

General Fertility Rate

INDICATOR: General Fertility Rate

DEFINITION: The number of live births per 1,000 females 15-44 years (reproductive age)

(15 to 44 years of age; 15-19 years of age; 20-29 years of age; 30-39 years of age; 40-44 years of age)

NUMERATOR: The total number of live births among females of reproductive age, by age group (15-44 years, 15-19 years; 20-29 years; 30-39 years; 40-

44 years), by place of residence, in a calendar year

DENOMINATOR: The total number of females of reproductive age by age group (15 to 44 years; 15-19 years; 20-29 years; 30-39 years; 40-44 years), by

place of residence, in a calendar year

HEALTHY PEOPLE 2020

OBJECTIVE: None

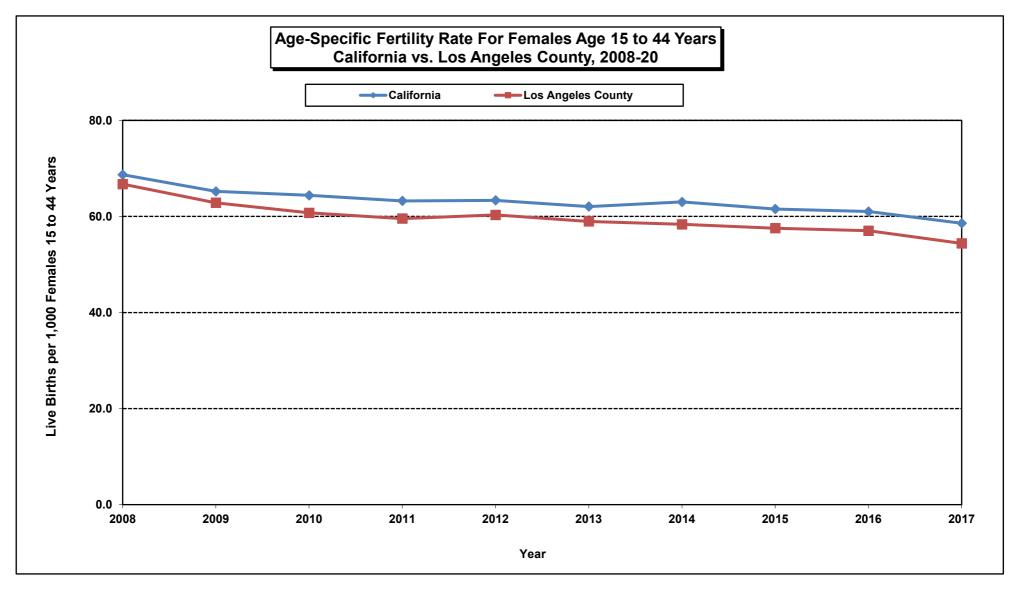
RISK FACTORS: Not applicable

Births to Females of Reproductive Age (15-44 years)

	California			Los Angeles County			Denominator:				
Year	Fertility R	ate	95% Confid	ence Interval	Fertility I	Rate	95% Confidence	e Interval	Females Age 15-44 Years		44 Years
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper	Year	California	LA County
2008	549,232	68.7	68.5	68.9	146,998	66.7	66.4	67.1	2008	7,994,949	2,202,717
2009	524,543	65.2	65.0	65.4	139,049	62.8	62.5	63.2	2009	8,043,781	2,212,623
2010	507,968	64.4	64.2	64.6	132,624	60.7	60.4	61.1	2010	7,888,871	2,183,299
2011	499,961	63.2	63.1	63.4	129,710	59.6	59.2	59.9	2011	7,905,972	2,177,768
2012	501,673	63.4	63.2	63.5	131,141	60.3	60.0	60.6	2012	7,917,877	2,173,607
2013	492,285	62.1	61.9	62.2	127,927	59.0	58.7	59.3	2013	7,931,460	2,169,358
2014	500,910	63.0	62.9	63.2	126,183	58.4	58.0	58.7	2014	7,946,784	2,162,506
2015	489,673	61.6	61.4	61.7	123,878	57.6	57.2	57.9	2015	7,954,666	2,152,384
2016	486,696	61.0	60.9	61.2	122,326	57.0	56.7	57.4	2016	7,973,883	2,144,493
2017	469,506	58.6	58.4	58.7	116,235	54.4	54.1	54.7	2017	8,014,452	2,137,125

Sources: Calliornia Department of Finance, Race/Ethnic Population with Age and Sex Detail, 2000-2000 (for state and county age category population estimates up to and including 2014)

California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



Sources: 2014)

California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017

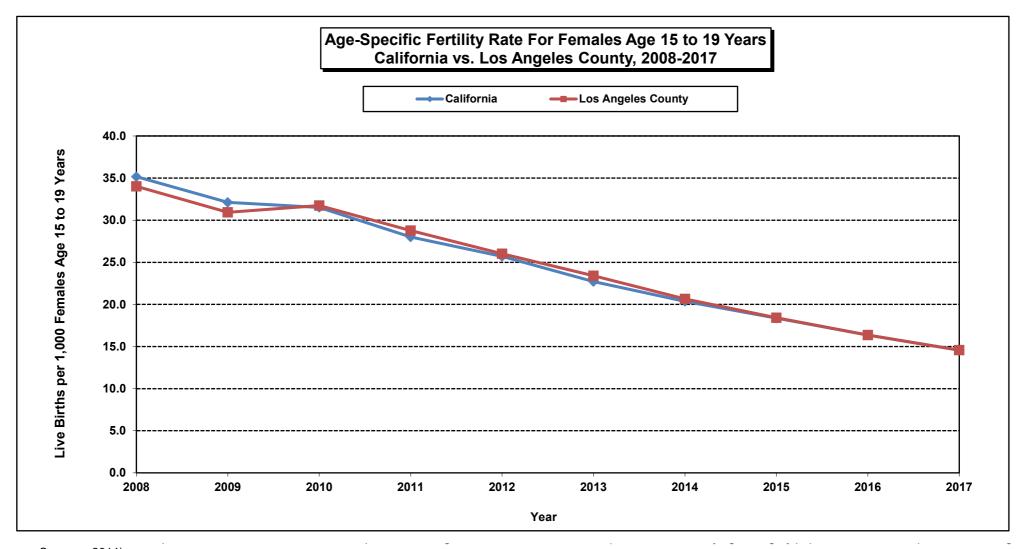
California Department of Public Health, Birth Statistical Master Files, 2008-2017

Births to Adolescent Females (age 15-19 years)

	California				Los Angeles County			
Year	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2008	51,704	35.2	34.9	35.5	14,111	34.0	33.5	34.6
2009	47,811	32.1	31.8	32.4	13,146	30.9	30.4	31.5
2010	43,127	31.5	31.2	31.8	11,677	31.7	31.2	32.3
2011	38,328	28.0	27.7	28.3	10,359	28.8	28.2	29.3
2012	34,921	25.7	25.4	26.0	9,153	26.0	25.5	26.5
2013	30,499	22.7	22.5	23.0	8,053	23.4	22.9	23.9
2014	27,025	20.4	20.1	20.6	6,950	20.7	20.2	21.1
2015	24,175	18.4	18.1	18.6	6,074	18.4	18.0	18.9
2016	21,412	16.4	16.1	16.6	5,292	16.4	15.9	16.8
2017	18,935	14.6	14.4	14.8	4,621	14.6	14.2	15.0

Fem	Denominator: Females Age 15-19 Years						
Year	Year California LA Cou						
2008	1,470,271	414,775					
2009	1,488,207	424,927					
2010	1,368,858	367,817					
2011	1,368,732	360,060					
2012	1,358,529	351,929					
2013	1,343,250	344,060					
2014	1,327,268	336,538					
2015	1,315,931	329,769					
2016	1,308,445	323,573					
2017	1,299,969	317,161					

Sources: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050 (for state and county age category population estimates up to and including 2 California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



Sources: 2014)

California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017
California Department of Public Health, Birth Statistical Master Files, 2008-2017

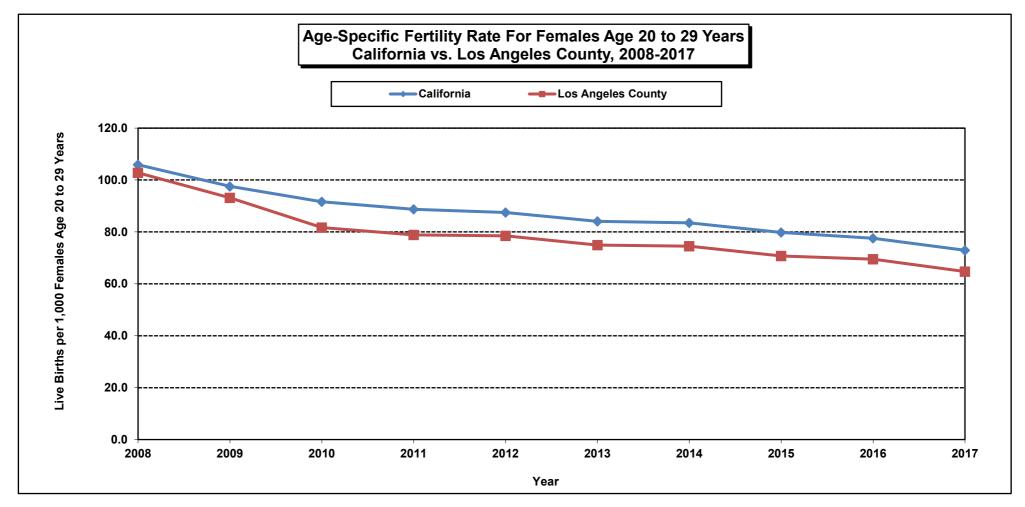
Births to Females of Reproductive Age (20-29 years)

	California				Los Angeles County			
Year	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2008	269,325	105.9	105.5	106.3	69,284	102.8	102.1	103.5
2009	254,883	97.5	97.2	97.9	64,489	93.1	92.4	93.8
2010	244,453	91.6	91.2	91.9	60,828	81.7	81.1	82.3
2011	237,278	88.7	88.4	89.0	58,809	78.9	78.2	79.5
2012	234,833	87.5	87.2	87.9	58,567	78.5	77.9	79.1
2013	226,761	84.1	83.7	84.4	55,974	74.9	74.4	75.5
2014	227,064	83.5	83.1	83.8	55,669	74.5	73.9	75.1
2015	218,434	79.8	79.5	80.1	52,713	70.7	70.2	71.3
2016	213,720	77.6	77.2	77.9	51,563	69.5	68.9	70.1
2017	202,325	72.9	72.6	73.2	47,769	64.7	64.2	65.3

Denominator: Females Age 20-29 Years							
Year	California	LA County					
2008	2,543,749	674,128					
2009	2,613,334	692,505					
2010	2,668,969	744,359					
2011	2,675,319	745,756					
2012	2,683,397	746,448					
2013	2,697,417	746,844					
2014	2,720,379	747,282					
2015	2,737,249	745,083					
2016	2,755,684	742,159					
2017	2,773,979	737,910					

Sources: 2014)

California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



Sources: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050 (for state and county age category population estimates up to and including 2014)
California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017
California Department of Public Health, Birth Statistical Master Files, 2008-2017

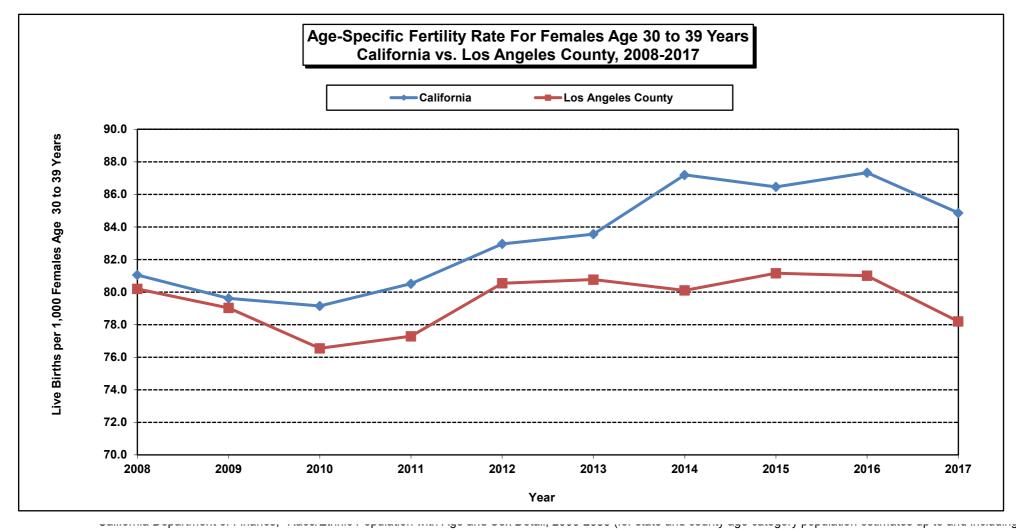
Births to Females of Reproductive Age (30-39 years)

	California				Los Angeles County			
Year	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2008	209,552	81.0	80.7	81.4	57,894	80.2	79.6	80.8
2009	203,546	79.6	79.3	80.0	55,860	79.0	78.4	79.7
2010	201,867	79.1	78.8	79.5	54,623	76.5	75.9	77.2
2011	205,327	80.5	80.2	80.8	54,990	77.3	76.7	77.9
2012	212,608	83.0	82.6	83.3	57,534	80.5	79.9	81.2
2013	215,777	83.6	83.2	83.9	58,085	80.8	80.1	81.4
2014	227,172	87.2	86.9	87.5	57,982	80.1	79.5	80.7
2015	227,224	86.5	86.1	86.8	59,160	81.2	80.5	81.8
2016	231,715	87.3	87.0	87.7	59,582	81.0	80.4	81.6
2017	227,975	84.9	84.5	85.2	57,930	78.2	77.6	78.8

Denominator: Females Age 30-39 Years							
Year	Year California LA County						
2008	2,585,577	721,896					
2009	2,556,503	706,872					
2010	2,550,575	713,591					
2011	2,550,280	711,516					
2012	2,562,741	714,384					
2013	2,582,305	719,180					
2014	2,605,359	723,844					
2015	2,627,954	728,953					
2016	2,653,227	735,530					
2017	2,686,543	740,862					

Sources: 2014)

California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



Sources: 2014)

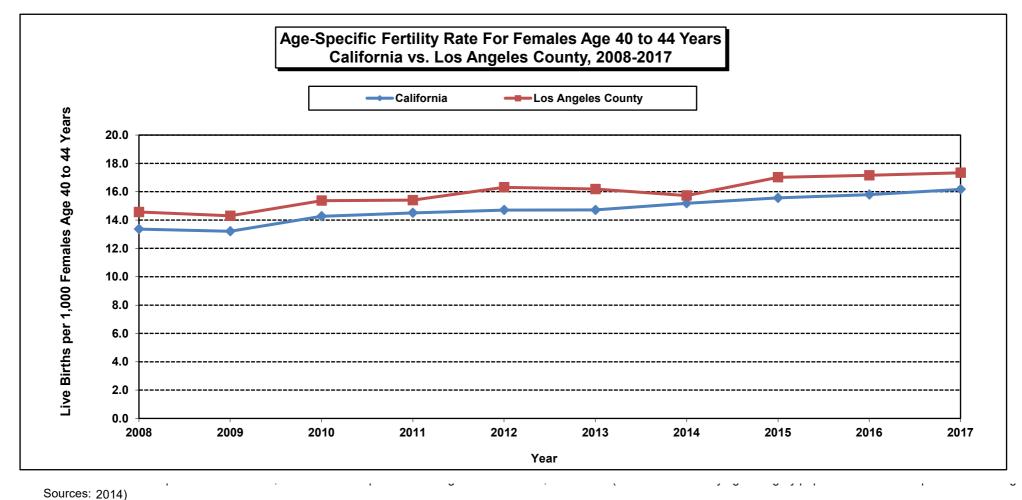
California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017
California Department of Public Health, Birth Statistical Master Files, 2008-2017

Births to Females of Reproductive Age (40-44 years)

	California				Los Angeles County			
Year	Fertility Rate		95% Confidence Interval		Fertility Rate		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2008	18,651	13.4	13.2	13.6	5,709	14.6	14.2	14.9
2009	18,303	13.2	13.0	13.4	5,554	14.3	13.9	14.7
2010	18,521	14.3	14.1	14.5	5,496	15.4	15.0	15.8
2011	19,028	14.5	14.3	14.7	5,552	15.4	15.0	15.8
2012	19,311	14.7	14.5	14.9	5,887	16.3	15.9	16.7
2013	19,248	14.7	14.5	14.9	5,815	16.2	15.8	16.6
2014	19,647	15.2	15.0	15.4	5,582	15.7	15.3	16.1
2015	19,820	15.6	15.3	15.8	5,931	17.0	16.6	17.4
2016	19,849	15.8	15.6	16.0	5,889	17.2	16.7	17.6
2017	20,271	16.2	15.9	16.4	5,915	17.3	16.9	17.8

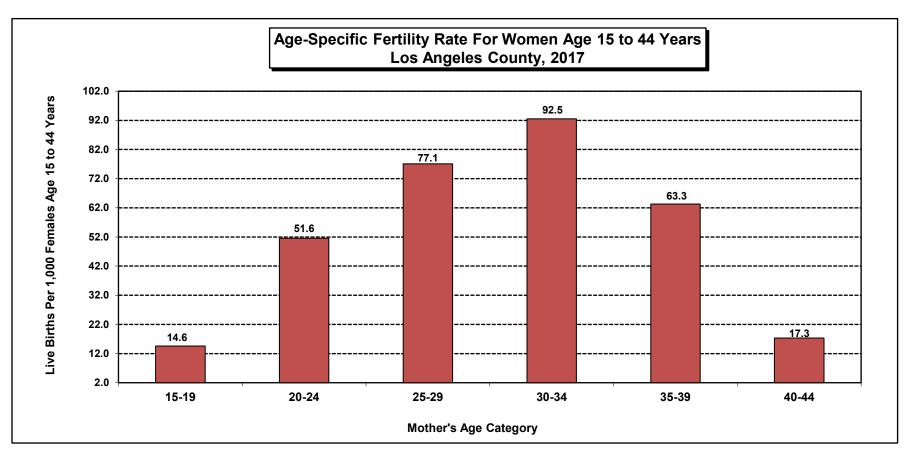
Fem	Denominator: Females Age 40-44 Years							
Year	Year California LA County							
2008	1,395,352	391,918						
2009	1,385,737	388,319						
2010	1,298,263	357,532						
2011	1,311,640	360,436						
2012	1,313,211	360,846						
2013	1,308,488	359,274						
2014	1,293,777	354,843						
2015	1,273,532	348,579						
2016	1,256,527	343,231						
2017	1,253,961	341,192						

Sources: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2000-2050 (for state and county age category population estimates up to and including California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



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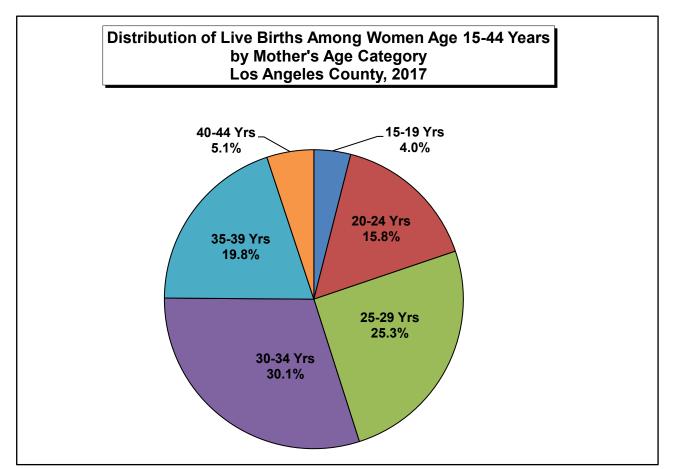
California Department of Public Health, Birth Statistical Master Files, 2008-2017



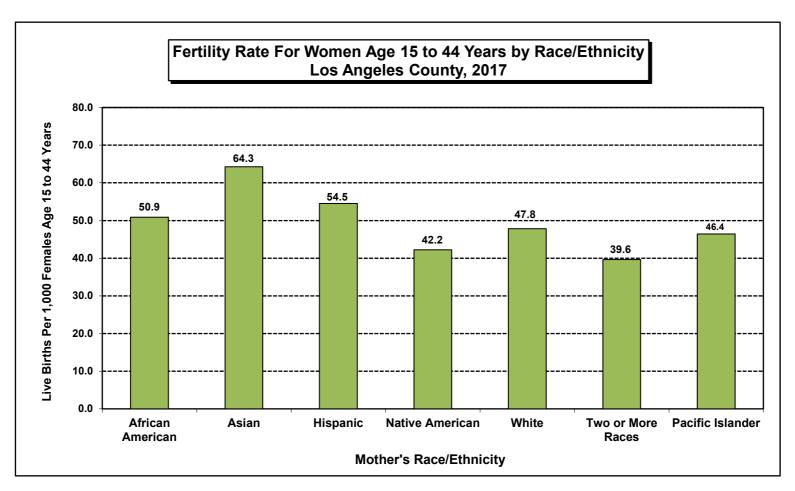
Mother's Age Category	Live Births to Women Age 15 to 44 Years					
	Number	Rate per 1,000 Females Age 15- 44				
15-19	4,621	14.6				
20-24	18,388	51.6				
25-29	29,381	77.1				
30-34	34,929	92.5				
35-39	23,001	63.3				
40-44	5,915	17.3				
Total	116,235	54.4				

Denominator: Female Population Age 15-44 Years						
317,161						
356,684						
381,226						
377,449						
363,412						
341,192						
2,137,125						

Sources: California Department of Public Health, Birth Statistical Master Files, 2017
California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by:
California Department of Public Health, Safe and Active Communities Branch February, 2017



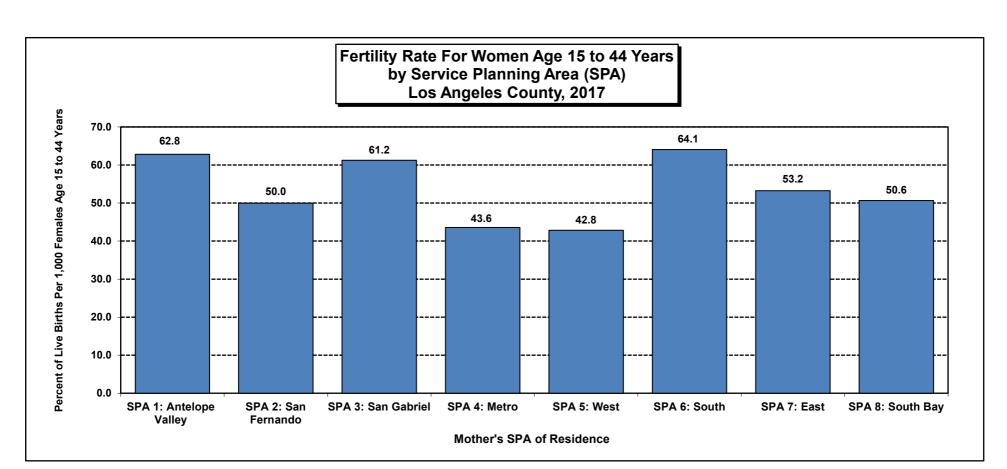
Los Angeles County, 2017							
Mother's Age Category	Live I	Births	95% Confidence Interval				
	Number	Percent	Lower	Upper			
15-19 Yrs	4,621	4.0	3.9	4.1			
20-24 Yrs	18,388	15.8	15.6	16.0			
25-29 Yrs	29,381	25.3	25.0	25.5			
30-34 Yrs	34,929	30.1	29.8	30.3			
35-39 Yrs	23,001	19.8	19.6	20.0			
40-44 Yrs	5,915	5.1	5.0	100.0			
Total	116,235	100.0	100.0	100.0			



Mother's	Females Age 15 to 44 Years								
Race/Ethnicity	Number of Births	Rate per 1,000 Females Age 15-44 Years							
African American	8,030	50.9							
Asian	18,368	64.3							
Hispanic	63,873	54.5							
Native American	160	42.2							
White	22,026	47.8							
Two or More Races	2,061	39.6							
Other/Unknown	1,457	N/C							
Pacific Islander	260	46.4							
Total	116,235	54.4							

Denominator: Female Population Age 15-44 Years										
157,876										
285,846										
1,171,335										
3,790										
460,665										
52,014										
N/A										
5,600										
2,137,125										
2,137,125										

Sources: California Department of Public Health, Birth Statistical Master Files, 2017
California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



Madhaula	Females Age	15 to 44 Years
Mother's SPA of Residence	Number of Births	Rate per 1,000 Females Age 15-44 Years
SPA 1: Antelope Valley	5,222	62.8
SPA 2: San Fernando	22,883	50.0
SPA 3: San Gabriel	22,486	61.2
SPA 4: Metro	11,291	43.6
SPA 5: West	6,340	42.8
SPA 6: South	15,853	64.1
SPA 7: East	15,195	53.2
SPA 8: South Bay	16,517	50.6
Total	116,235	53.5

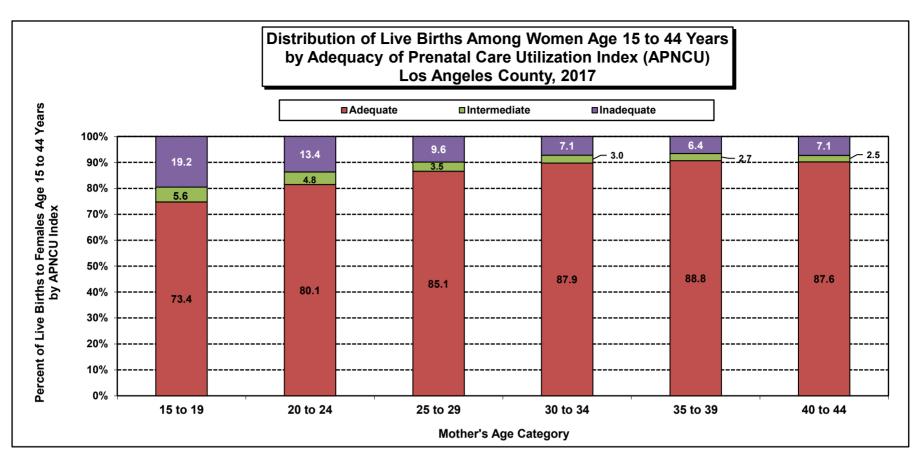
Denominator: Los Angeles County Female Population Age 15-44 Years										
83,121										
458,108										
367,204										
259,091										
147,978										
247,457										
285,356										
326,188										
2,174,503										

Sources: California Department of Finance, "Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender", 2010-2060, Prepared by: California Department of Public Health, Safe and Active Communities Branch February, 2017



			Los An	geles County, 20)17				
				Birthweight					
	Very Low B	Birth Weight	Moderately Lo	w Birth Weight	Normal Bi	rth Weight	Macros	omia	
Mother's Age Category	0 to 1,49	9 grams	1,500 to 2	499 grams	2,500 to 3	999 grams	4,000+ grams		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
15 to 19	49	1.1	278	6.0	4,061	87.9	233	5.0	
20 to 24	189	1.0	1,119	6.1	16,080	87.4	999	5.4	
25 to 29	294	1.0	1,663	5.7	25,470	86.7	1,953	6.6	
30 to 34	397	1.1	2,110	6.0	29,871	85.5	2,549	7.3	
35 to 39	300	1.3	1,453	6.3	19,474	84.7	1,774	7.7	
40 to 44	117	2.0	447	7.6	4,906	82.9	445	7.5	
Total	1,346	1.2	7,070	6.1	99,862	85.9	7,953	6.8	

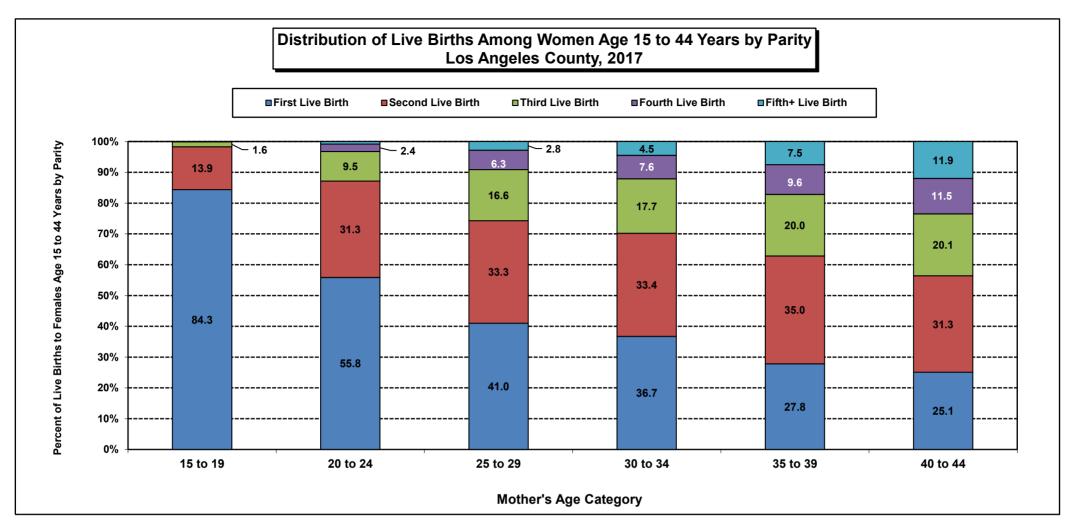
Total Live Births to Mothers Age 15-44 Years
4,621
18,388
29,381
34,929
23,001
5,915
116,235



	Los Angeles County, 2017												
		Adequacy of Prenatal Care Utilization Index											
Mother's Age Category	Ade	quate	Interm	ediate	Inade	quate	Unk	nown					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent					
15 to 19	15 to 19 3,390 73.4		260	5.6	885	19.2	86	1.9					
20 to 24	20 to 24 14,722 80.1		876	4.8	2,468	13.4	322	1.8					
25 to 29	25,004	85.1	1,043	3.5	2,835	9.6	499	1.7					
30 to 34	30,710	87.9	1,034	3.0	2,479	7.1	706	2.0					
35 to 39	20,428	88.8	621	2.7	1,473	6.4	479	2.1					
40 to 44	5,184	87.6	146	2.5	418	7.1	167	2.8					
Total	99,438	85.5	3,980	3.4	10,558	9.1	2,259	1.9					

Total Live Births to Mothers Age 15-44 Years
4,621
18,388
29,381
34,929
23,001
5,915
116,235

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 Source: California Department of Public Health, Birth Statistical Master Files, 2017



Los Angeles County, 2017													
		Parity											
Mother's Age Category	First Liv	e Birth	Second L	ive Birth	Third L	ive Birth	Fourth Li	ive Birth	Fifth+ Li	ve Birth	Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
15 to 19	3,897	84.3	644	13.9	73	1.6	5	0.1	<5	N/C	<5	N/C	
20 to 24	10,264	55.8	5,763	31.3	1,755	9.5	450	2.4	149	0.8	7	0.0	
25 to 29	12,044	41.0	9,779	33.3	4,873	16.6	1,853	6.3	821	2.8	11	0.0	
30 to 34	12,821	36.7	11,678	33.4	6,185	17.7	2,651	7.6	1,574	4.5	20	0.1	
35 to 39	6,388	27.8	8,053	35.0	4,599	20.0	2,209	9.6	1,733	7.5	19	0.1	
40 to 44	1,483	25.1	1,849	31.3	1,189	20.1	683	11.5	706	11.9	5	0.1	
Total	46,897	40.3	37,766	32.5	18,674	16.1	7,851	6.8	4,983	4.3	64	0.1	

Total Live
Births to
Mothers Age
15-44 Years

4,621

18,388

29,381

34,929

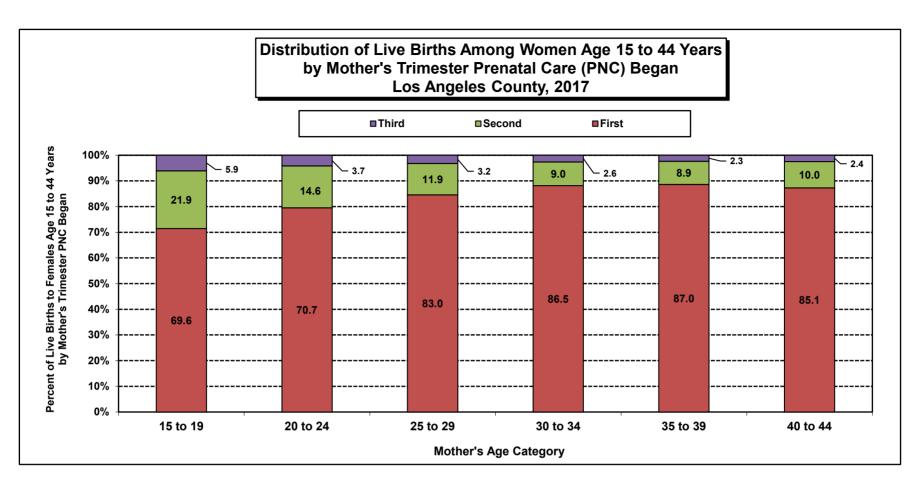
23,001

5,915

116,235

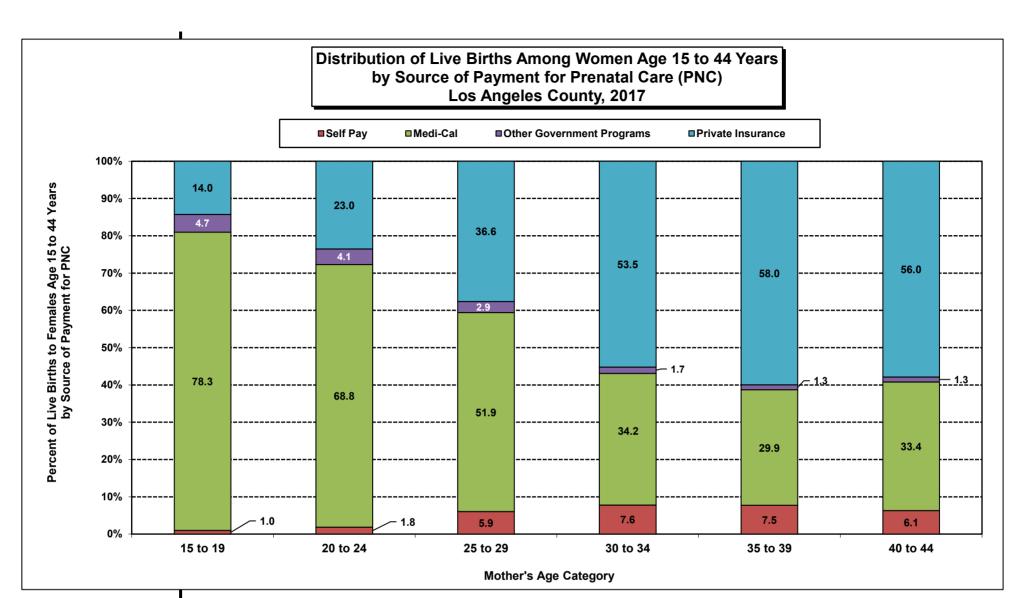
Notes: "Parity" is defined as the number of pregnancies resulting in live births to a woman.

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



	Los Angeles County, 2017													
		Mother's Trimester Prenatal Care Began												
Mother's Age Category	No Prer	natal Care	Fir	st	Second		Third		Unknown					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent				
15 to 19	49	1.1	3,214	69.6	1,013	21.9	272	5.9	73	1.6				
20 to 24	177	0.9	14,269	70.7	2,936	14.6	740	3.7	266	1.3				
25 to 29	196	0.7	24,375	83.0	3,503	11.9	934	3.2	373	1.3				
30 to 34	122	0.3	30,209	86.5	3,140	9.0	908	2.6	523	1.5				
35 to 39	66	0.3	20,002	87.0	2,040	8.9	534	2.3	359	1.6				
40 to 44	21	0.4	5,036	85.1	591	10.0	143	2.4	124	2.1				
Total	658	0.6	97,105	83.5	13,223	11.4	3,531	3.0	1,718	1.5				

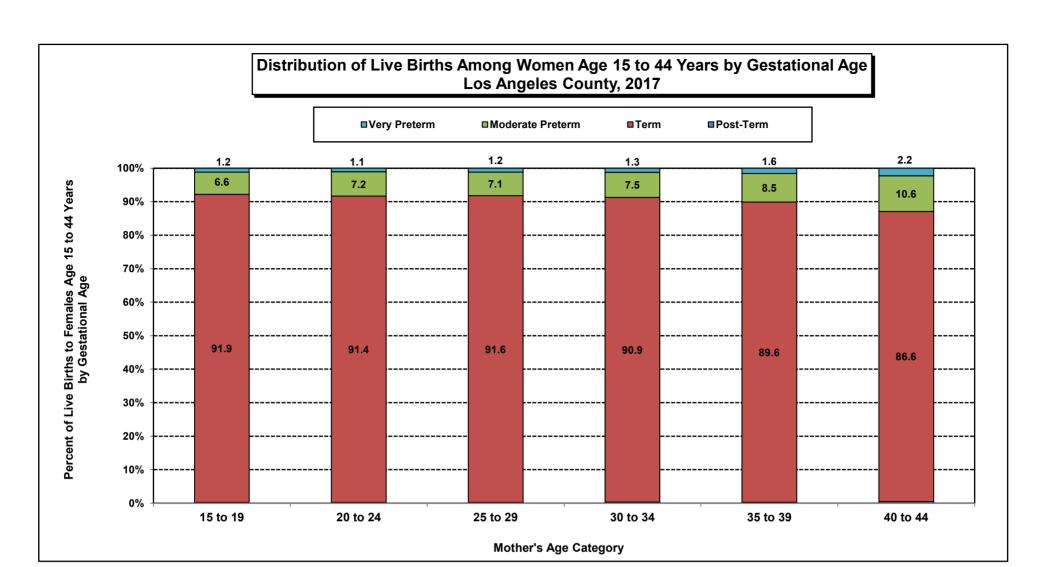
Total Live Births to Mothers Age 15-44 Years
4,621
20,178
29,381
34,929
23,001
5,915
116,235



	Los Angeles County, 2017													
		Source of Payment for Prenatal Care												
Mother's Age Category	No Prenatal Care		are Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
15 to 19	49	1.1	645	14.0	215	4.7	3,620	78.3	44	1.0	48	1.0		
20 to 24	177	1.0	4,221	23.0	756	4.1	12,643	68.8	327	1.8	264	1.4		
25 to 29	196	0.7	10,756	36.6	845	2.9	15,259	51.9	1,721	5.9	604	2.1		
30 to 34	149	0.4	18,701	53.5	581	1.7	11,950	34.2	2,642	7.6	906	2.6		
35 to 39	66	0.3	13,345	58.0	303	1.3	6,886	29.9	1,721	7.5	680	3.0		
40 to 44	21	0.4	3,313	56.0	78	1.3	1,975	33.4	360	6.1	168	2.8		
Total	658	0.6	50,981	43.9	2,778	2.4	52,333	45.0	6,815	5.9	2,670	2.3		

Total Live
Births to
Mothers Age 15
44 Years

4,621
18,388
29,381
34,929
23,001
5,915
116,235



Los Angeles County, 2017											
Mother's Age Category	Gestational Age										
	Very Preterm		Moderate Preterm		Term 37-41 weeks		Post-Term 42+ weeks		Gestational Age Unknown		
											Number
	15 to 19	55	1.2	305	6.6	4,248	91.9	10	0.2	<5	N/C
20 to 24	198	1.1	1,329	7.2	16,801	91.4	44	0.2	16	0.1	
25 to 29	338	1.2	2,076	7.1	26,900	91.6	58	0.2	9	0.0	
30 to 34	437	1.3	2,608	7.5	31,761	90.9	116	0.3	7	0.0	
35 to 39	367	1.6	1,948	8.5	20,611	89.6	68	0.3	7	0.0	
40 to 44	133	2.2	629	10.6	5,122	86.6	28	0.5	<5	N/C	
Total	1,528	1.3	8,895	7.7	105,443	90.7	324	0.3	45	0.0	

Total Live Births to Mothers Age 15-44 Years
4,621
18,388
29,381
34,929
23,001
5,915
116,235

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 estimation of gestation.