
5,558
24,263
23,630
12,550
6,555
16,069
16,652
18,482
748
124,507



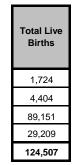
Note: SPA 8 includes Catalina Island.

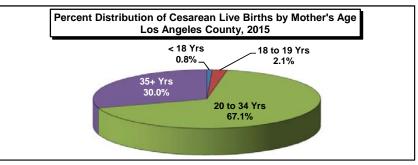
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2014.

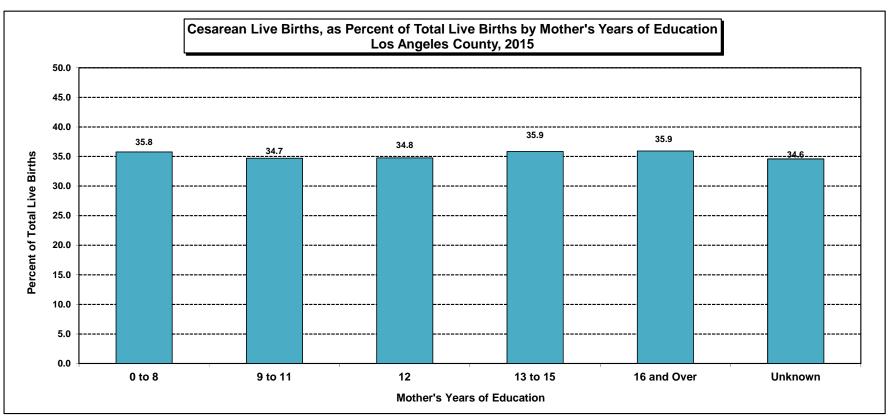
July 1, 2010 Population Estimates, prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, Los Angeles County ISD.



	Los Ange	les County, 2	015	
Mother's Age	Cesarea	n Births	95% Confide	ence Interval
3.	Number	Percent	Lower	Upper
< 18 Yrs	332	19.3	17.4	21.1
18 to 19 Yrs	943	21.4	20.2	22.6
20 to 34 Yrs	29,592	33.2	32.9	33.5
35+ Yrs	13,240	45.3	44.8	45.9
Total	44,109	35.4	35.2	35.7

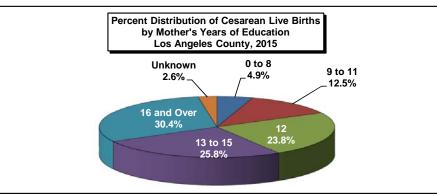




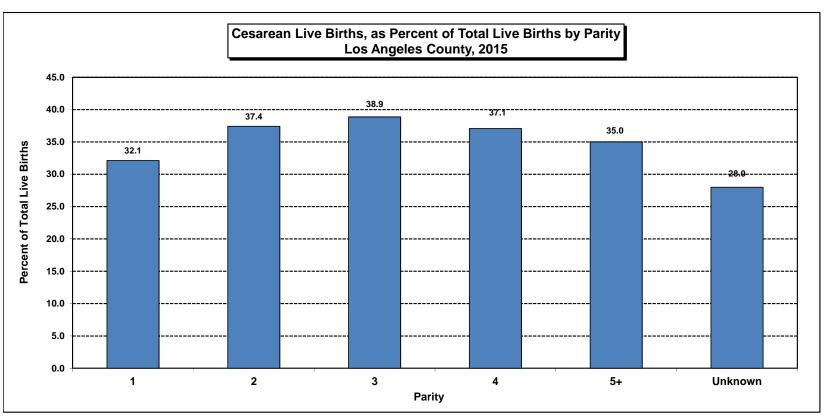


Los Angeles County, 2015					
Mother's Years of	Cesarea	n Births	95% Confidence Interval		
Education	Number	Percent	Lower	Upper	
0 to 8	2,167	35.8	34.6	37.0	
9 to 11	5,520	34.7	34.0	35.4	
12	10,503	34.8	34.2	35.3	
13 to 15	11,389	35.9	35.3	36.4	
16 and Over	13,391	35.9	35.4	36.4	
Unknown	1,139	34.6	33.0	36.2	
Total	44,109	35.4	35.2	35.7	

Total Live Births
6,058
15,906
30,217
31,760
37,273
3,293
124,507

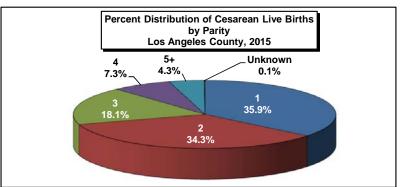


Note: This analysis did not adjust for teen mothers who may not be old enough to have reached a higher categorical education level.

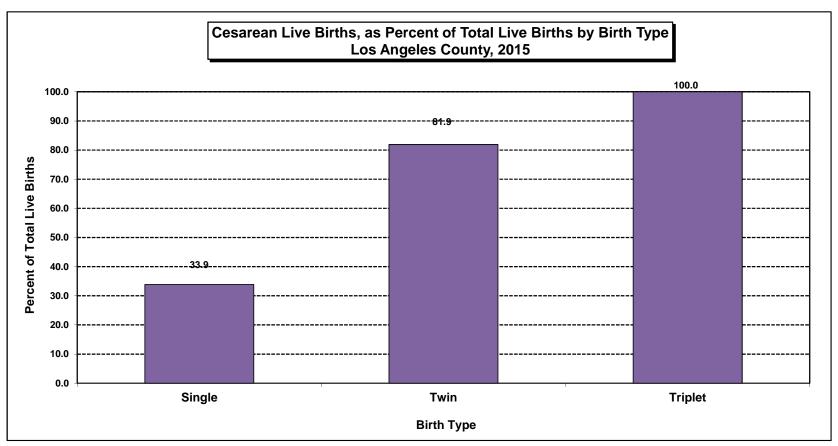


	Los Ang	eles County	, 2015		
Parity	Cesarean Births 95% Confidence Interv				
	Number	Percent	Lower	Upper	
1	15,835	32.1	31.7	32.5	
2	15,125	37.4	36.9	37.9	
3	7,969	38.9	38.2	39.5	
4	3,237	37.1	36.1	38.1	
5+	1,901	35.0	33.7	36.3	
Unknown	42	28.0	20.8	35.2	
Total	44,109	35.4	35.2	35.7	

Total Live Births
49,282
40,420
20,498
8,728
5,429
150
124,507

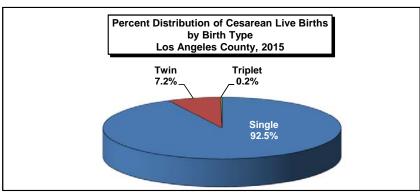


Note: Parity = number of pregnancies resulting in live births to a woman.

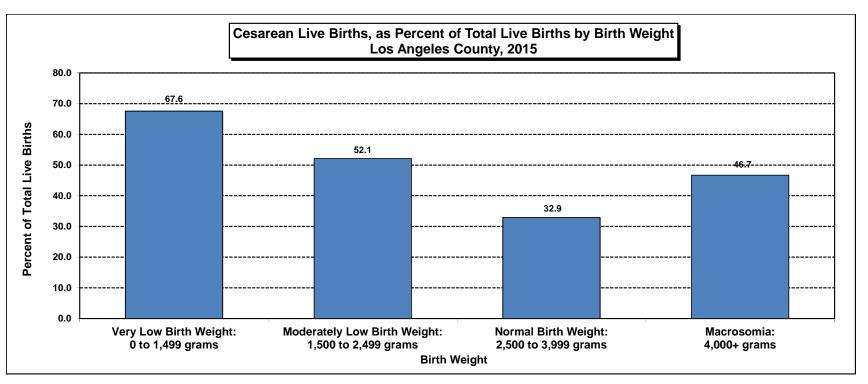


	Los Ang	geles County,	2015	
Birth Type	Cesarea	n Births	95% Confide	ence Interval
	Number	Percent	Lower	Upper
Single	40,814	33.9	33.6	34.1
Twin	3,191	81.9	80.7	83.1
Triplet	104	100.0	100.0	100.0
Quadruplet	<5	N/C	N/C	N/C
Quintuplet	<5	N/C	N/C	N/C
Total	44,109	35.4	35.2	35.7

Total Live Births	
120,506	
3,897	
104	
<5	
<5	
124,507	

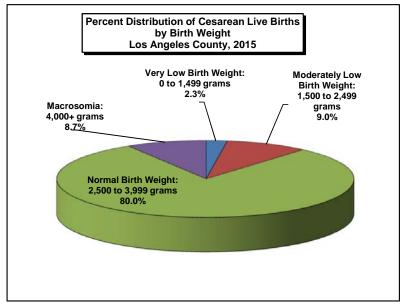


Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

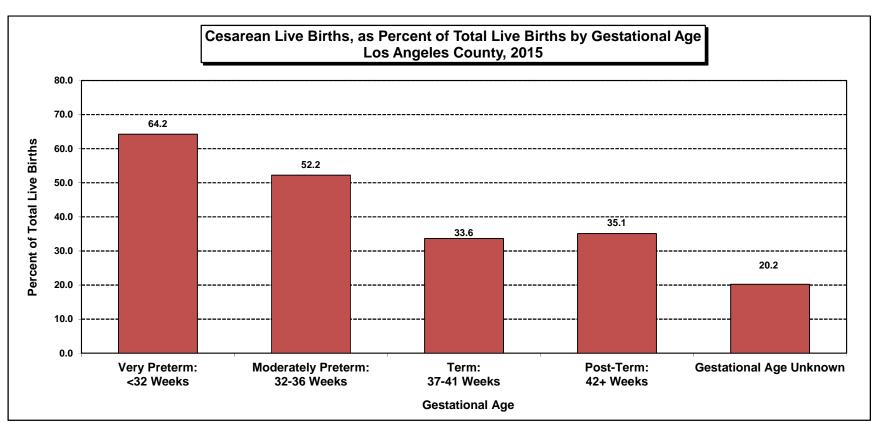


Los Angeles County, 2015					
Birth Weight	Cesarea	Cesarean Births		95% Confidence Interval	
	Number	Percent	Lower	Upper	
Very Low Birth Weight: 0 to 1,499 grams	1,006	67.6	65.2	69.9	
Moderately Low Birth Weight: 1,500 to 2,499 grams	3,967	52.1	51.0	53.2	
Normal Birth Weight: 2,500 to 3,999 grams	35,291	32.9	32.6	33.2	
Macrosomia: 4,000+ grams	3,845	46.7	45.6	47.8	
Unknown	<5	N/C	N/C	N/C	
Total	44,109	35.4	35.2	35.7	

7,611 107,171
107,171
8,233
<5
124,507

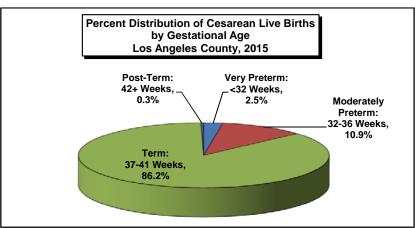


Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five. Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2015.

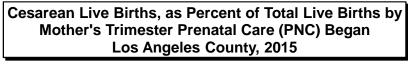


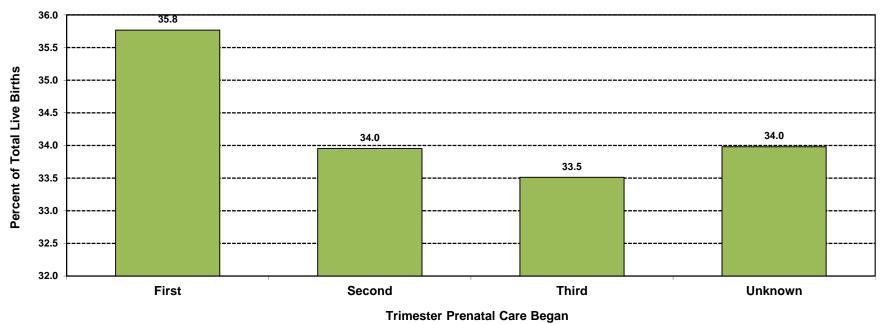
Los Angeles County, 2015					
Gestational Age	Cesarea	n Births	95% Confidence Interval		
	Number	Percent	Lower	Upper	
Very Preterm: <32 Weeks	1,089	64.2	62.0	66.5	
Moderately Preterm: 32-36 Weeks	4,828	52.2	51.2	53.2	
Term: 37-41 Weeks	38,032	33.6	33.4	33.9	
Post-Term: 42+ Weeks	140	35.1	30.4	39.8	
Gestational Age Unknown	20	20.2	12.3	28.1	
Total	44,109	35.4	35.2	35.7	

Total Live Births	
1,695	
9,246	
113,068	
399	
99	
124,507	

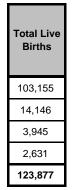


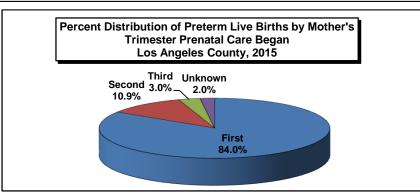
Note: Unknown includes those weeks of gestation not stated, less than 17 weeks of gestation, and 53 weeks or more gestation. These categories reflect inaccuracies rather than actual gestation periods. Gestation is calculated from obstetrical estimate of gestation.



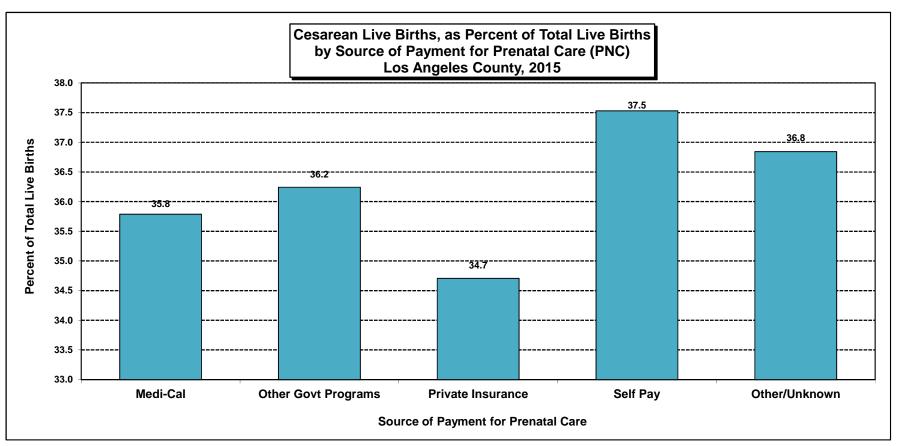


Los Angeles County, 2015						
Mother's Trimester	Cesarean Births		95% Confidence Interval			
Prenatal Care Began	Number	Percent	Lower	Upper		
First	36,896	35.8	35.5	36.1		
Second	4,803	34.0	33.2	34.7		
Third	1,322	33.5	32.0	35.0		
Unknown	894	34.0	32.2	35.8		
Total	43,915	35.5	35.2	35.7		

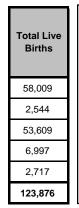


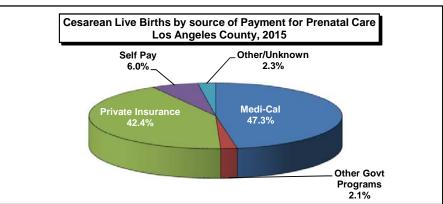


"Trimester Prenatal Care Began" excludes women who did not receive prenatal care (N=630) and the prenatal care experiences of all women whose pregnancies did not Note: result in a live birth.

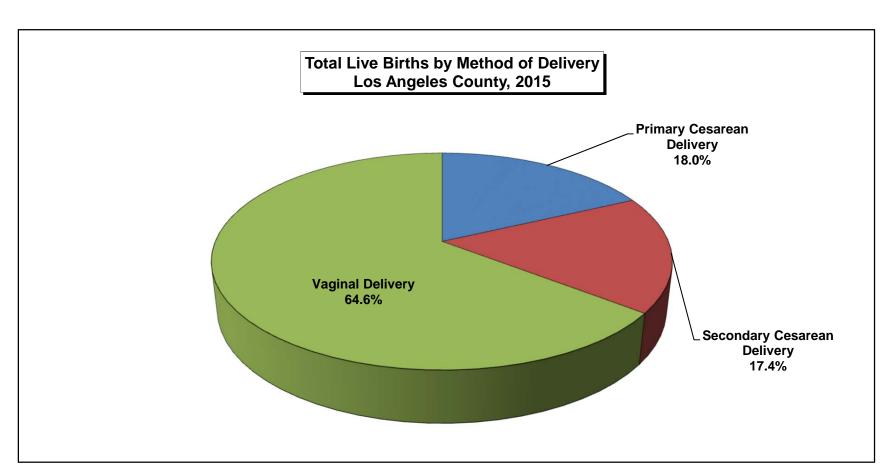


Los Angeles County, 2015					
Prenatal Care Payment Source	Cesarean Births		95% Confidence Interval		
	Number	Percent	Lower	Upper	
Medi-Cal	20,760	35.8	35.4	36.2	
Other Govt Programs	922	36.2	34.4	38.1	
Private Insurance	18,606	34.7	34.3	35.1	
Self Pay	2,626	37.5	36.4	38.7	
Other/Unknown	1,001	36.8	35.0	38.7	
Total	43,915	35.5	35.2	35.7	





Note: "Source of Payment for PNC" excludes women who did not receive prenatal care (N=630) and live births that are missing source of payment (missing=1).



Los Angeles County, 2015						
Method of Delivery	Number of	Live Births	95% Confidence Interval			
	Number	Percent	Lower	Upper		
Primary Cesarean Delivery	22,470	18.0%	15.7%	20.4%		
Secondary Cesarean Delivery	21,639	17.4%	15.1%	19.7%		
Vaginal Delivery	80,398	64.6%	60.1%	69.0%		
Total	124,507	100.0%	100.0%	100.0%		