

Infant Mortality

TITLE V INDICATOR TEMPLATE

INDICATOR: Infant Mortality Rate

DEFINITION: The number of infant deaths occurring at less than 365 days of age per 1,000 live births

NUMERATOR: The number of infant deaths occurring at less than 365 days of age, by place of residence, in a calendar year

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

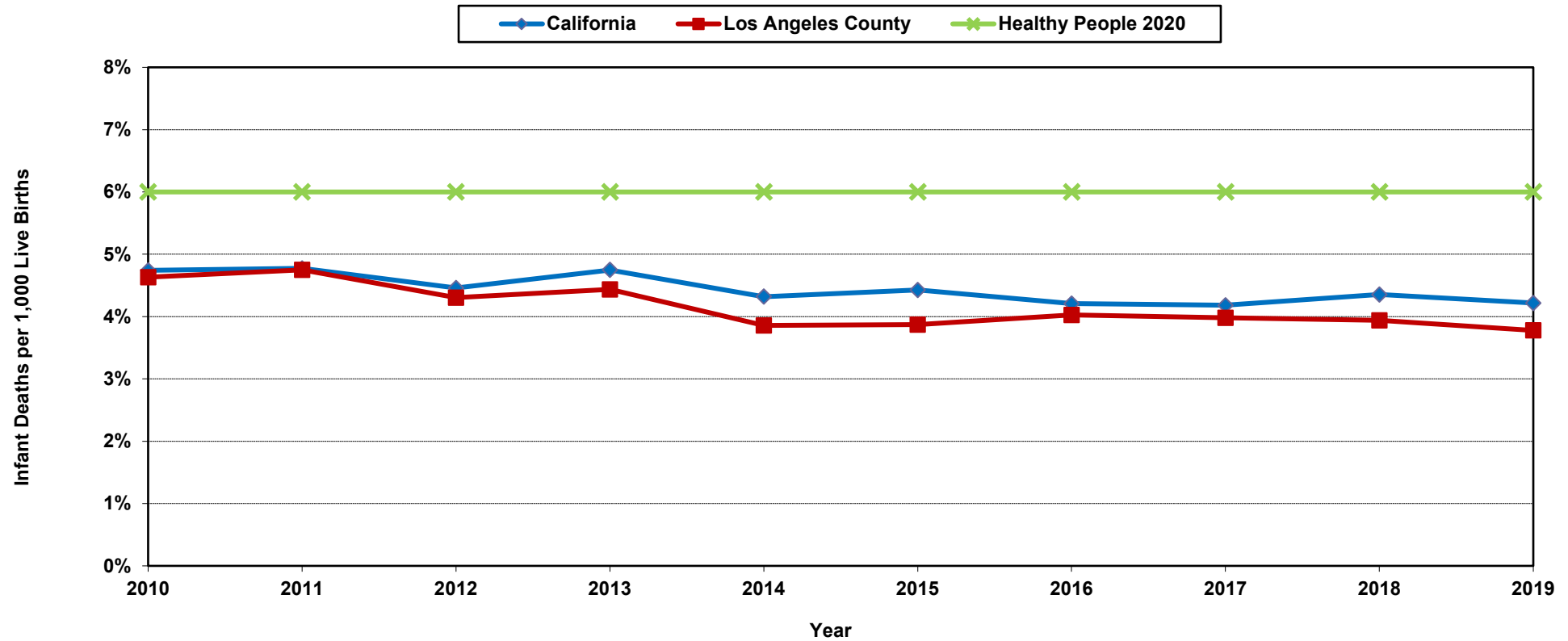
HEALTHY PEOPLE 2020 OBJECTIVE:
 Reduce the infant mortality rate to no more than 6.0 per 1,000 live births.
 (Baseline: 6.7 per 1,000 live births in 2006) (Objective MICH-1.3)

Year	California				Los Angeles County			
	Infant Mortality		95% Confidence Interval		Infant Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper
2010	2,419	4.7	4.6	4.9	617	4.6	4.3	5.0
2011	2,397	4.8	4.6	5.0	619	4.8	4.4	5.1
2012	2,247	4.5	4.3	4.6	567	4.3	4.0	4.7
2013	2,348	4.7	4.6	4.9	570	4.4	4.1	4.8
2014	2,173	4.3	4.1	4.5	502	3.9	3.5	4.2
2015	2,178	4.4	4.2	4.6	482	3.9	3.5	4.2
2016	2,057	4.2	4.0	4.4	495	4.0	3.7	4.4
2017	1,973	4.2	4.0	4.4	465	4.0	3.6	4.3
2018	1,981	4.4	4.2	4.5	433	3.9	3.6	4.3
2019	1,889	4.2	4.0	4.4	405	3.8	3.4	4.1

Denominator: Live Births		
Year	California	LA County
2010	509,979	133,160
2011	502,023	130,313
2012	503,788	131,697
2013	494,392	128,526
2014	502,973	130,150
2015	491,748	124,507
2016	488,827	122,941
2017	471,658	116,850
2018	454,920	109,893
2019	447,834	107,202

Sources: California Integrated Vital Records System, 2018-2019
 California Department of Public Health, Death Statistical Master File, 2010-2017

Infant Mortality Rate California vs. Los Angeles County, 2010-2019



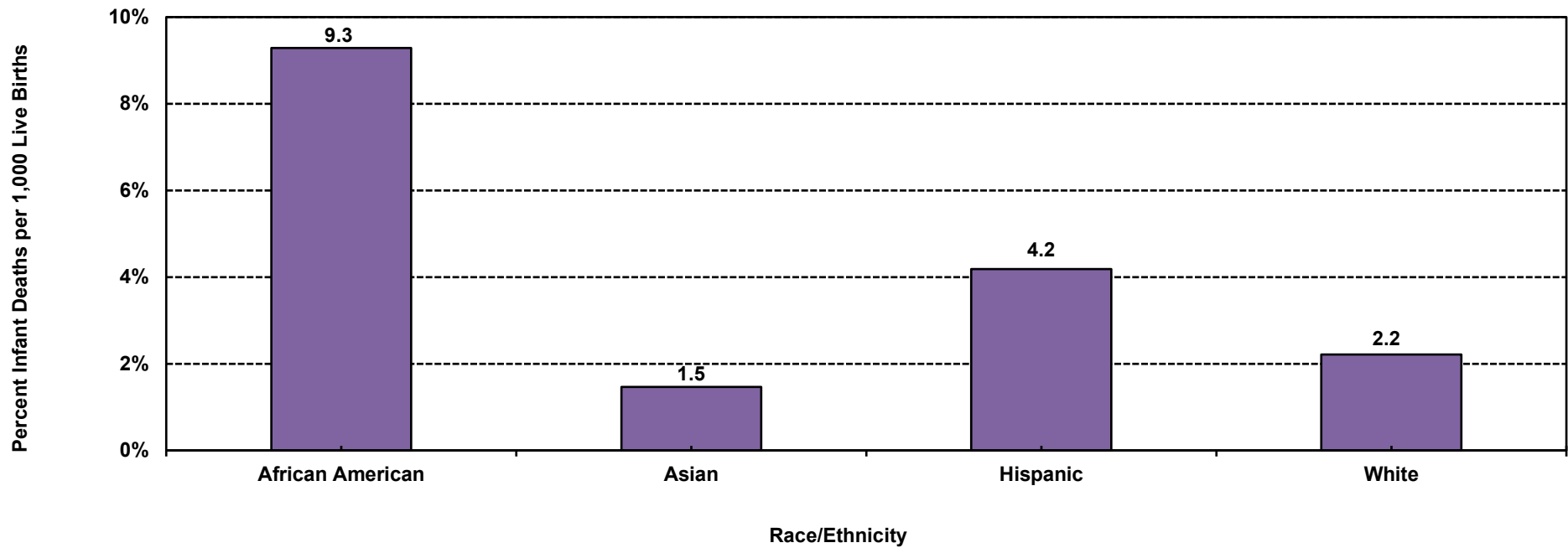
Year 2020 Objective: Reduce the infant mortality rate to no more than 6.0 per 1,000 live births.

Note: "Infant Mortality" rate is defined as the number of infant deaths occurring at less than 365 days of age per 1,000 live births

Sources: California Integrated Vital Records System, 2018-2019

California Department of Public Health, Death Statistical Master File, 2010-2017

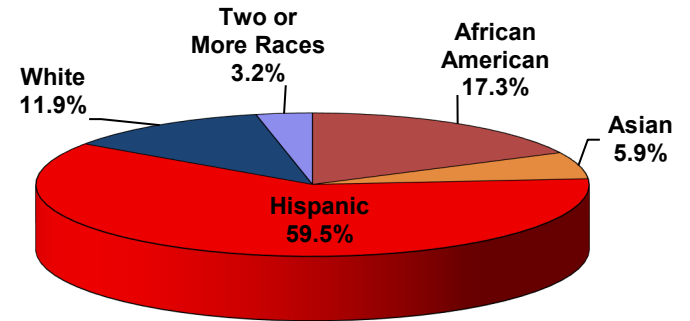
**Infant Mortality Rate by Race/Ethnicity
Los Angeles County, 2019**



Los Angeles County, 2019				
Race/Ethnicity	Infant Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	70	9.3	7.1	11.5
Asian	24	1.5	0.9	2.1
Pacific Islander	<5	N/C	N/C	N/C
Hispanic	241	4.2	3.7	4.7
Native American	<5	N/C	N/C	N/C
White	48	2.2	1.6	2.8
Two or More Races	13	7.3	3.3	11.3
Other/Unknown	<5	N/C	N/C	N/C
Total	405	3.8	3.4	4.1

Total Live Births
7,539
16,359
256
57,561
133
21,679
1,779
1,896
107,202

**Distribution of Infant Deaths by Race/Ethnicity
Los Angeles County, 2019**



Source: California Integrated Vital Records System, 2019

Year 2020 Objective: Reduce the infant mortality rate to no more than 6.0 per 1,000 live births.

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

"Infant Mortality" rate is defined as infant deaths occurring less than 365 days per 1,000 live births.

Neonatal Mortality

TITLE V INDICATOR TEMPLATE

INDICATOR: Neonatal Mortality Rate

DEFINITION: The number of infant deaths occurring at less than 28 days of age per 1,000 live births

NUMERATOR: The number of infant deaths occurring at less than 28 days of age, by place of residence, in a calendar year

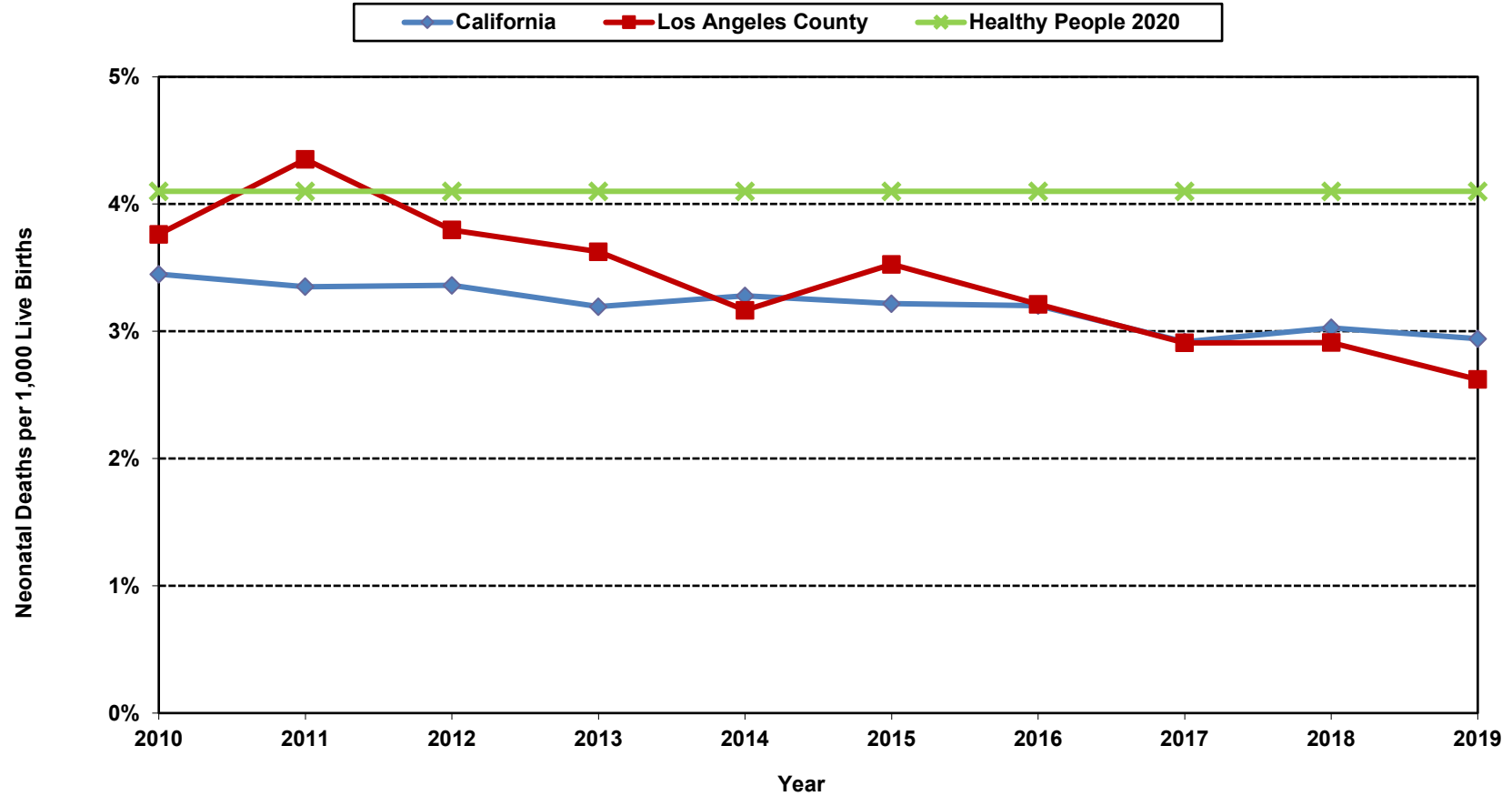
DENOMINATOR: The total number of live births, by place of residence, in a calendar year

HEALTHY PEOPLE 2020 OBJECTIVE:
 Reduce the neonatal mortality rate to no more than 4.1 per 1,000 live births.
 (Baseline: 4.5 per 1,000 live births in 2006) (Objective MICH-1.4)

Year	California				Los Angeles County				Denominator: Live Births		
	Neonatal Mortality		95% Confidence Interval		Neonatal Mortality		95% Confidence Interval				
2010	1,759	3.4	3.3	3.6	501	3.8	3.4	4.1	2010	509,979	133,160
2011	1,682	3.4	3.2	3.5	567	4.4	4.0	4.7	2011	502,023	130,313
2012	1,693	3.4	3.2	3.5	500	3.8	3.5	4.1	2012	503,788	131,697
2013	1,579	3.2	3.0	3.4	466	3.6	3.3	4.0	2013	494,392	128,526
2014	1,649	3.3	3.1	3.4	412	3.2	2.9	3.5	2014	502,973	130,150
2015	1,582	3.2	3.1	3.4	439	3.5	3.2	3.9	2015	491,748	124,507
2016	1,565	3.2	3.0	3.4	395	3.2	2.9	3.5	2016	488,827	122,941
2017	1,376	2.9	2.8	3.1	340	2.9	2.6	3.2	2017	471,658	116,850
2018	1,377	3.0	2.9	3.2	320	2.9	2.6	3.2	2018	454,920	109,893
2019	1,317	2.9	2.8	3.1	281	2.6	2.3	2.9	2019	447,834	107,202

Sources: California Integrated Vital Records System, 2018-2019
 California Department of Public Health, Death Statistical Master File, 2010-2017

Neonatal Deaths per 1,000 Live Births California vs. Los Angeles County, 2010-2019



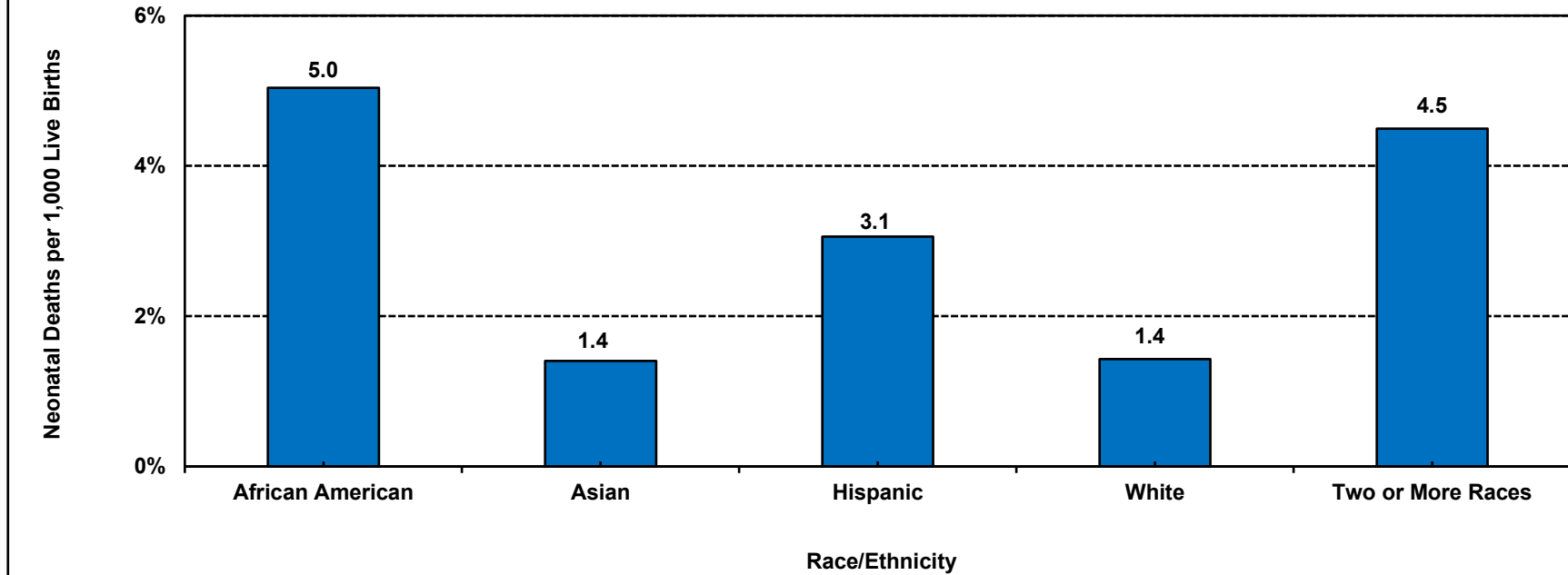
Year 2020 Objective: Reduce the neonatal mortality rate to no more than 4.1 per 1,000 live births.

Note: "Neonatal Mortality" rate is defined as infant deaths occurring less than 28 days per 1,000 live births.

Sources: California Integrated Vital Records System, 2018-2019

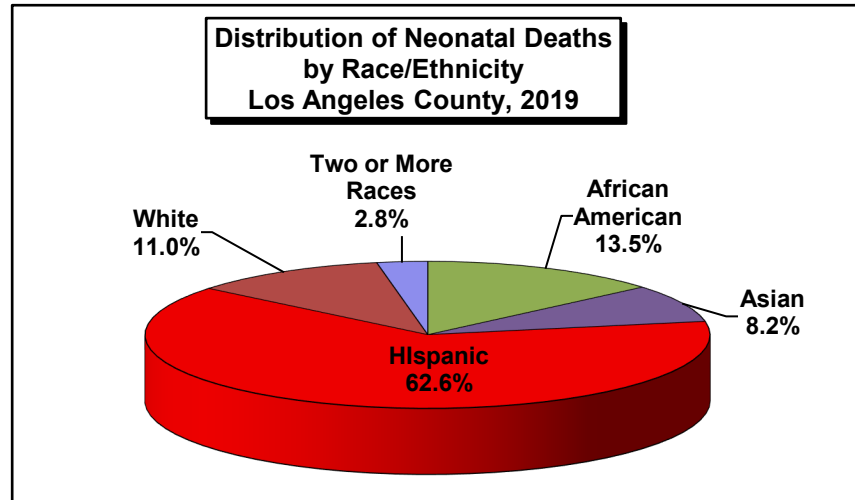
California Department of Public Health, Death Statistical Master File, 2010-2017

Neonatal Mortality Rate by Race/Ethnicity Los Angeles County, 2019



Los Angeles County, 2019				
Race/Ethnicity	Neonatal Mortality		95% Confidence Interval	
	Deaths	Rate	Lower	Upper
African American	38	5.0	3.4	6.6
Asian	23	1.4	0.8	2.0
Pacific Islander	<5	N/C	N/C	N/C
Hispanic	176	3.1	2.6	3.5
Native American	<5	N/C	N/C	N/C
White	31	1.4	0.9	1.9
Two or More Races	8	4.5	1.4	7.6
Other/ Unknown	5	2.6	0.3	4.9
Total	281	2.6	2.3	2.9

Total Live Births
7,539
16,359
256
57,561
133
21,679
1,779
1,896
107,202



Year 2020 Objective: Reduce the neonatal mortality rate to no more than 4.1 per 1,000 live births.

Notes: "Neonatal Mortality" rate is defined as infant deaths occurring less than 28 days per 1,000 live births.

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

Source: California Integrated Vital Records System, 2019

Post-Neonatal Mortality

TITLE V INDICATOR TEMPLATE

INDICATOR: Post-Neonatal Mortality Rate

DEFINITION: The number of infant deaths occurring from 28 through 364 days of age per 1,000 live births

NUMERATOR: The number of infant deaths occurring from 28 through 364 days of age, 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:

Reduce the post-neonatal mortality rate to no more than 2.0 per 1,000 live births.
(Baseline: 2.2 per 1,000 live births in 2006) (Objective MICH-1.5)

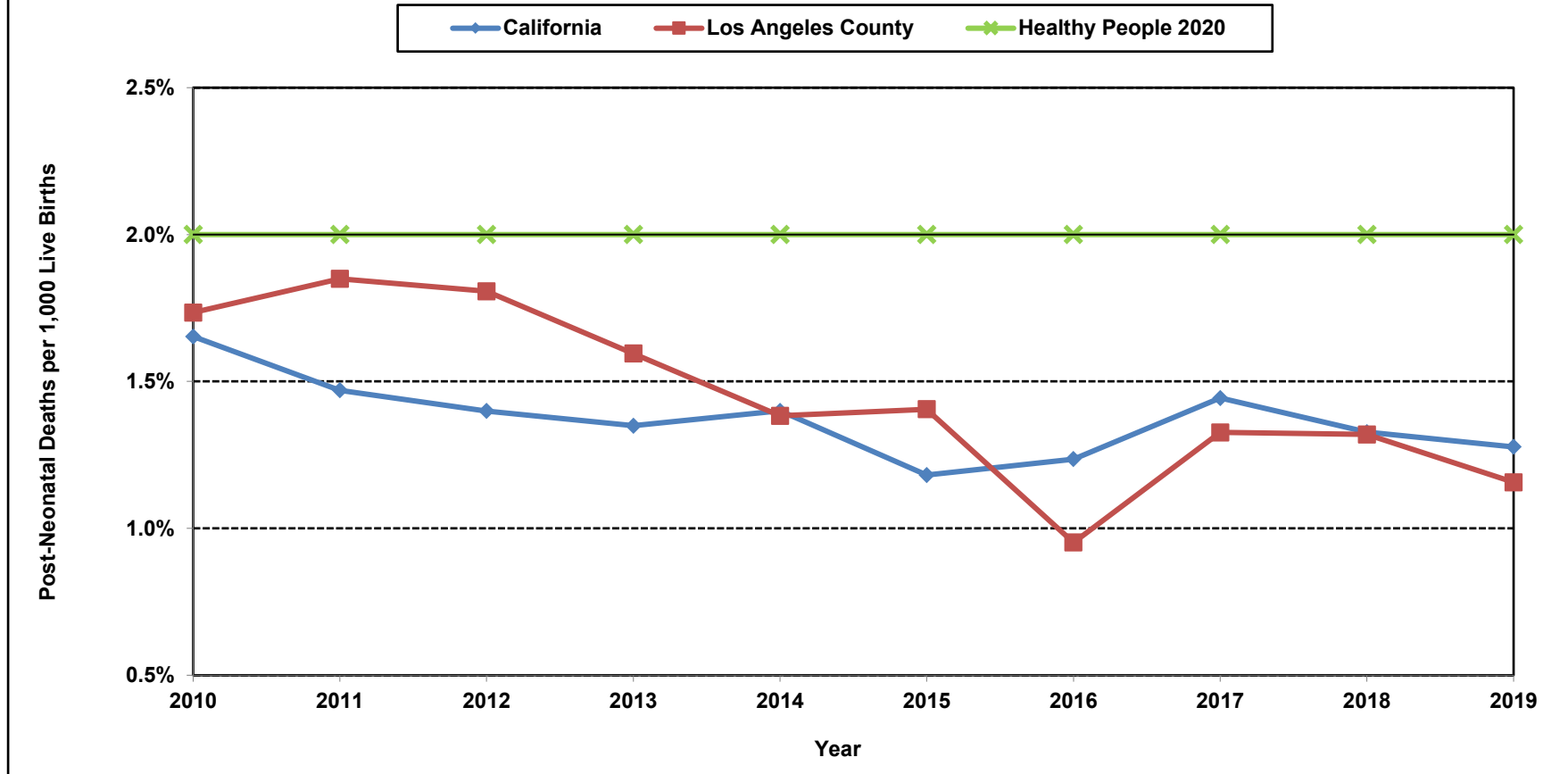
Year	California				Los Angeles County				Denominator: Live Births		
	Post-Neonatal Mortality		95% Confidence Interval		Post-Neonatal Mortality		95% Confidence Interval		Year	California	LA County
	Deaths	Rate	Lower	Upper	Deaths	Rate	Lower	Upper			
2010	843	1.7	1.5	1.8	231	1.7	1.5	2.0	2010	509,979	133,160
2011	738	1.5	1.4	1.6	241	1.8	1.6	2.1	2011	502,023	130,313
2012	705	1.4	1.3	1.5	238	1.8	1.6	2.0	2012	503,788	131,697
2013	667	1.3	1.2	1.5	205	1.6	1.4	1.8	2013	494,392	128,526
2014	704	1.4	1.3	1.5	180	1.4	1.2	1.6	2014	502,973	130,150
2015	581	1.2	1.1	1.3	175	1.4	1.2	1.6	2015	491,748	124,507
2016	604	1.2	1.1	1.3	117	1.0	0.8	1.1	2016	488,827	122,941
2017	681	1.4	1.3	1.6	155	1.3	1.1	1.5	2017	471,658	116,850
2018	604	1.3	1.2	1.4	145	1.3	1.1	1.5	2018	454,920	109,893
2019	572	1.3	1.2	1.4	124	1.2	1.0	1.4	2019	447,834	107,202

Note: "Post-Neonatal Mortality" rate is defined as infant deaths occurring 28 through 364 days of age per 1,000 live births.

Sources: California Integrated Vital Records System, 2018-2019

California Department of Public Health, Death Statistical Master File, 2010-2017

Post-Neonatal Mortality Rate California vs. Los Angeles County, 2010-2019

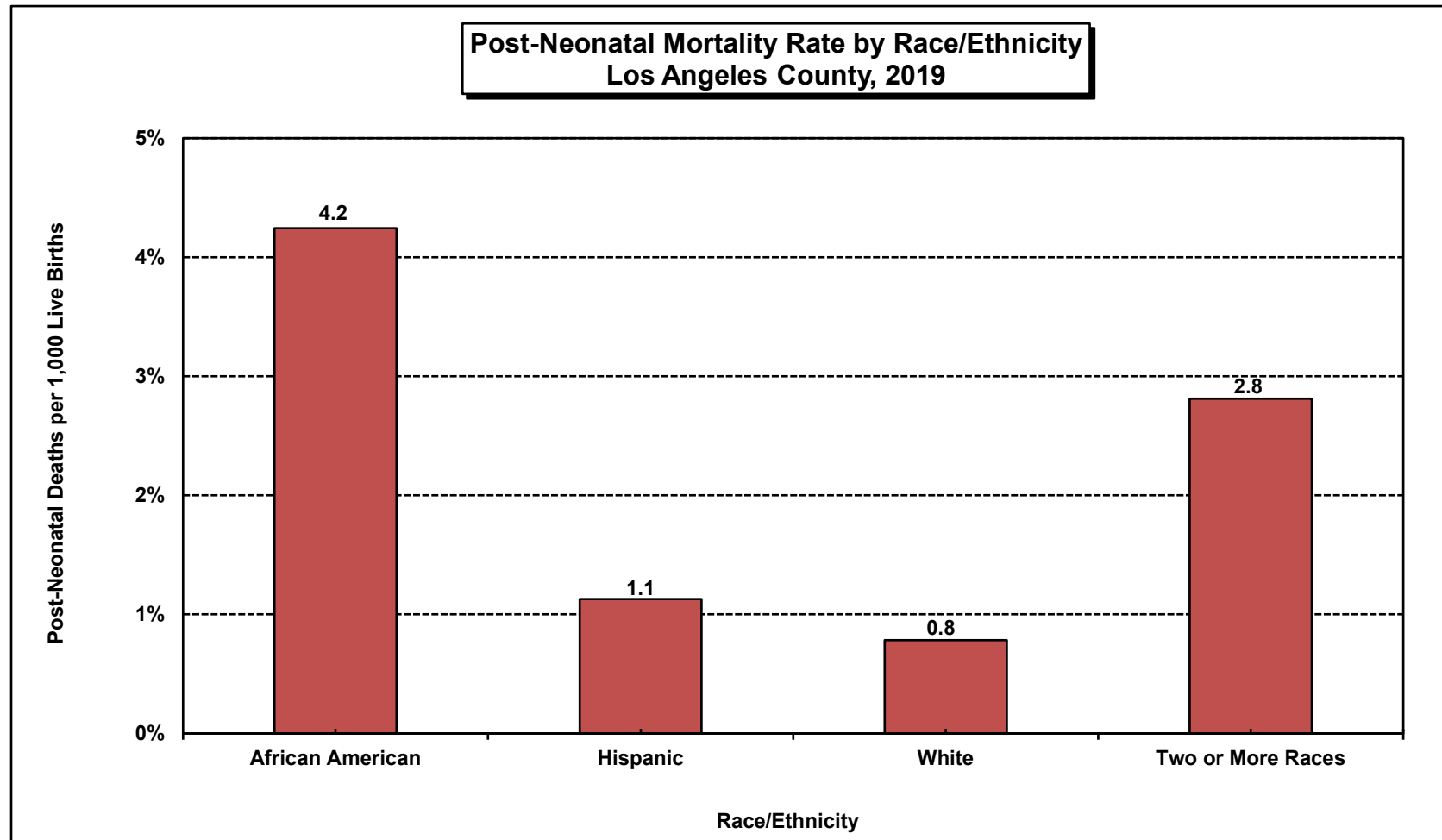


Year 2020 Objective: Reduce the post-neonatal mortality rate to no more than 2.0 per 1,000 live births.

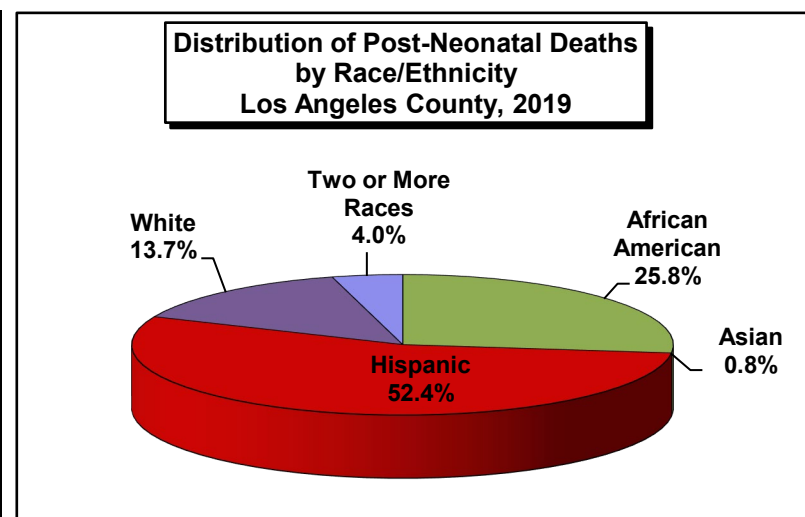
Note: "Post-Neonatal Mortality" rate is defined as infant deaths occurring 28 through 364 days of age per 1,000 live births.

Sources: California Integrated Vital Records System, 2018-2019

California Department of Public Health, Death Statistical Master File, 2010-2017



Los Angeles County, 2019					Total Live Births
Race/Ethnicity	Post-Neonatal Mortality		95% Confidence Interval		
	Deaths	Rate	Lower	Upper	
African American	32	4.2	2.8	5.7	7,539
Asian	<5	N/C	N/C	N/C	16,359
Pacific Islander	<5	N/C	N/C	N/C	256
Hispanic	65	1.1	0.9	1.4	57,561
Native American	<5	N/C	N/C	N/C	133
White	17	0.8	0.4	1.2	21,679
Two or More Races	5	2.8	0.4	5.3	1,779
Other/Unknown	<5	N/C	N/C	N/C	1,896
Total	124	1.2	1.0	1.4	107,202



Year 2020 Objective: Reduce the post-neonatal mortality rate to no more than 2.0 per 1,000 live births.

Note: "Post-Neonatal Mortality" rate is defined as infant deaths occurring 28 through 364 days of age per 1,000 live births.

Source: California Integrated Vital Records System, 2019