

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, 2019			
	First Trimester Prenatal Care		95% Confidence Interval	
	Number	Percent	Lower	Upper
2010	110,516	83.0	82.8	83.2
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

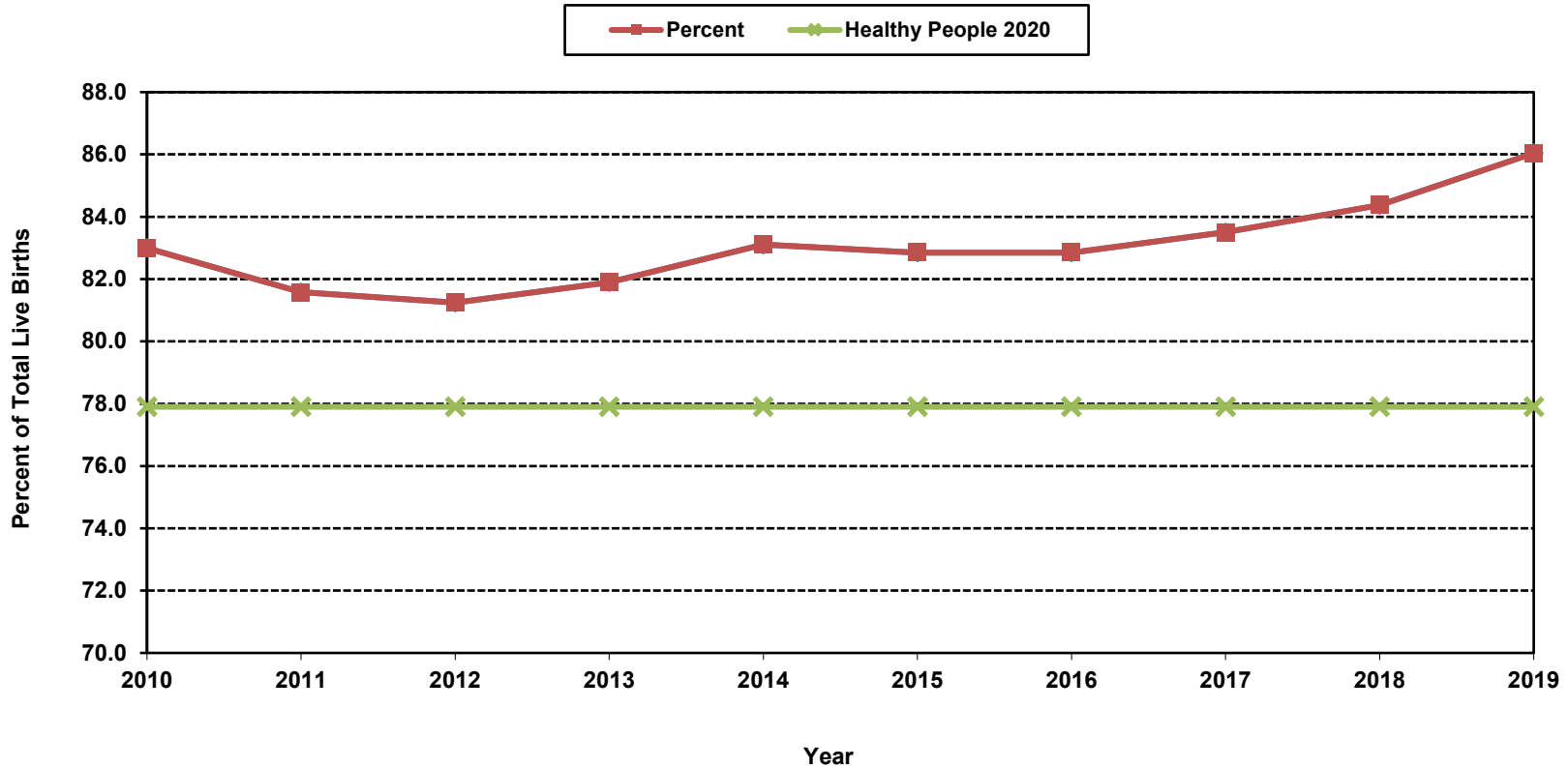
Denominator: Live Births	
Year	LA County
2010	133,160
2011	130,313
2012	131,697
2013	128,526
2014	130,150
2015	124,507
2016	122,941
2017	116,850
2018	109,893
2019	107,202

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, 2018-2019

California Department of Public Health, Birth Statistical Master Files, 2010-2017

Percent of First Trimester Entry Into Prenatal Care Los Angeles County, 2010-2019

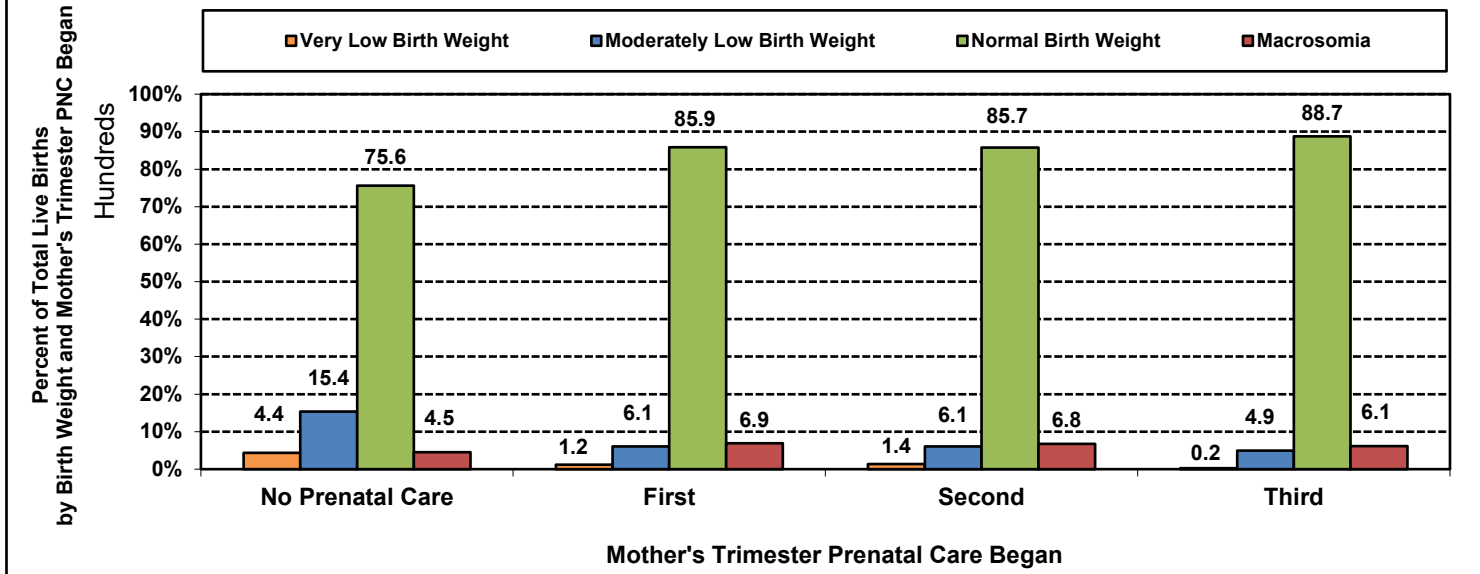


Year 2020 Objective: Increase the proportion of pregnant women who receive prenatal care in the first trimester of pregnancy to 77.9 percent of live births.

Sources: California Integrated Vital Records System, 2018-2019

California Department of Public Health, Birth Statistical Master Files, 2010-2017

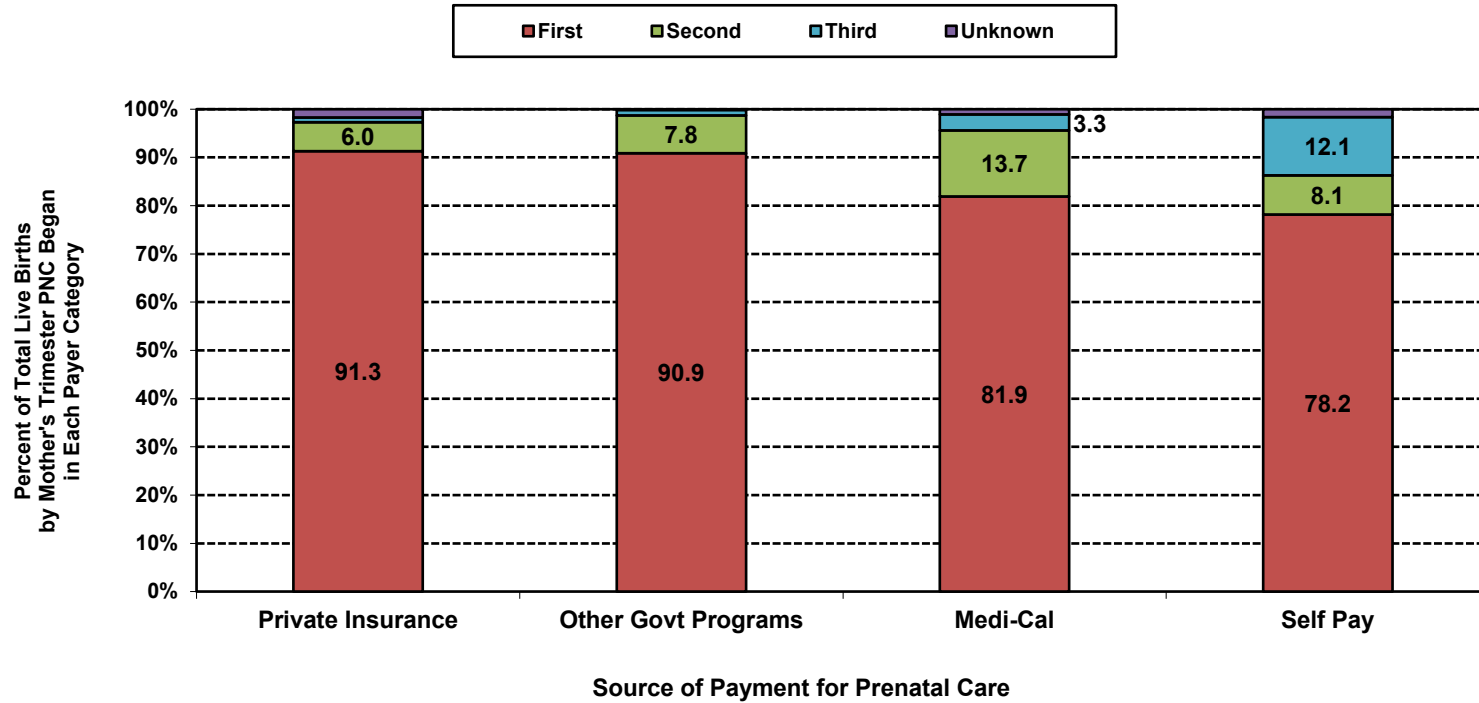
**Distribution of Total Live Births
by Birth Weight and Mother's Trimester Prenatal Care Began
Los Angeles County, 2019**



Los Angeles County, 2019									
Mother's Trimester Prenatal Care Began	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	
No Prenatal Care	30	4.4	105	15.4	517	75.6	31	4.5	684
First	1,066	1.2	5,613	6.1	79,199	85.9	6,360	6.9	92,238
Second	141	1.4	609	6.1	8,599	85.7	679	6.8	10,028
Third	6	0.2	132	4.9	2,372	88.7	164	6.1	2,674
Unknown	48	3.0	150	9.5	1,272	80.6	108	6.8	1,578
Total	1,291	1.2	6,609	6.2	91,959	85.8	7,342	6.8	107,202

Source: California Integrated Vital Records System, 2019

**Distribution of Total Live Births
by Mother's Trimester Prenatal Care Began
and by Source of Payment for Prenatal Care
Los Angeles County, 2019**

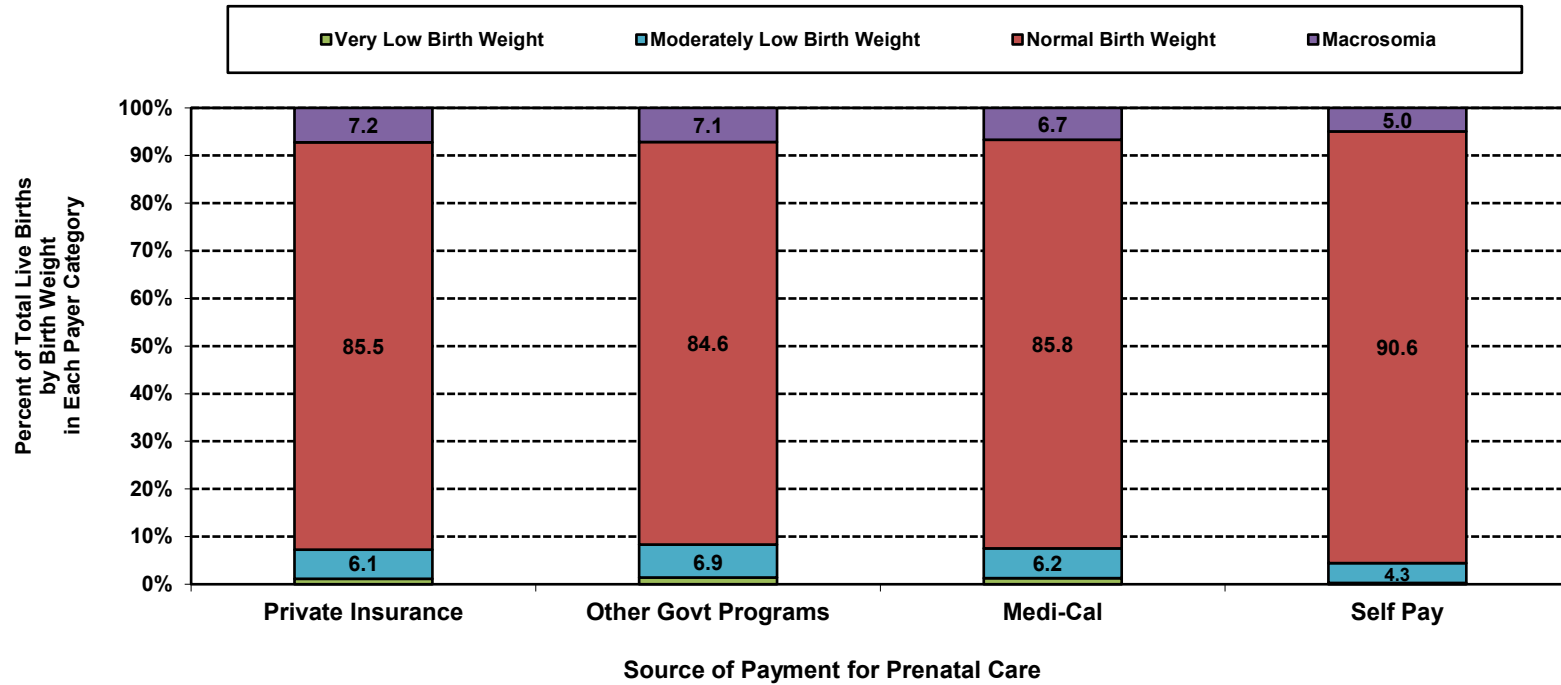


Los Angeles County, 2019									Total Live Births
Source of Payment for Prenatal Care	Mother's Trimester Prenatal Care Began								
	First		Second		Third		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Private Insurance	46,003	91.3	2,999	6.0	498	1.0	869	1.7	50,369
Other Govt Programs	2,957	90.9	255	7.8	37	1.1	5	0.2	3,254
Medi-Cal	36,919	81.9	6,177	13.7	1,485	3.3	495	1.1	45,076
Self Pay	3,959	78.2	411	8.1	613	12.1	82	1.6	5,065
Other/Unknown	2,235	81.2	141	5.1	22	0.8	356	12.9	2,754
Total	92,073	85.9	9,983	9.3	22	0.0	1,807	1.7	107,202

Note: The sum of certain categories may not equate to countywide totals as women who did not receive prenatal care (n=684) were excluded from this analysis.

Source: California Integrated Vital Records System, 2019

**Distribution of Total Live Births
by Birth Weight and by Source of Payment for Prenatal Care
Los Angeles County, 2019**



Los Angeles County, 2019									
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	581	1.2	3,072	6.1	43,087	85.5	3,629	7.2	50,369
Other Govt Programs	45	1.4	225	6.9	2,752	84.6	232	7.1	3,254
Medi-Cal	577	1.3	2,806	6.2	38,678	85.8	3,015	6.7	45,076
Self Pay	13	0.3	210	4.1	4,591	90.6	251	5.0	5,065
Other/Unknown	45	1.6	191	6.9	2,334	84.7	184	6.7	2,754
Total	1,291	1.2	6,609	6.2	91,959	85.8	7,342	6.8	107,202

Note: The sum of certain categories may not equate to countywide totals as women who did not receive prenatal care (n=684) were excluded from this analysis.

Source: California Integrated Vital Records System, 2019

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, 2019			
	Adequate Prenatal Care		95% Confidence Interval	
	Number	Percent	Lower	Upper
2010	112,631	84.6	84.4	84.8
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

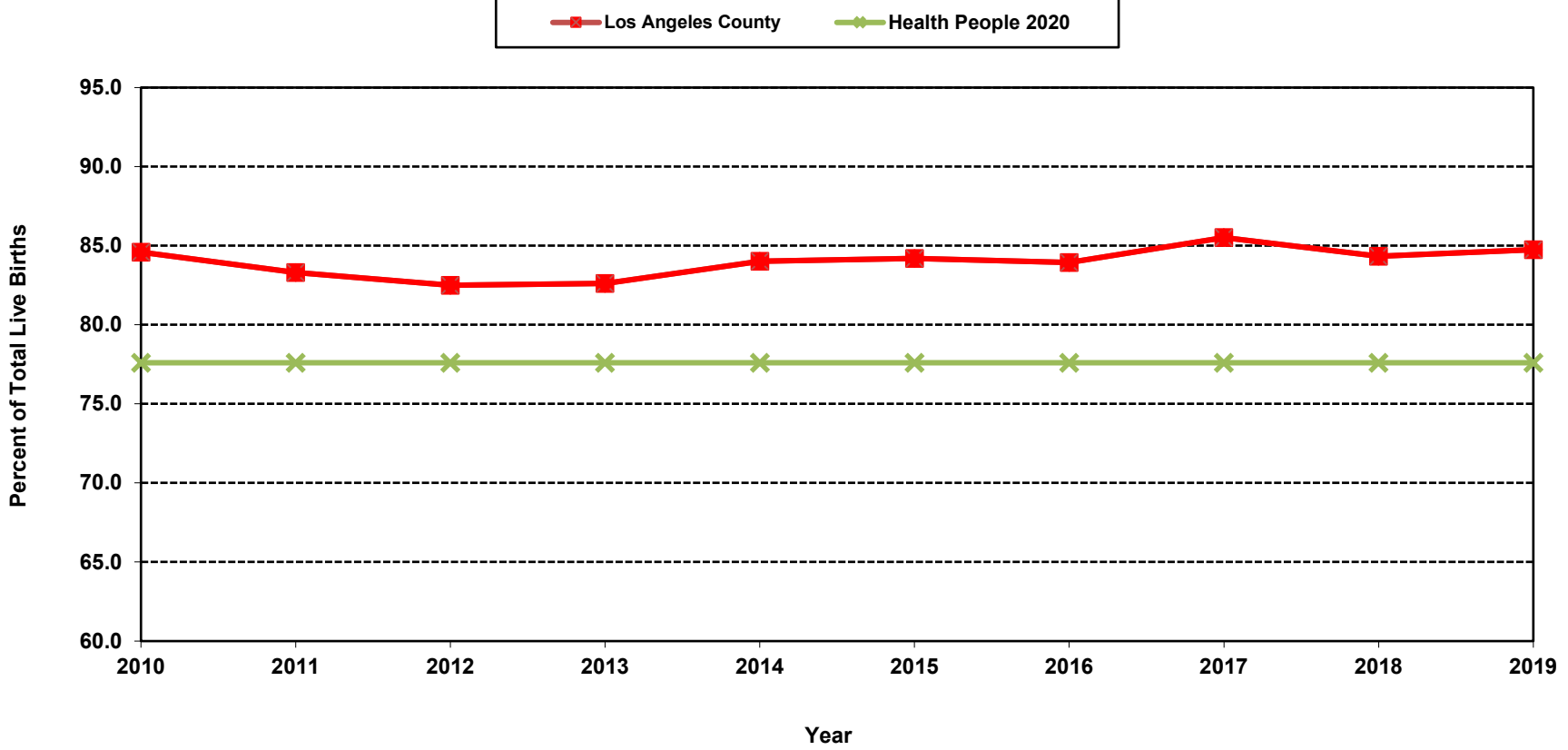
Denominator: Live Births	
Year	LA County
2010	133,160
2011	130,313
2012	131,697
2013	128,523
2014	130,150
2015	124,507
2016	122,941
2017	116,850
2018	109,893
2019	107,202

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, 2018-2019
California Department of Public Health, Birth Statistical Master Files, 2010-2017

**Percent of Total Live Births with "Adequate" Prenatal Care
as Rated by the Adequacy of Prenatal Care Utilization Index (APNCU)
Los Angeles County, 2010-2019**

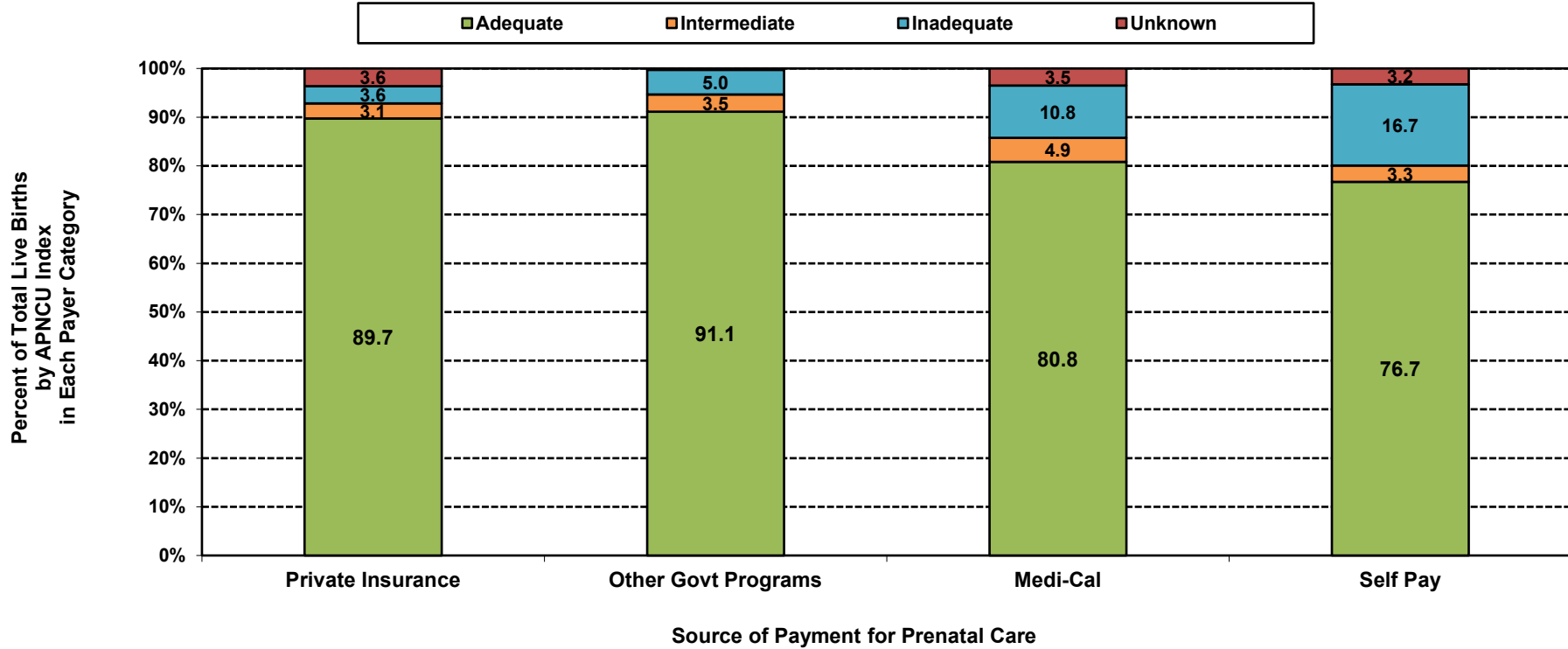


Year 2020 Objective: Increase the proportion of pregnant women who receive early and adequate prenatal care to 77.6 percent of live births.

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, 2018-2019
California Department of Public Health, Birth Statistical Master Files, 2010-2017

**Distribution of Total Live Births by Adequacy of Prenatal Care Utilization Index (APNCU) and by Source of Payment for Prenatal Care
Los Angeles County, 2019**



Los Angeles County, 2019								
Source of Payment for Prenatal Care	Adequacy of Prenatal Care Utilization Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Private Insurance	45,190	89.7	1,561	3.1	1,798	3.6	1,820	3.6
Other Govt Programs	2,966	91.1	114	3.5	164	5.0	10	0.3
Medi-Cal	36,425	80.8	2,218	4.9	4,857	10.8	1,576	3.5
Self Pay	3,885	76.7	169	3.3	847	16.7	164	3.2
Other/Unknown	2,386	86.6	75	2.7	138	5.0	155	5.6
Total	90,852	84.7	4,137	3.9	8,488	7.9	3,725	3.5

Total Live Births
50,369
3,254
45,076
5,065
2,754
107,202

Note: The sum of certain categories may not equate to countywide totals as women who did not receive prenatal care (n=684) were excluded from this analysis.
Source: California Integrated Vital Records System, 2019