

Prenatal Care

TITLE V INDICATOR TEMPLATE

INDICATOR: First Trimester Onset of Prenatal Care (PNC)

DEFINITION: The percent of live born infants whose mothers received prenatal care in the first trimester of pregnancy

NUMERATOR: The number of live births to women who received prenatal care during the first trimester, by place of residence, in a calendar year

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

HEALTHY PEOPLE 2020 OBJECTIVE Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.9 percent of live births.
(Baseline: 70.8 percent of pregnant women in 2007) (Objective MICH–10.1)

HEALTHY PEOPLE 2030 OBJECTIVE Not included in Healthy People 2030 objectives

Year	Los Angeles County, 2020			
	First Trimester Prenatal Care		95% Confidence Interval	
	Number	Percent	Lower	Upper
2011	106,307	81.6	81.4	81.8
2012	106,996	81.2	81.0	81.5
2013	105,259	81.9	81.7	82.1
2014	108,161	83.1	82.9	83.3
2015	103,155	82.9	82.6	83.1
2016	101,858	82.9	82.6	83.1
2017	97,572	83.5	83.3	83.7
2018	92,721	84.4	84.2	84.6
2019	92,238	86.0	85.8	86.2
2020	86,787	88.5	88.3	88.7

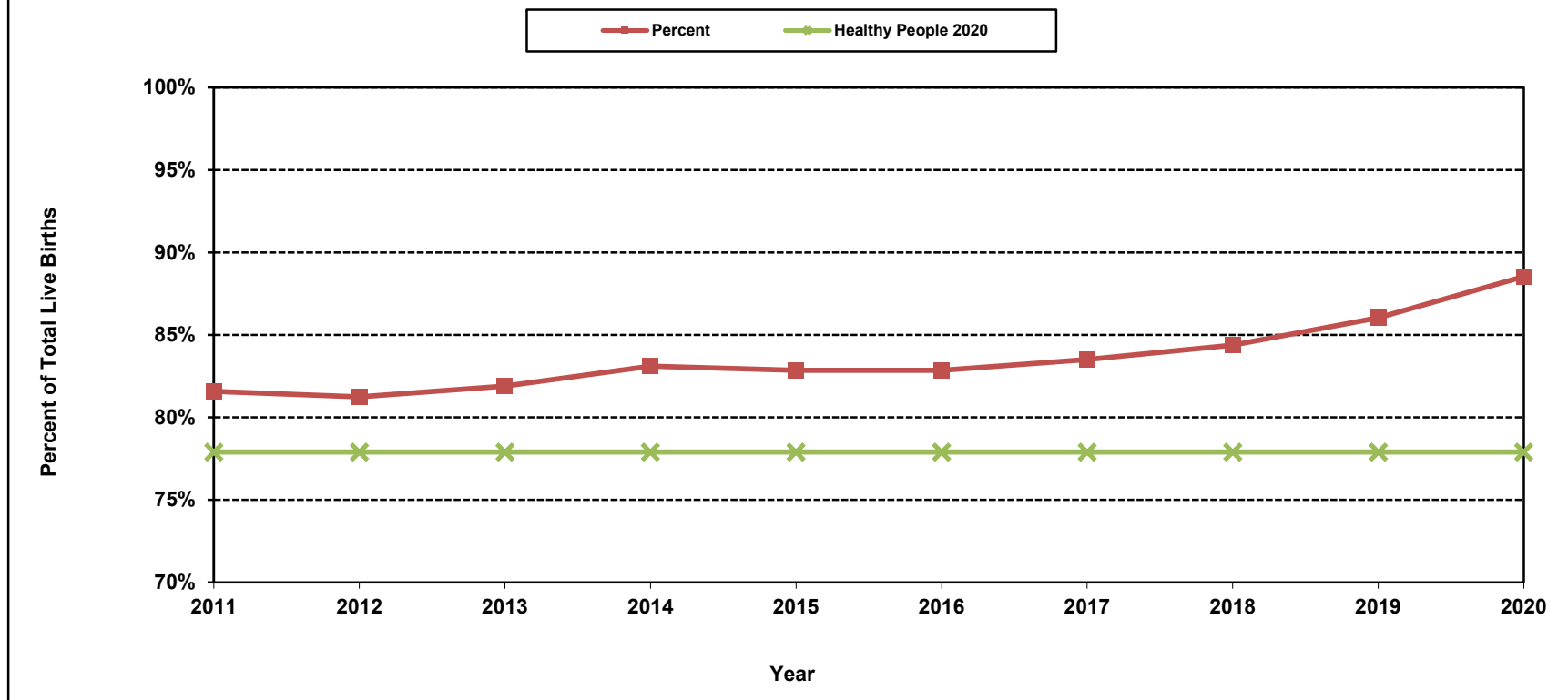
Denominator: Live Births	
Year	LA County
2011	130,313
2012	131,697
2013	128,526
2014	130,150
2015	124,507
2016	122,941
2017	116,850
2018	109,893
2019	107,202
2020	98,021

Note: This measure excludes the prenatal care experiences of all women whose pregnancies did not result in live births.

Source: California Integrated Vital Records System, 2018-2020

California Department of Public Health, Birth Statistical Master Files, 2011-2017

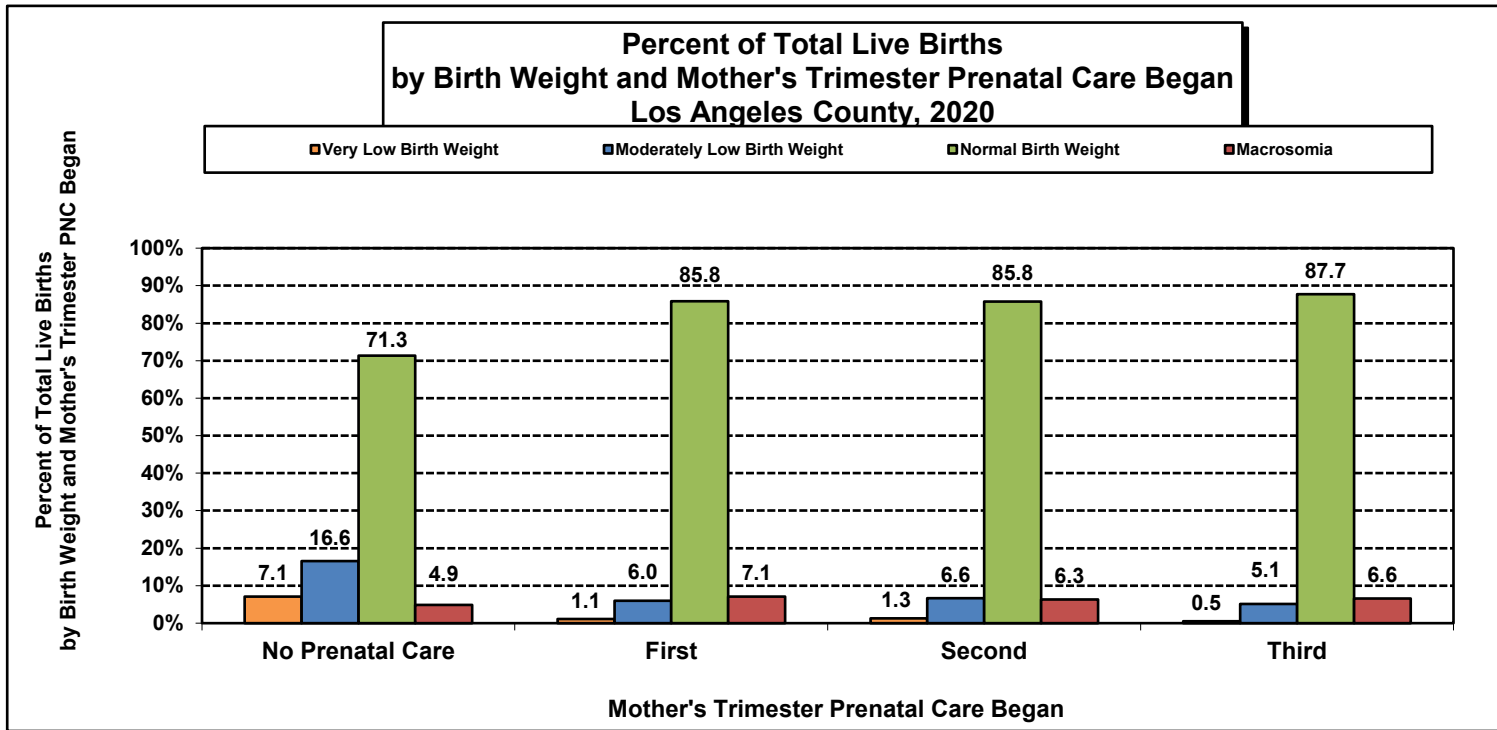
Percent of First Trimester Entry Into Prenatal Care Los Angeles County, 2011-2020



Year 2020 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.9 percent of live births.

Sources: California Integrated Vital Records System, 2018-2020

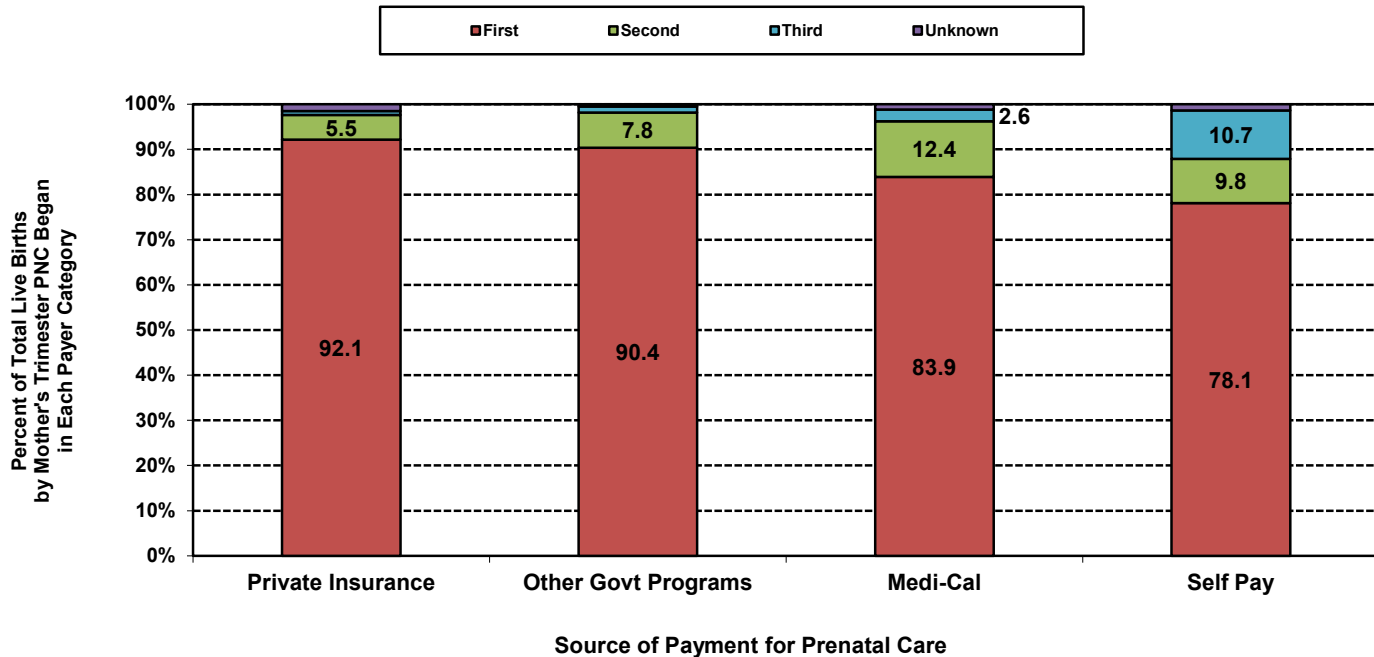
California Department of Public Health, Birth Statistical Master Files, 2011-2017



Los Angeles County, 2020									Total Live Births
Mother's Trimester Prenatal Care Began	Very Low Birth Weight		Moderately Low Birth Weight		Normal Birth Weight		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	
No Prenatal Care	46	7.1	108	16.6	465	71.3	32	4.9	652
First	944	1.1	5,142	6.0	73,623	85.8	6,075	7.1	85,787
Second	105	1.3	553	6.6	7,162	85.8	527	6.3	8,349
Third	10	0.5	95	5.1	1,622	87.7	122	6.6	1,849
Unknown	37	2.7	122	8.8	1,132	81.8	64	4.6	1,384
Total	1,142	1.2	6,020	6.1	84,004	85.7	6,820	7.0	98,021

Source: California Integrated Vital Records System, 2020

**Distribution of Total Live Births
by Mother's Trimester Prenatal Care Began
and by Source of Payment for Prenatal Care
Los Angeles County, 2020**



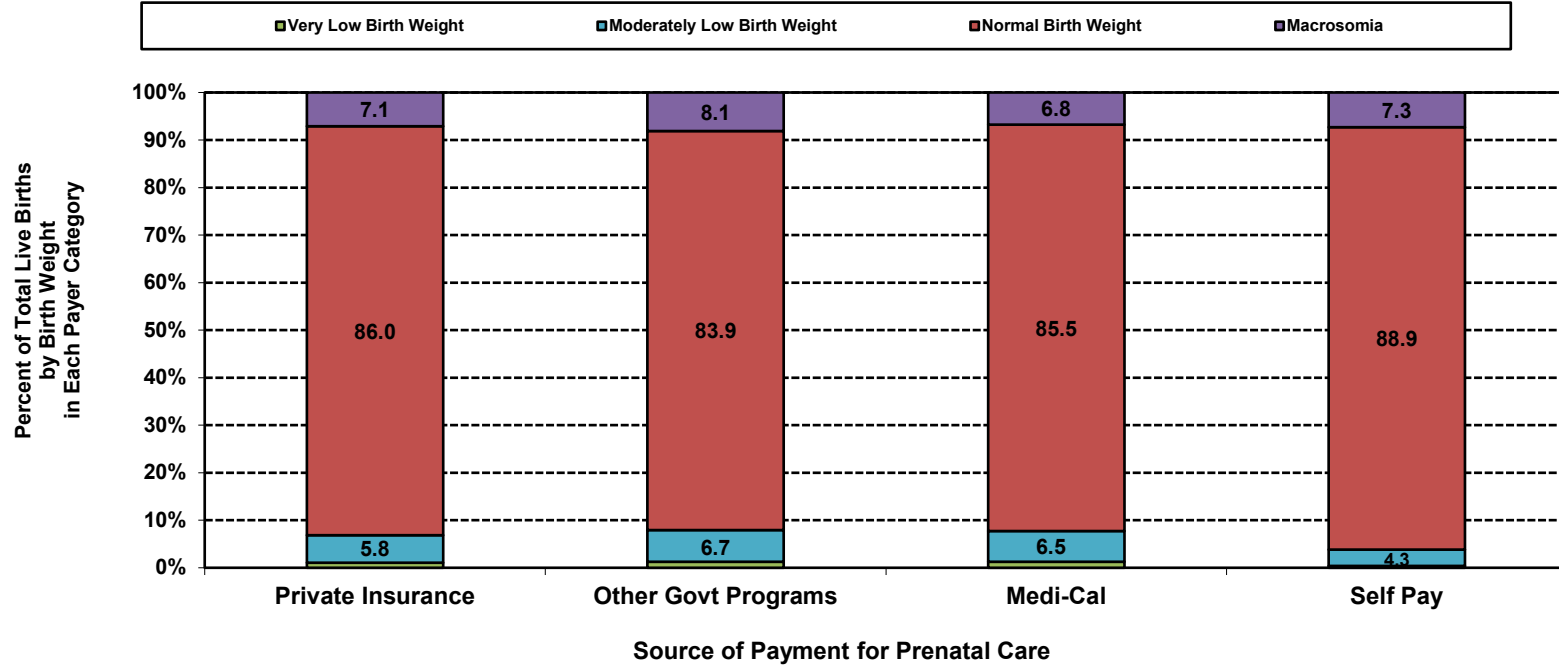
Los Angeles County, 2020								
Source of Payment for Prenatal Care	Mother's Trimester Prenatal Care Began							
	First		Second		Third		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Private Insurance	44,309	92.1	2,622	5.5	426	0.9	733	1.5
Other Govt Programs	2,415	90.4	208	7.8	36	1.3	13	0.5
Medi-Cal	34,700	83.9	5,115	12.4	1,071	2.6	480	1.2
Self Pay	2,051	78.1	257	9.8	281	10.7	36	1.4
Other/Unknown	2,312	88.4	147	5.6	35	1.3	122	4.7
Total	85,787	88.1	8,349	8.6	1,849	1.9	1,384	1.4

Total Live Births
48,090
2,672
41,366
2,625
2,616
97,369

Note: The sum of certain categories may not equate to countywide totals as women who did not receive prenatal care (n=652) were excluded from this analysis.

Source: California Integrated Vital Records System, 2020

Distribution of Total Live Births by Birth Weight and by Source of Payment for Prenatal Care Los Angeles County, 2020



Los Angeles County, 2020									
Source of Payment for Prenatal Care	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	
Private Insurance	506	1.1	2,794	5.8	41,374	86.0	3,414	7.1	48,090
Other Govt Programs	34	1.3	178	6.7	2,243	83.9	217	8.1	2,672
Medi-Cal	518	1.3	2,684	6.5	35,362	85.5	2,799	6.8	41,366
Self Pay	10	0.4	90	3.4	2,333	88.9	191	7.3	2,625
Other/Unknown	28	1.1	170	6.5	2,249	86.0	168	6.4	2,616
Total	1,142	1.2	6,024	6.2	84,026	86.3	6,821	7.0	97,369

Note: The sum of certain categories may not equate to countywide totals as women who did not receive prenatal care (n=652) were excluded from this analysis.

Source: California Integrated Vital Records System, 2020

TITLE V INDICATOR TEMPLATE

INDICATOR: Percent of Total Live Births by Adequacy of Prenatal Care Utilization (APNCU) Index

DEFINITION: The percent of live born infants whose mothers received adequate prenatal care as defined by the Adequacy of Prenatal Care Utilization Index (APNCU) developed by Milton Kotelchuck. This index does not assess the quality of the prenatal care that is delivered.

NUMERATOR: The number of live births to women who received adequate care, as defined by the APNCU criteria, by place of residence, in a calendar year

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

HEALTHY PEOPLE 2020 OBJECTIVE: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.6 percent of live births. (Baseline: 70.5 percent of pregnant women in 2007) (Objective MICH-10.2)

Year	Los Angeles County, 2020			
	Adequate Prenatal Care		95% Confidence Interval	
	Number	Percent	Lower	Upper
2011	108,553	83.3	83.1	83.5
2012	108,651	82.5	82.3	82.7
2013	106,172	82.6	82.4	82.8
2014	109,340	84.0	83.8	84.2
2015	104,838	84.2	84.0	84.4
2016	103,192	83.9	83.7	84.1
2017	99,922	85.5	85.3	85.7
2018	92,684	84.3	84.1	84.6
2019	90,852	84.7	84.5	85.0
2020	78,197	79.8	79.5	80.0

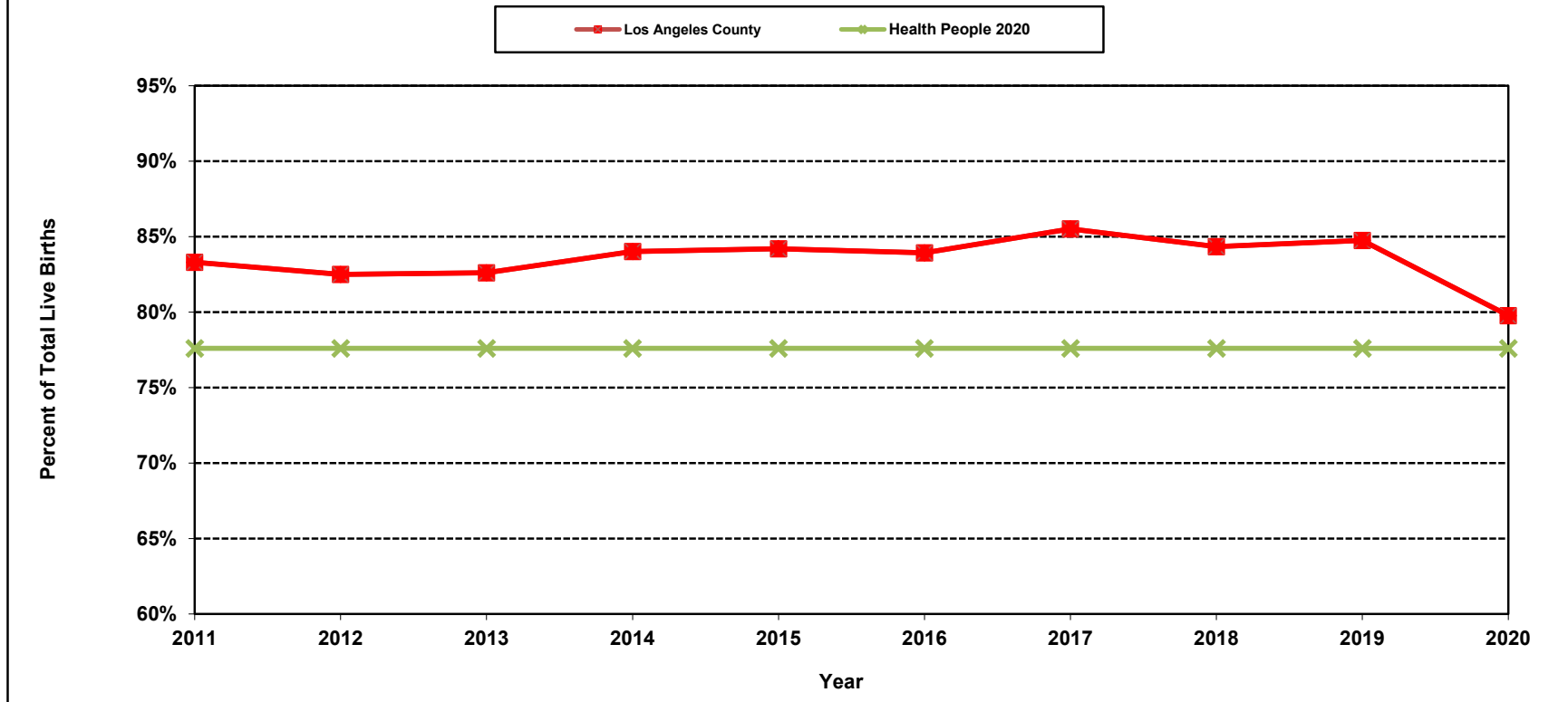
Denominator: Live Births	
Year	LA County
2011	130,313
2012	131,697
2013	128,523
2014	130,150
2015	124,507
2016	122,941
2017	116,850
2018	109,893
2019	107,202
2020	98,021

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).

Sources: California Integrated Vital Records System, 2018-2020
California Department of Public Health, Birth Statistical Master Files, 2011-2017

**Percent of Total Live Births with "Adequate" Prenatal Care
as Rated by the Adequacy of Prenatal Care Utilization Index (APNCU)
Los Angeles County, 2011-2020**

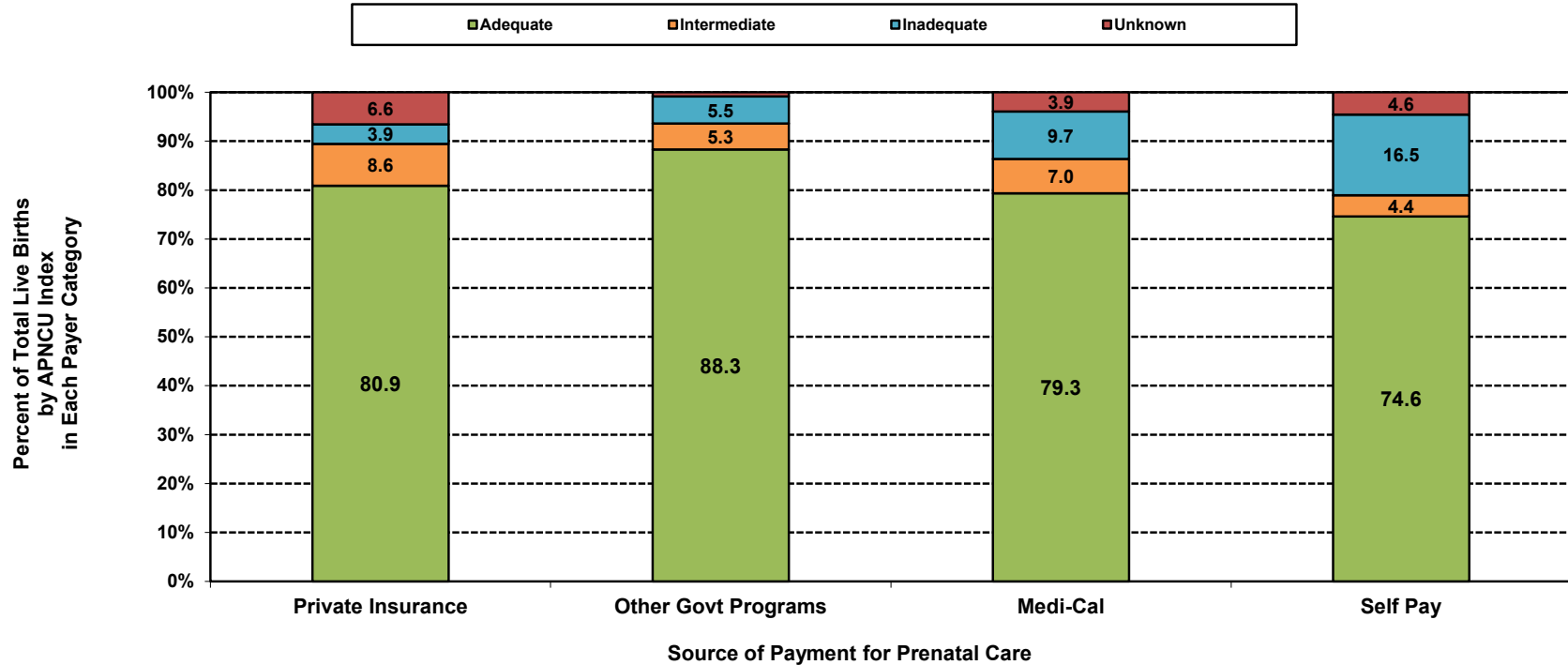


Year 2020 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.6 percent of live births.

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).

Sources: California Integrated Vital Records System, 2018-2020
California Department of Public Health, Birth Statistical Master Files, 2011-2017

**Distribution of Total Live Births by Adequacy of Prenatal Care Utilization Index (APNCU)
and by Source of Payment for Prenatal Care
Los Angeles County, 2020**



Los Angeles County, 2020										
Source of Payment for Prenatal Care	Adequacy of Prenatal Care Utilization Index								Total Live Births	
	Adequate		Intermediate		Inadequate		Unknown			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Private Insurance	38,895	80.9	4,132	8.6	1,898	3.9	3,165	6.6	48,090	
Other Govt Programs	2,359	88.3	142	5.3	148	5.5	23	0.9	2,672	
Medi-Cal	32,816	79.3	2,907	7.0	4,014	9.7	1,629	3.9	41,366	
Self Pay	1,958	74.6	115	4.4	432	16.5	120	4.6	2,625	
Other/Unknown	2,169	82.9	135	5.2	141	5.4	171	6.5	2,616	
Total	78,197	80.3	7,431	7.6	6,633	6.8	5,108	5.2	97,369	

Note: The sum of certain categories may not equate to countywide totals as women who did not receive prenatal care (n=652) were excluded from this analysis.

Source: California Integrated Vital Records System, 2020