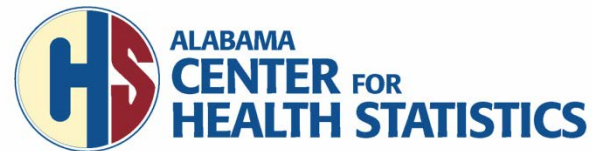


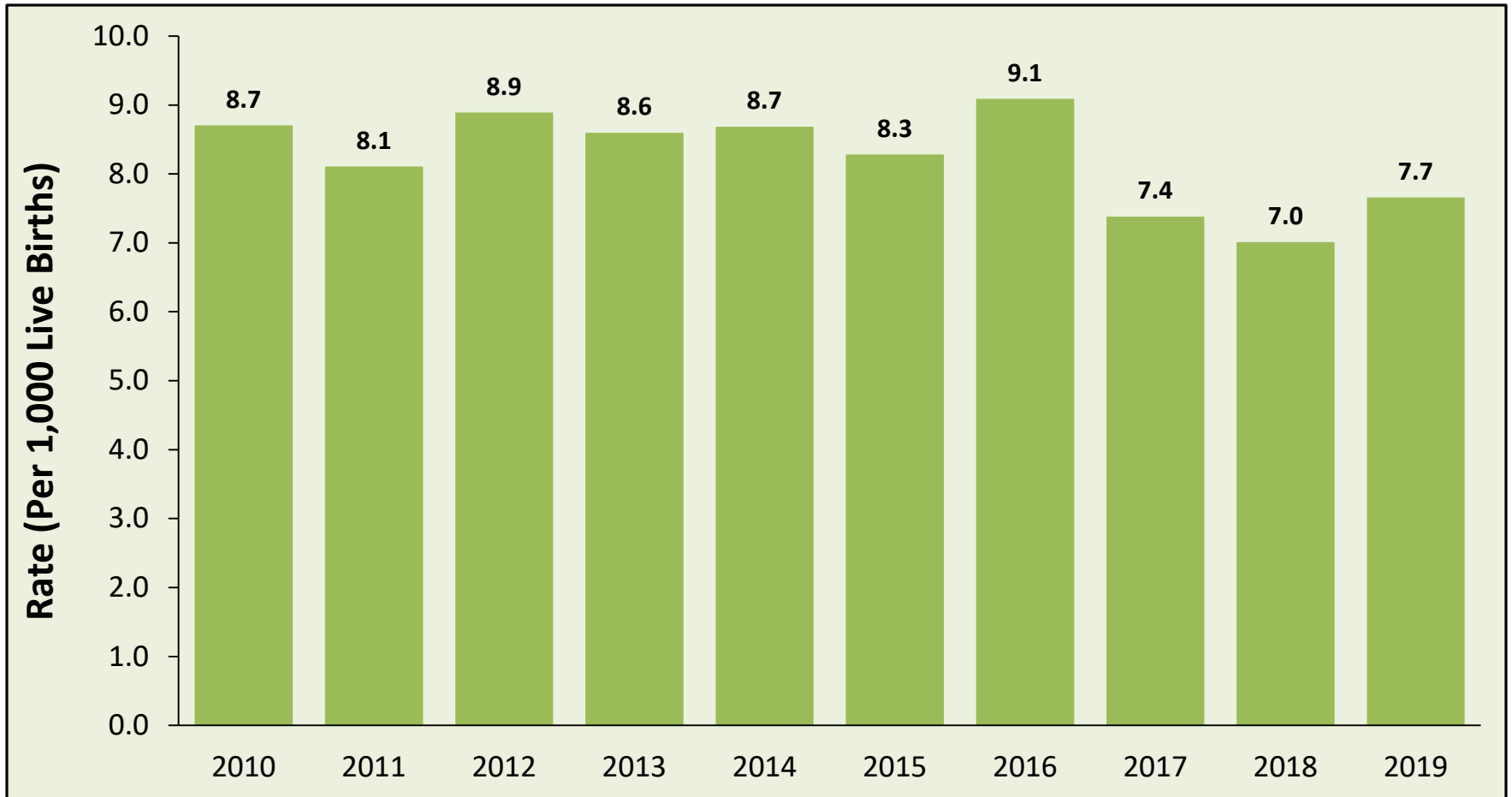
INFANT MORTALITY ALABAMA 2019

ALABAMA DEPARTMENT OF PUBLIC HEALTH
CENTER FOR HEALTH STATISTICS

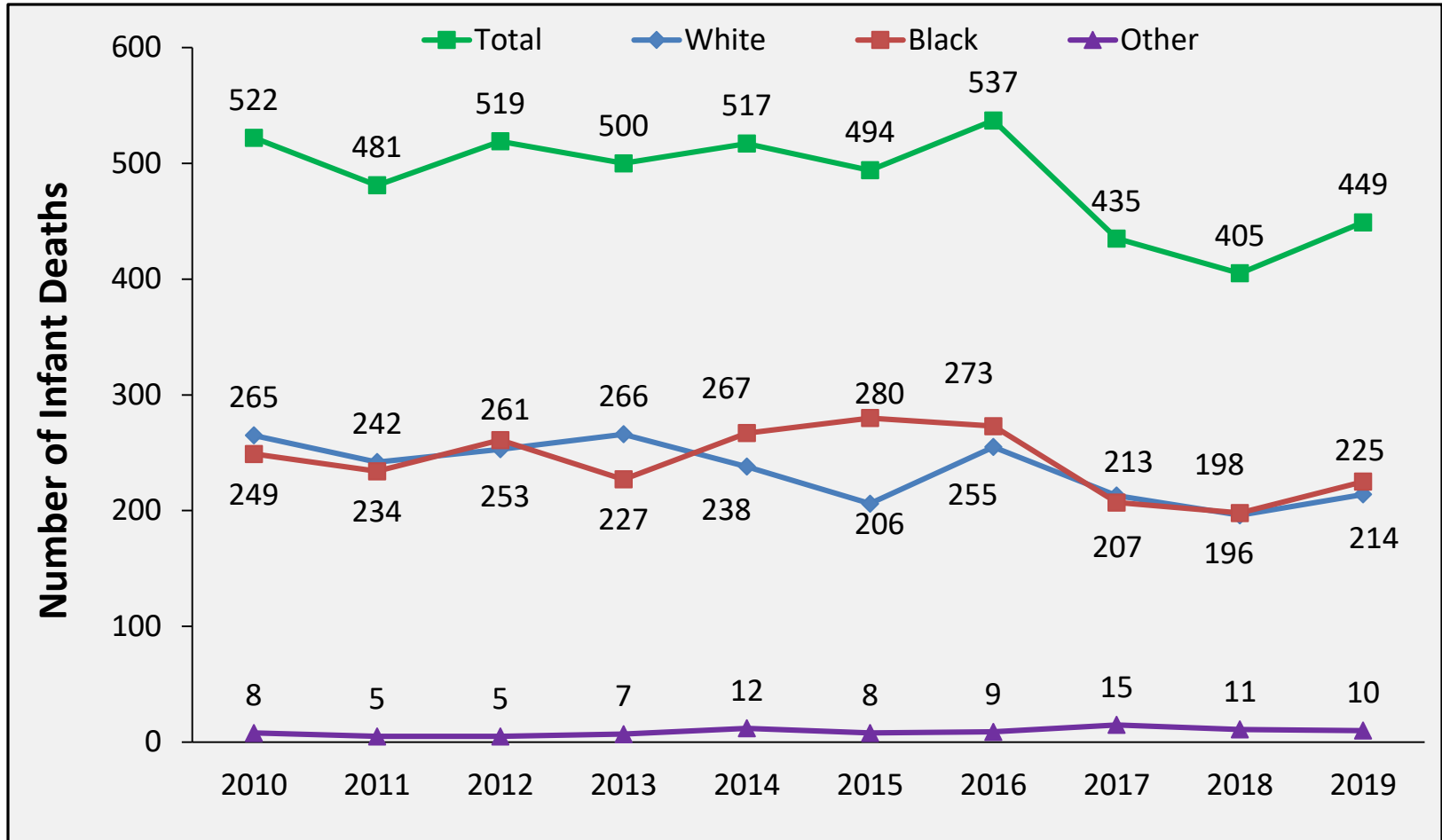
December 16, 2020



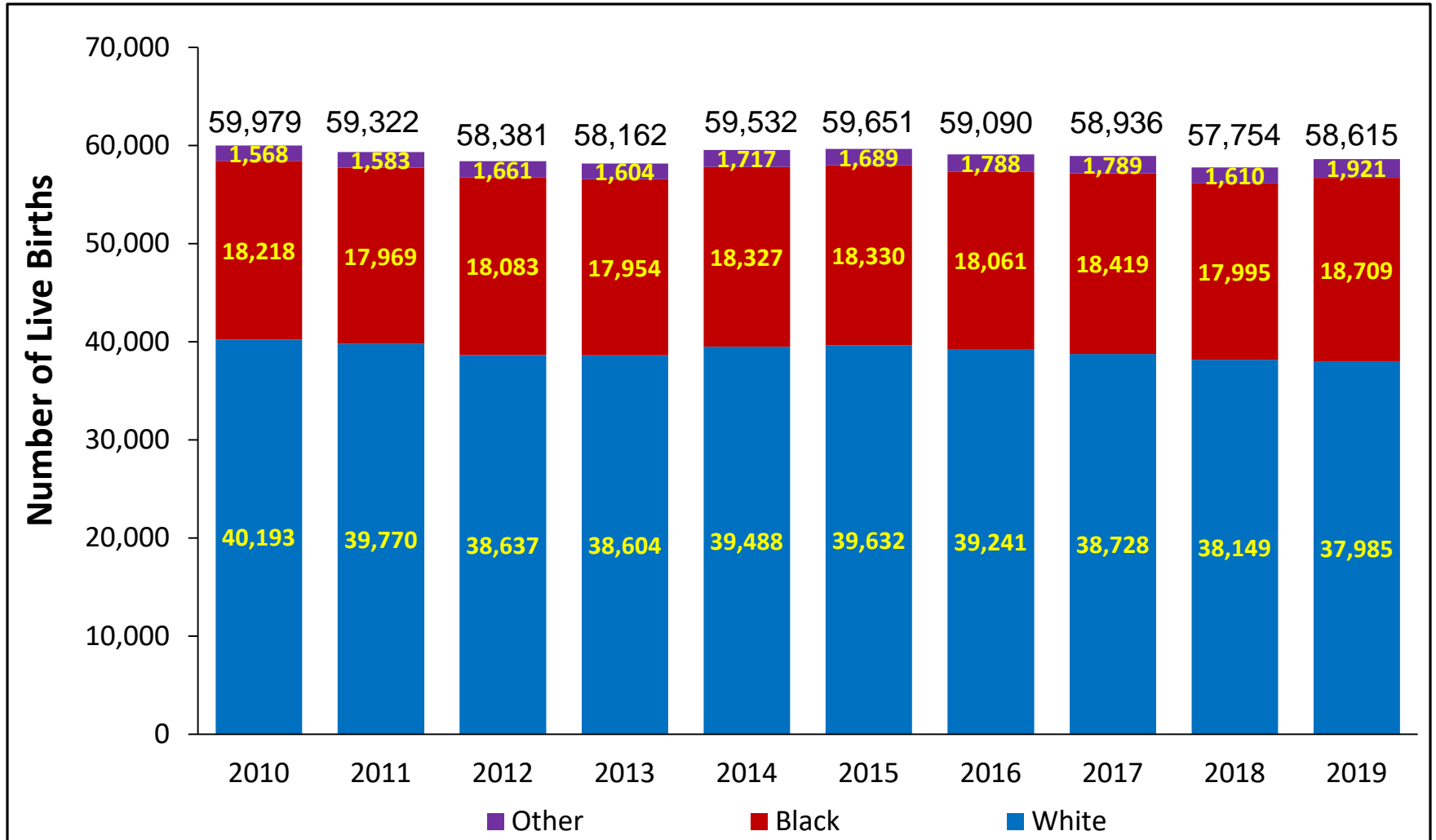
INFANT MORTALITY RATES ALABAMA, 2010-2019



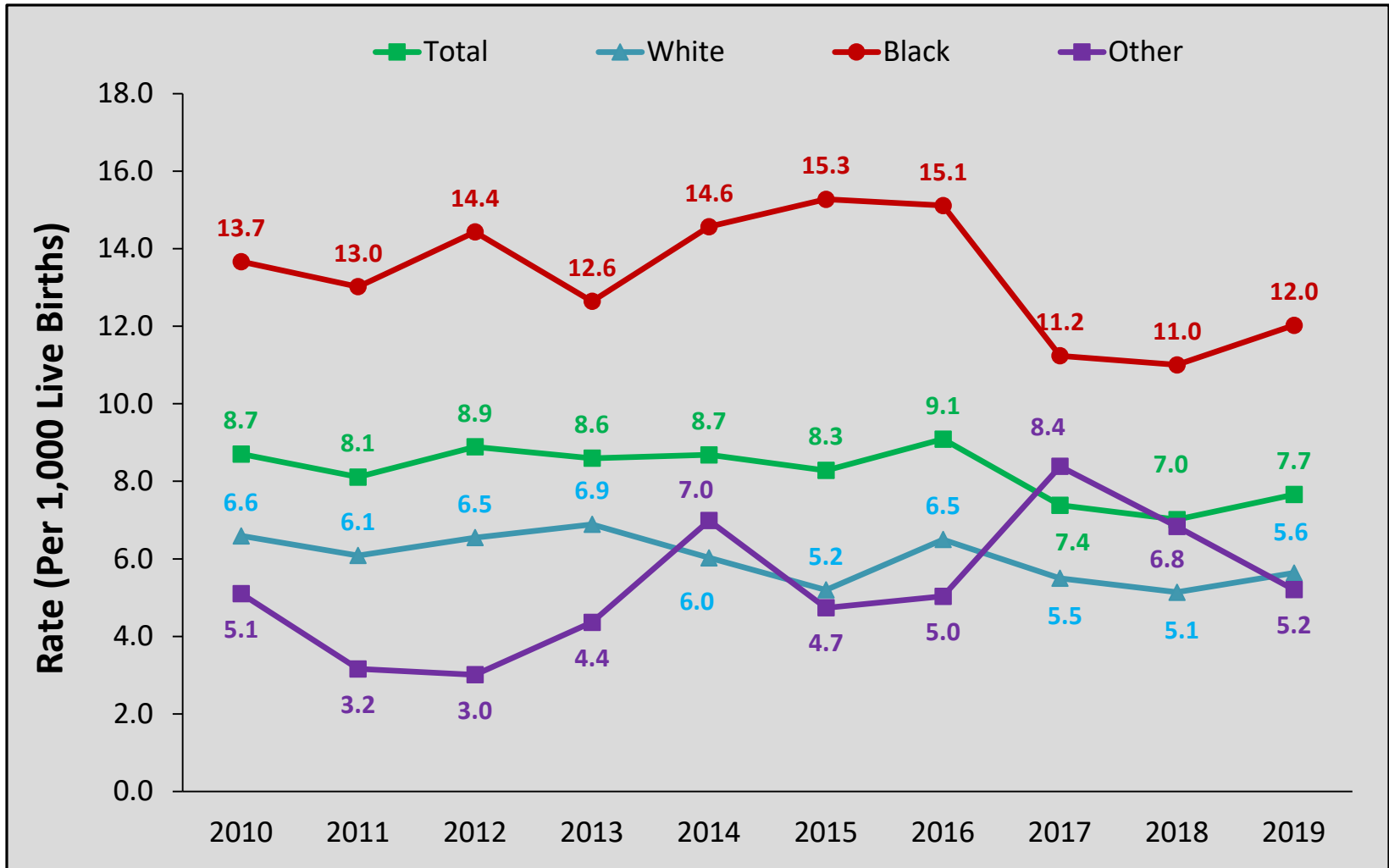
NUMBER OF INFANT DEATHS ALABAMA, 2010-2019



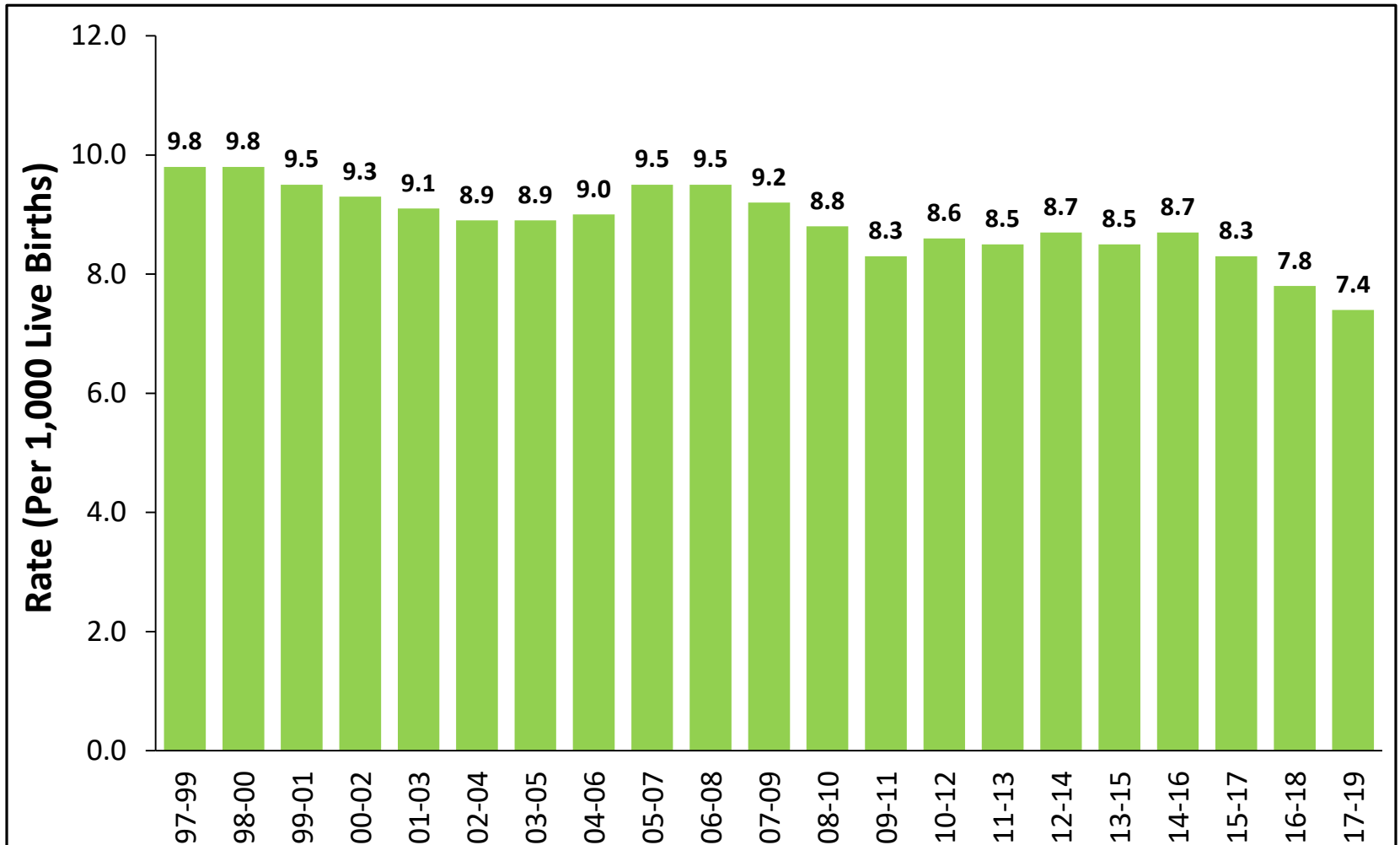
NUMBER OF BIRTHS ALABAMA, 2010-2019



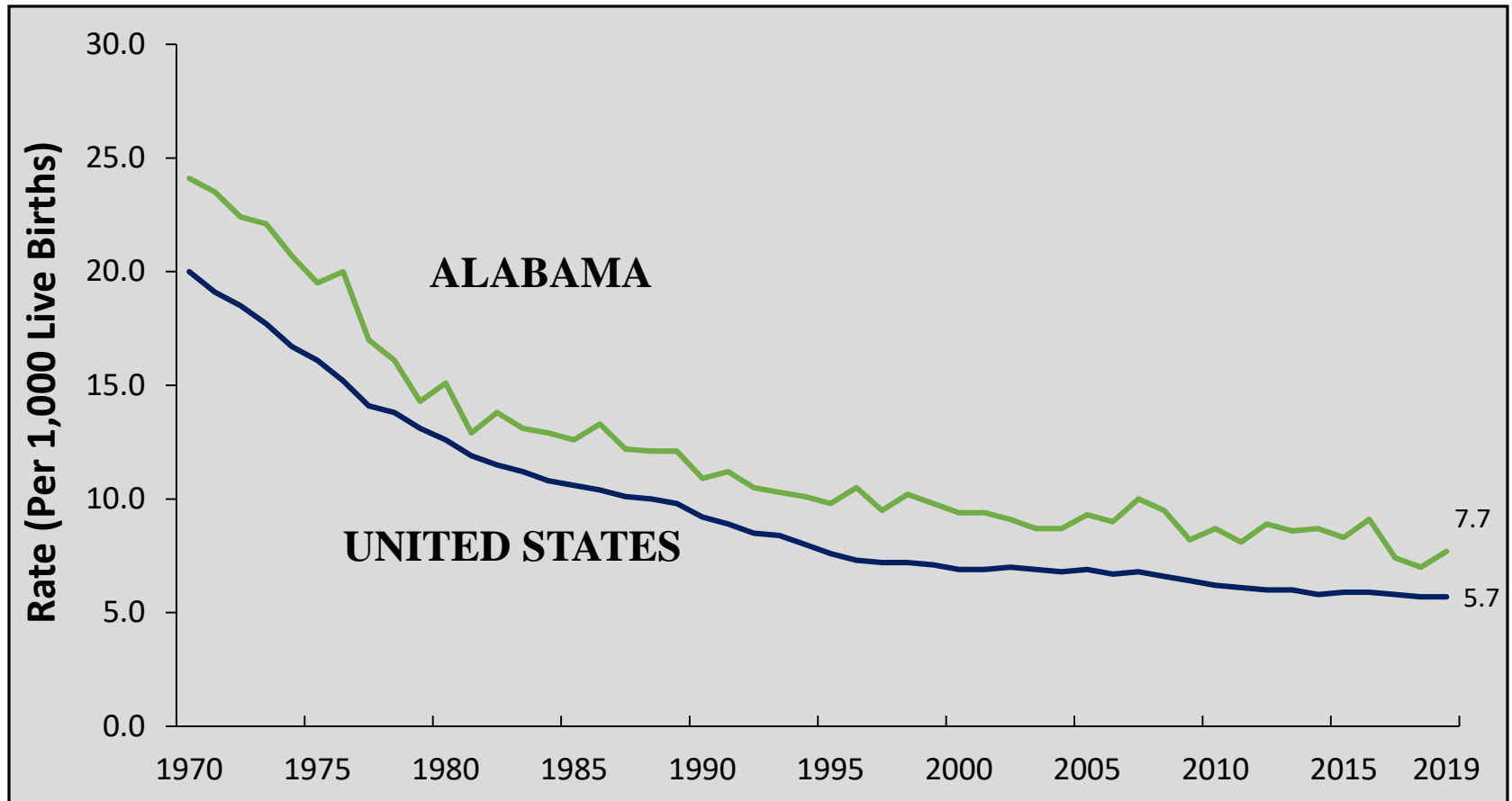
INFANT MORTALITY RATES ALABAMA, 2010-2019



THREE-YEAR INFANT MORTALITY RATES ALABAMA, 1997-1999 to 2017-2019



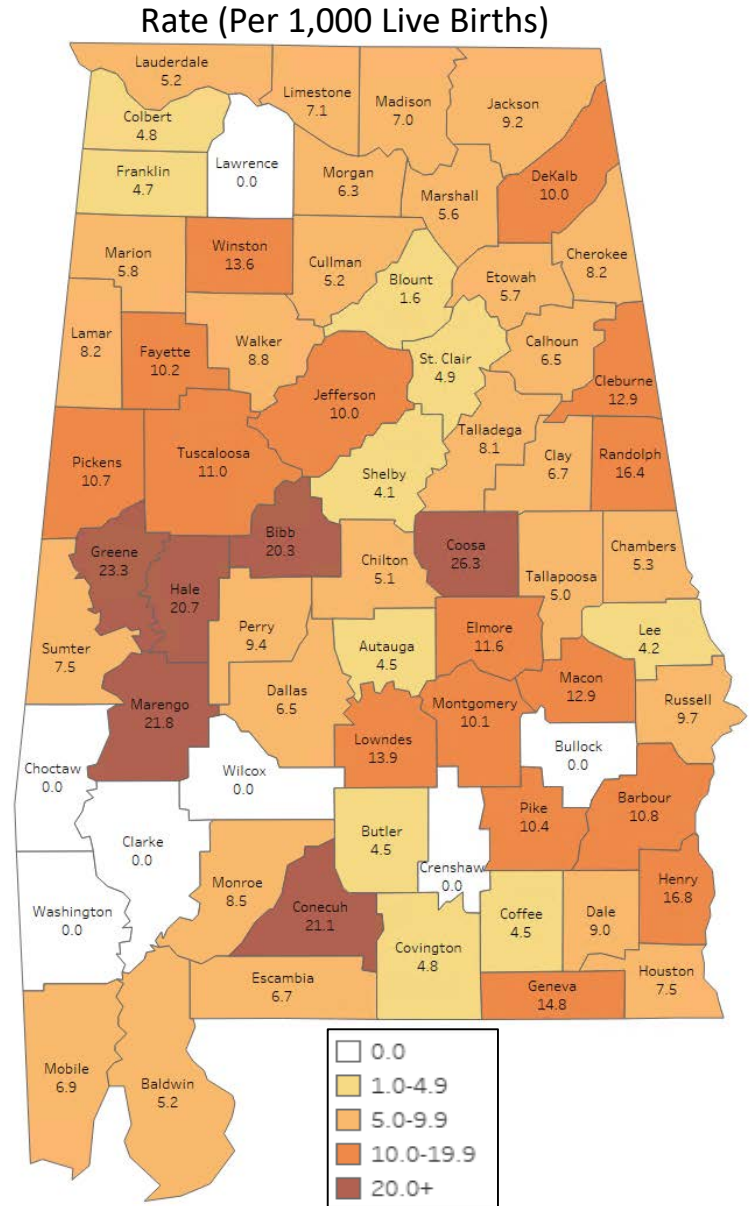
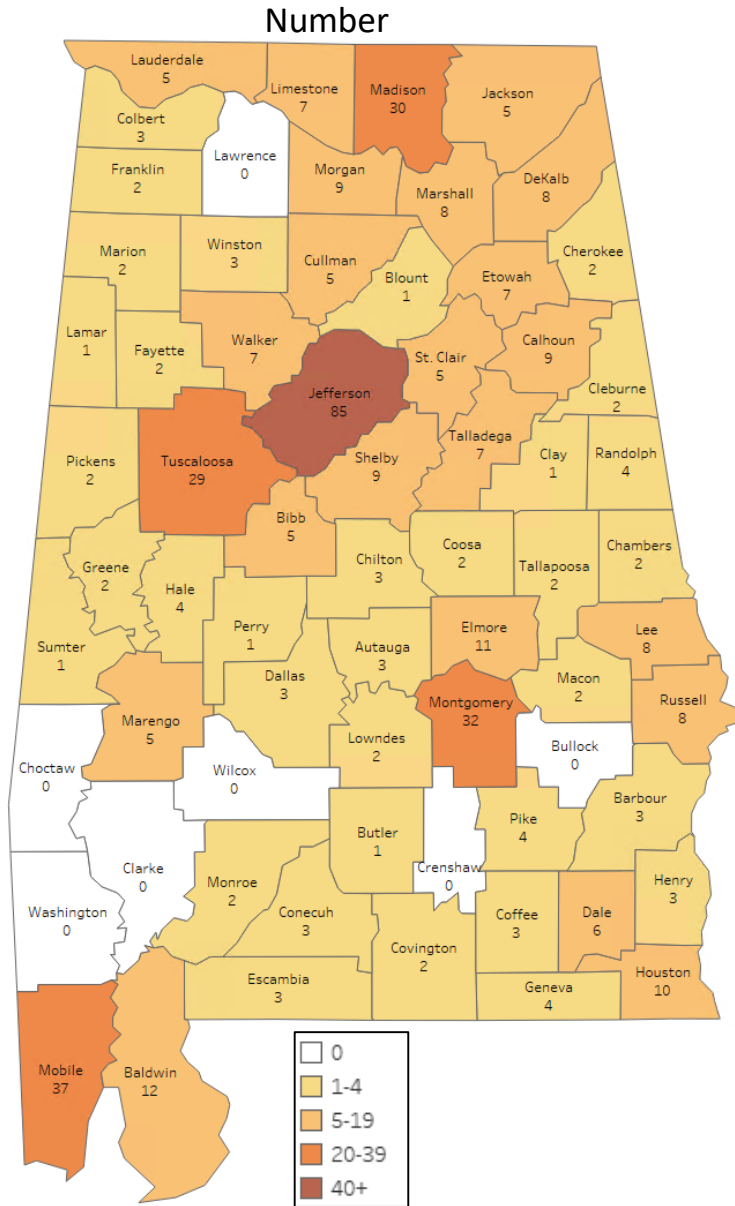
INFANT MORTALITY RATES ALABAMA AND UNITED STATES¹, 1970-2019



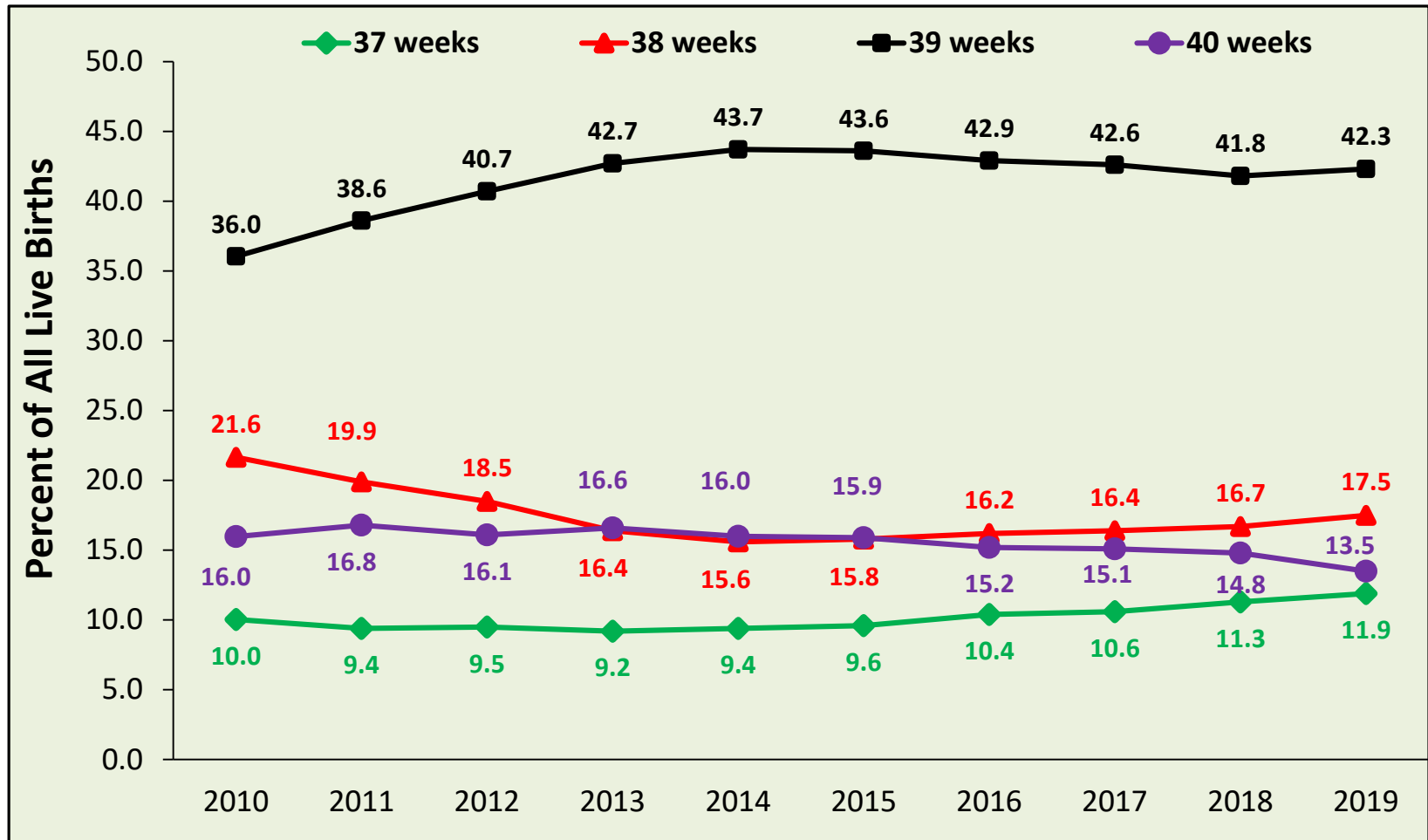
¹ 2019 national data is provisional number for the 12-month period ending with 2019 Q3.

INFANT MORTALITY BY COUNTY OF RESIDENCE

ALABAMA, 2019



PERCENT OF BIRTHS AT 37 - 40 WEEKS GESTATION ALABAMA, 2010-2019

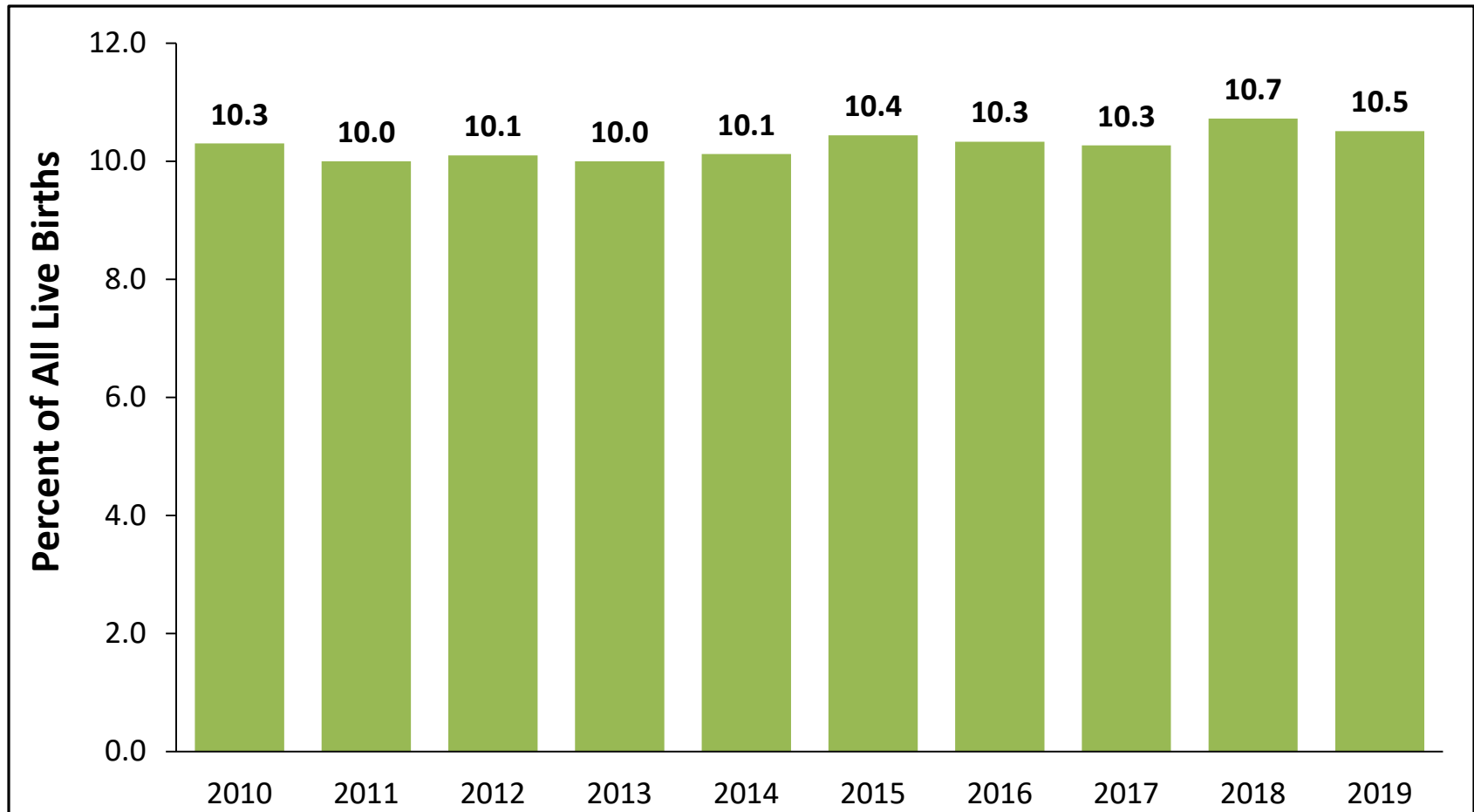


PERCENT OF BIRTHS LESS THAN 37 WEEKS GESTATION ALABAMA, 2010-2019



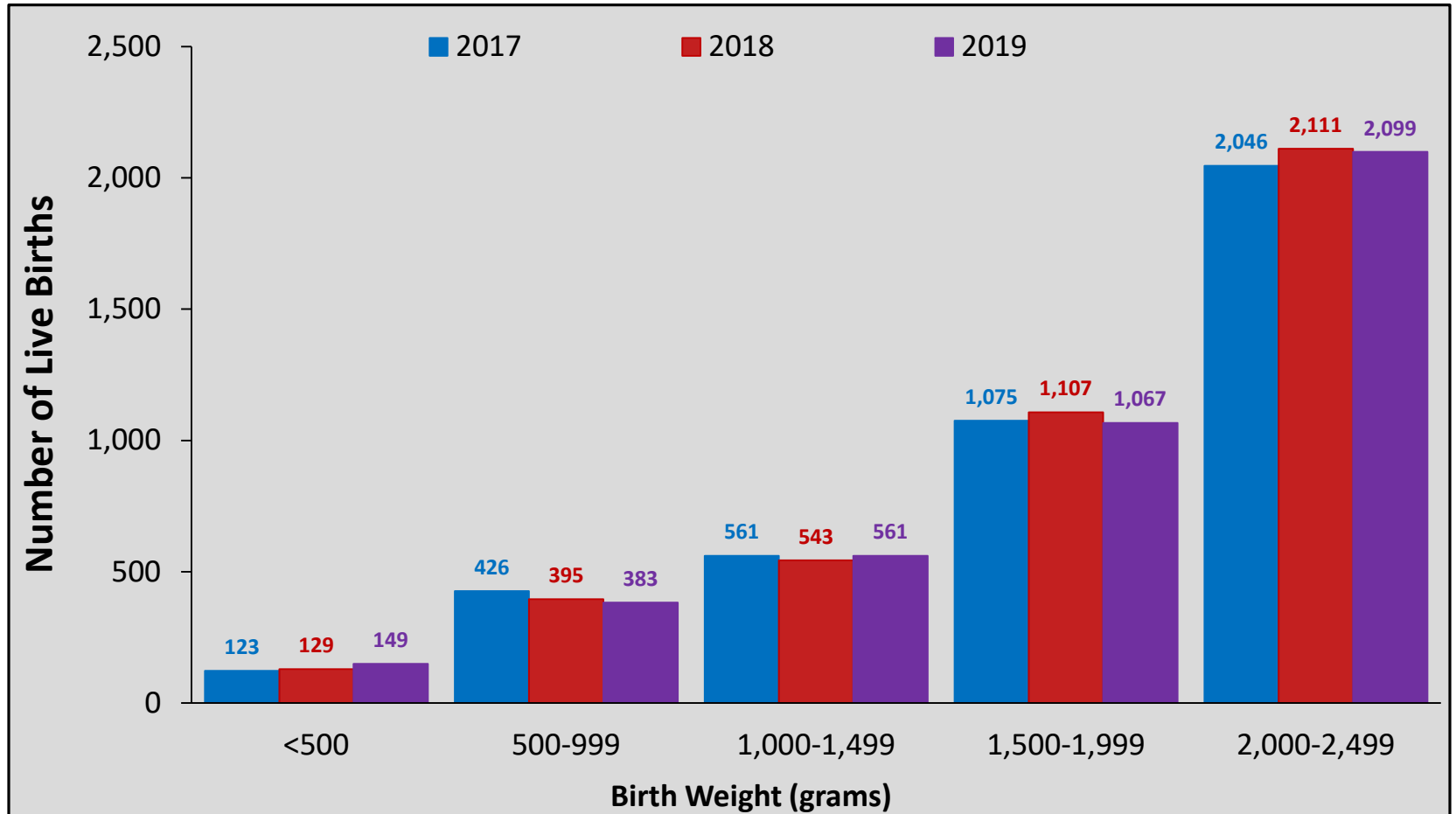
PERCENT OF LOW WEIGHT BIRTHS*

ALABAMA, 2010-2019



*Low birth weight is weight at birth under 2,500 grams.

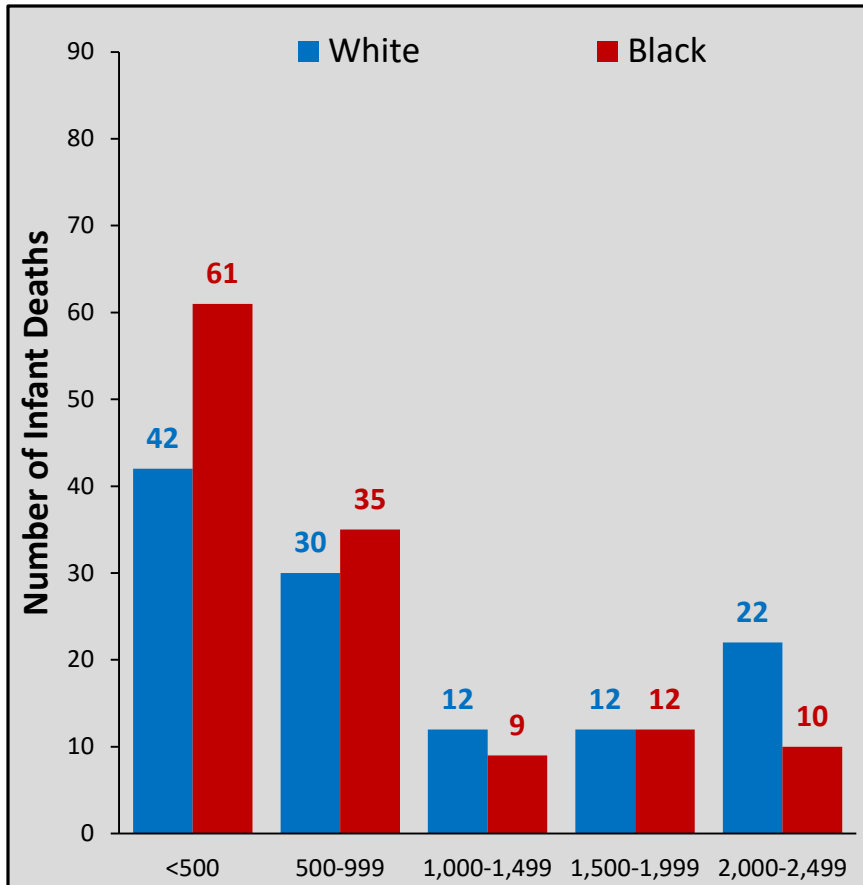
NUMBER OF PRETERM BIRTHS* BY BIRTH WEIGHT ALABAMA, 2017 - 2019



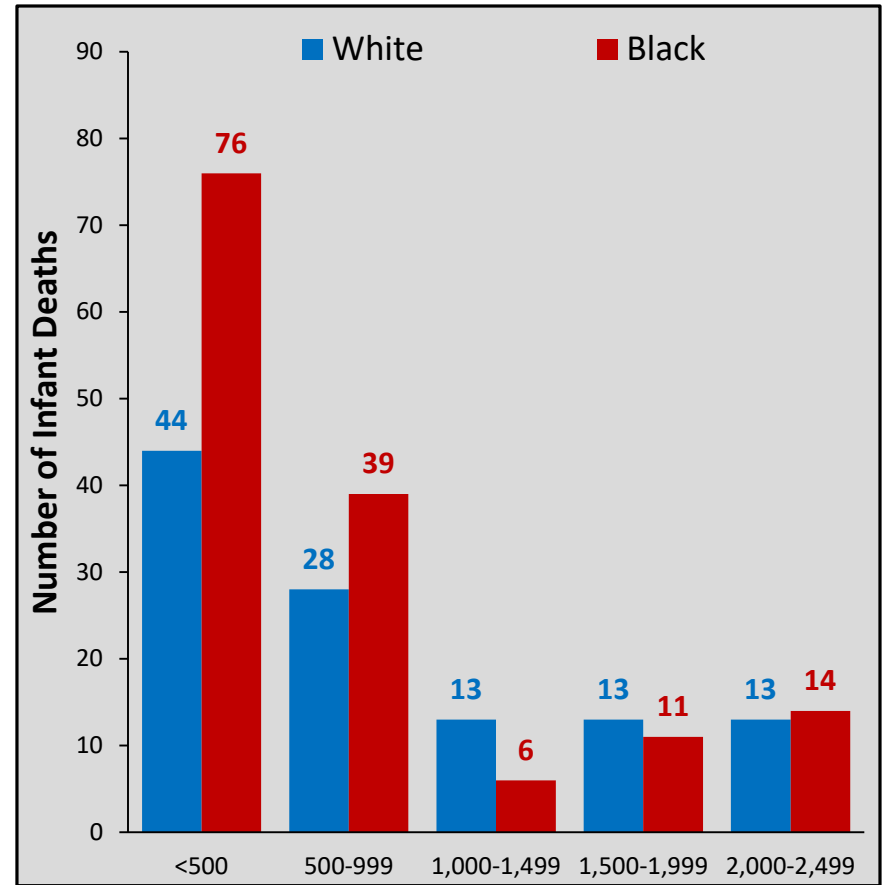
*Preterm birth is a live birth occurring before the 37th week of gestation.

NUMBER OF INFANT DEATHS WITH PRETERM BIRTHS BY RACE OF INFANT AND BIRTH WEIGHT ALABAMA, 2018 vs. 2019

2018



2019

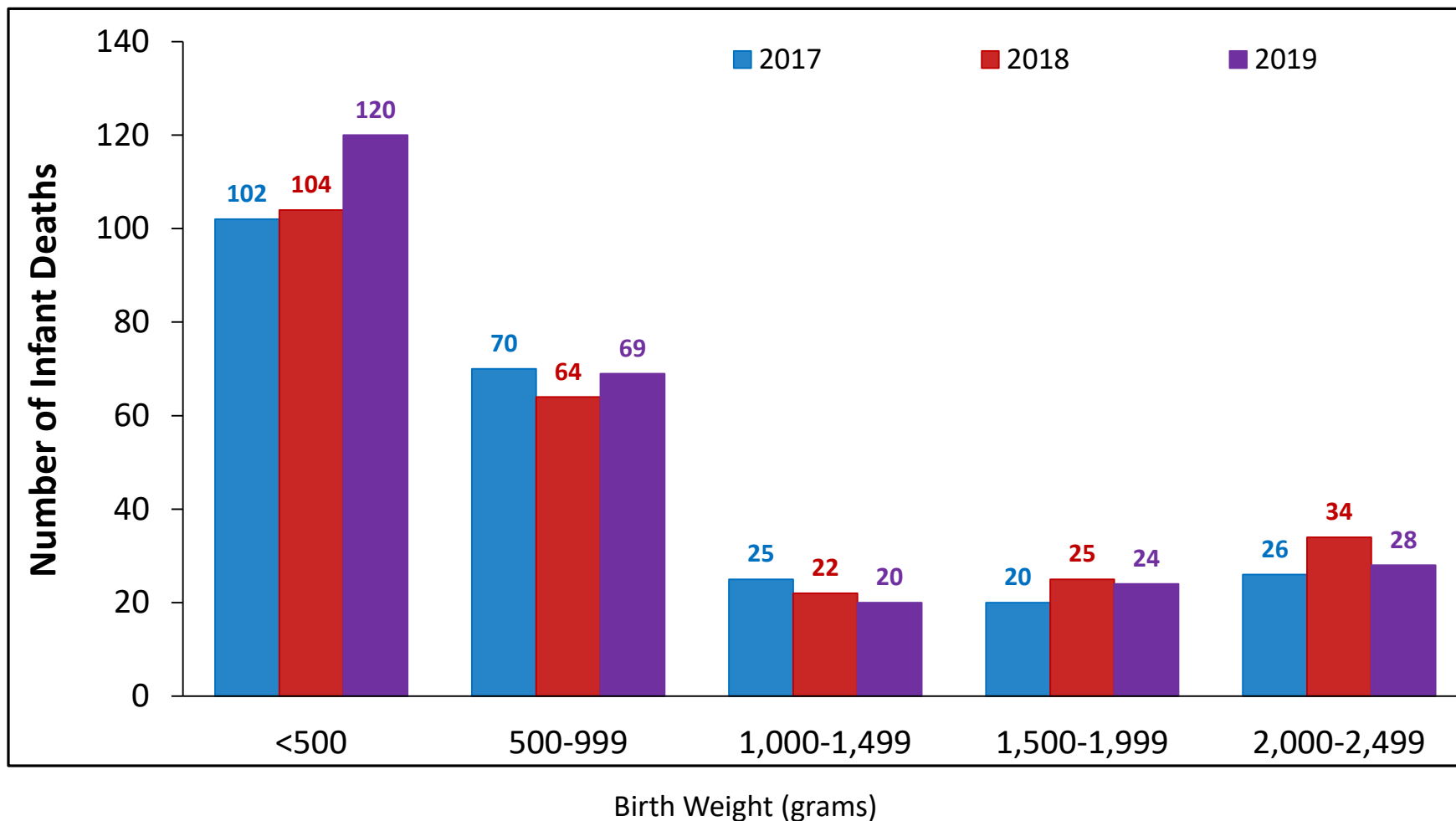


Birth Weight (grams)

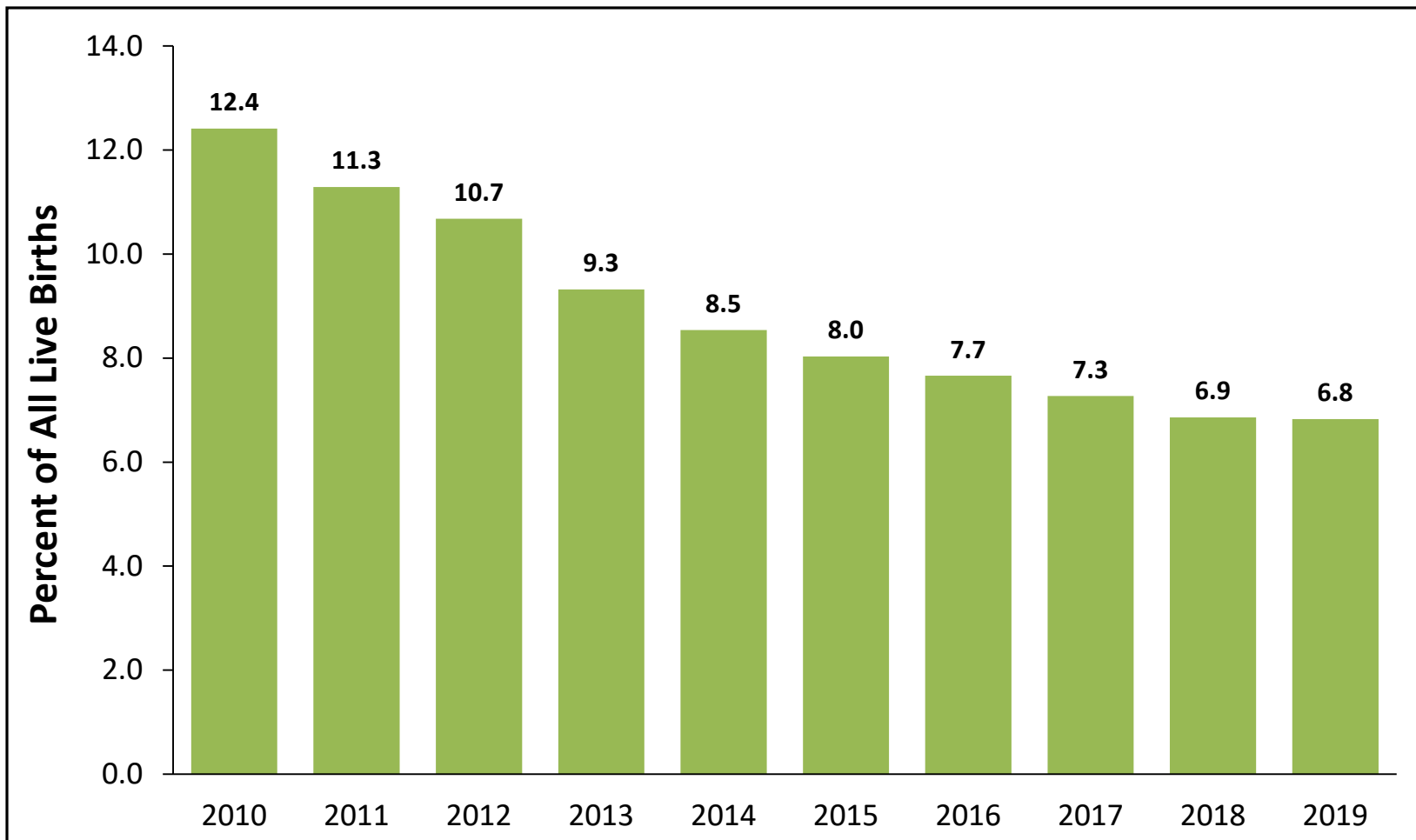
Birth Weight (grams)

*Above graphs exclude racial groups other than White and Black.

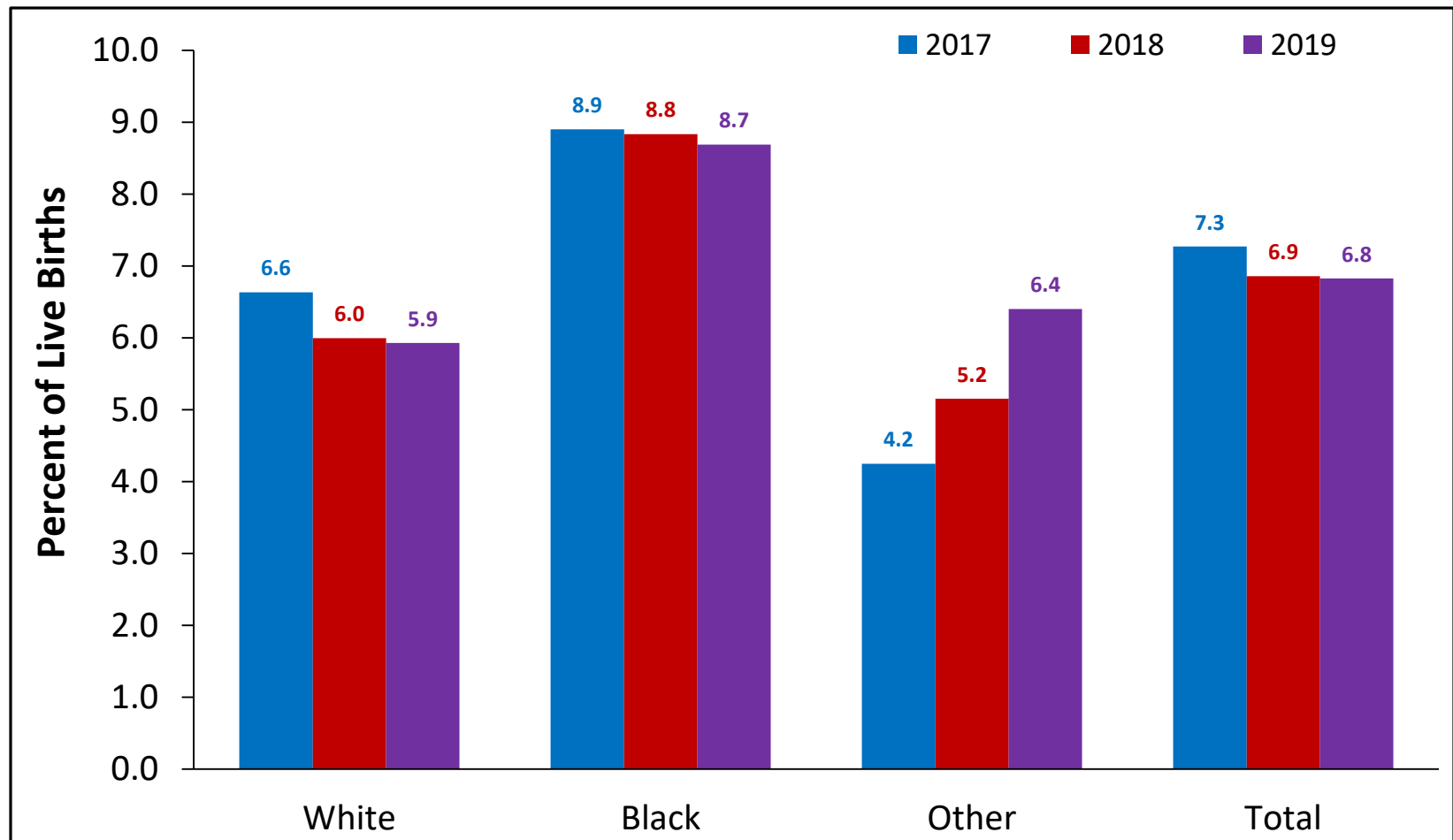
NUMBER OF INFANT DEATHS WITH PRETERM BIRTHS BY BIRTH WEIGHT ALABAMA, 2017 - 2019



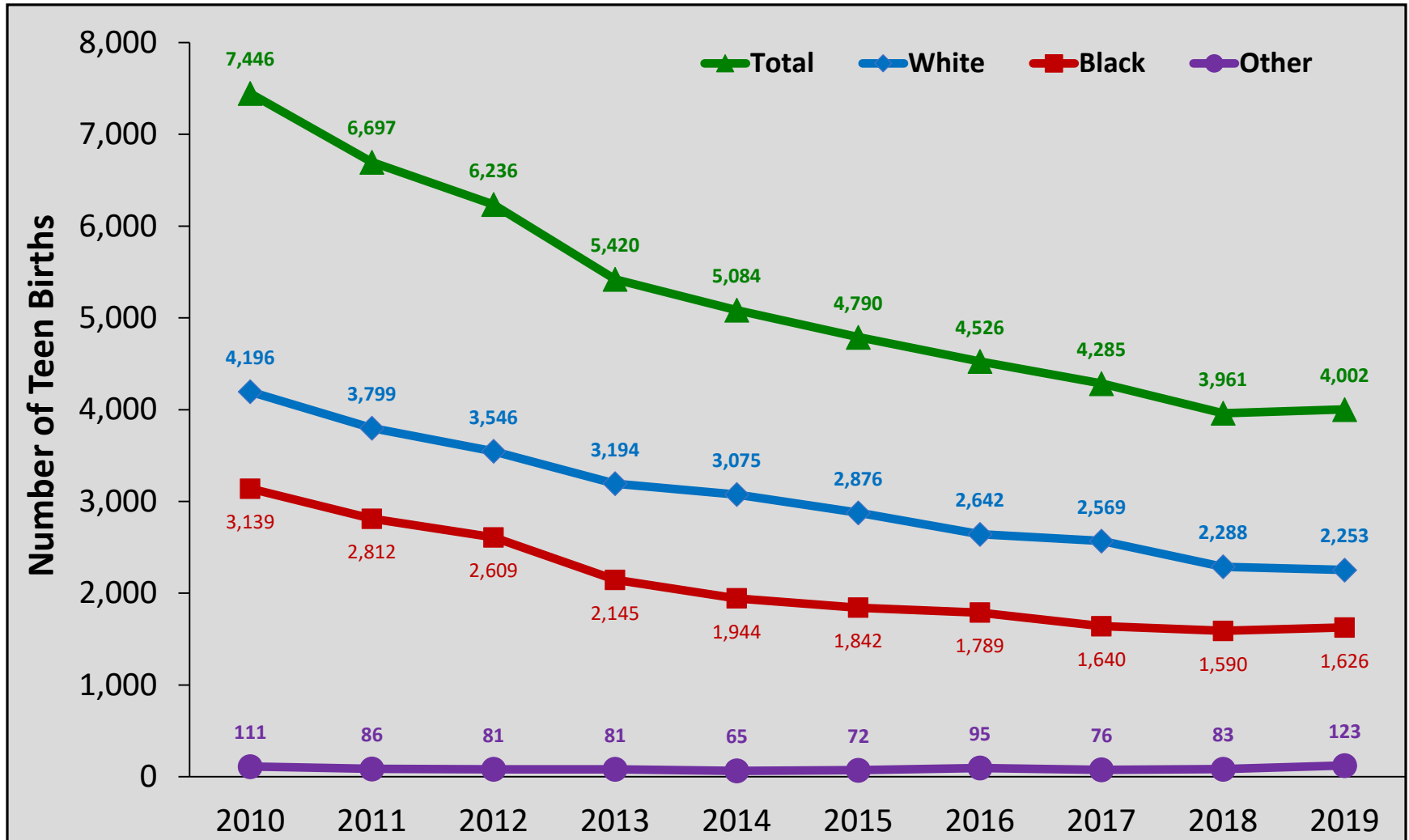
PERCENT OF BIRTHS TO TEENAGERS (AGES 10-19) ALABAMA, 2010-2019



PERCENT OF BIRTHS TO TEENAGERS (AGES 10-19) BY RACE ALABAMA, 2017 - 2019



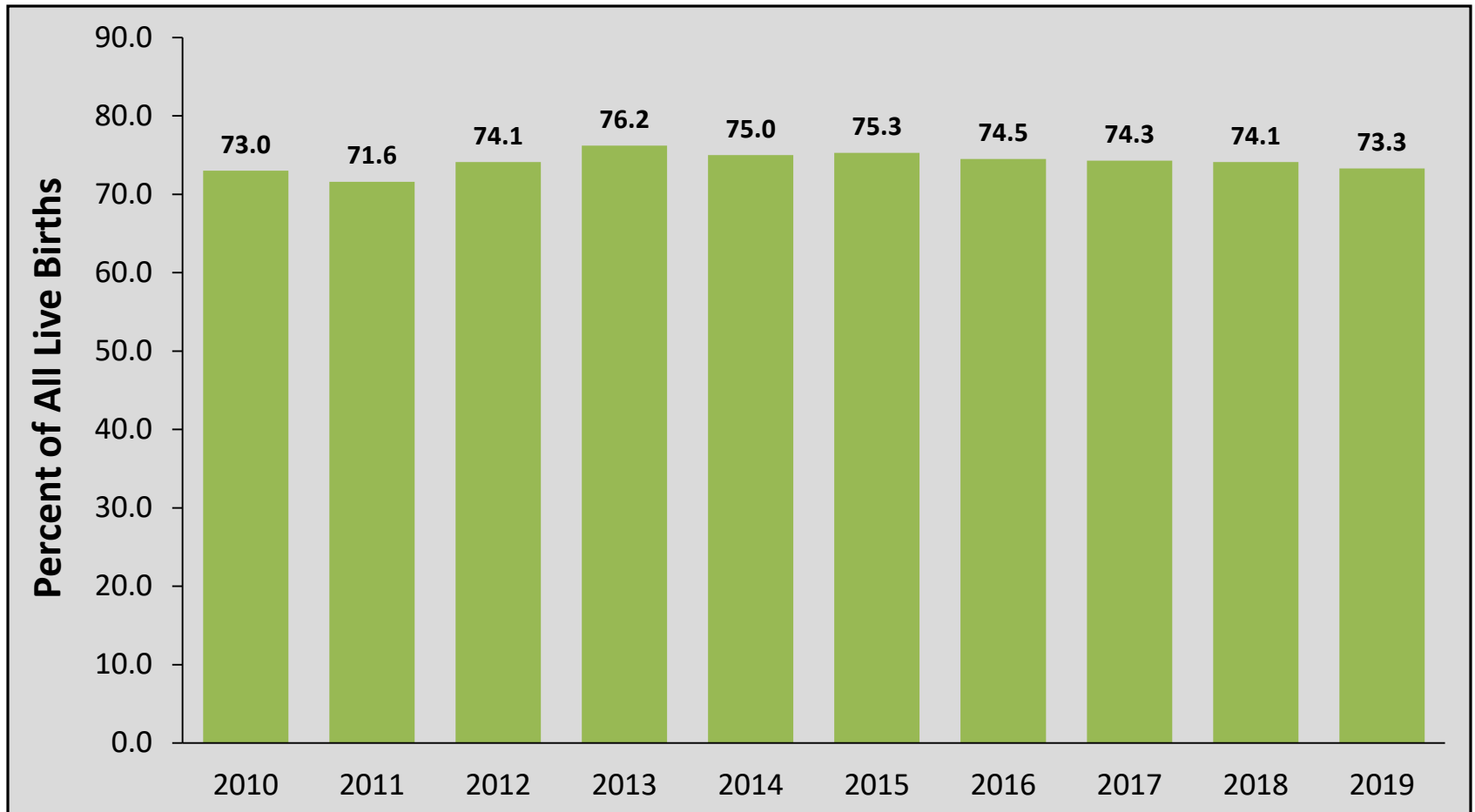
NUMBER OF BIRTHS TO TEENAGERS (AGES 10-19) ALABAMA, 2010-2019



PERCENT OF BIRTHS WITH A BIRTH INTERVAL LESS THAN 2 YEARS, ALABAMA, 2010-2019

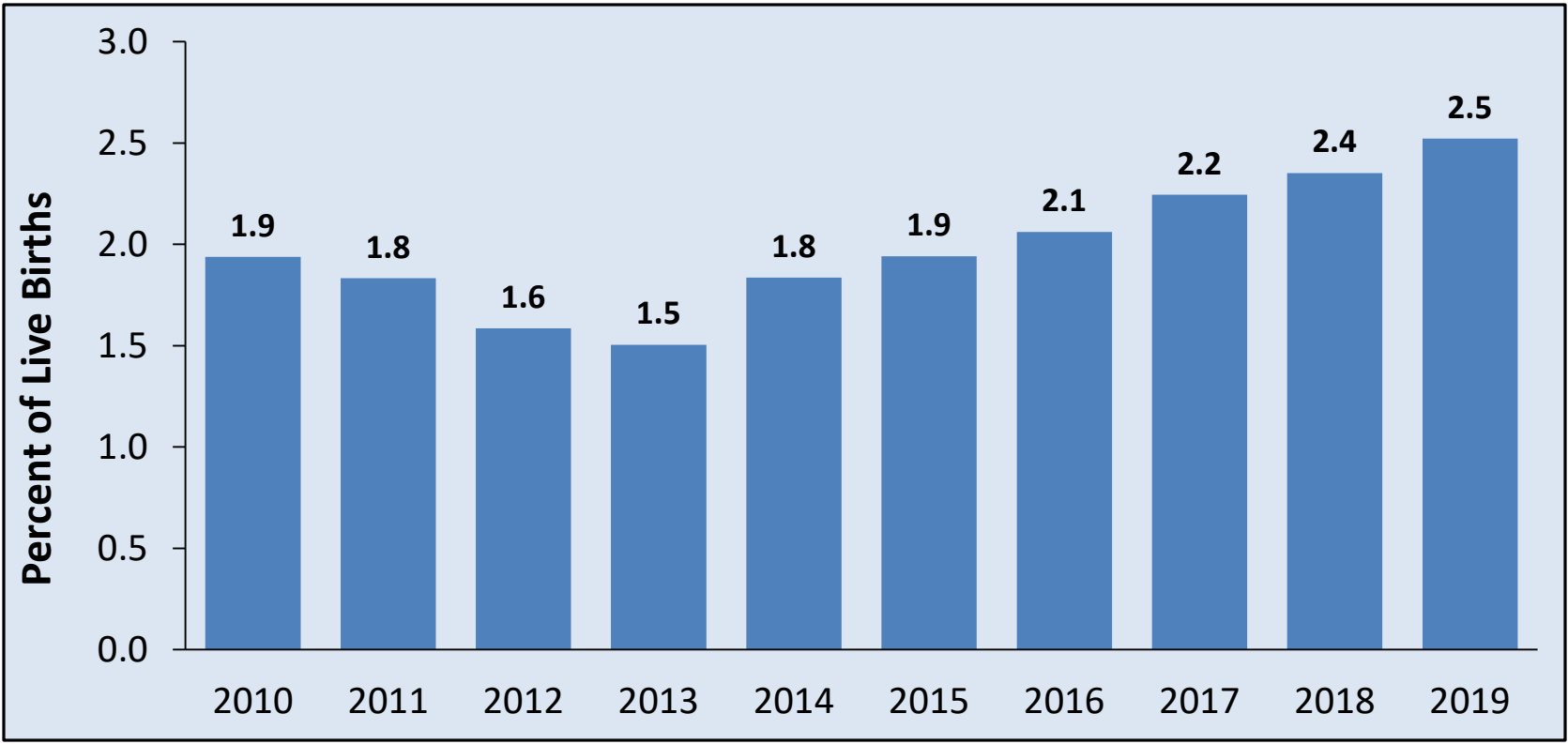


PERCENT OF BIRTHS WITH ADEQUATE PRENATAL CARE¹ ALABAMA, 2010-2019

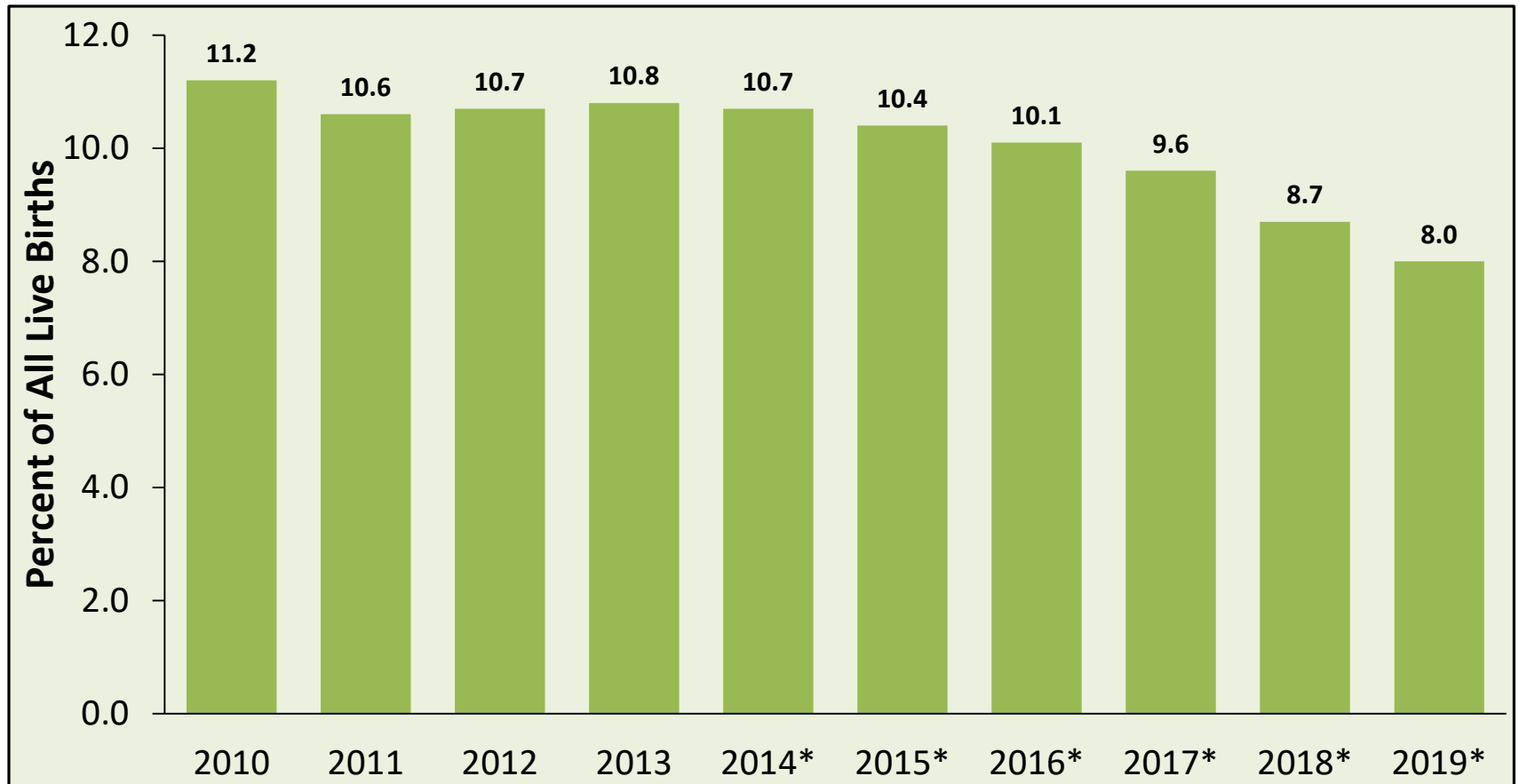


¹Adequacy of care includes both adequate plus and adequate as measured by the Kotelchuck index. Percentage calculation excludes unknown status.

PERCENT OF BIRTHS WITH NO PRENATAL CARE ALABAMA, 2010-2019

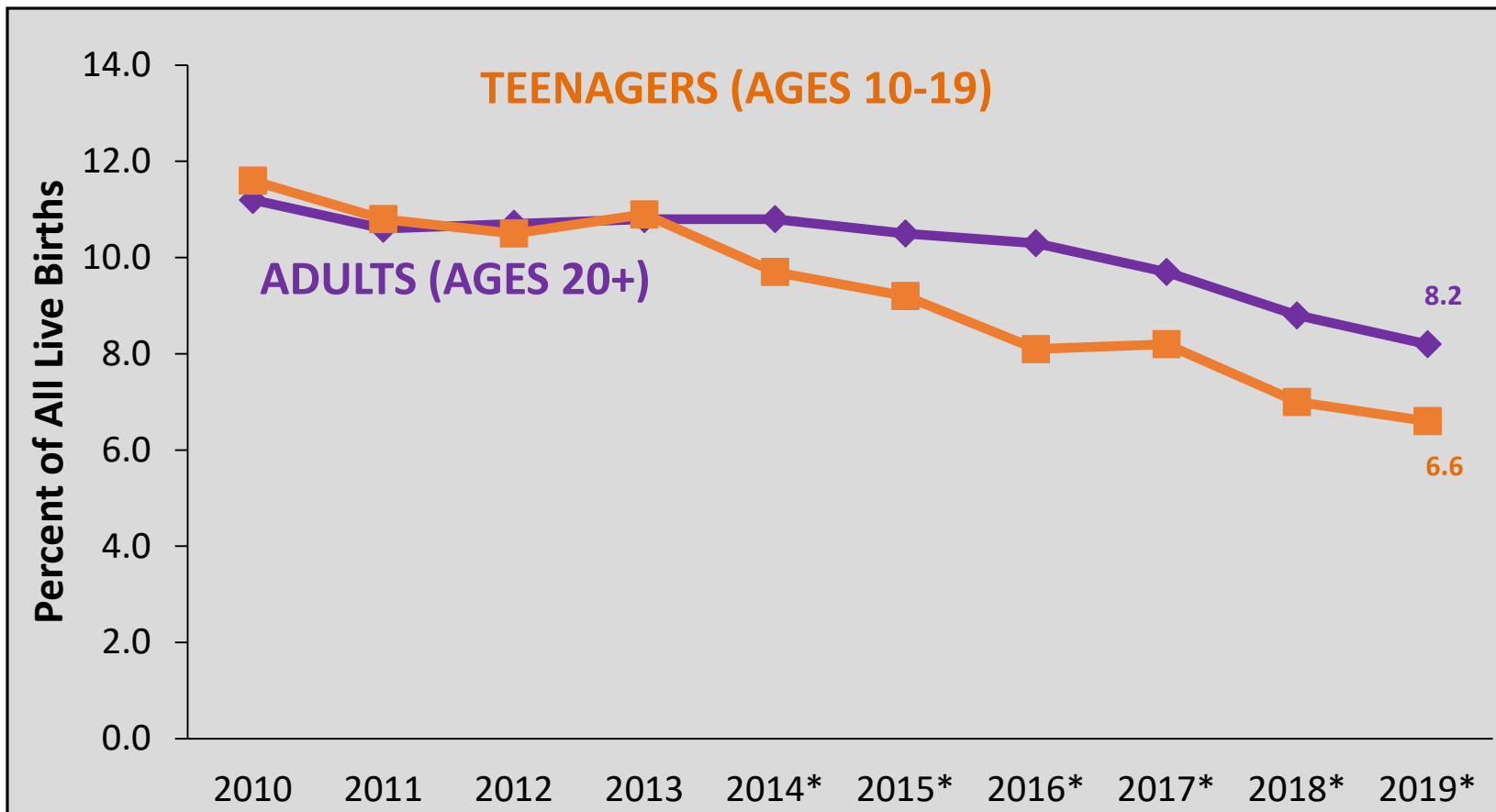


PERCENT OF BIRTHS WITH MATERNAL SMOKING ALABAMA, 2010-2019



*Smoking question changed from “yes” or “no” during pregnancy to an indication for each trimester in 2014. For comparison, smoking in any trimester equaled smoking during pregnancy.

PERCENT OF BIRTHS WITH MATERNAL SMOKING BY AGE OF MOTHER ALABAMA, 2010-2019



*Smoking question changed from “yes” or “no” during pregnancy to an indication for each trimester in 2014. For comparison, smoking in any trimester equaled smoking during pregnancy.

LEADING CAUSES OF INFANT DEATHS ALABAMA, 2019

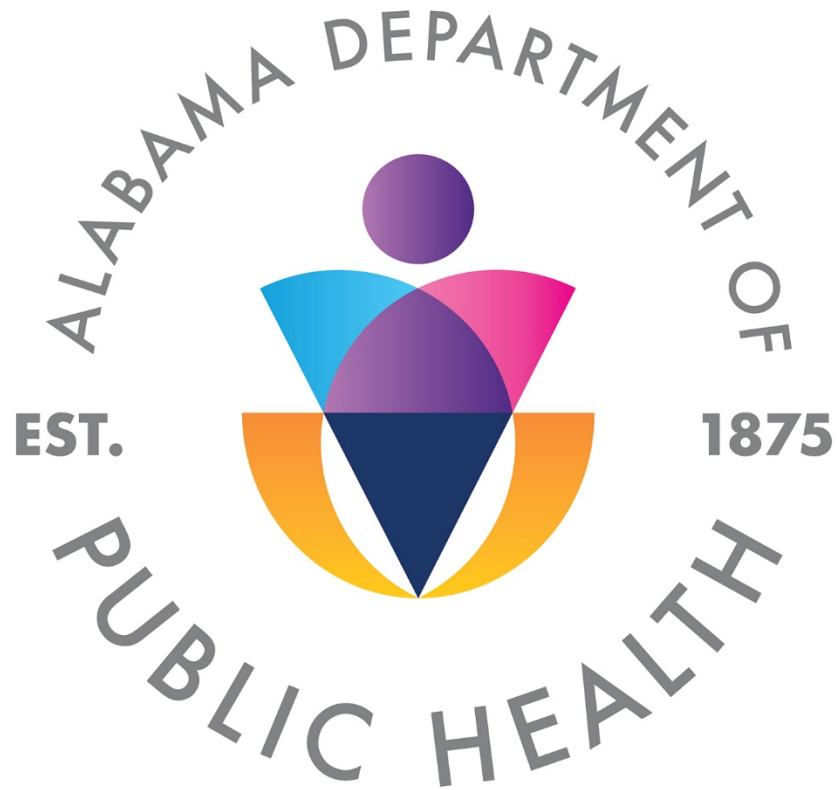
- Three leading causes of infant deaths
 - Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
 - Disorders related to short gestation and low birth weight, not elsewhere classified (P07)
 - Sudden infant death syndrome (R95)
- Three leading causes of infant deaths accounted for 40.2% of infant deaths.

LEADING CAUSES OF INFANT DEATHS ALABAMA, 2019

Leading Causes of Infant Deaths	Number of Infant Deaths				Percent ¹		
	White	Black	Other	Total	AL (2019)	AL (2018)	US ² (2018)
Congenital malformations, deformations, and abnormalities (Q00-Q99)	54	31	4	89	19.8	20.0	20.9
Disorders related to short gestation and LBW, not elsewhere classified (P07)	24	43	1	68	15.1	19.3	17.1
Sudden infant death syndrome (R95)	10	14	0	24	5.3	5.4	6.2
Unintentional injuries (V01-X59)	16	5	0	21	4.7	3.2	5.4
Diseases of the circulatory system (I00-I99)	6	6	0	12	2.7	3.2	2.0
Bacterial sepsis of newborn (P36)	4	7	0	11	2.4	5.4	2.7
Newborn affected by complications of placenta, cord and membranes (P02)	3	8	0	11	2.4	1.7	3.4

¹ Percent of total infant deaths.

² Most current national data is for year 2018.



TOTAL RESIDENT INFANT DEATHS AND INFANT MORTALITY RATES* BY COUNTY OF RESIDENCE

ALABAMA, 2017, 2018, 2019, AND 2017-2019 COMBINED

COUNTY OF RESIDENCE	2017		2018		2019		COUNTY OF RESIDENCE	2017-2019	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	435	7.4	405	7.0	449	7.7	Total	1289	7.4
Autauga	4	6.0	4	6.6	3	4.5	Autauga	11	5.7
Baldwin	15	6.5	10	4.4	12	5.2	Total	37	5.3
Barbour	1	3.6	3	11.6	3	10.8	Barbour	7	8.6
Bibb	3	12.1	0	0.0	5	20.3	Bibb	8	10.8
Blount	9	13.6	6	8.9	1	1.6	Blount	16	8.1
Bullock	1	9.5	2	16.5	0	0.0	Bullock	3	8.3
Butler	2	8.4	3	14.4	1	4.5	Butler	6	9.0
Calhoun	5	3.7	8	6.3	9	6.5	Calhoun	22	5.5
Chambers	5	13.3	4	11.1	2	5.3	Chambers	11	9.9
Cherokee	2	9.3	5	21.5	2	8.2	Cherokee	9	13.0
Chilton	4	7.1	3	5.5	3	5.1	Chilton	10	5.9
Choctaw	0	0.0	4	28.0	0	0.0	Choctaw	4	9.4
Clarke	3	10.6	2	7.4	0	0.0	Clarke	5	5.8
Clay	0	0.0	0	0.0	1	6.7	Clay	1	2.2
Cleburne	1	5.2	1	5.5	2	12.9	Cleburne	4	7.6
Coffee	4	6.3	0	0.0	3	4.5	Coffee	7	3.7
Colbert	3	4.8	3	4.7	3	4.8	Colbert	9	4.8
Conecuh	0	0.0	2	15.3	3	21.1	Conecuh	5	12.4
Coosa	2	19.8	2	23.5	2	26.3	Coosa	6	22.9
Covington	5	11.2	1	2.5	2	4.8	Covington	8	6.3
Crenshaw	0	0.0	0	0.0	0	0.0	Crenshaw	0	0.0
Cullman	7	6.9	3	3.1	5	5.2	Cullman	15	5.1
Dale	6	9.3	5	7.6	6	9.0	Dale	17	8.6
Dallas	3	6.1	0	0.0	3	6.5	Dallas	6	4.3
Dekalb	6	7.4	7	8.5	8	10.0	Dekalb	21	8.6
Elmore	3	3.2	8	8.6	11	11.6	Elmore	22	7.8
Escambia	5	11.6	3	6.9	3	6.7	Escambia	11	8.4
Etowah	7	5.8	6	5.0	7	5.7	Etowah	20	5.5
Fayette	1	5.5	0	0.0	2	10.2	Fayette	3	5.5
Franklin	1	2.2	2	4.6	2	4.7	Franklin	5	3.8
Geneva	1	3.4	0	0.0	4	14.8	Geneva	5	5.9
Greene	0	0.0	0	0.0	2	23.3	Greene	2	7.1
Hale	4	19.8	0	0.0	4	20.7	Hale	8	13.7
Henry	1	5.2	1	6.5	3	16.8	Henry	5	9.5
Houston	18	13.9	14	10.2	10	7.5	Houston	42	10.5
Jackson	2	3.4	2	3.5	5	9.2	Jackson	9	5.3
Jefferson	91	10.5	69	8.2	85	10.0	Jefferson	245	9.6
Lamar	2	13.6	0	0.0	1	8.2	Lamar	3	6.7
Lauderdale	3	3.5	5	5.4	5	5.2	Lauderdale	13	4.7
Lawrence	3	7.9	3	8.8	0	0.0	Lawrence	6	5.6
Lee	16	8.4	16	8.9	8	4.2	Lee	40	7.2
Limestone	5	5.0	4	4.0	7	7.1	Limestone	16	5.4
Lowndes	0	0.0	2	16.4	2	13.9	Lowndes	4	10.4
Macon	1	5.5	1	5.6	2	12.9	Macon	4	7.8
Madison	20	4.7	28	6.6	30	7.0	Madison	78	6.1
Marengo	3	12.7	0	0.0	5	21.8	Marengo	8	12.0
Marion	1	3.5	5	15.7	2	5.8	Marion	8	8.4
Marshall	5	3.5	3	2.2	8	5.6	Marshall	16	3.8
Mobile	38	6.8	50	9.0	37	6.9	Mobile	125	7.6
Monroe	2	9.0	2	10.4	2	8.5	Monroe	6	9.3
Montgomery	19	6.0	29	9.2	32	10.1	Montgomery	80	8.4
Morgan	6	4.2	4	2.8	9	6.3	Morgan	19	4.4
Perry	0	0.0	1	11.0	1	9.4	Perry	2	6.6
Pickens	2	9.5	0	0.0	2	10.7	Pickens	4	6.5
Pike	1	2.9	2	5.5	4	10.4	Pike	7	6.4
Randolph	3	10.8	1	4.0	4	16.4	Randolph	8	10.3
Russell	11	13.4	4	5.1	8	9.7	Russell	23	9.5
St Clair	9	8.7	2	2.1	5	4.9	St Clair	16	5.3
Shelby	17	7.4	15	6.7	9	4.1	Shelby	41	6.1
Sumter	0	0.0	2	14.3	1	7.5	Sumter	3	7.4
Talladega	7	8.2	5	5.7	7	8.1	Talladega	19	7.3
Tallapoosa	2	5.1	4	10.2	2	5.0	Tallapoosa	8	6.7
Tuscaloosa	24	9.5	19	7.9	29	11.0	Tuscaloosa	72	9.5
Walker	7	9.3	11	14.3	7	8.8	Walker	25	10.7
Washington	1	6.5	1	5.4	0	0.0	Washington	2	3.9
Wilcox	0	0.0	1	7.7	0	0.0	Wilcox	1	2.4
Winston	2	7.9	2	8.3	3	13.6	Winston	7	9.8

*Rate is per 1,000 live births.

WHITE RESIDENT INFANT DEATHS AND INFANT MORTALITY RATES* BY COUNTY OF RESIDENCE

ALABAMA, 2017, 2018, 2019, AND 2017-2019 COMBINED

COUNTY OF RESIDENCE	2017		2018		2019		COUNTY OF RESIDENCE	2017-2019	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	213	5.5	196	5.1	214	5.6	Total	623	5.4
Autauga	3	5.9	2	4.5	3	6.1	Autauga	8	5.5
Baldwin	12	6.0	10	5.1	9	4.5	Total	31	5.2
Barbour	0	0.0	0	0.0	1	8.6	Barbour	1	3.0
Bibb	3	14.6	0	0.0	4	20.5	Bibb	7	11.6
Blount	9	13.8	6	9.1	0	0.0	Blount	15	7.7
Bullock	0	0.0	0	0.0	0	0.0	Bullock	0	0.0
Butler	1	8.7	1	10.4	0	0.0	Butler	2	6.8
Calhoun	4	4.2	2	2.2	5	5.0	Calhoun	11	3.9
Chambers	1	5.1	3	14.9	2	9.9	Chambers	6	10.0
Cherokee	2	9.7	5	23.1	2	8.5	Cherokee	9	13.7
Chilton	3	5.9	2	4.3	2	3.8	Chilton	7	4.7
Choctaw	0	0.0	1	11.4	0	0.0	Choctaw	1	4.0
Clarke	0	0.0	0	0.0	0	0.0	Clarke	0	0.0
Clay	0	0.0	0	0.0	0	0.0	Clay	0	0.0
Cleburne	1	5.4	1	5.7	2	13.2	Cleburne	4	7.8
Coffee	3	6.3	0	0.0	3	6.1	Coffee	6	4.3
Colbert	1	2.0	3	5.7	3	6.2	Colbert	7	4.7
Conecuh	0	0.0	0	0.0	0	0.0	Conecuh	0	0.0
Coosa	2	30.3	2	33.9	1	17.2	Coosa	5	27.3
Covington	5	13.4	1	3.0	2	5.7	Covington	8	7.6
Crenshaw	0	0.0	0	0.0	0	0.0	Crenshaw	0	0.0
Cullman	7	7.0	2	2.1	5	5.3	Cullman	14	4.8
Dale	2	4.2	5	10.3	4	8.5	Dale	11	7.7
Dallas	0	0.0	0	0.0	1	10.0	Dallas	1	3.6
Dekalb	6	7.7	7	8.9	6	8.3	Dekalb	19	8.3
Elmore	2	2.7	4	5.6	6	9.0	Elmore	12	5.7
Escambia	2	7.5	0	0.0	1	3.4	Escambia	3	3.6
Etowah	4	4.3	2	2.2	5	5.4	Etowah	11	4.0
Fayette	0	0.0	0	0.0	2	11.2	Fayette	2	4.2
Franklin	1	2.3	2	4.9	2	5.3	Franklin	5	4.1
Geneva	0	0.0	0	0.0	4	17.1	Geneva	4	5.4
Greene	0	0.0	0	0.0	0	0.0	Greene	0	0.0
Hale	1	14.5	0	0.0	0	0.0	Hale	1	4.9
Henry	0	0.0	1	9.0	1	7.4	Henry	2	5.1
Houston	5	6.3	8	9.5	2	2.5	Houston	15	6.1
Jackson	2	3.7	2	3.8	5	10.2	Jackson	9	5.8
Jefferson	28	6.3	22	5.0	32	7.3	Jefferson	82	6.2
Lamar	2	15.5	0	0.0	0	0.0	Lamar	2	5.1
Lauderdale	3	4.1	3	3.8	3	3.7	Lauderdale	9	3.8
Lawrence	2	5.8	3	9.9	0	0.0	Lawrence	5	5.2
Lee	8	6.1	7	5.7	3	2.4	Lee	18	4.7
Limestone	3	3.5	3	3.4	5	5.8	Limestone	11	4.3
Lowndes	0	0.0	1	34.5	0	0.0	Lowndes	1	13.0
Macon	0	0.0	0	0.0	0	0.0	Macon	0	0.0
Madison	10	3.5	17	6.1	13	4.7	Madison	40	4.8
Marengo	0	0.0	0	0.0	1	9.1	Marengo	1	3.5
Marion	1	3.8	5	16.5	2	6.0	Marion	8	8.9
Marshall	3	2.5	2	1.5	7	6.0	Marshall	12	3.3
Mobile	15	5.0	18	6.2	12	4.4	Mobile	45	5.2
Monroe	0	0.0	0	0.0	0	0.0	Monroe	0	0.0
Montgomery	3	3.2	7	7.4	3	3.4	Montgomery	13	4.7
Morgan	3	2.6	2	1.7	5	4.2	Morgan	10	2.8
Perry	0	0.0	0	0.0	0	0.0	Perry	0	0.0
Pickens	0	0.0	0	0.0	2	21.3	Pickens	2	6.6
Pike	1	5.2	1	5.4	1	5.2	Pike	3	5.3
Randolph	2	9.3	0	0.0	4	21.1	Randolph	6	9.8
Russell	4	10.0	0	0.0	2	4.7	Russell	6	4.8
St Clair	8	8.5	2	2.3	3	3.3	St Clair	13	4.8
Shelby	11	5.9	9	4.9	8	4.4	Shelby	28	5.1
Sumter	0	0.0	0	0.0	0	0.0	Sumter	0	0.0
Talladega	4	7.9	1	1.8	4	7.3	Talladega	9	5.6
Tallapoosa	1	3.9	0	0.0	0	0.0	Tallapoosa	1	1.3
Tuscaloosa	9	6.5	7	5.6	12	8.6	Tuscaloosa	28	6.9
Walker	7	10.4	11	15.1	6	8.3	Walker	24	11.3
Washington	1	10.2	0	0.0	0	0.0	Washington	1	2.9
Wilcox	0	0.0	1	45.5	0	0.0	Wilcox	1	11.2
Winston	2	8.2	2	8.5	3	13.8	Winston	7	10.1

*Rate is per 1,000 live births.

BLACK AND OTHER RESIDENT INFANT DEATHS AND INFANT MORTALITY RATES* BY COUNTY OF RESIDENCE

ALABAMA, 2017, 2018, 2019, AND 2017-2019 COMBINED

COUNTY OF RESIDENCE	2017		2018		2019		COUNTY OF RESIDENCE	2017-2019	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	222	11.0	209	10.7	235	11.4	Total	666	11.0
Autauga	1	6.3	2	12.4	0	0.0	Autauga	3	6.0
Baldwin	3	9.7	0	0.0	3	8.7	Total	6	6.0
Barbour	1	6.2	3	19.4	2	12.4	Barbour	6	12.6
Bibb	0	0.0	0	0.0	1	19.6	Bibb	1	7.3
Blount	0	0.0	0	0.0	1	62.5	Blount	1	24.4
Bullock	1	12.3	2	21.7	0	0.0	Bullock	3	10.5
Butler	1	8.1	2	17.7	1	7.3	Butler	4	10.7
Calhoun	1	2.6	6	16.6	4	10.4	Calhoun	11	9.7
Chambers	4	22.5	1	6.3	0	0.0	Chambers	5	9.8
Cherokee	0	0.0	0	0.0	0	0.0	Cherokee	0	0.0
Chilton	1	16.9	1	13.3	1	16.9	Chilton	3	15.5
Choctaw	0	0.0	3	54.5	0	0.0	Choctaw	3	16.9
Clarke	3	20.7	2	13.4	0	0.0	Clarke	5	11.6
Clay	0	0.0	0	0.0	1	41.7	Clay	1	13.5
Cleburne	0	0.0	0	0.0	0	0.0	Cleburne	0	0.0
Coffee	1	6.0	0	0.0	0	0.0	Coffee	1	2.1
Colbert	2	15.7	0	0.0	0	0.0	Colbert	2	5.2
Conecuh	0	0.0	2	34.5	3	40.5	Conecuh	5	25.0
Coosa	0	0.0	0	0.0	1	55.6	Coosa	1	12.7
Covington	0	0.0	0	0.0	0	0.0	Covington	0	0.0
Crenshaw	0	0.0	0	0.0	0	0.0	Crenshaw	0	0.0
Cullman	0	0.0	1	58.8	0	0.0	Cullman	1	16.7
Dale	4	24.4	0	0.0	2	10.0	Dale	6	11.1
Dallas	3	7.5	0	0.0	2	5.5	Dallas	5	4.5
Dekalb	0	0.0	0	0.0	2	27.4	Dekalb	2	14.1
Elmore	1	4.5	4	18.4	5	18.1	Elmore	10	14.0
Escambia	3	18.3	3	18.8	2	12.8	Escambia	8	16.7
Etowah	3	10.5	4	15.0	2	6.4	Etowah	9	10.4
Fayette	1	55.6	0	0.0	0	0.0	Fayette	1	14.5
Franklin	0	0.0	0	0.0	0	0.0	Franklin	0	0.0
Geneva	1	26.3	0	0.0	0	0.0	Geneva	1	9.9
Greene	0	0.0	0	0.0	2	25.3	Greene	2	8.3
Hale	3	22.6	0	0.0	4	32.0	Hale	7	18.6
Henry	1	21.7	0	0.0	2	45.5	Henry	3	22.7
Houston	13	26.1	6	11.4	8	15.1	Houston	27	17.4
Jackson	0	0.0	0	0.0	0	0.0	Jackson	0	0.0
Jefferson	63	14.9	47	11.6	53	12.9	Jefferson	163	13.1
Lamar	0	0.0	0	0.0	1	83.3	Lamar	1	17.9
Lauderdale	0	0.0	2	15.4	2	13.5	Lauderdale	4	10.0
Lawrence	1	27.0	0	0.0	0	0.0	Lawrence	1	8.2
Lee	8	13.6	9	15.5	5	8.1	Lee	22	12.3
Limestone	2	13.2	1	7.4	2	17.4	Limestone	5	12.4
Lowndes	0	0.0	1	10.8	2	16.7	Lowndes	3	9.8
Macon	1	7.0	1	7.0	2	14.9	Macon	4	9.6
Madison	10	7.0	11	7.5	17	11.3	Madison	38	8.7
Marengo	3	21.4	0	0.0	4	33.6	Marengo	7	18.6
Marion	0	0.0	0	0.0	0	0.0	Marion	0	0.0
Marshall	2	9.1	1	11.6	1	4.0	Marshall	4	7.2
Mobile	23	8.8	32	12.1	25	9.5	Mobile	80	10.1
Monroe	2	17.7	2	21.3	2	16.8	Monroe	6	18.4
Montgomery	16	7.2	22	10.0	29	12.7	Montgomery	67	10.0
Morgan	3	11.5	2	7.6	4	15.9	Morgan	9	11.6
Perry	0	0.0	1	15.4	1	11.0	Perry	2	8.4
Pickens	2	17.2	0	0.0	0	0.0	Pickens	2	6.3
Pike	0	0.0	1	5.7	3	15.5	Pike	4	7.6
Randolph	1	16.4	1	21.7	0	0.0	Randolph	2	12.4
Russell	7	16.8	4	10.9	6	15.0	Russell	17	14.4
St Clair	1	10.2	0	0.0	2	16.3	St Clair	3	9.3
Shelby	6	14.3	6	14.3	1	2.5	Shelby	13	10.5
Sumter	0	0.0	2	18.5	1	9.3	Sumter	3	9.5
Talladega	3	8.5	4	12.2	3	9.5	Talladega	10	10.0
Tallapoosa	1	7.2	4	30.8	2	13.2	Tallapoosa	7	16.6
Tuscaloosa	15	13.1	12	10.5	17	13.8	Tuscaloosa	44	12.5
Walker	0	0.0	0	0.0	1	13.0	Walker	1	4.9
Washington	0	0.0	1	20.0	0	0.0	Washington	1	6.2
Wilcox	0	0.0	0	0.0	0	0.0	Wilcox	0	0.0
Winston	0	0.0	0	0.0	0	0.0	Winston	0	0.0

*Rate is per 1,000 live births.