

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

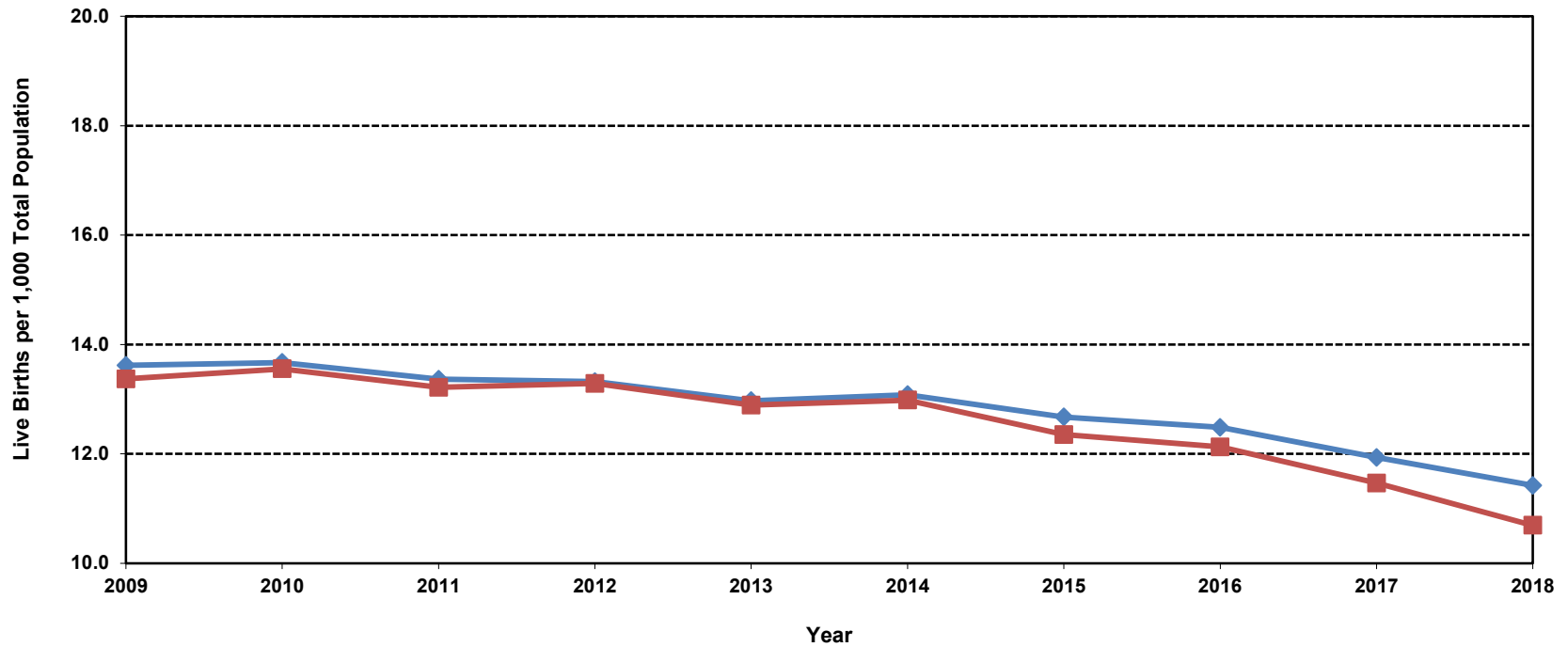
Year	California				Los Angeles County			
	Total Live Births		95% Confidence Interval		Total Live Births		95% Confidence Interval	
	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
2009	526,774	13.6	13.6	13.7	139,679	13.4	13.3	13.4
2010	509,979	13.7	13.6	13.7	133,160	13.6	13.5	13.6
2011	502,023	13.4	13.3	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
2014	502,973	13.1	13.0	13.1	130,150	13.0	12.9	13.1
2015	491,748	12.7	12.6	12.7	124,507	12.4	12.3	12.4
2016	488,827	12.5	12.4	12.5	122,941	12.1	12.1	12.2
2017	471,658	11.9	11.9	12.0	116,850	11.5	11.4	11.5
2018	454,920	11.4	11.4	11.5	109,893	10.7	10.6	10.8

Denominator: Total Population		
Year	California	LA County
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
2014	38,451,604	10,025,578
2015	38,801,063	10,081,144
2016	39,159,891	10,137,925
2017	39,524,684	10,190,449
2018	39,825,181	10,278,836

Sources: California Department of Public Health, Birth Statistical Master Files, 2009-2017
 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20
 California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender"Race/Ethnic Population with Age and Sex Detail, 2000-2050", Sacramento, California, July 2007
 California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender"Race/Ethnic Population with Age and Sex Detail 2010-2060", Sacramento, California, January 2017
 California Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender"Race/Ethnic Population with Age and Sex Detail 2010-2060", Sacramento, California, May 2019

Live Birth Rate California vs. Los Angeles County, 2009-2018

California Los Angeles County



Sources: California Department of Public Health, Birth Statistical Master Files, 2009-2017
2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

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

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

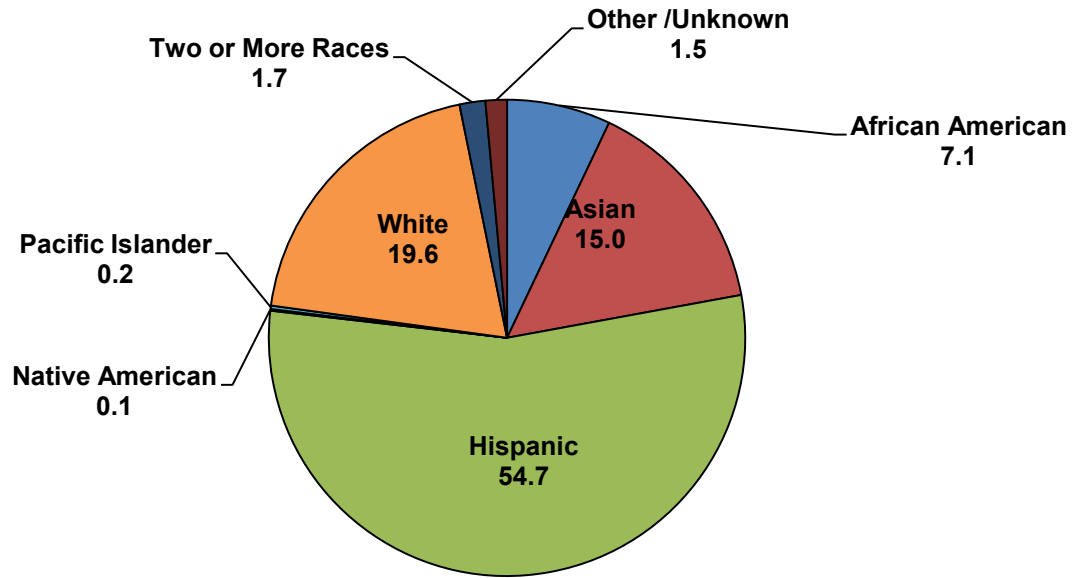
HEALTHY PEOPLE 2020 OBJECTIVE: None

RISK FACTORS: Not applicable

Mother's Race/Ethnicity	Los Angeles County, 2018				Denominator: Total Live Births 2018
	Live Births		95% Confidence Interval		
	Number	Percent	Lower	Upper	
African American	7,761	7.1	6.9	7.2	LA County
Asian	16,532	15.0	14.8	15.3	109,893
Hispanic	60,133	54.7	54.4	55.0	109,893
Native American	124	0.1	0.1	0.1	109,893
Pacific Islander	258	0.2	0.2	0.3	109,893
White	21,581	19.6	19.4	19.9	109,893
Two or more races	1,908	1.7	1.7	1.8	109,893
Other/Unknown	1,596	1.5	1.4	1.5	109,893
Total	109,893	100.0	100.0	100.0	109,893

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births by Mother's Race/Ethnicity
Los Angeles County, 2018**



Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

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

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, 2009-2018																	
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
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	N/A	N/C	494,392
2014	25,230	5.0	74,880	14.9	237,326	47.2	1,765	0.4	2,017	0.4	138,417	27.5	11,579	2.3	N/A	N/C	502,973
2015	N/A	N/C	N/A	N/C	N/A	N/C	N/A	N/C	N/A	N/C	N/A	N/A	N/C	N/C	N/A	N/C	491,748
2016	23,936	4.9	73,843	15.1	228,982	46.8	1,447	0.3	1,851	0.4	132,780	27.2	17,220	3.5	N/A	N/C	488,827
2017	23,441	5.0	72,049	15.3	220,122	46.7	1,411	0.3	1,809	0.4	127,822	27.1	16,962	3.6	N/A	N/C	471,658
2018	24,665	5.4	73,760	16.2	211,271	46.4	2,272	0.5	1,963	0.4	123,139	27.1	17,034	3.7	N/A	N/C	454,920

Sources: California Department of Public Health, Birth Statistical Master Files, 2009-2017
2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

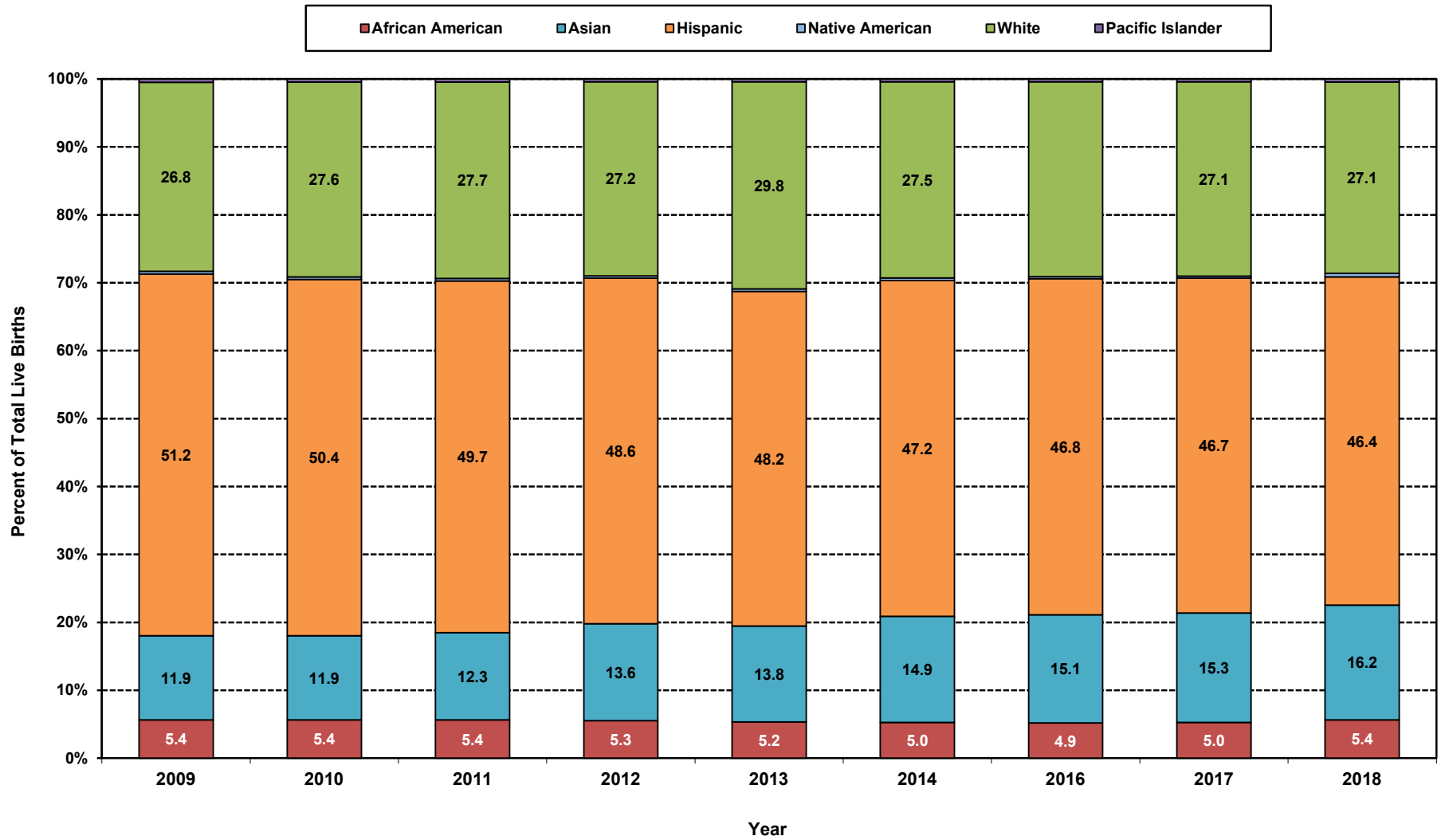
Notes: California "Other/Unknown" category data not available for 2013-2018
California Race/ethnicity data not available for 2015.

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

Los Angeles County Live Births, 2009-2018																	
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
2009	10,589	8.0	15,729	11.8	86,642	65.1	202	0.2	450	0.3	23,150	17.4	1,762	1.3	1,155	0.9	133,160
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
2014	9,069	7.0	22,287	17.1	71,566	55.0	143	0.1	299	0.2	23,327	17.9	2,020	1.6	1,439	1.1	130,150
2015	8,497	6.8	19,113	15.4	69,724	56.0	156	0.1	304	0.2	23,169	18.6	1,965	1.6	1,579	1.3	124,507
2016	8,425	6.9	19,608	15.9	67,666	55.0	140	0.1	280	0.2	22,808	18.6	2,005	1.6	2,009	1.6	122,941
2017	8,064	6.9	18,490	15.8	64,091	54.8	160	0.1	260	0.2	22,185	19.0	2,069	1.8	1,531	1.3	116,850
2018	7,761	7.1	16,532	15.0	60,133	54.7	124	0.1	258	0.2	21,581	19.6	1,908	1.7	1,596	1.5	109,893

Sources: California Department of Public Health, Birth Statistical Master Files, 2009-2017
 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

Distribution of Live Births by Mother's Race/Ethnicity California, 2008-2018



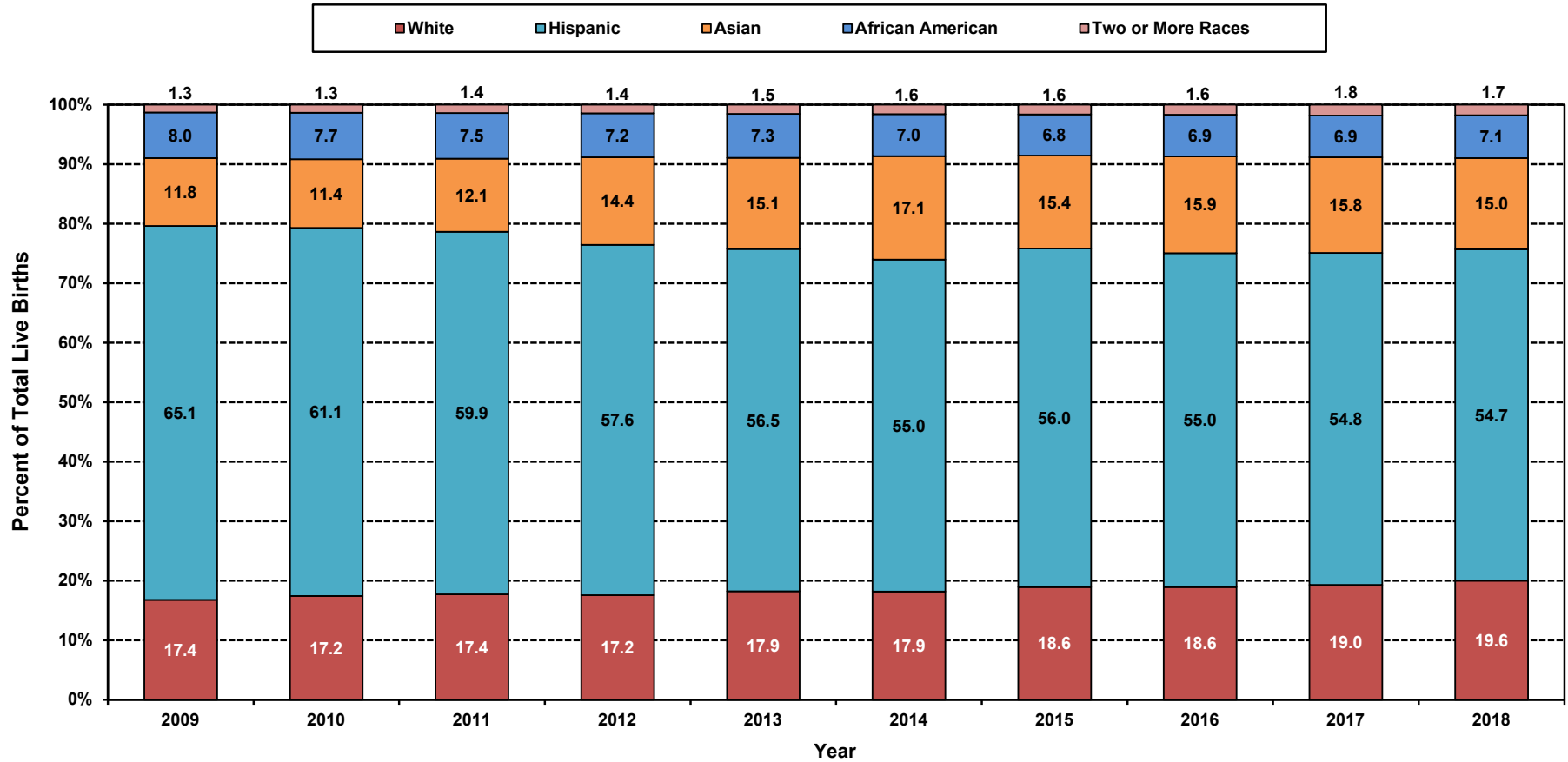
Sources: California Department of Public Health, Birth Statistical Master Files, 2009-2017

2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

Notes: California "Other/Unknown" category data not available for 2013-2018

California Race/ethnicity data not available for 2015.

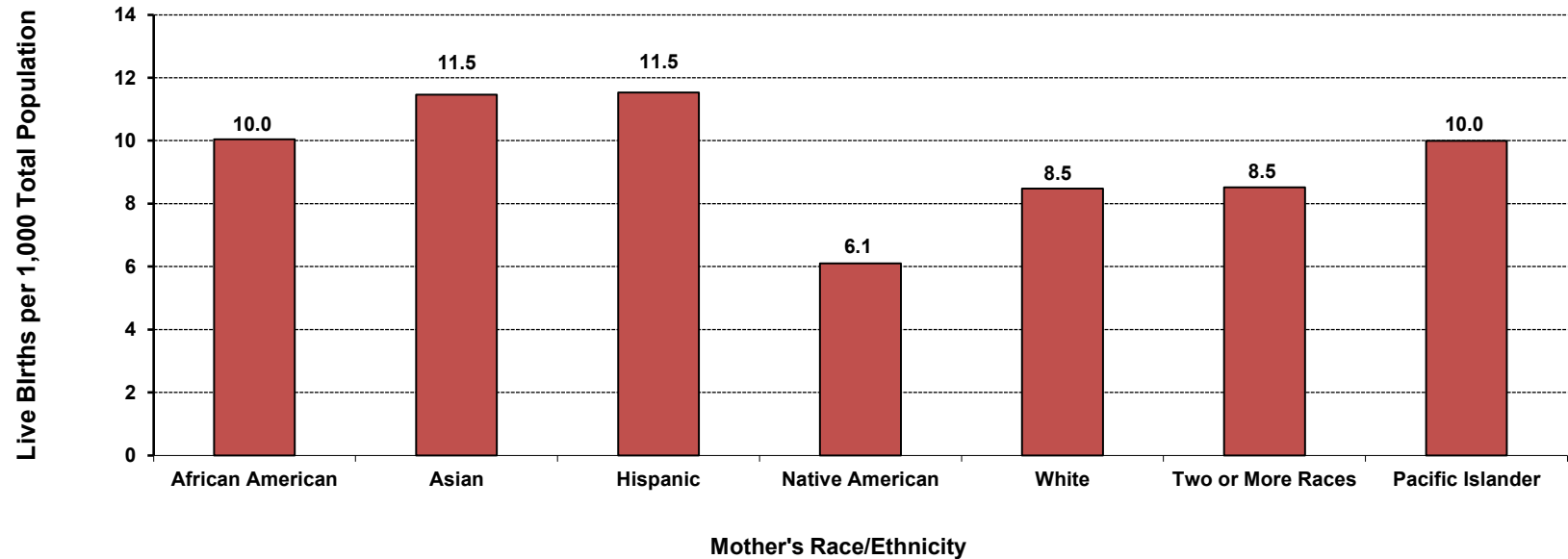
Distribution of Live Births by Mother's Race/Ethnicity Los Angeles County, 2008-2018



Sources: California Department of Public Health, Birth Statistical Master Files, 2009-2017

2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Live Birth Rate by Mother's Race/Ethnicity
Los Angeles County, 2018**



Los Angeles County, 2018				
Mother's Race/Ethnicity	Live Births		95% Confidence Interval	
	Number	Rate	Lower	Upper
African American	7,761	10.0	9.8	10.3
Asian	16,532	11.5	11.3	11.6
Hispanic	60,133	11.5	11.4	11.6
Native American	124	6.1	5.0	7.2
White	21,581	8.5	8.4	8.6
Two or More Races	1,908	8.5	8.1	8.9
Other/Unknown	1,596	N/C	N/C	N/C
Pacific Islander	258	10.0	8.8	11.2
Total	109,893	10.7	10.7	10.8

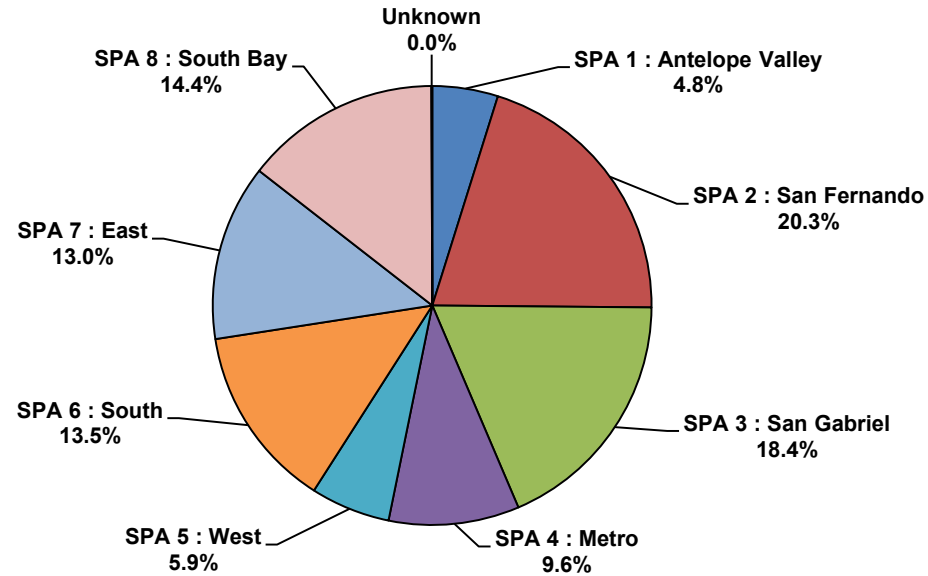
Total Population
773,042
1,441,941
5,216,529
20,334
2,544,600
224,048
N/C
25,819
10,246,313

Note: Total population estimates for "Other/Unknown" category not available at the time of publication of this report.

Sources: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 2010-2060", Sacramento, California, May 2019

**Distribution of Live Births by Service Planning Area (SPA)
Los Angeles County, 2018**

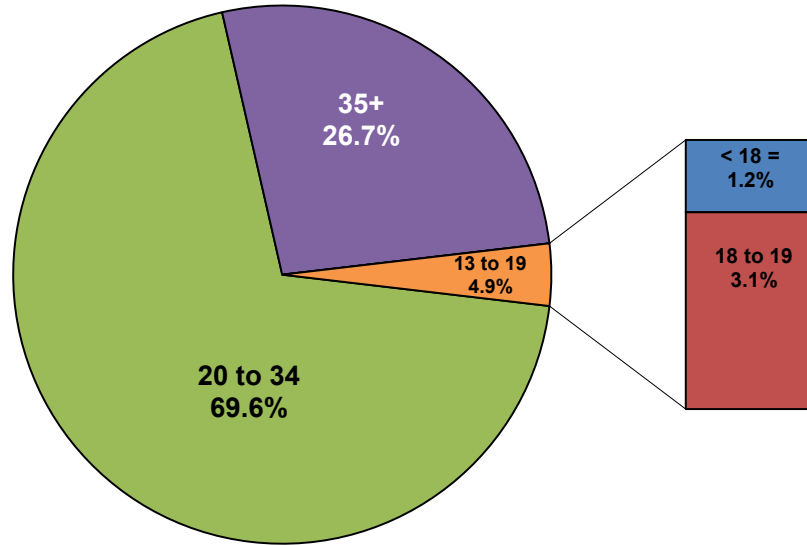


Los Angeles County, 2018				
Service Planning Area (SPA)	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
SPA 1 : Antelope Valley	5,327	4.8	4.7	5.0
SPA 2 : San Fernando	22,305	20.3	20.1	20.5
SPA 3 : San Gabriel	20,259	18.4	18.2	18.7
SPA 4 : Metro	10,558	9.6	9.4	9.8
SPA 5 : West	6,449	5.9	5.7	6.0
SPA 6 : South	14,826	13.5	13.3	13.7
SPA 7 : East	14,268	13.0	12.8	13.2
SPA 8 : South Bay	15,847	14.4	14.2	14.6
Unknown	54	0.05	0.04	0.06
Total	109,893	100.0	100.0	100.0

Notes: The residential address of the mother was used to allocate live births to corresponding SPA.
Published statistics based on other corresponding tables may vary when compared. Records that cannot be assigned to any SPA are classified "Unknown".

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

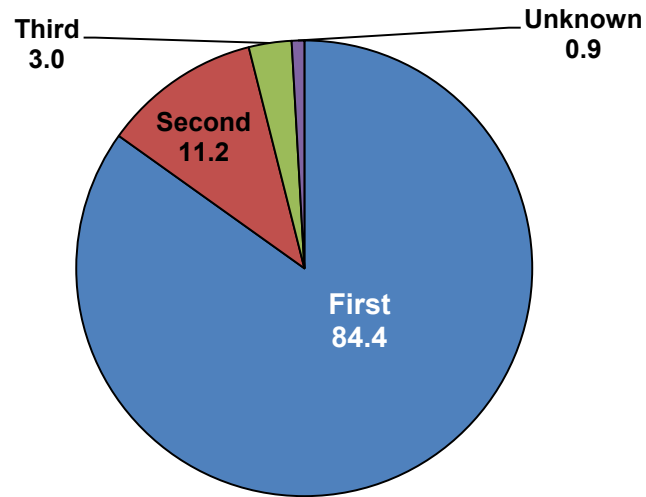
**Distribution of Live Births by Mother's Age
Los Angeles County, 2018**



Los Angeles County, 2018				
Mother's Age	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
< 18	1,092	1.0	0.9	1.1
18 to 19	2,986	2.7	2.6	2.8
20 to 34	76,448	69.6	69.3	69.8
35+	29,356	26.7	26.5	27.0
Other/Unknown	11	0.01	0.00	0.02
Total	109,893	100.0	100.0	100.0

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2018**

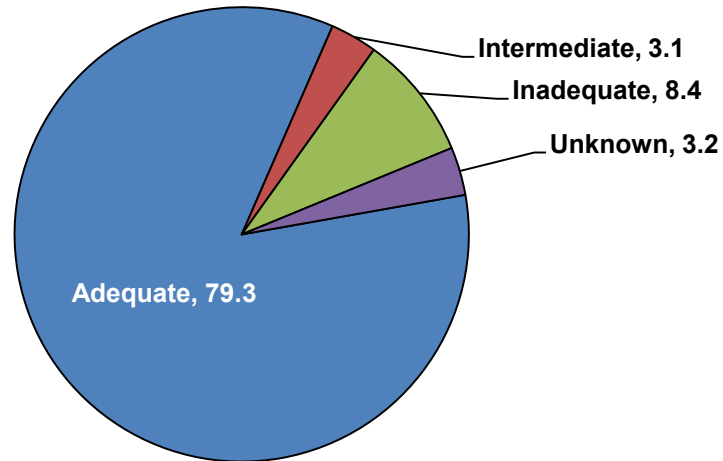


Los Angeles County, 2018				
Mother's Trimester Prenatal Care Began	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	623	0.6	0.5	0.6
First	92,721	84.4	84.2	84.6
Second	12,266	11.2	11.0	11.3
Third	3,322	3.0	2.9	3.1
Unknown	961	0.9	0.8	0.9
Total	109,893	100.0	100.0	100.0

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.

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Adequacy of Prenatal Care Utilization (APNCU) Index
Los Angeles County, 2018**

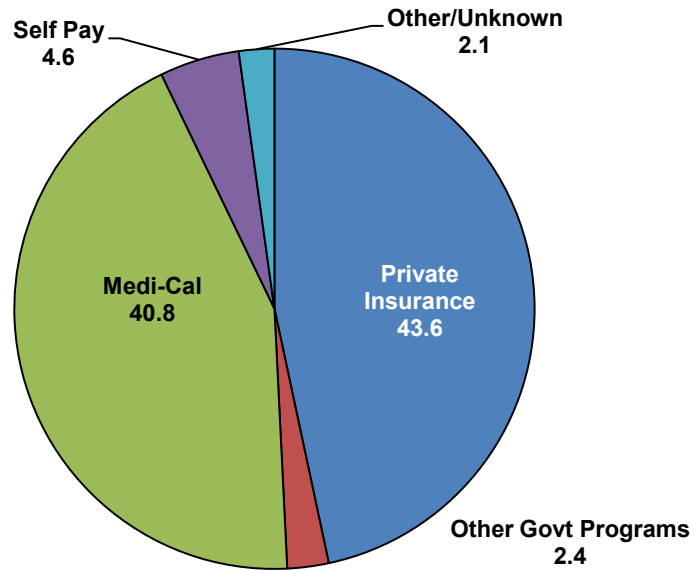


Los Angeles County, 2018				
Adequacy of Prenatal Care Utilization Index (APNCU)	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Adequate	92,684	79.3	79.1	79.6
Intermediate	3,662	3.1	3.0	3.2
Inadequate	9,774	8.4	8.2	8.5
Unknown	3,773	3.2	3.1	3.3
Total	109,893	100.0	100.0	100.0

Notes: 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: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2018**

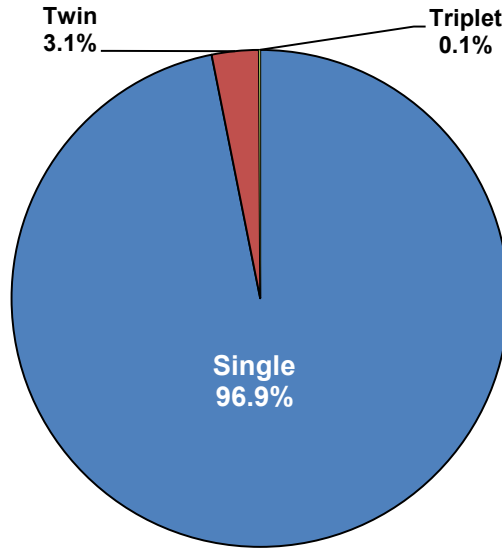


Los Angeles County, 2018				
Source of Payment for Prenatal Care	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Private Insurance	50,988	43.6	43.4	43.9
Other Govt Programs	2,804	2.4	2.3	2.5
Medi-Cal	47,667	40.8	40.5	41.1
Self Pay	5,410	4.6	4.5	4.8
Other/Unknown	2,401	2.1	2.0	2.1
No Prenatal Care	623	100.0		
Total	109,270	100.0	100.0	100.0

Note: "Source of Payment for Prenatal Care (PNC)" excludes women who did not receive prenatal care (n=623) and the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

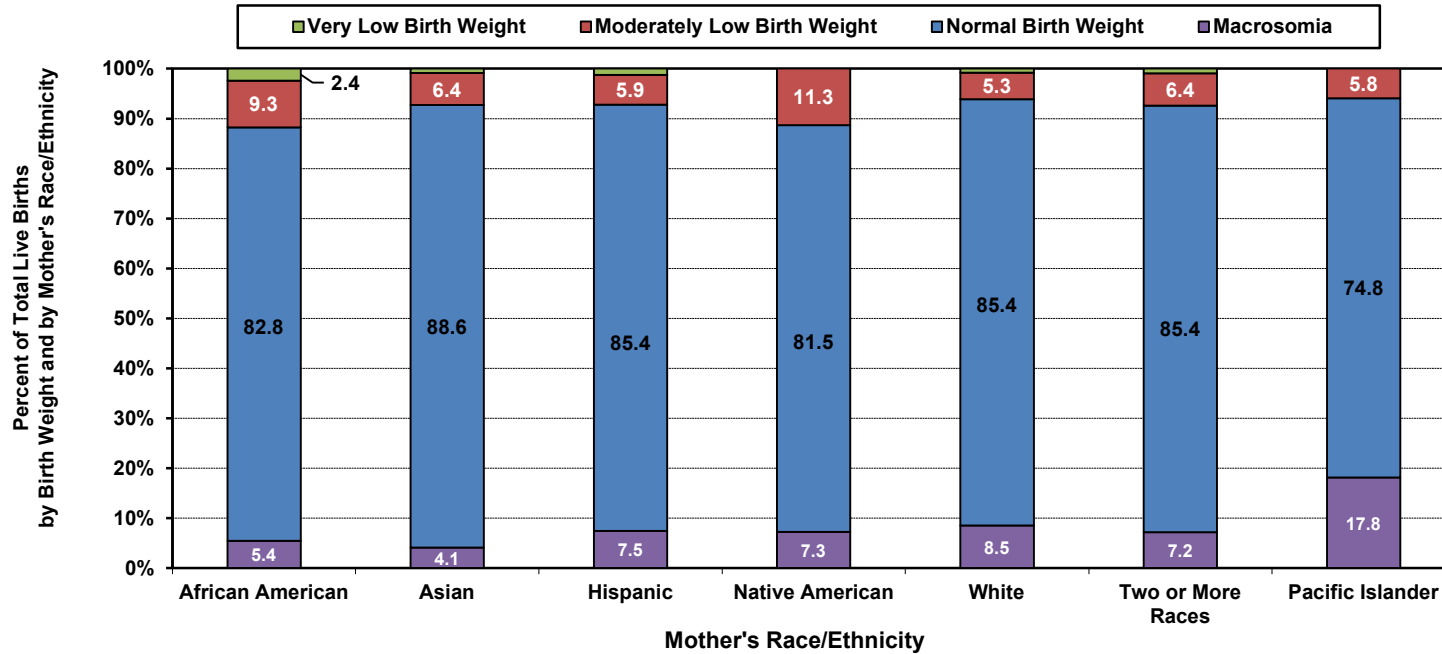
**Distribution of Live Births by Type of Birth
Los Angeles County, 2018**



Los Angeles County, 2018				
Birth Type	Live Births		95% Confidence Interval	
	Number	Percent	Lower	Upper
Single	106,444	96.9	96.8	97.0
Twin	3,367	3.1	3.0	3.2
Triplet	74	0.1	0.1	0.1
Quadruplet	<5	N/C	N/C	N/C
Total	109,885	100.0	100.0	100.0

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

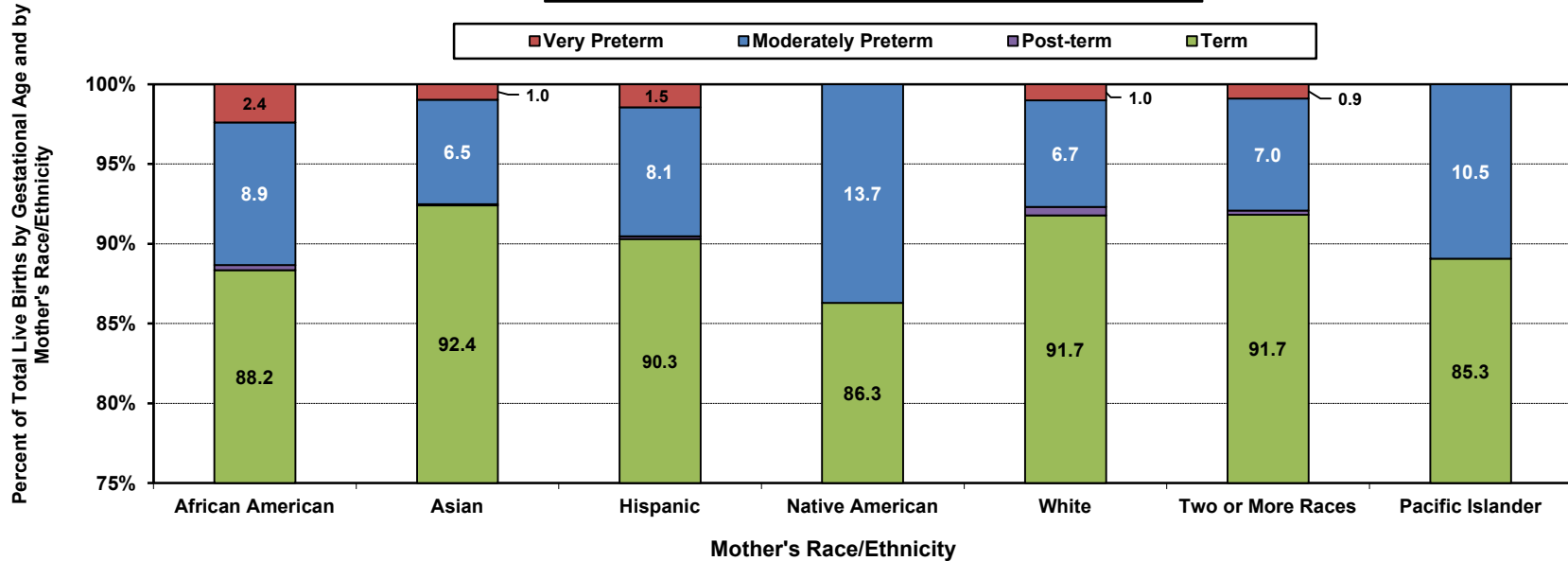
**Distribution of Live Births
by Birth Weight and by Mother's Race/Ethnicity
Los Angeles County, 2018**



Los Angeles County, 2018									
Mother's Race/Ethnicity	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		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	
African American	186	2.4	724	9.3	6,428	82.8	422	5.4	7,761
Asian	144	0.9	1,059	6.4	14,653	88.6	675	4.1	16,532
Hispanic	741	1.2	3,572	5.9	51,334	85.4	4,486	7.5	60,133
Native American	<5	N/C	14	11.3	101	81.5	9	7.3	124
White	175	0.8	1,145	5.3	18,421	85.4	1,840	8.5	21,581
Two or More Races	18	0.9	123	6.4	1,630	85.4	137	7.2	1,908
Other /Unknown	37	2.3	122	7.6	1,322	82.8	115	7.2	1,596
Pacific Islander	<5	N/C	15	5.8	193	74.8	46	17.8	258
Total	1,305	1.4	6,774	7.3	94,082	83.3	7,730	8.1	109,893

Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.
Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Gestational Age and by Mother's Race/Ethnicity
Los Angeles County, 2018**



Los Angeles County, 2018										
Mother's Race/Ethnicity	Very Preterm		Moderately 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
African American	185	2.4	694	8.9	6,848	88.2	24	0.3	<5	N/C
Asian	161	1.0	1,082	6.5	15,275	92.4	11	0.1	<5	N/C
Hispanic	872	1.5	4,861	8.1	54,273	90.3	99	0.2	28	0.0
Native American	<5	N/C	17	13.7	107	86.3	<5	N/C	<5	N/C
White	217	1.0	1,441	6.7	19,797	91.7	116	0.5	10	0.0
Two or More Races	17	0.9	134	7.0	1,750	91.7	5	0.3	<5	N/C
Other /Unknown	38	2.4	146	9.1	1,390	87.1	6	0.4	16	1.0
Pacific Islander	<5	N/C	27	10.5	220	85.3	<5	N/C	<5	N/C
Total	1,490	1.4	8,402	7.6	99,660	90.7	261	0.2	54	0.0

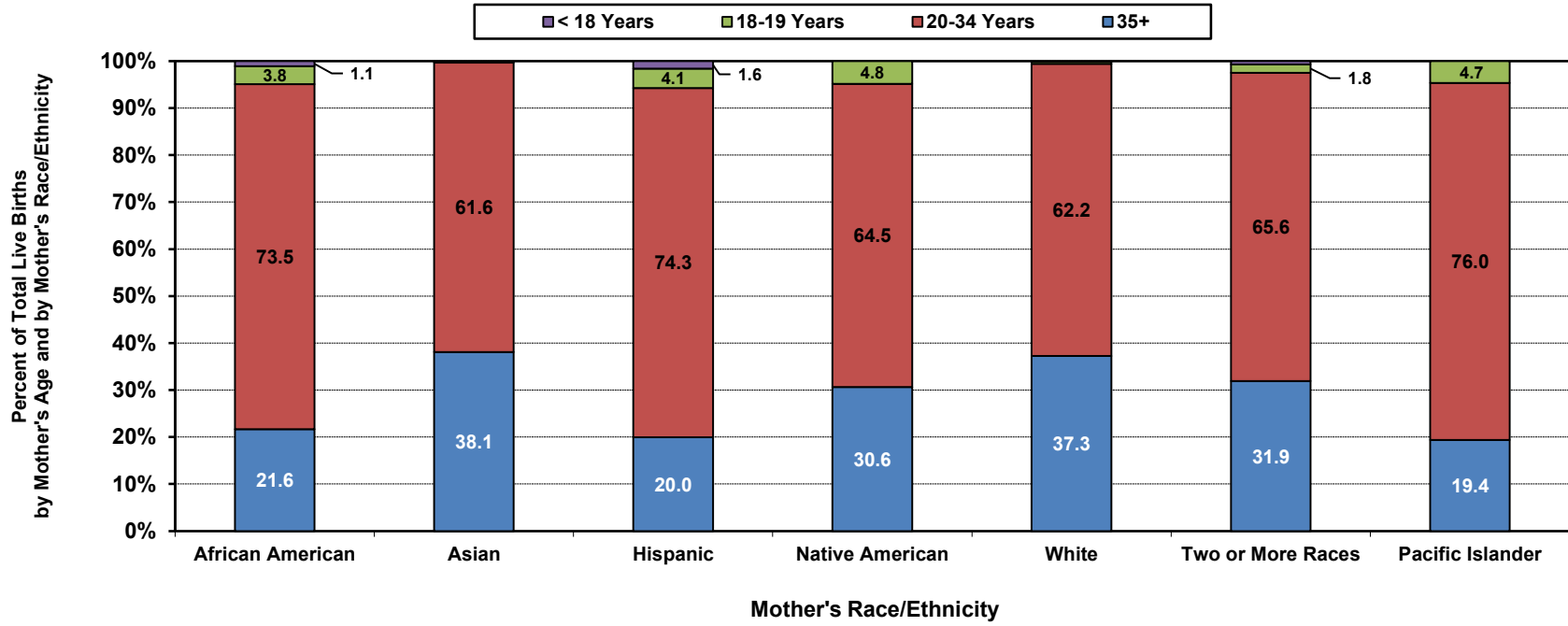
Total Live Births
7,761
16,532
60,133
124
21,581
1,908
1,596
258
109,893

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

"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.

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Mother's Age and by Mother's Race/Ethnicity
Los Angeles County, 2018**

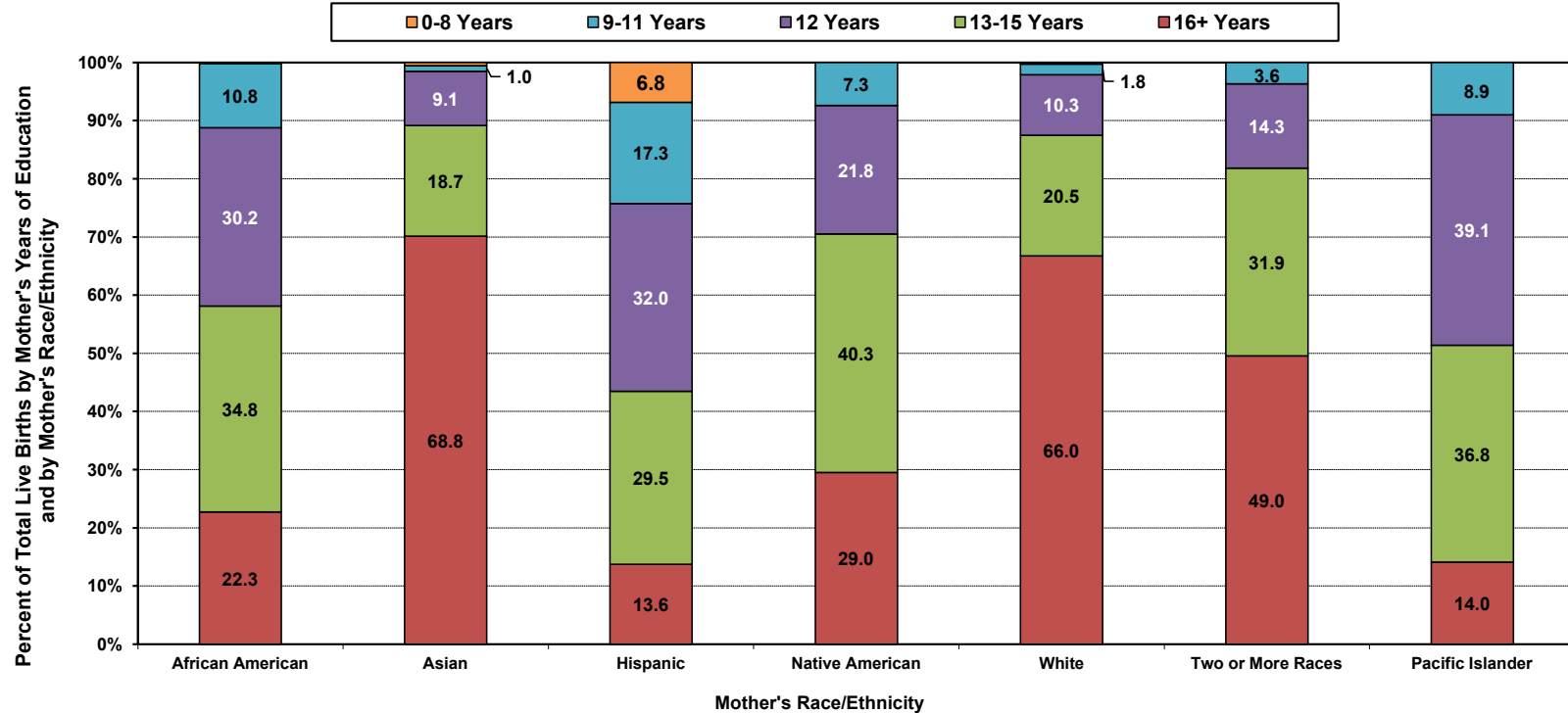


Los Angeles County, 2018										
Mother's Race/Ethnicity	Mother's Age									
	< 18		18 - 19		20 - 34		35+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	85	1.1	293	3.8	5,703	73.5	1,679	21.6	<5	N/C
Asian	8	0.0	41	0.2	10,187	61.6	6,296	38.1	<5	N/C
Hispanic	954	1.6	2,481	4.1	44,700	74.3	11,998	20.0	<5	N/C
Native American	<5	N/C	6	4.8	80	64.5	38	30.6	<5	N/C
White	23	0.1	97	0.4	13,419	62.2	8,041	37.3	<5	N/C
Two or More Races	13	0.7	34	1.8	1,252	65.6	609	31.9	<5	N/C
Other /Unknown	9	0.6	22	1.4	911	57.1	645	40.4	9	0.6
Pacific Islander	<5	N/C	12	4.7	196	76.0	50	19.4	<5	N/C
Total	1,092	1.0	2,986	2.7	76,448	69.6	29,356	26.7	11	0.01

Total Live Births
7,761
16,532
60,133
124
21,581
1,908
1,596
258
109,893

Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.
Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

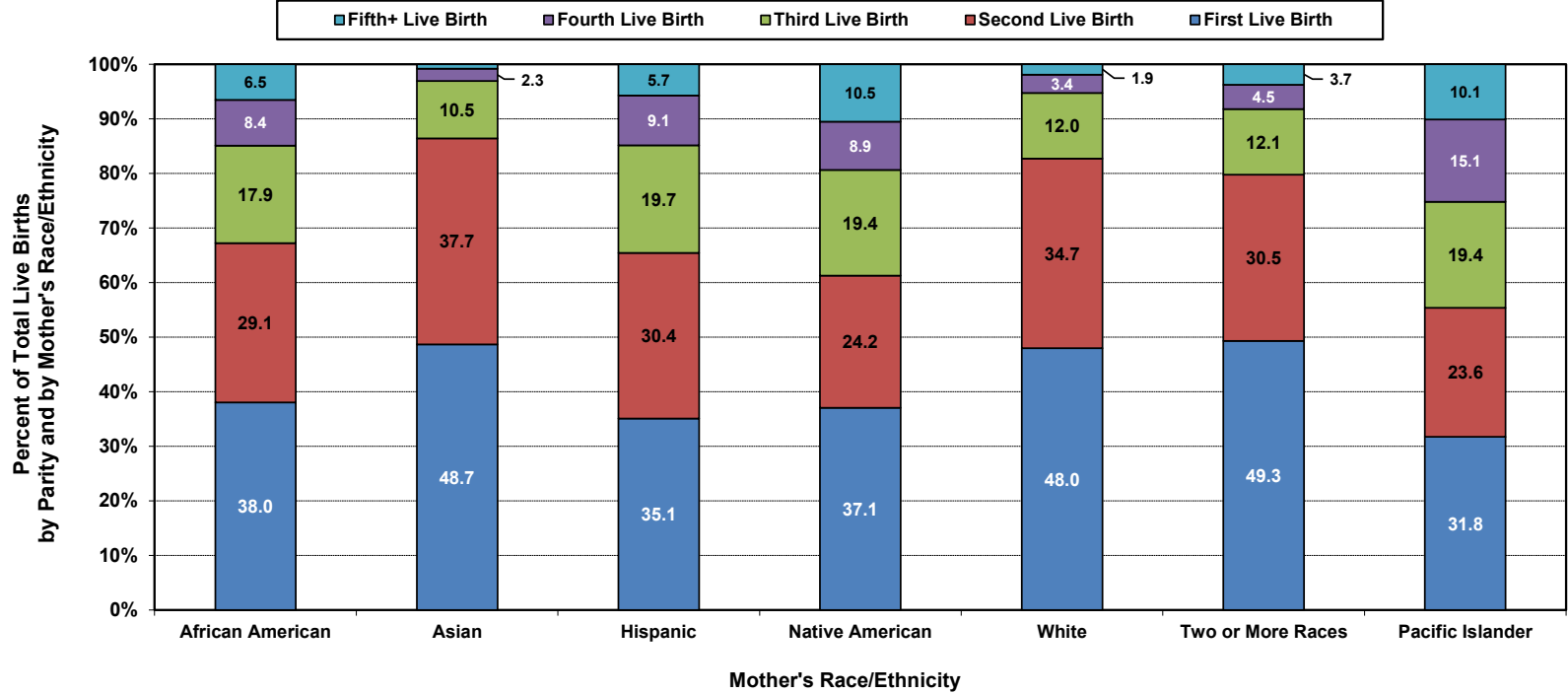
**Distribution of Live Births
by Mother's Years of Education and by Mother's Race/Ethnicity
Los Angeles County, 2018**



Los Angeles County, 2018													Total Live Births
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	12	0.2	842	10.8	2,342	30.2	2,699	34.8	1,734	22.3	132	1.7	7,761
Asian	88	0.5	158	1.0	1,512	9.1	3,092	18.7	11,382	68.8	300	1.8	16,532
Hispanic	4,079	6.8	10,387	17.3	19,262	32.0	17,735	29.5	8,202	13.6	468	0.8	60,133
Native American	<5	N/C	9	7.3	27	21.8	50	40.3	36	29.0	<5	N/C	124
White	55	0.3	390	1.8	2,220	10.3	4,427	20.5	14,242	66.0	247	1.1	21,581
Two or More Races	<5	N/C	69	3.6	273	14.3	609	31.9	934	49.0	20	1.0	1,908
Other/unknown	4	0.3	27	1.7	84	5.3	142	8.9	316	19.8	1,023	64.1	1,596
Pacific Islander	<5	N/C	23	8.9	101	39.1	95	36.8	36	14.0	<5	N/C	258
Total	4,238	3.9	11,905	10.8	25,821	23.5	28,849	27.7	36,882	33.6	2,190	2.0	109,893

Note: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.
Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Parity and by Mother's Race/Ethnicity
Los Angeles County, 2018**

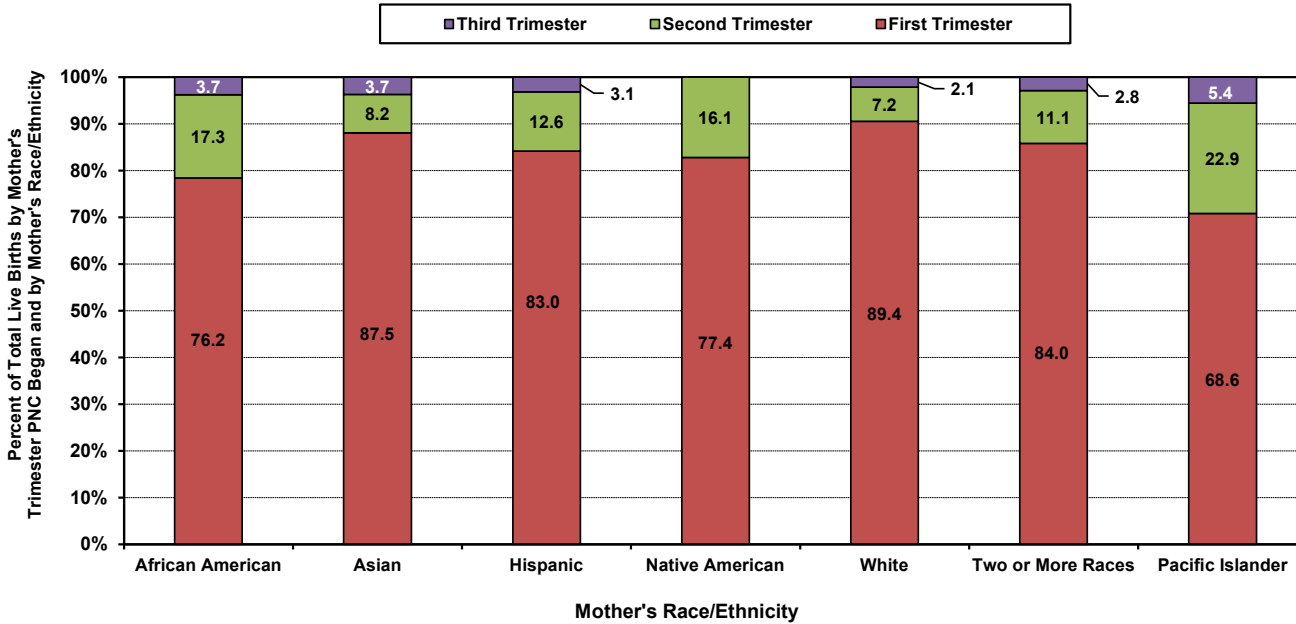


Los Angeles County, 2018												
Mother's Race/Ethnicity	Parity											
	First Live Birth		Second Live Birth		Third Live Birth		Fourth Live Birth		Fifth+ Live Birth		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	2,953	38.0	2,260	29.1	1,389	17.9	650	8.4	502	6.5	7	0.1
Asian	8,050	48.7	6,238	37.7	1,737	10.5	375	2.3	130	0.8	2	0.0
Hispanic	21,113	35.1	18,256	30.4	11,844	19.7	5,476	9.1	3,433	5.7	11	0.0
Native American	46	37.1	30	24.2	24	19.4	11	8.9	13	10.5	<5	N/C
White	10,357	48.0	7,492	34.7	2,592	12.0	734	3.4	400	1.9	6	0.0
Two or More Races	941	49.3	581	30.5	230	12.1	85	4.5	71	3.7	<5	N/C
Other/unknown	731	45.8	442	27.7	187	11.7	96	6.0	86	5.4	54	3.4
Pacific Islander	82	31.8	61	23.6	50	19.4	39	15.1	26	10.1	<5	N/C
Total	44,273	40.3	35,360	32.2	18,053	16.4	7,466	6.8	4,661	4.2	80	0.1

Total Live Births
7,761
16,532
60,133
124
21,581
1,908
1,596
258
109,893

Notes: Parity = number of pregnancies resulting in live births to a woman.
 Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.
 Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

Distribution of Live Births by Mother's Trimester Prenatal Care (PNC) Began and by Mother's Race/Ethnicity, Los Angeles County, 2018



Los Angeles County, 2018									
Mother's Race/Ethnicity	Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
	First		Second		Third				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	5,912	76.2	1,344	17.3	284	3.7	126	1.6	7,761
Asian	14,473	87.5	1,359	8.2	608	3.7	75	0.5	16,532
Hispanic	49,897	83.0	7,555	12.6	1,861	3.1	433	0.7	60,133
Native American	96	77.4	20	16.1	<5	N/C	<5	N/C	124
White	19,287	89.4	1,557	7.2	460	2.1	195	0.9	21,581
Two or More Races	1,602	84.0	211	11.1	54	2.8	17	0.9	1,908
Other /Unknown	1,277	80.0	161	10.1	37	2.3	109	6.8	1,596
Pacific Islander	177	68.6	59	22.9	14	5.4	<5	N/C	258
Total	92,721	84.4	12,266	11.2	3,322	3.0	961	0.9	109,893

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.

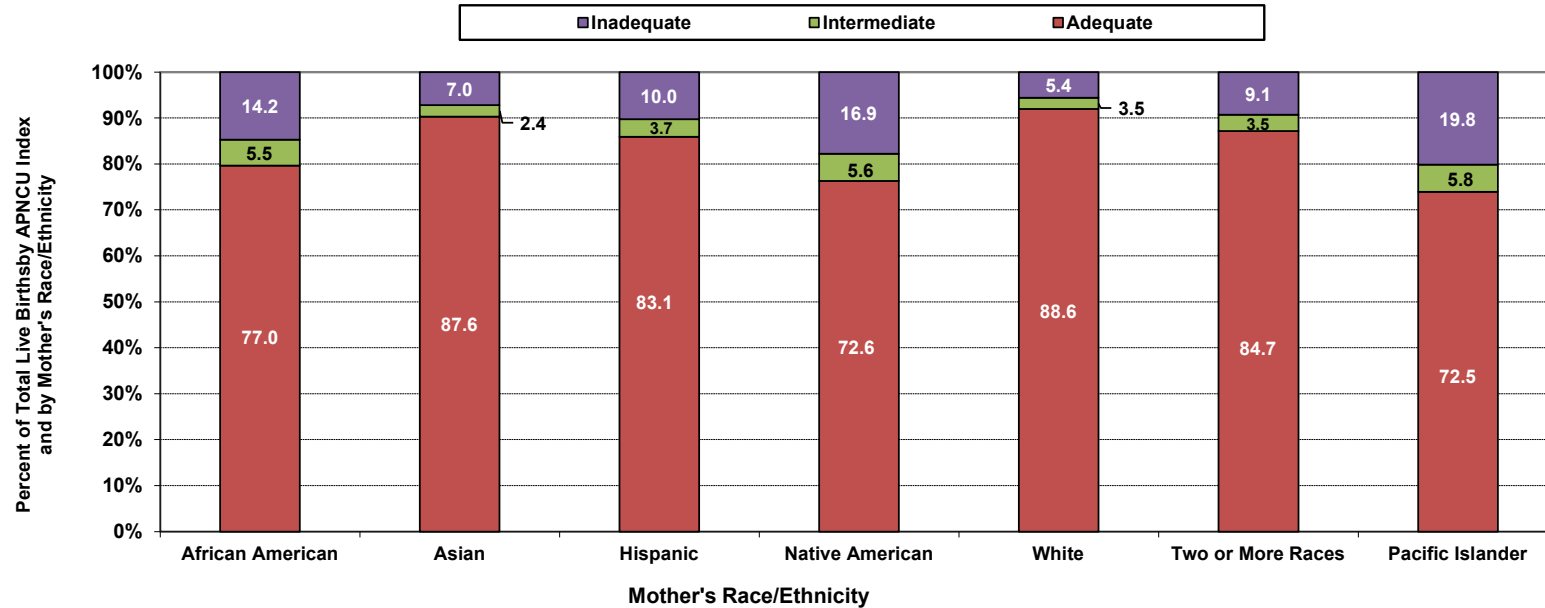
Notes: Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

"Distribution of Live Births Trimester PNC Began and by Race/Ethnicity" excludes women who did not receive prenatal care (n=623).

"Mother's Trimester Prenatal Care Began" excludes the prenatal care experiences of women whose pregnancies did not result in a live birth.

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Adequacy of Prenatal Care Utilization Index and by Mother's Race/Ethnicity
Los Angeles County, 2018**



Los Angeles County, 2018								
Mother's Race/Ethnicity	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
African American	5,974	77.0	426	5.5	1,104	14.2	257	3.3
Asian	14,485	87.6	404	2.4	1,155	7.0	488	3.0
Hispanic	49,941	83.1	2,196	3.7	5,989	10.0	2,007	3.3
Native American	90	72.6	7	5.6	21	16.9	<5	N/C
White	19,115	88.6	505	2.3	1,167	5.4	794	3.7
Two or More Races	1,617	84.7	66	3.5	173	9.1	52	2.7
Other /Unknown	1,275	79.9	43	2.7	114	7.1	164	10.3
Pacific Islander	187	72.5	15	5.8	51	19.8	<5	N/C
Total	92,684	84.3	3,662	3.3	9,774	8.9	3,773	3.4

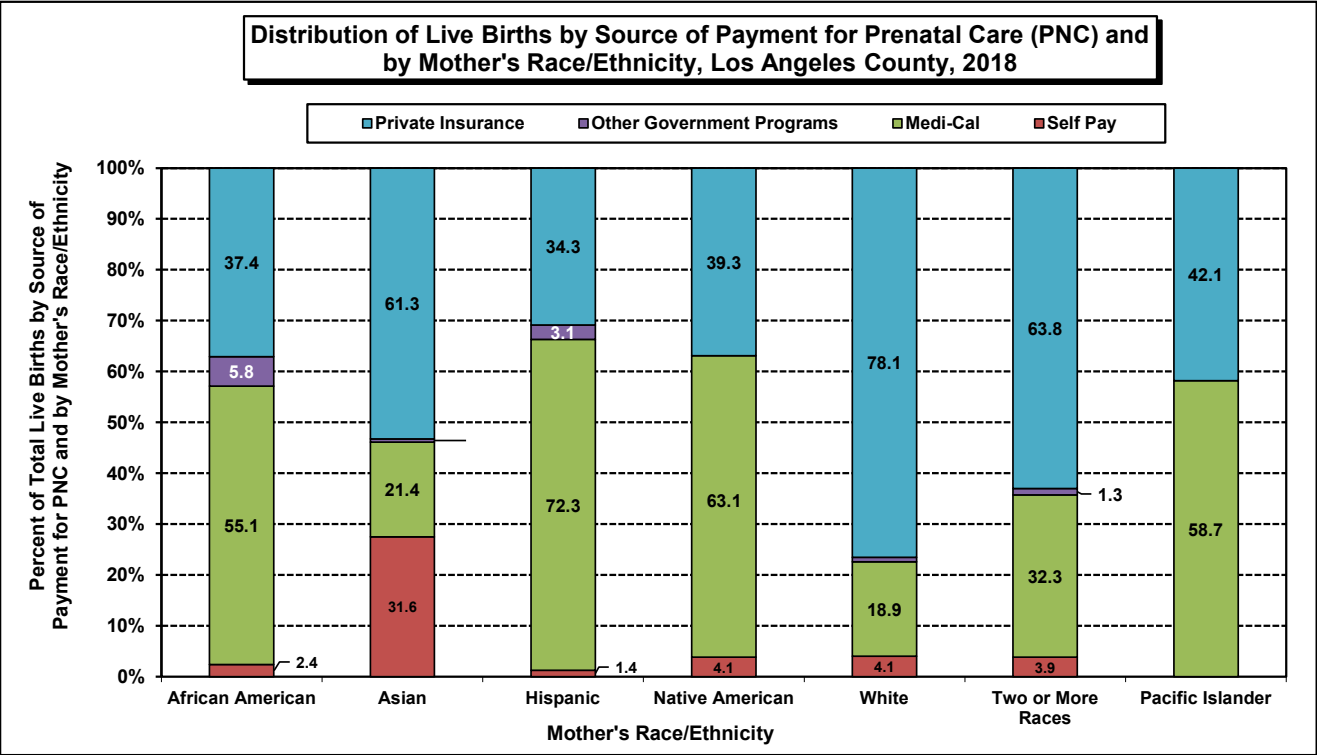
Total Live Births
7,761
16,532
60,133
124
21,581
1,908
1,596
258
109,893

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

Notes: 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.

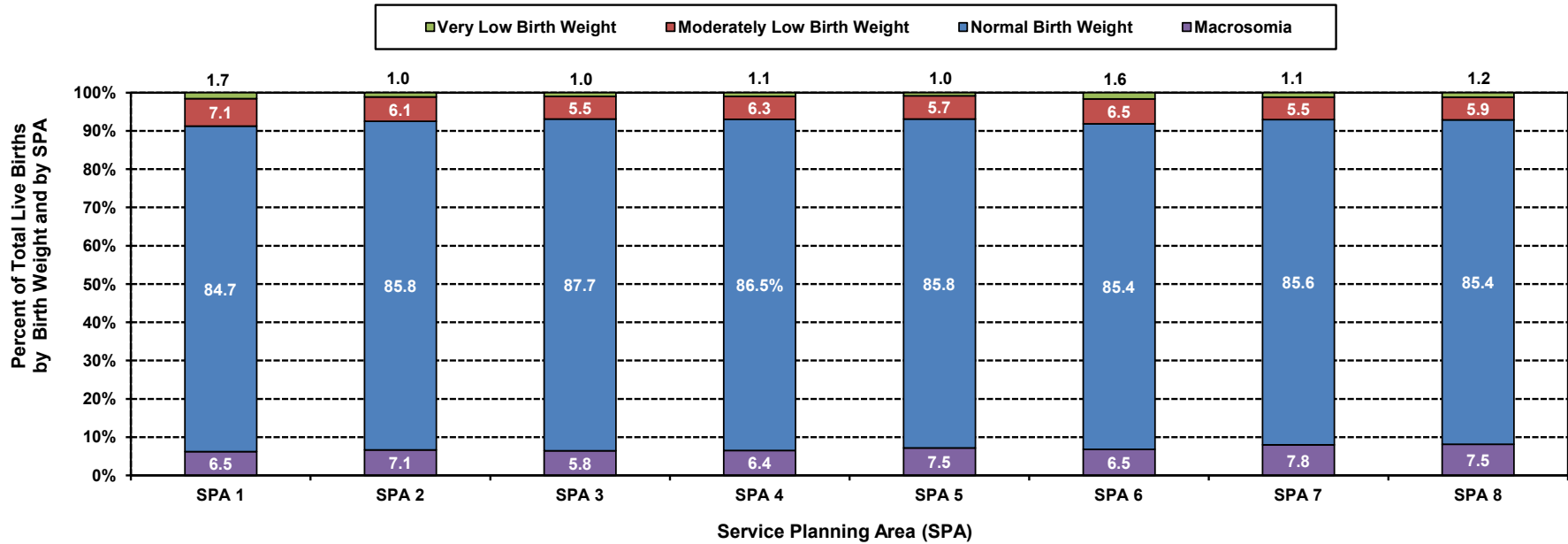
Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20



Los Angeles County, 2018											
Mother's Race/Ethnicity	Source of Payment for Prenatal Care										Total Live Births
	Private Insurance		Other Government Programs		Medi-Cal		Self Pay		Other/Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
African American	2,864	37.4	447	5.8	4,223	55.1	185	2.4	214	2.8	7,666
Asian	10,124	61.3	123	0.7	3,541	21.4	5,224	31.6	560	3.4	16,515
Hispanic	20,505	34.3	1,854	3.1	43,172	72.3	819	1.4	979	1.6	59,746
Native American	48	39.3	<5	N/C	77	63.1	5	4.1	7	5.7	122
White	16,793	78.1	192	0.9	4,069	18.9	885	4.1	797	3.7	21,499
Two or More Races	1,202	63.8	24	1.3	609	32.3	73	3.9	89	4.7	1,884
Other /Unknown	1,296	81.8	25	1.6	481	30.4	70	4.4	117	7.4	1,584
Pacific Islander	107	42.1	<5	N/C	149	58.7	<5	N/C	14	5.5	254
Total	52,939	48.4	2,665	2.4	56,321	51.5	7,261	6.6	2,777	2.5	109,270

Notes: "Source of Payment for Prenatal Care" excludes women who did not receive prenatal care
 Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.
 Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Birth Weight and by Service Planning Area (SPA)
Los Angeles County, 2018**

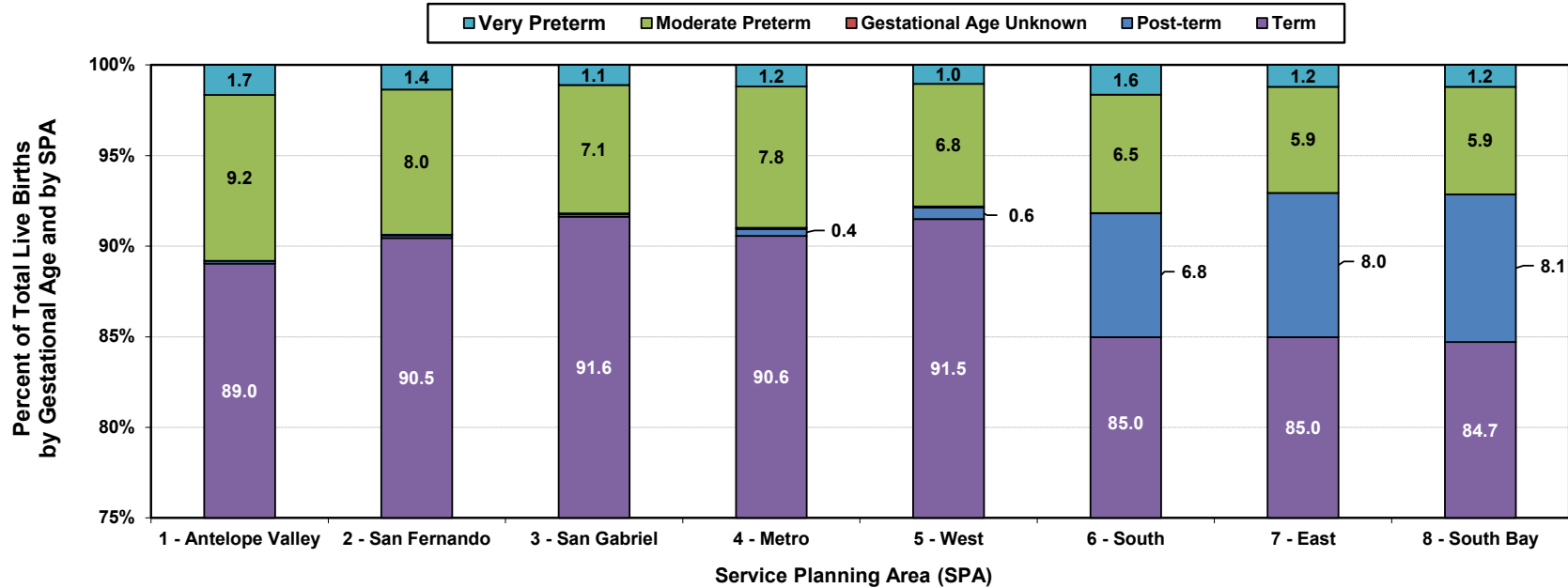


Los Angeles County, 2018									
Service Planning Area (SPA)	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		Macrosomia		Total Live Births
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
1 - Antelope Valley	86	1.6	381	7.2	4,527	85.0	333	6.3	5,327
2 - San Fernando	257	1.2	1,416	6.3	19,144	85.8	1,488	6.7	22,305
3 - San Gabriel	195	1.0	1,210	6.0	17,543	86.6	1,310	6.5	20,259
4 - Metro	109	1.0	627	5.9	9,133	86.5	689	6.5	10,558
5 - West	55	0.9	389	6.0	5,540	85.9	465	7.2	6,449
6 - South	242	1.6	970	6.5	12,599	85.0	1,014	6.8	14,826
7 - East	170	1.2	836	5.9	12,124	85.0	1,138	8.0	14,268
8 - South Bay	191	1.2	940	5.9	13,425	84.7	1,291	8.1	15,847
Unknown	<5	N/C	5	9.3	47	87.0	<5	N/C	54
Total	1,305	1.2	6,774	6.2	94,082	85.6	7,728	7.0	109,893

Note: The residential zip codes of the mother 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 table may vary when compared. Records that cannot be assigned to any SPA are classified as "Unknown".

Sources: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20
National Vital Statistics Reports, Vol. 67, No. 1, January 31, 2018

**Distribution of Live Births
by Gestational Age and by Service Planning Area (SPA)
Los Angeles County, 2018**



Los Angeles County, 2018										
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	88	1.7	488	9.2	4,743	89.0	8	0.2	<5	N/C
2 - San Fernando	302	1.4	1,786	8.0	20,176	90.5	33	0.1	8	0.0
3 - San Gabriel	224	1.1	1,435	7.1	18,564	91.6	30	0.1	6	0.0
4 - Metro	125	1.2	823	7.8	9,562	90.6	41	0.4	7	0.1
5 - West	66	1.0	437	6.8	5,901	91.5	40	0.6	5	0.1
6 - South	242	1.6	970	6.5	12,599	85.0	1,014	6.8	1	0.0
7 - East	170	1.2	836	5.9	12,124	85.0	1,138	8.0	<5	N/C
8 - South Bay	191	1.2	940	5.9	13,425	84.7	1,291	8.1	<5	N/C
Unknown	<5	N/C	5	9.3	47	87.0	<5	N/C	0	0.0
Total	1,408	1.3	7,720	7.0	97,141	88.4	3,597	3.3	27	0.0

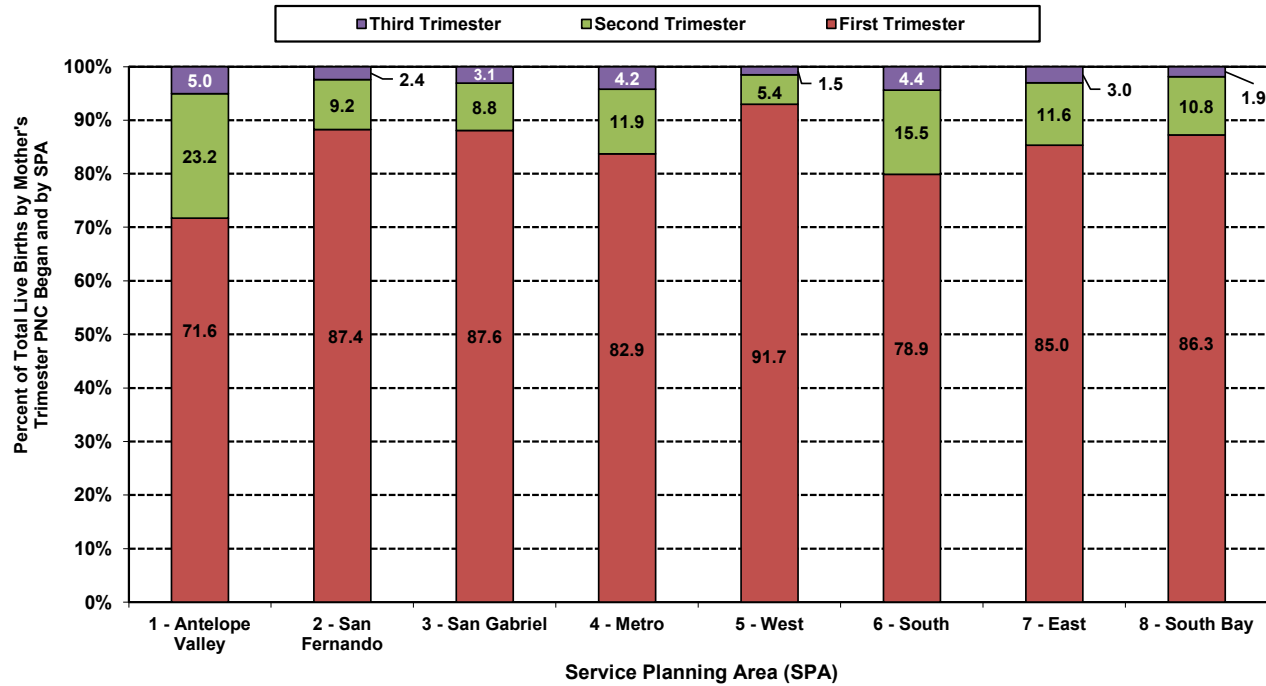
Total Live Births
5,327
22,305
20,259
10,558
6,449
14,826
14,268
15,847
54
109,893

Notes: The residential zip codes of the mother 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 table may vary when compared. Records that cannot be assigned to any SPA are classified as "Unknown".

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

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

Distribution of Live Births by Mother's Trimester Prenatal Care (PNC) Began and by Service Planning Area (SPA), Los Angeles County, 2018



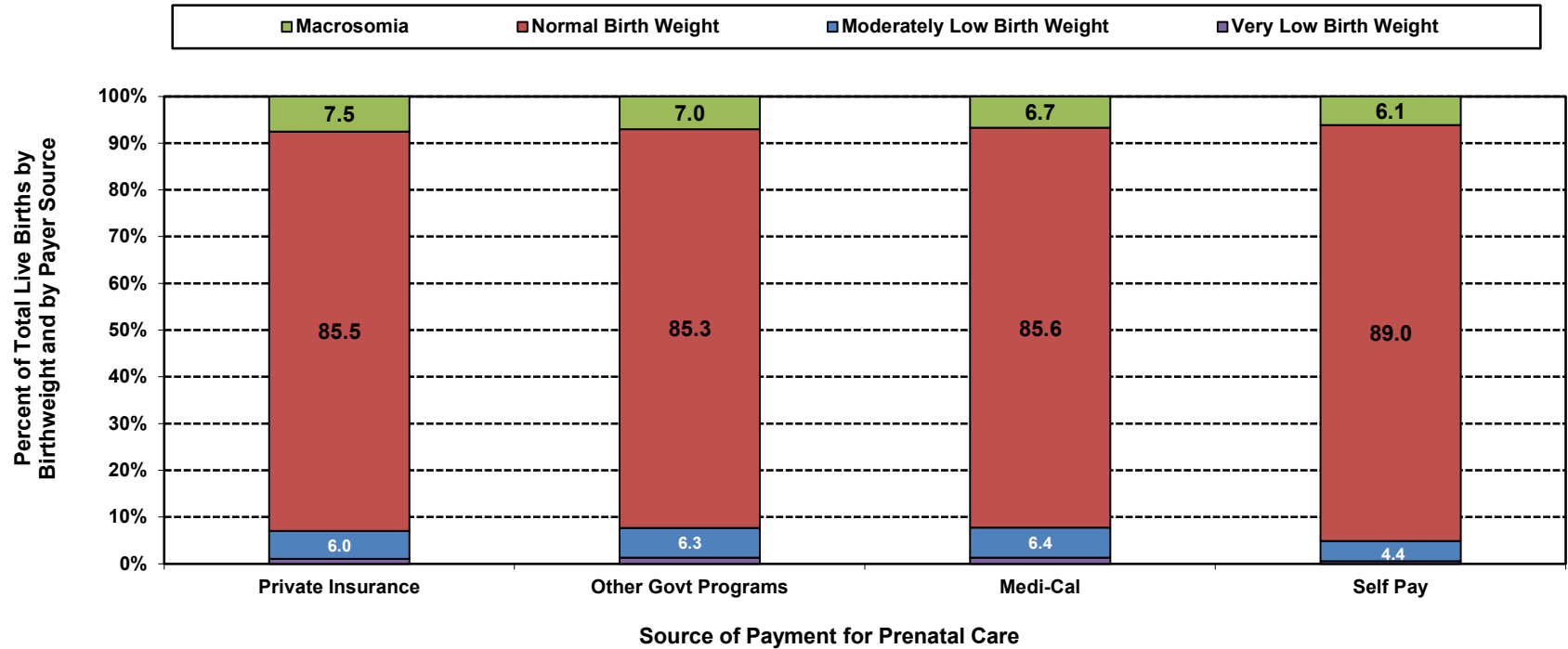
Los Angeles County, 2018									
Service Planning Area (SPA)	Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
	First		Second		Third		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
1 - Antelope Valley	3,730	71.6	1,210	23.2	263	5.0	10	0.2	5,213
2 - San Fernando	19,421	87.4	2,043	9.2	542	2.4	227	1.0	22,233
3 - San Gabriel	17,685	87.6	1,775	8.8	618	3.1	116	0.6	20,194
4 - Metro	8,689	82.9	1,252	11.9	438	4.2	108	1.0	10,487
5 - West	5,907	91.7	350	5.4	99	1.5	85	1.3	6,441
6 - South	11,604	78.9	2,283	15.5	640	4.4	179	1.2	14,706
7 - East	12,047	85.0	1,646	11.6	425	3.0	56	0.4	14,174
8 - South Bay	13,615	86.3	1,702	10.8	296	1.9	162	1.0	15,775
Unknown	23	48.9	5	10.6	<5	N/C	18	38.3	47
Total	92,721	84.9	12,266	11.2	3,322	3.0	961	0.9	109,270

Notes: "Trimester Prenatal Care (PNC) Began" excludes women who did not receive prenatal care (n=623).

The residential zip codes of the mother 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 table may vary when compared. Records that cannot be assigned to any SPA are classified as "Unknown".

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births
by Birth Weight and by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2018**

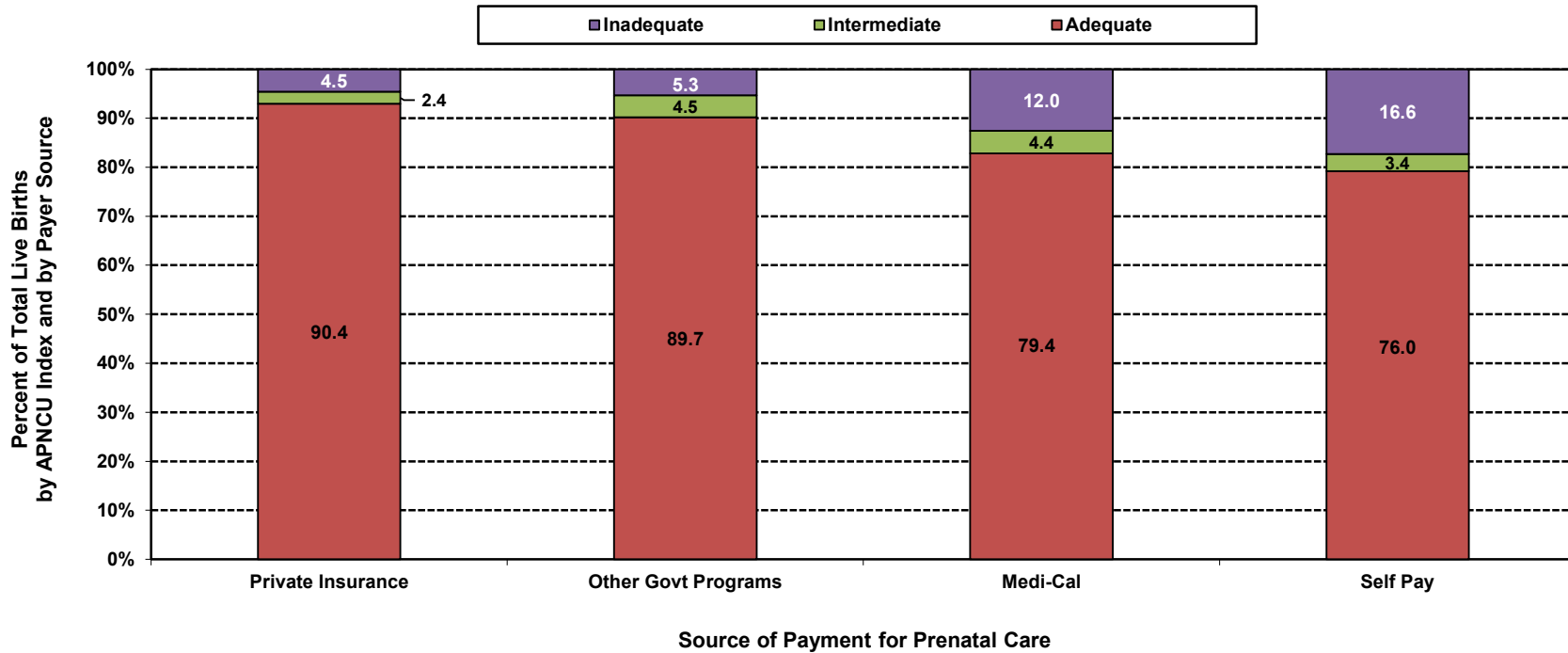


Los Angeles County, 2018								
Source of Payment for Prenatal Care	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		Macrosumia	
	0 to 1,499 grams		1,500 to 2,499 grams		2,500 to 3,999 grams		4,000+ grams	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Private Insurance	535	1.0	3,048	6.0	43,581	85.5	3,823	7.5
Other Govt Programs	37	1.3	178	6.3	2,393	85.3	196	7.0
Medi-Cal	621	1.3	3,054	6.4	40,806	85.6	3,186	6.7
Self Pay	27	0.5	237	4.4	4,814	89.0	331	6.1
Other/Unknown	48	2.0	153	6.4	2,026	84.4	174	7.2
Total	1,268	1.2	6,670	6.1	93,620	85.7	7,710	7.1

Total Live Births
50,988
2,804
47,667
5,410
2,401
109,270

Note: "Trimester Prenatal Care (PNC) Began" excludes women who did not receive prenatal care (n=623).
Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births by Adequacy of Prenatal Care Utilization Index (APNCU) and by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2018**



Los Angeles County, 2018								
Source of Payment for Prenatal Care	Adequacy of Prenatal Care Utilization Index						Unknown	
	Adequate		Intermediate		Inadequate		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Private Insurance	46,069	90.4	1,200	2.4	2,289	4.5	1,430	2.8
Other Govt Programs	2,516	89.7	126	4.5	148	5.3	14	0.5
Medi-Cal	37,857	79.4	2,110	4.4	5,742	12.0	1,958	4.1
Self Pay	4,113	76.0	183	3.4	899	16.6	215	4.0
Other/Unknown	2,129	88.7	43	1.8	73	3.0	156	6.5
Total	92,684	84.8	3,662	3.4	9,774	8.9	3,773	3.5

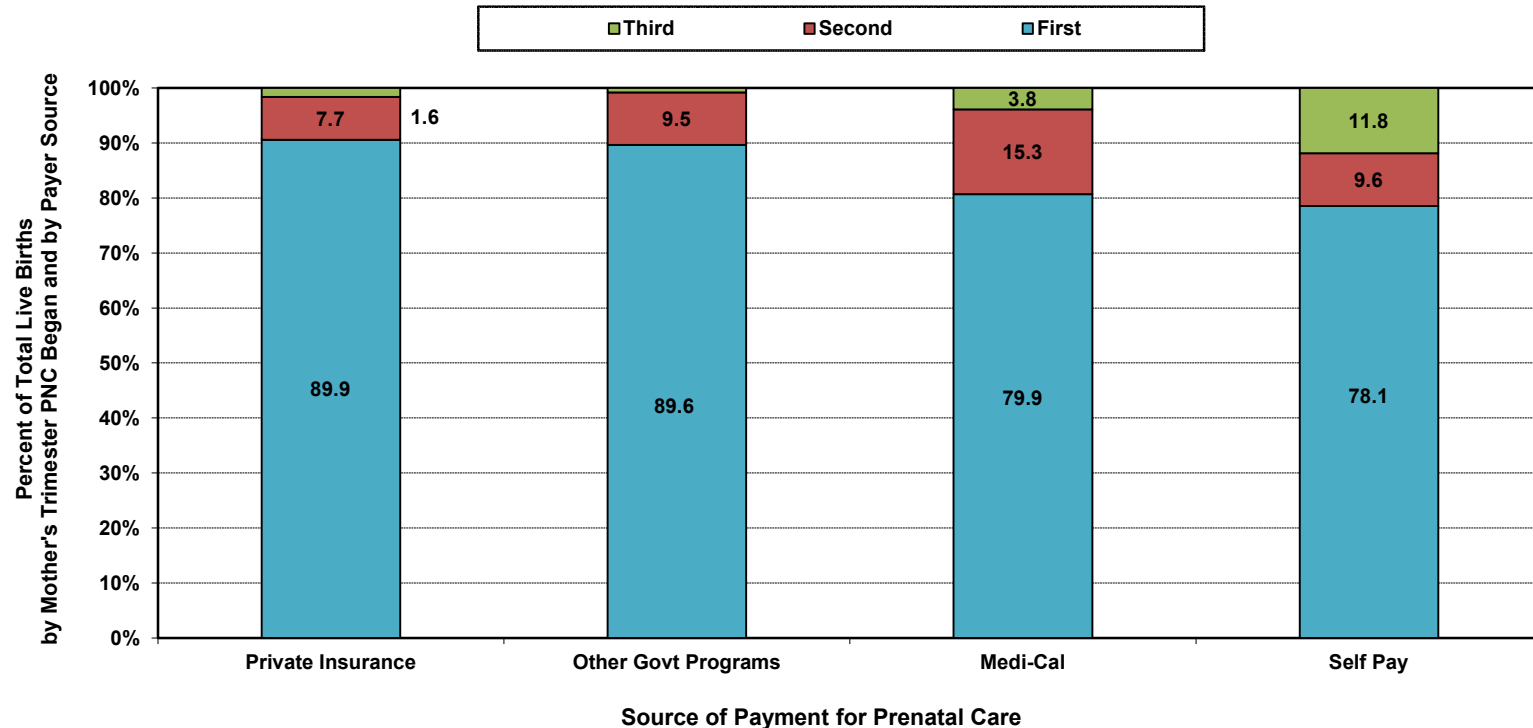
Total Live Births
50,988
2,804
47,667
5,410
2,401
109,270

Notes: 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.

"Adequacy of Prenatal Care Utilization Index" excludes the prenatal care experiences of women who did not receive prenatal care (n=623).

Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20

**Distribution of Live Births by Mother's Trimester Prenatal Care (PNC) Began
and by Source of Payment for Prenatal Care
Los Angeles County, 2018**



Los Angeles County, 2018									
Source of Payment for Prenatal Care	Mother's Trimester Prenatal Care Began						Unknown		Total Live Births
	First		Second		Third		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Private Insurance	45,841	89.9	3,940	7.7	813	1.6	394	0.8	50,988
Other Govt Programs	2,512	89.6	266	9.5	23	0.8	3	0.1	2,804
Medi-Cal	38,104	79.9	7,296	15.3	1,827	3.8	440	0.9	47,667
Self Pay	4,224	78.1	519	9.6	637	11.8	30	0.6	5,410
Other/Unknown	2,040	85.0	245	10.2	22	0.9	94	3.9	2,401
Total	92,721	84.9	12,266	11.2	3,322	3.0	961	0.9	109,270

Note: "Mother's Trimester Prenatal Care Began" excludes women who did not receive prenatal care (n=623).
Source: 2018 birth records downloaded from the Vital Record Business Intelligence System (VRBIS) on 02/04/20