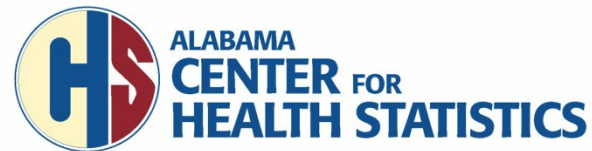


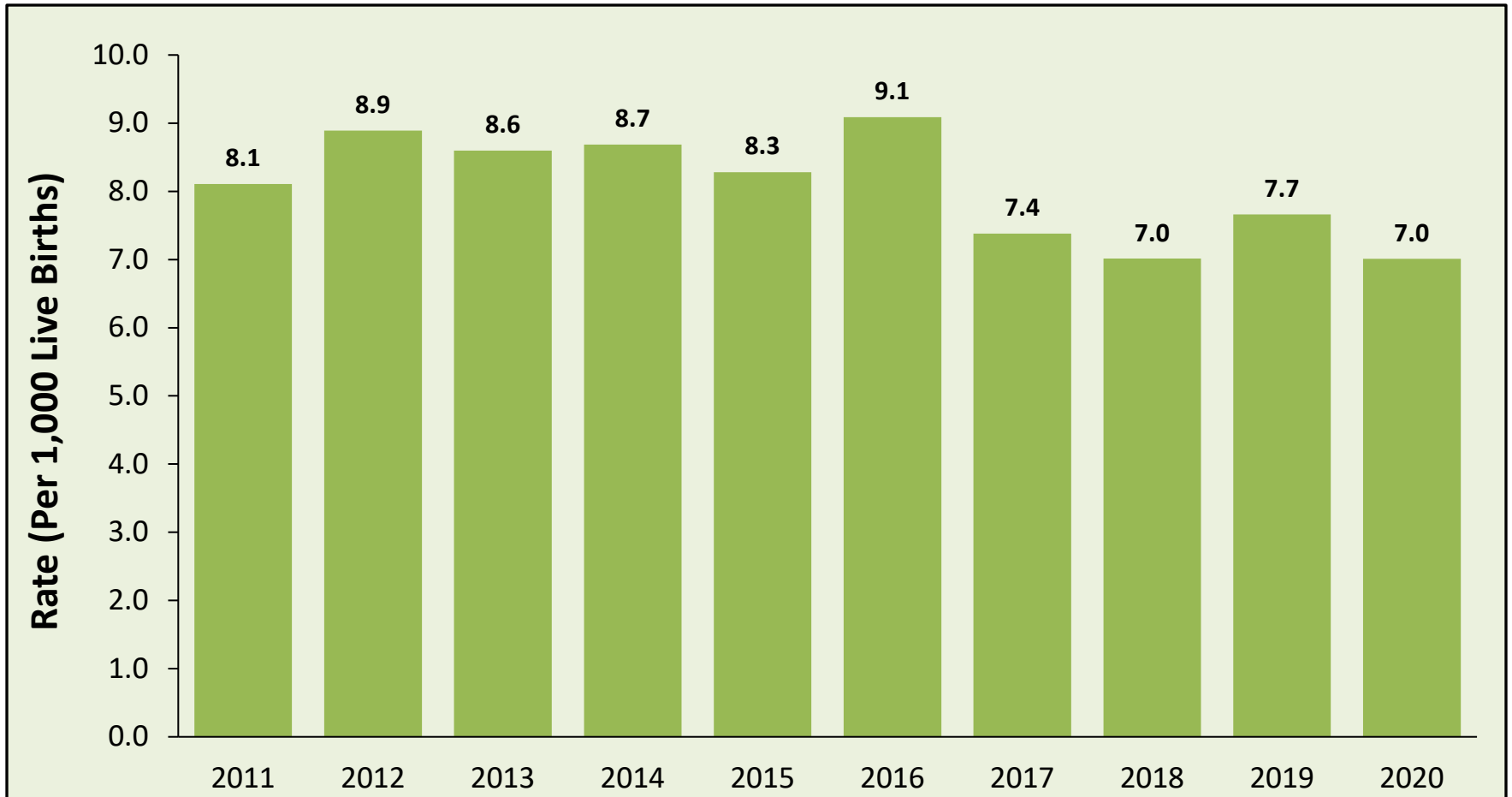
INFANT MORTALITY ALABAMA 2020

ALABAMA DEPARTMENT OF PUBLIC HEALTH
CENTER FOR HEALTH STATISTICS

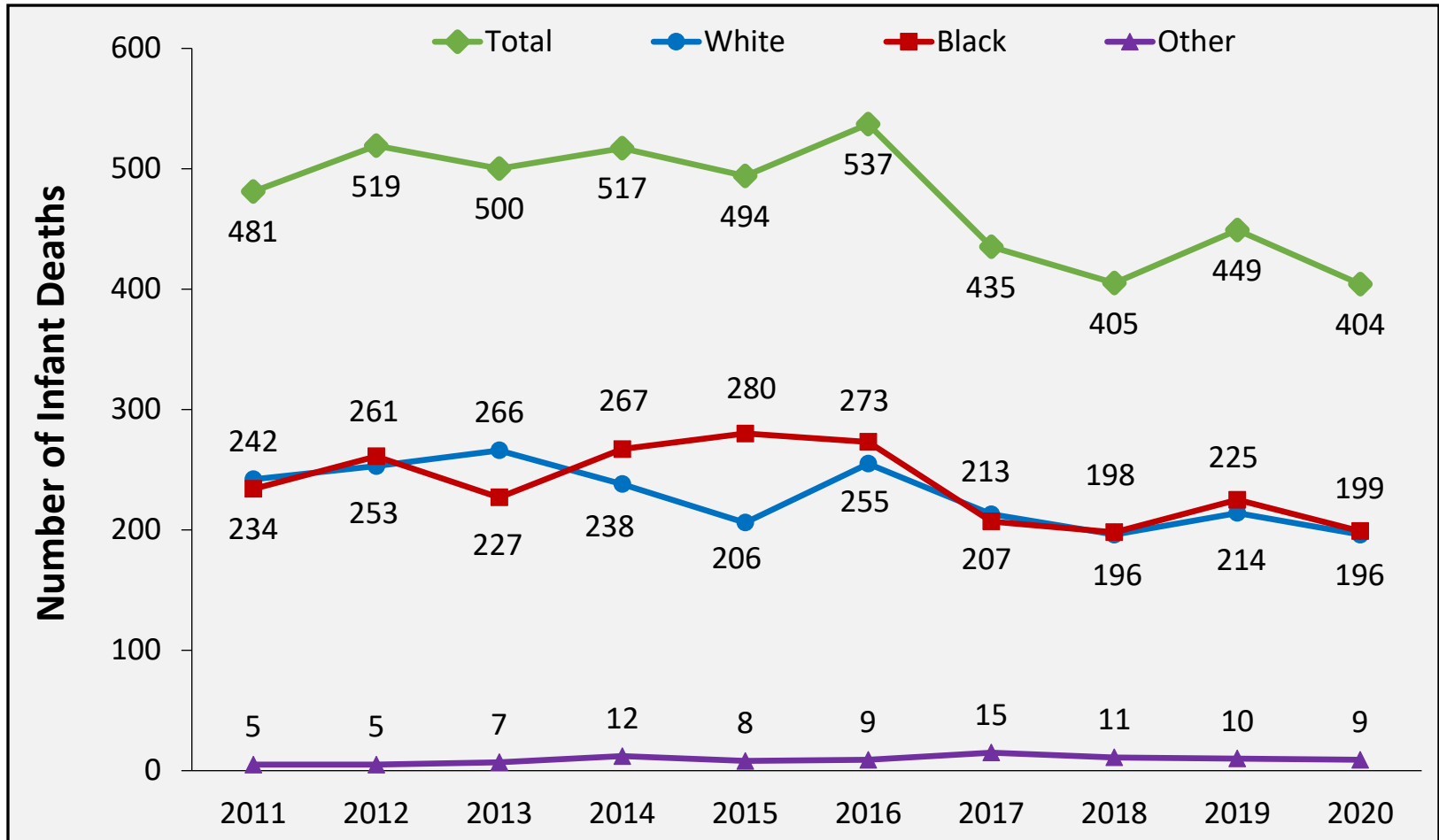
December 15, 2021



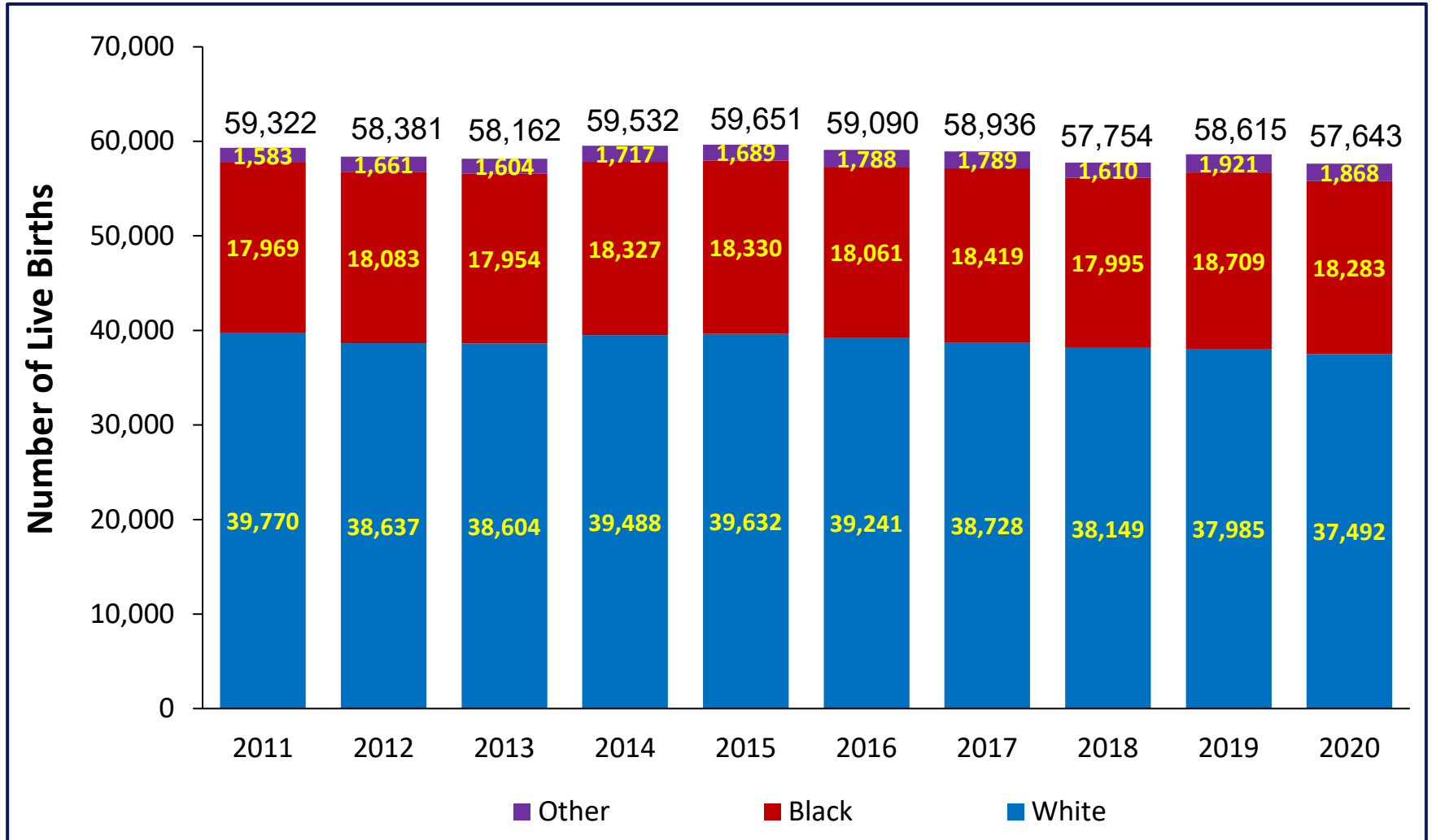
INFANT MORTALITY RATES ALABAMA, 2011-2020



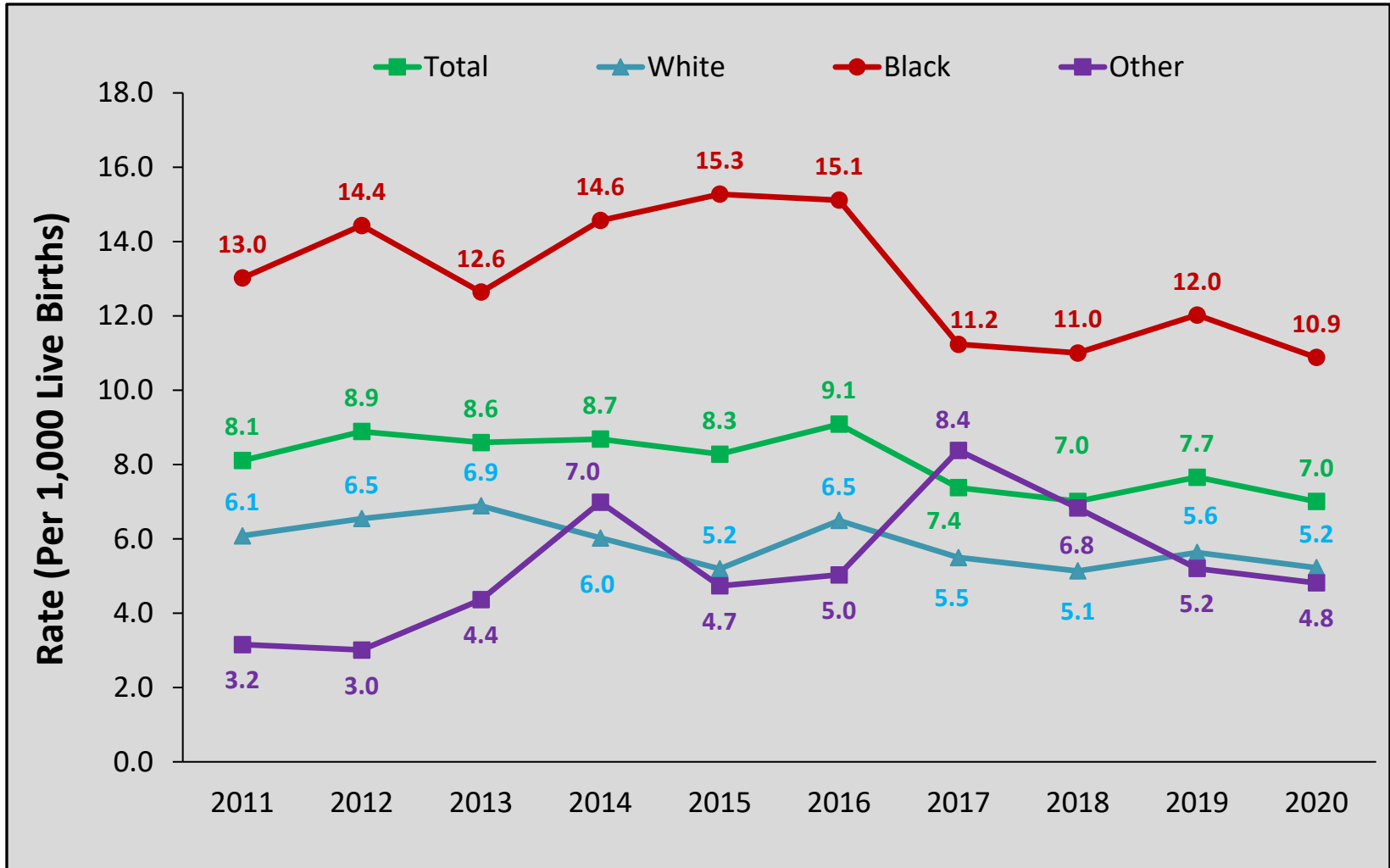
NUMBER OF INFANT DEATHS ALABAMA, 2011-2020



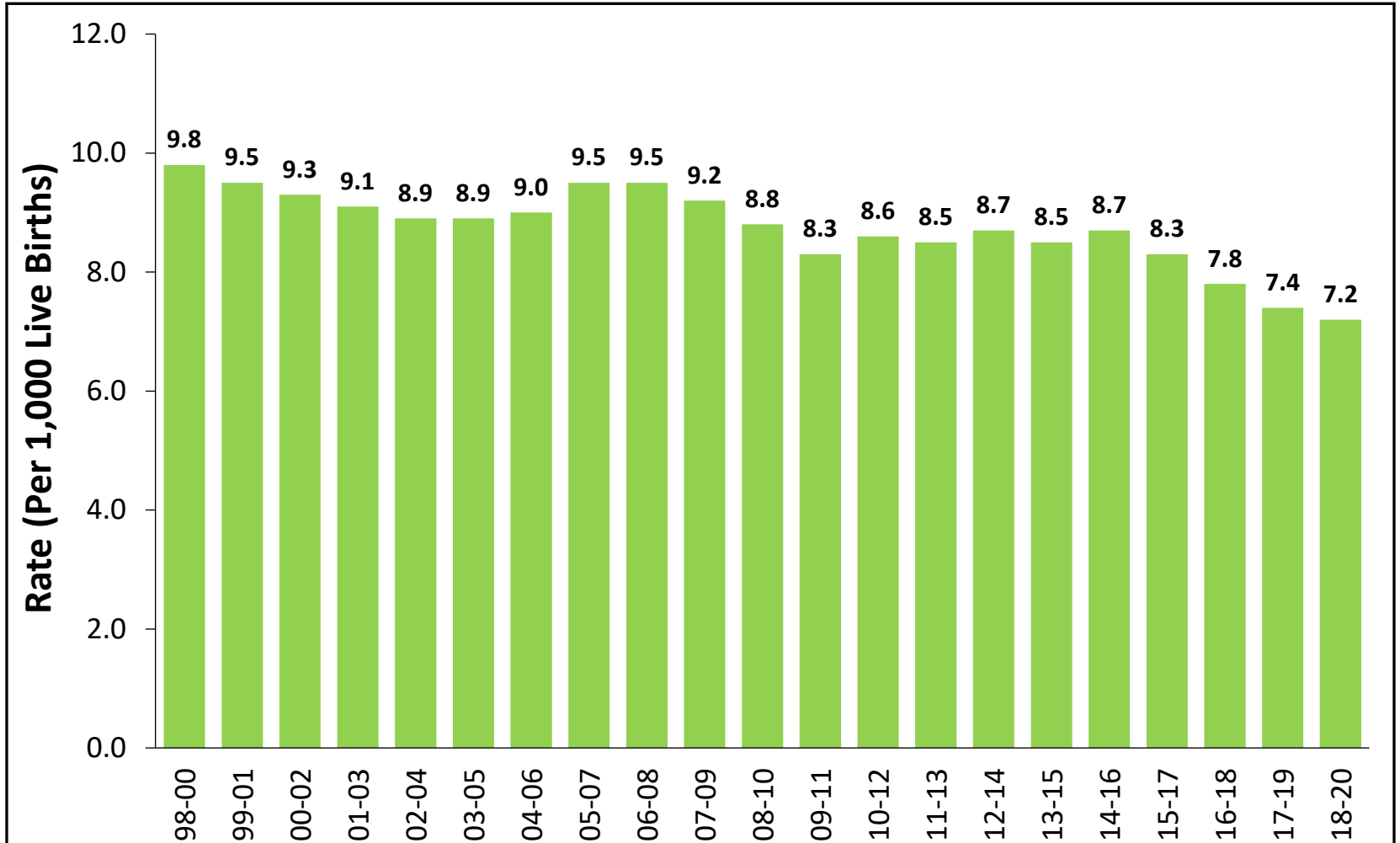
NUMBER OF BIRTHS ALABAMA, 2011-2020



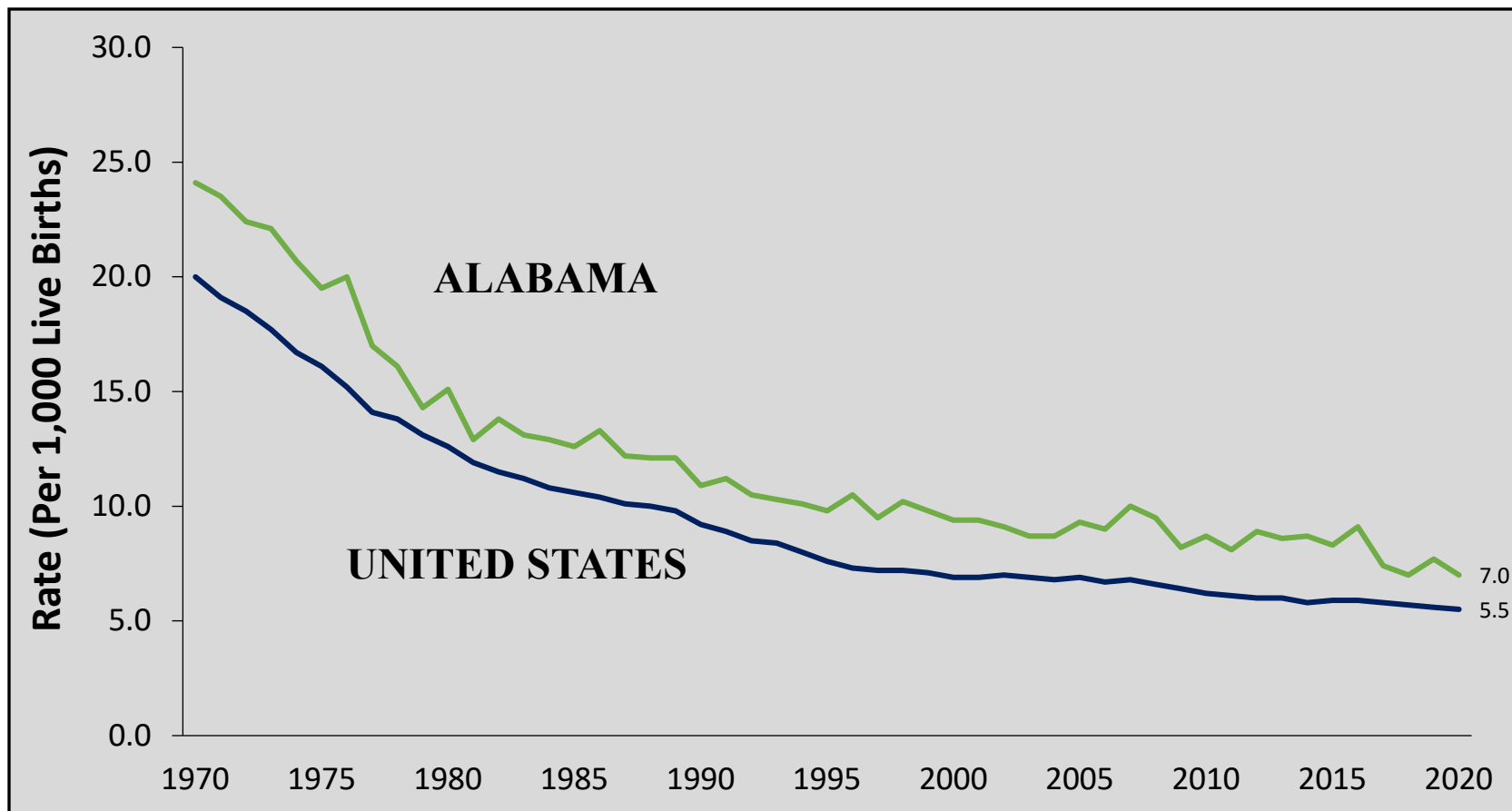
INFANT MORTALITY RATES ALABAMA, 2011-2020



THREE-YEAR INFANT MORTALITY RATES ALABAMA, 1998-2000 to 2018-2020



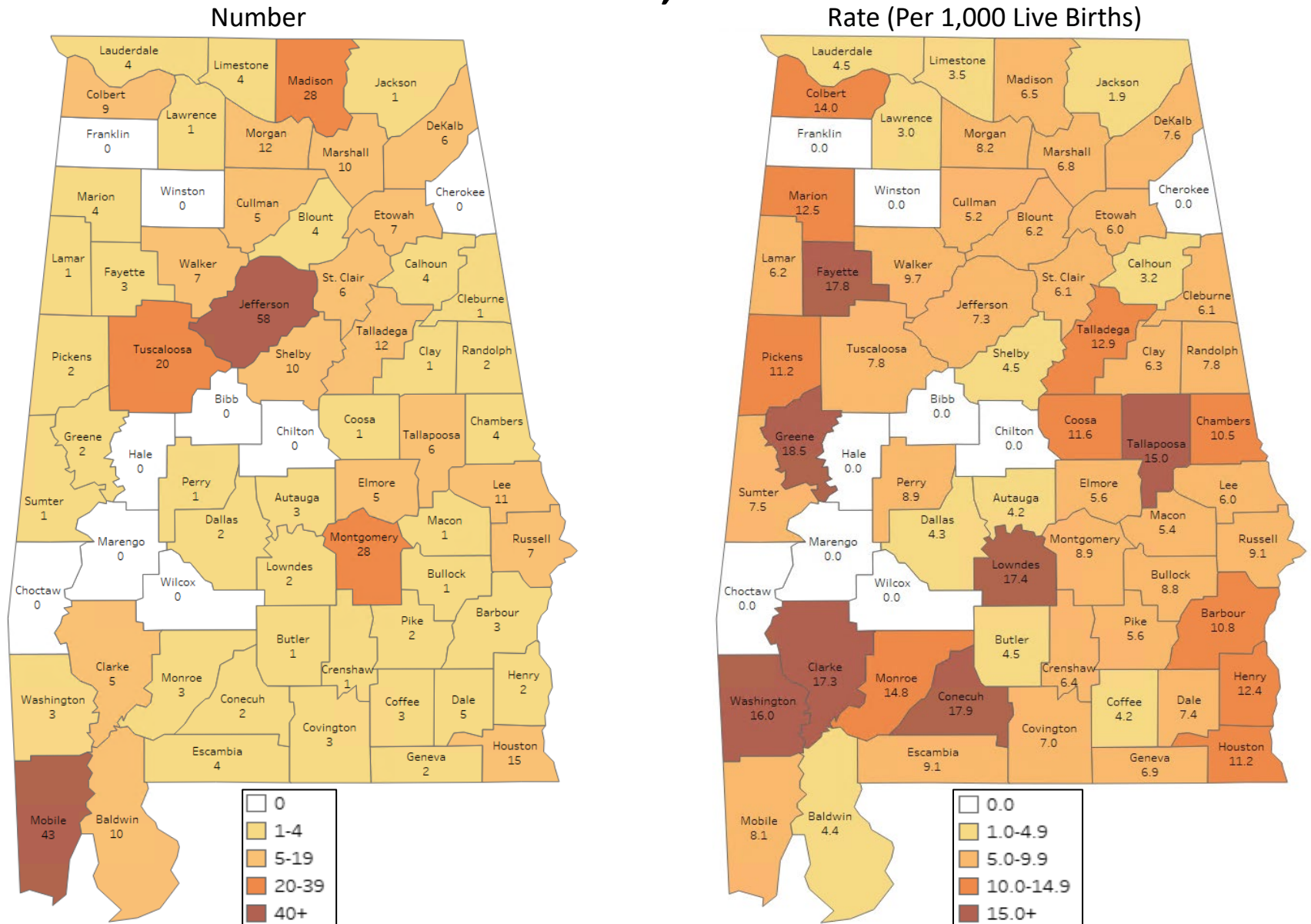
INFANT MORTALITY RATES ALABAMA AND UNITED STATES¹, 1970-2020



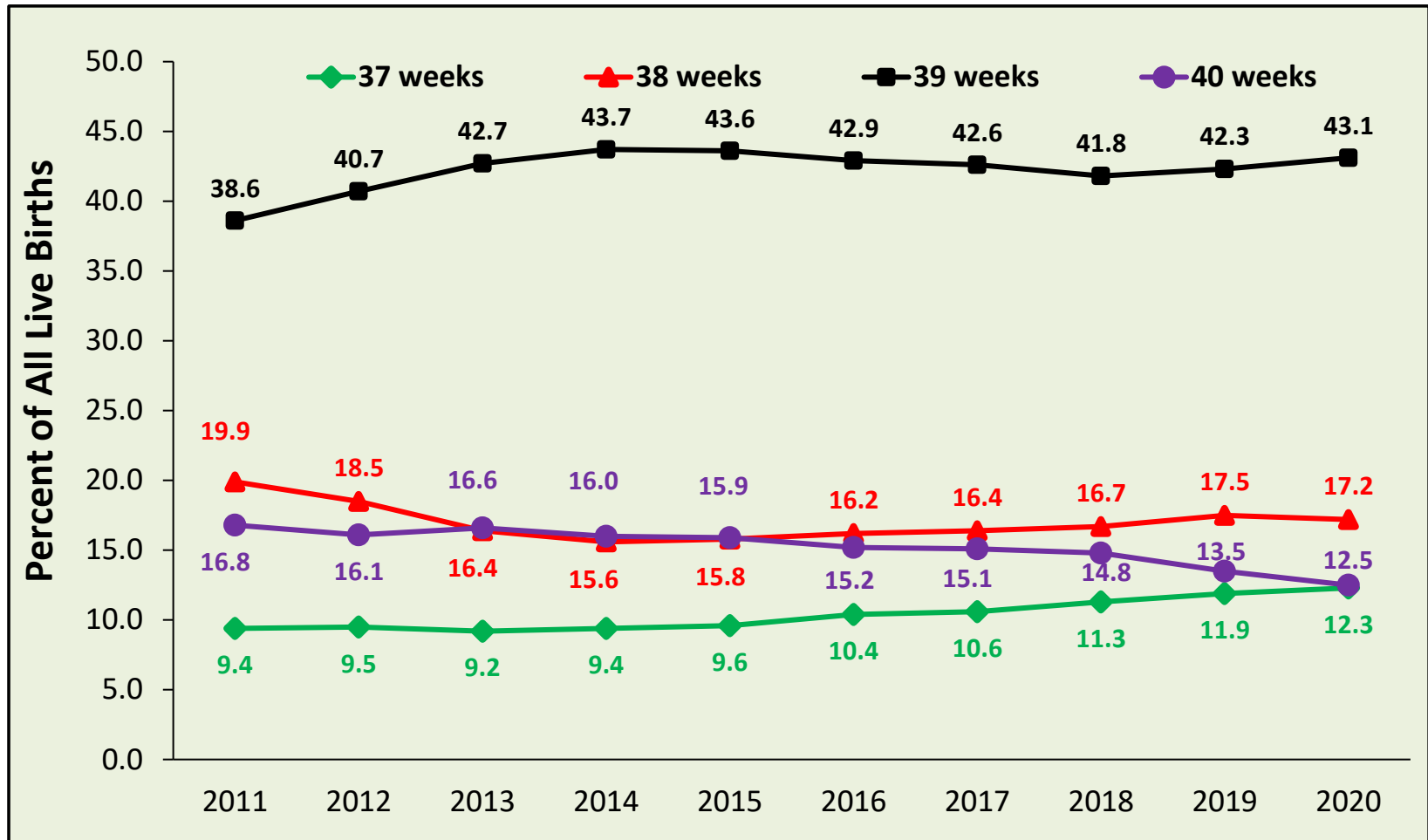
¹ 2020 national data is provisional number for the 12-month period ending with 2020 Q4.

INFANT MORTALITY BY COUNTY OF RESIDENCE

ALABAMA, 2020



PERCENT OF BIRTHS AT 37 - 40 WEEKS GESTATION ALABAMA, 2011-2020

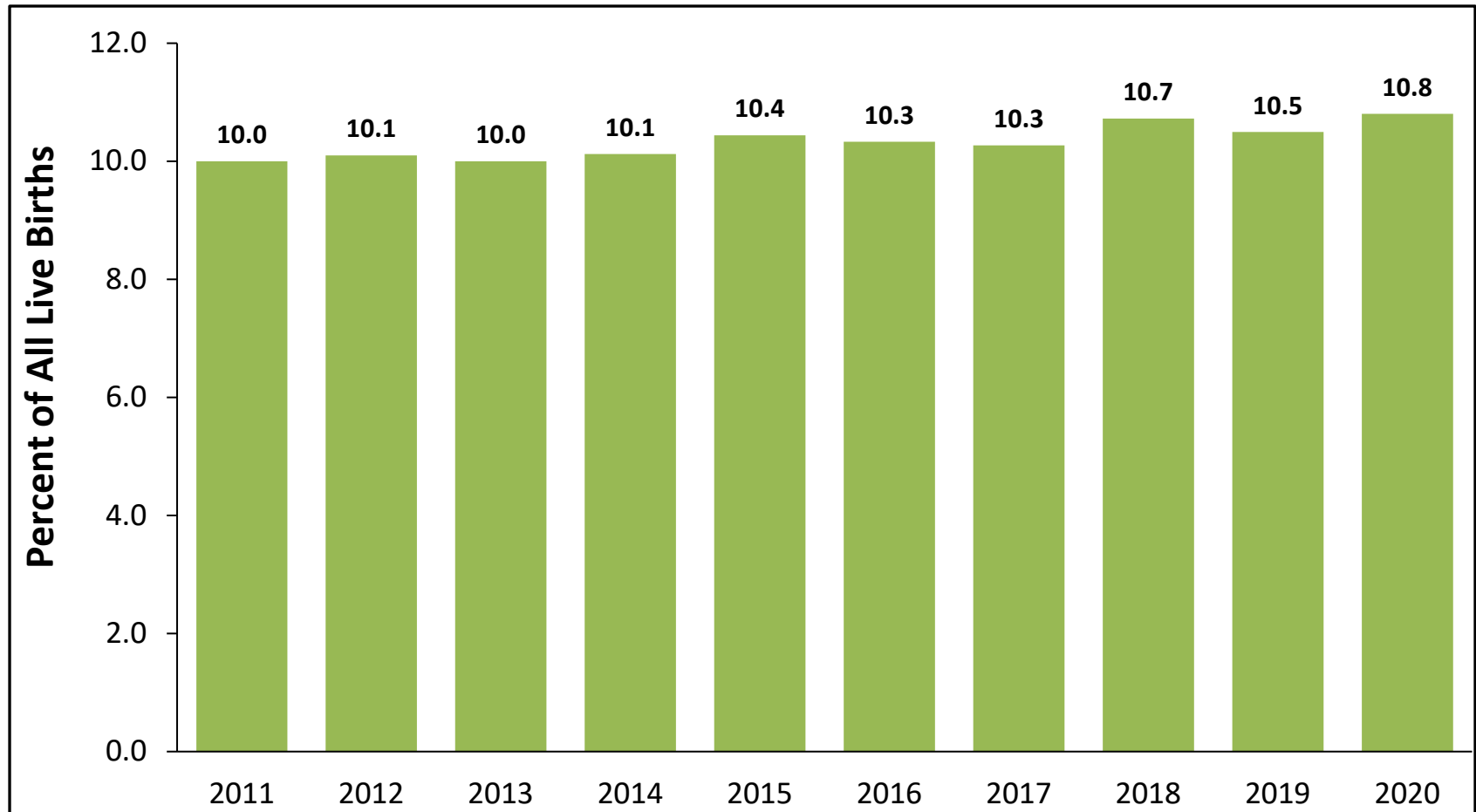


PERCENT OF BIRTHS LESS THAN 37 WEEKS GESTATION ALABAMA, 2011-2020



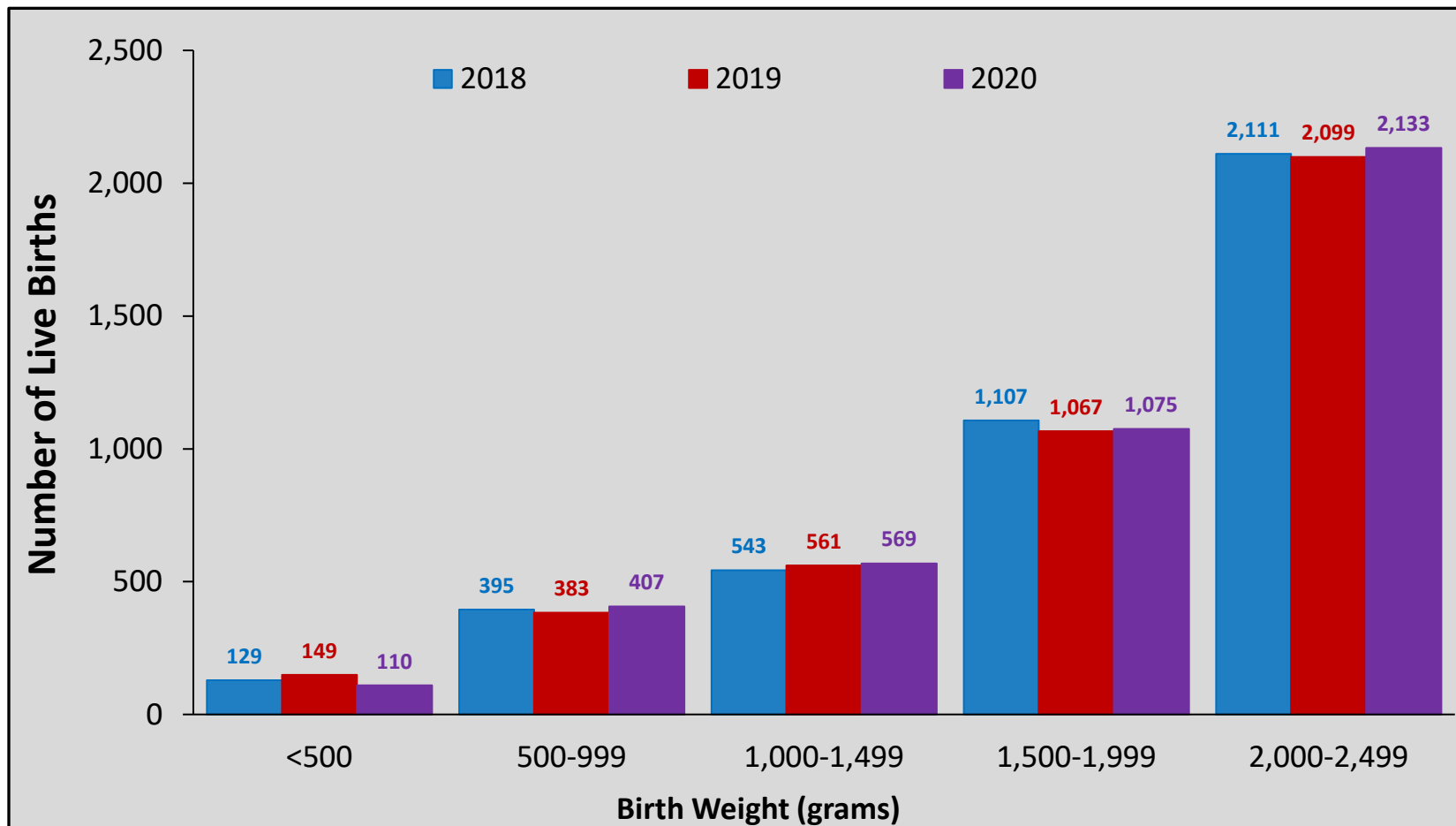
PERCENT OF LOW WEIGHT BIRTHS*

ALABAMA, 2011-2020



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

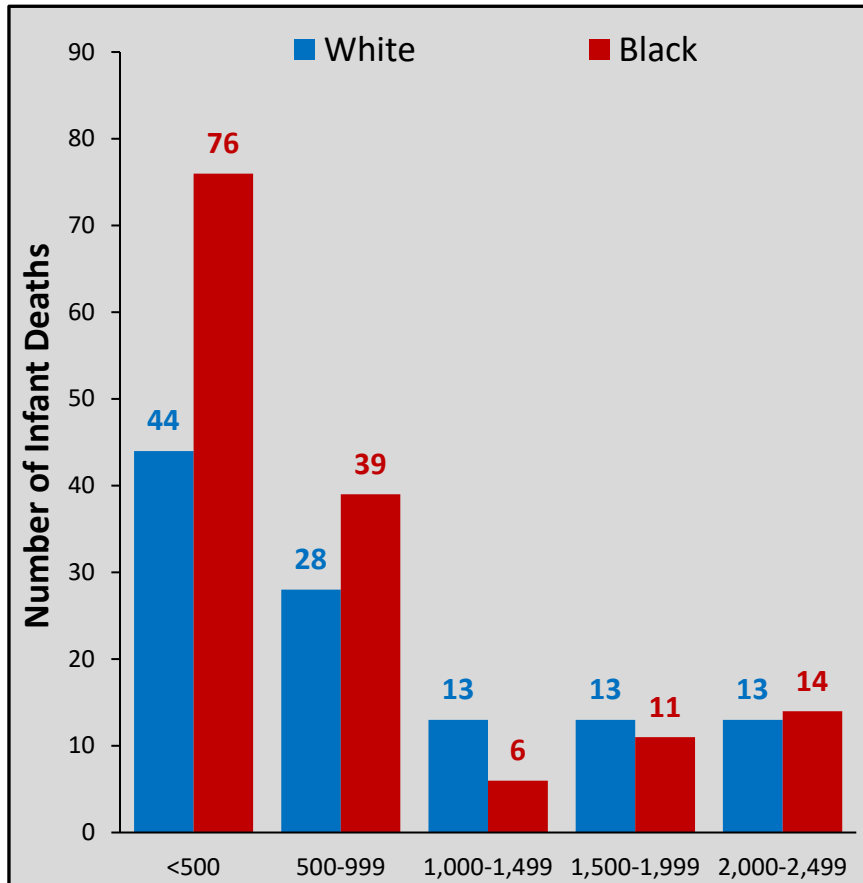
NUMBER OF PRETERM BIRTHS* BY BIRTH WEIGHT ALABAMA, 2018 - 2020



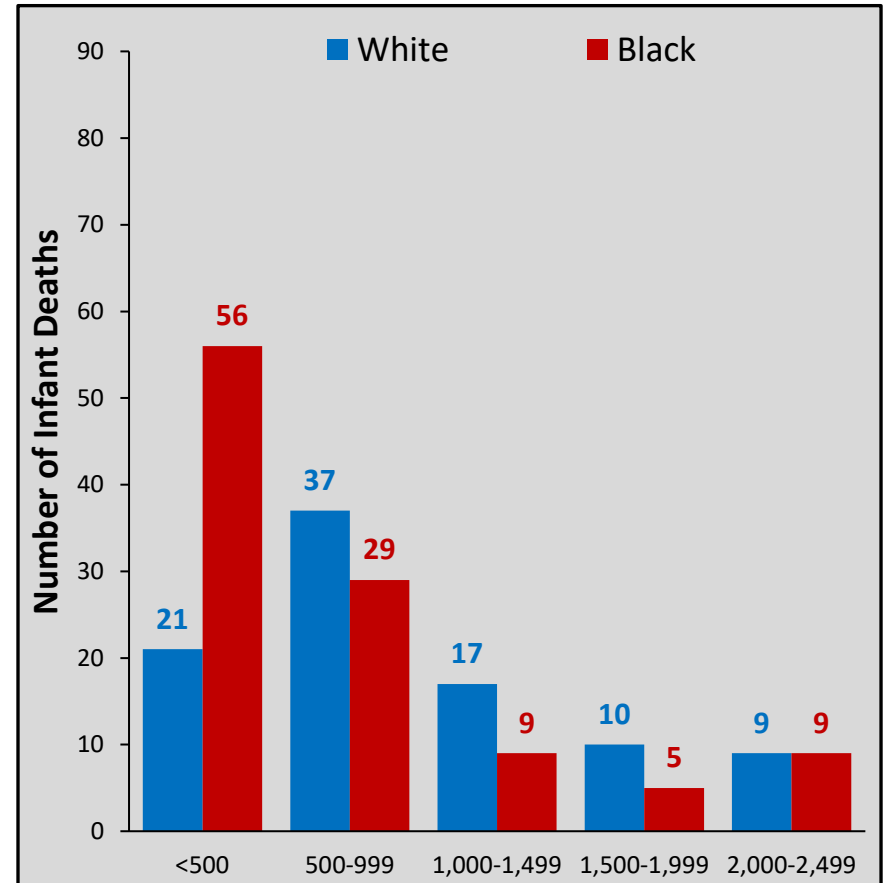
*Preterm birth is a live birth occurring before the 37th week of gestation.

NUMBER OF INFANT DEATHS WITH PRETERM BIRTHS BY RACE OF INFANT AND BIRTH WEIGHT ALABAMA, 2019 vs. 2020

2019



2020

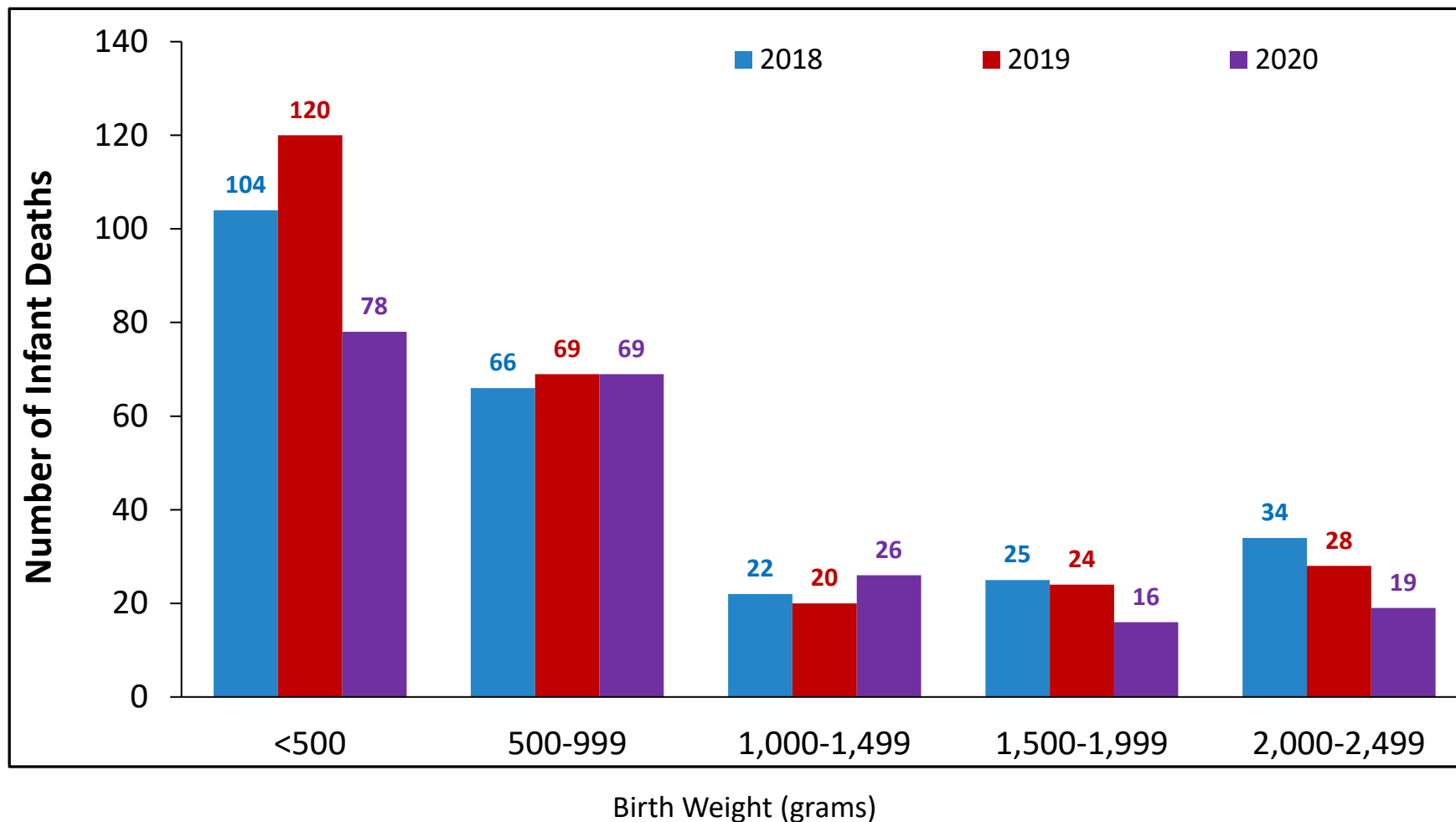


Birth Weight (grams)

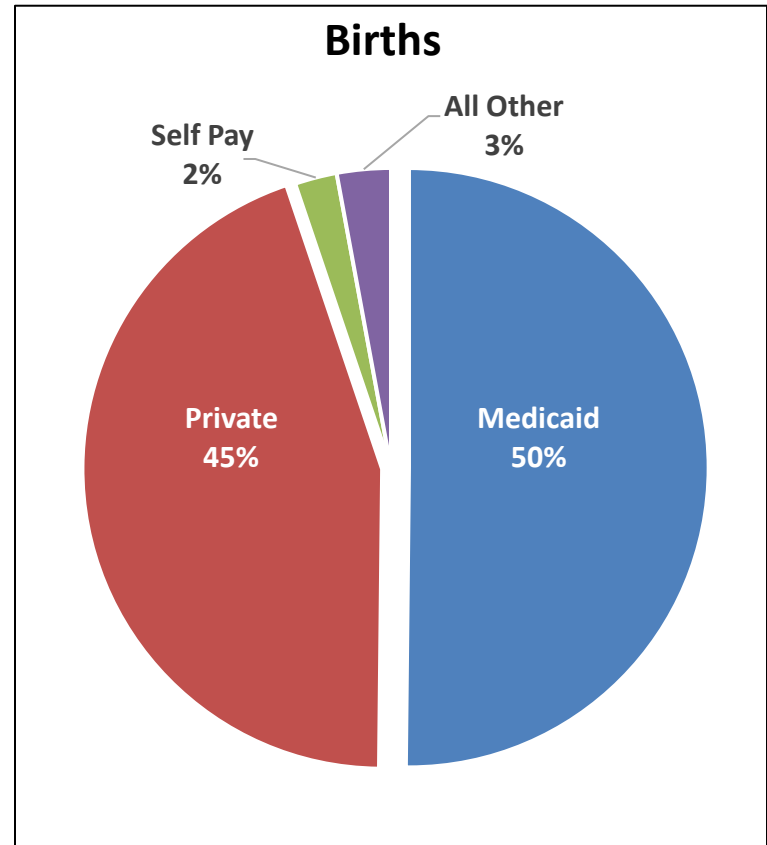
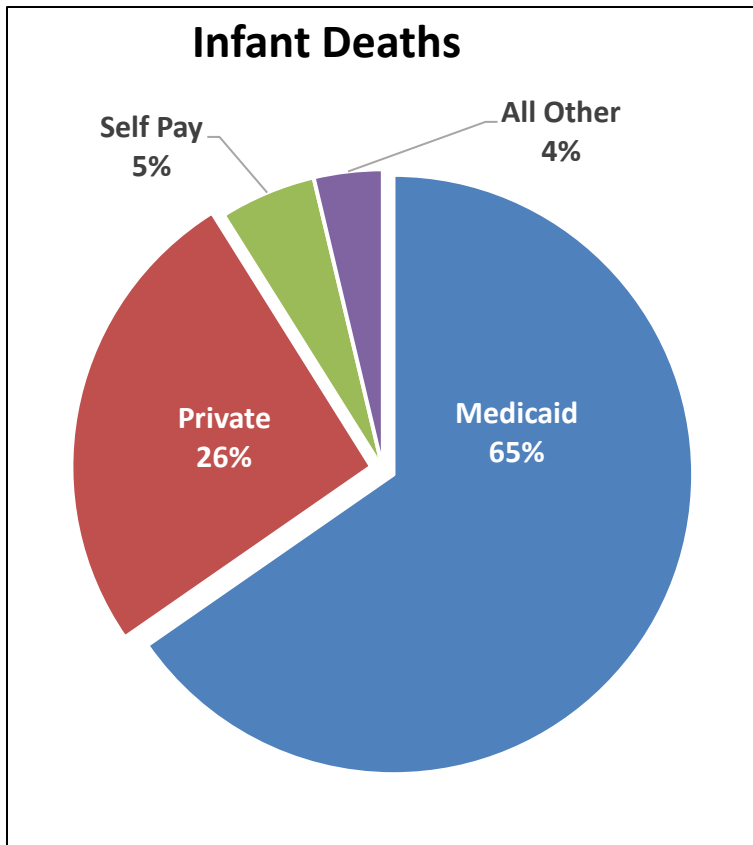
Birth Weight (grams)

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

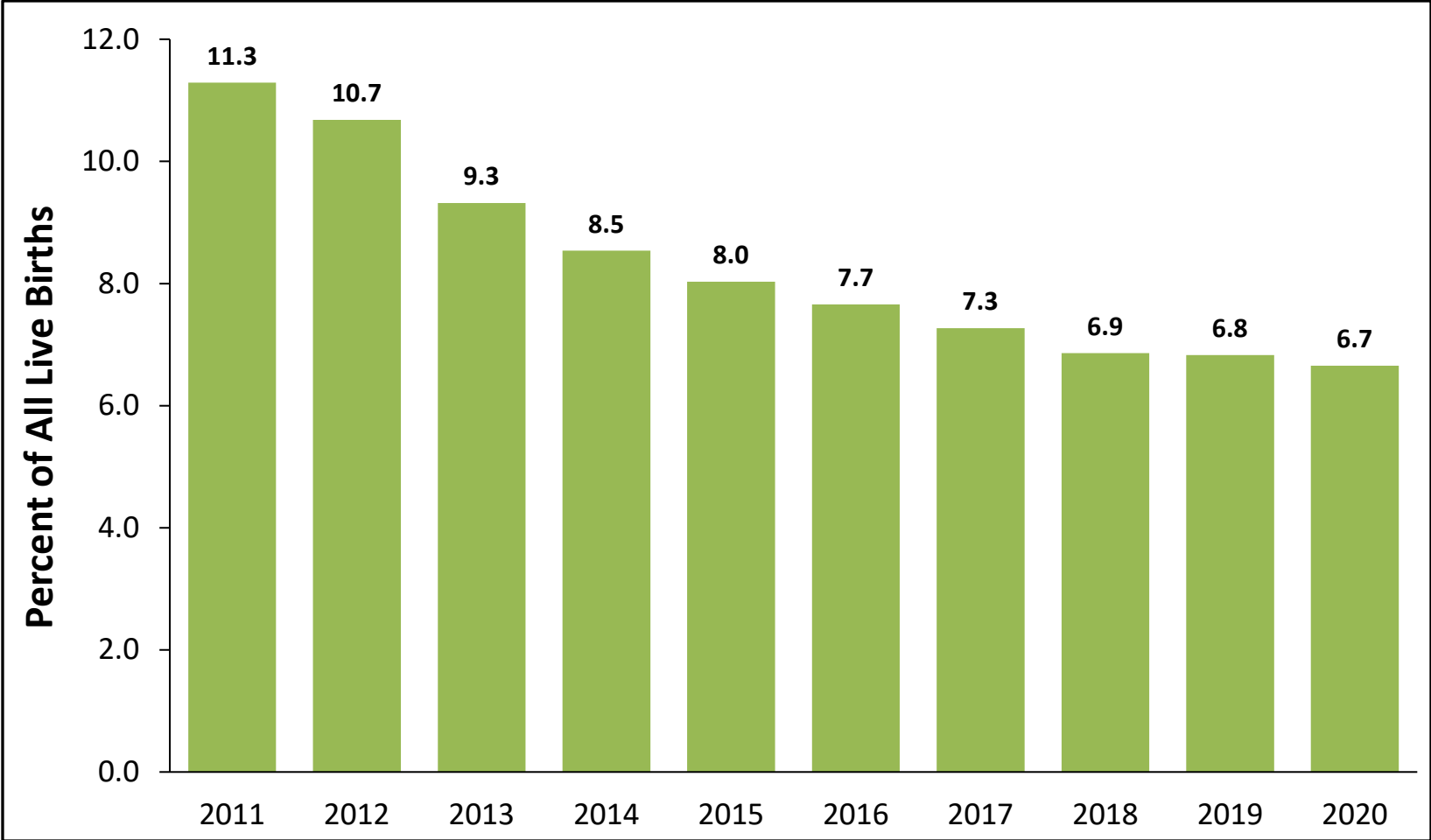
NUMBER OF INFANT DEATHS WITH PRETERM BIRTHS BY BIRTH WEIGHT ALABAMA, 2018 - 2020



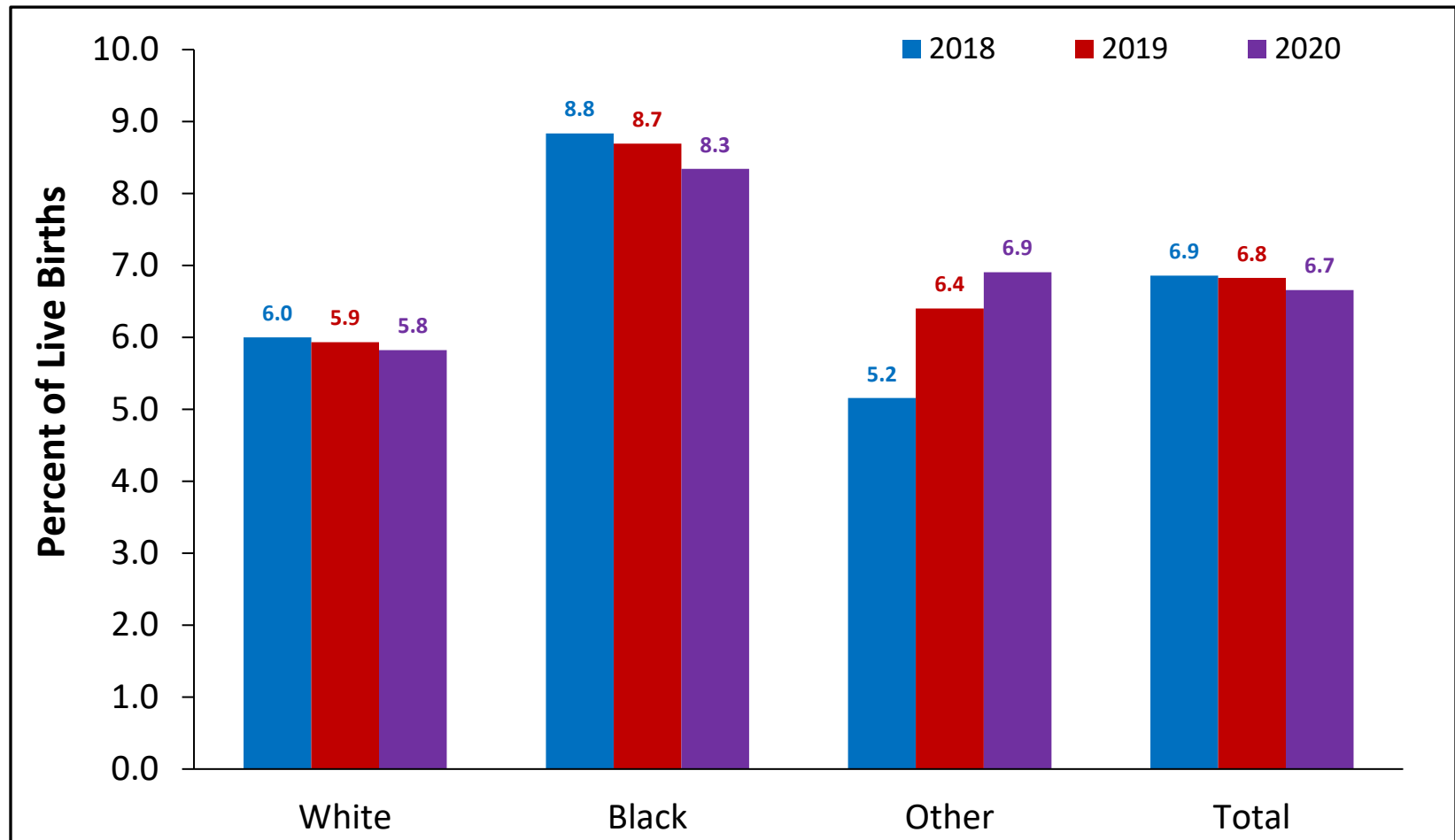
INFANT DEATHS AND BIRTHS BY PAYMENT SOURCE AT BIRTH ALABAMA RESIDENTS, 2020



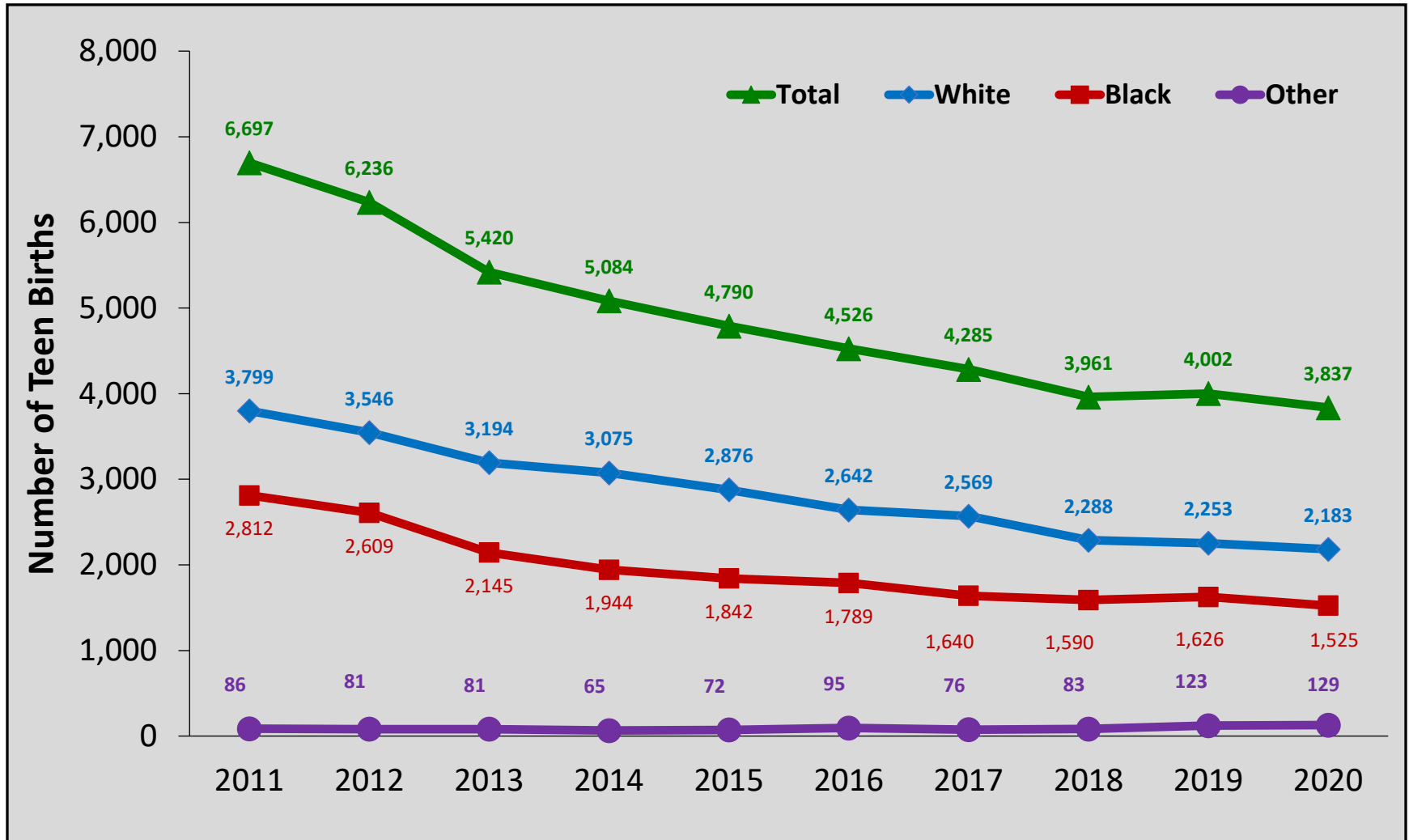
PERCENT OF BIRTHS TO TEENAGERS (AGES 10-19) ALABAMA, 2011-2020



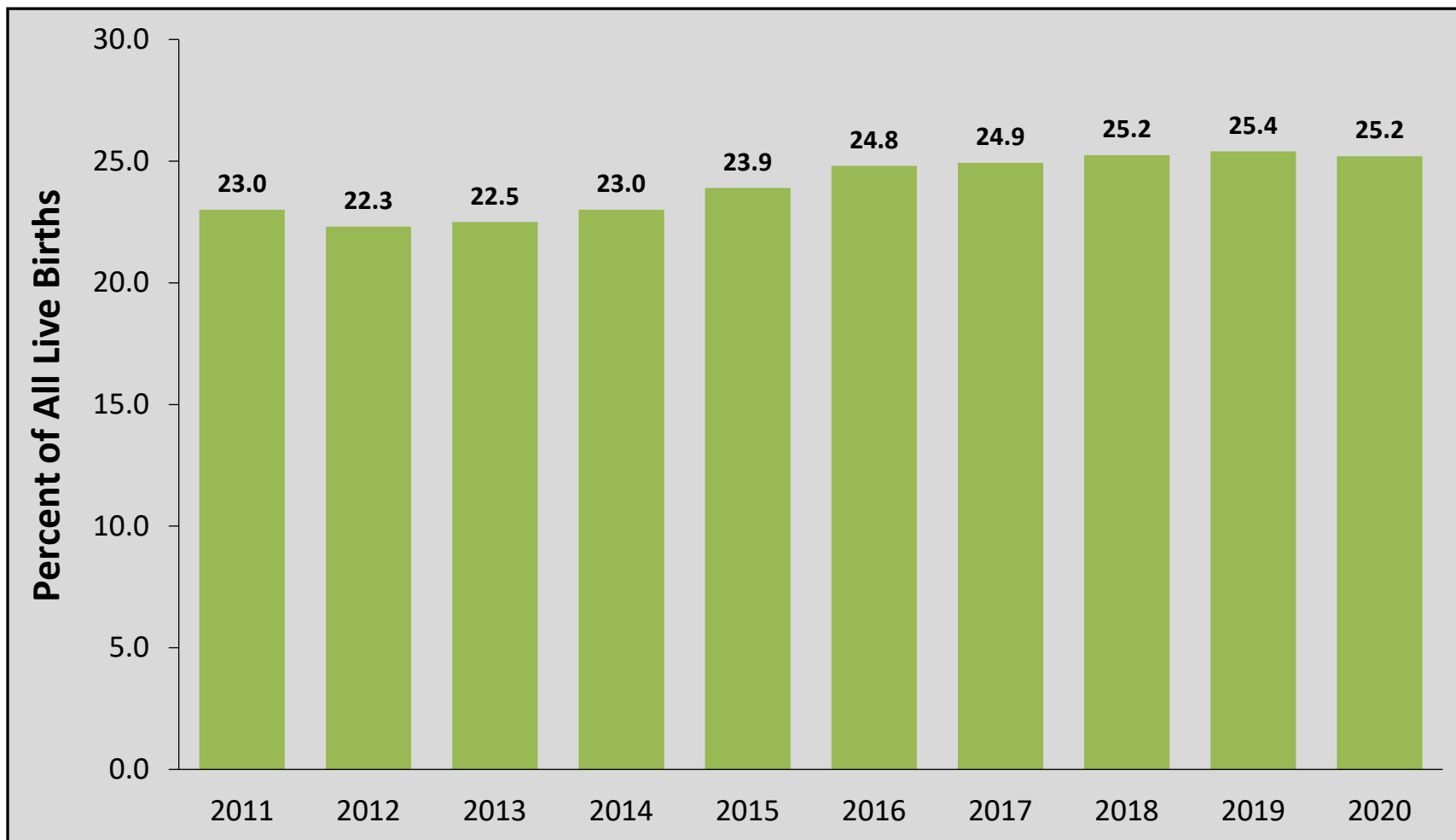
PERCENT OF BIRTHS TO TEENAGERS (AGES 10-19) BY RACE ALABAMA, 2018 - 2020



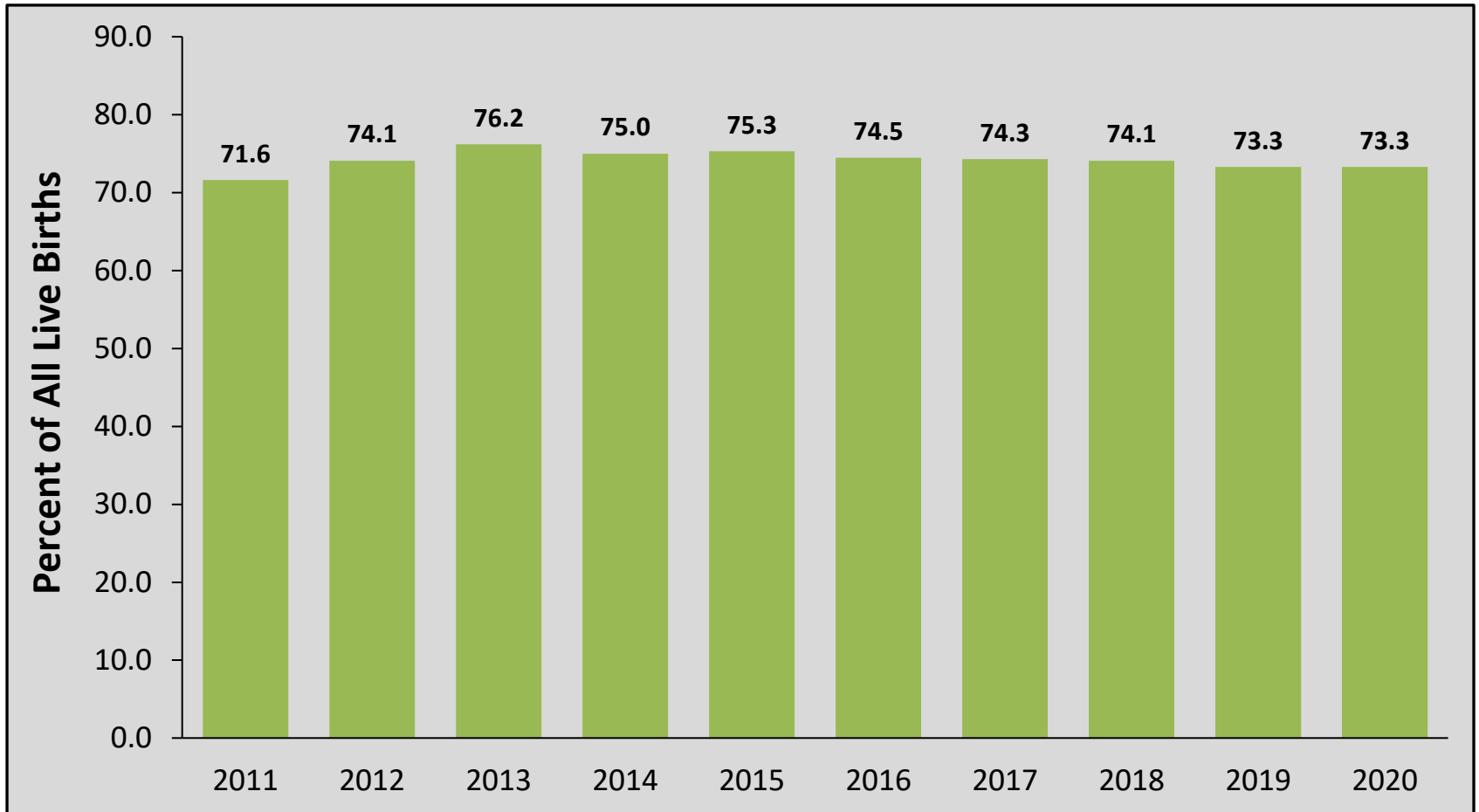
NUMBER OF BIRTHS TO TEENAGERS (AGES 10-19) ALABAMA, 2011-2020



PERCENT OF BIRTHS WITH A BIRTH INTERVAL LESS THAN 2 YEARS, ALABAMA, 2011-2020

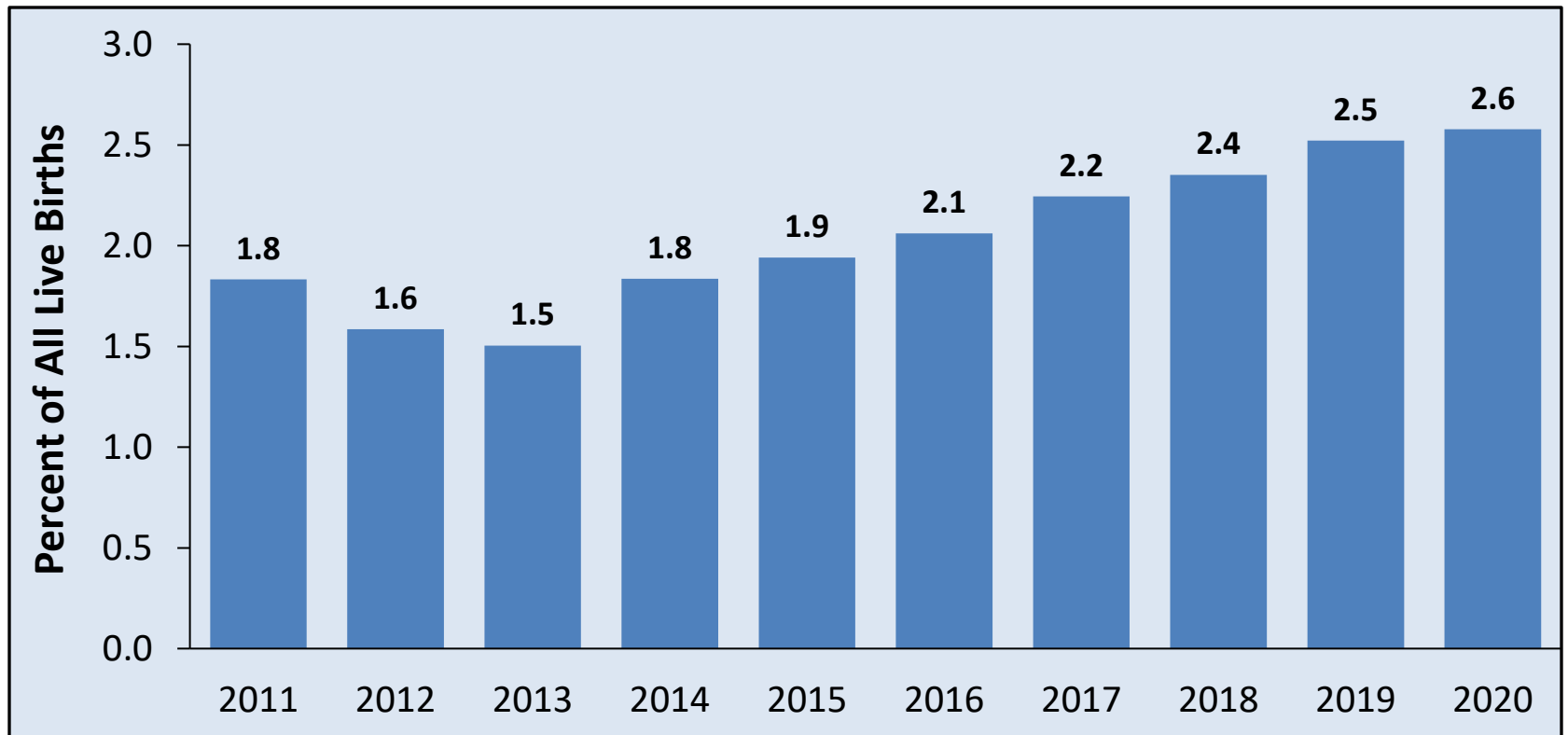


PERCENT OF BIRTHS WITH ADEQUATE PRENATAL CARE¹ ALABAMA, 2011-2020

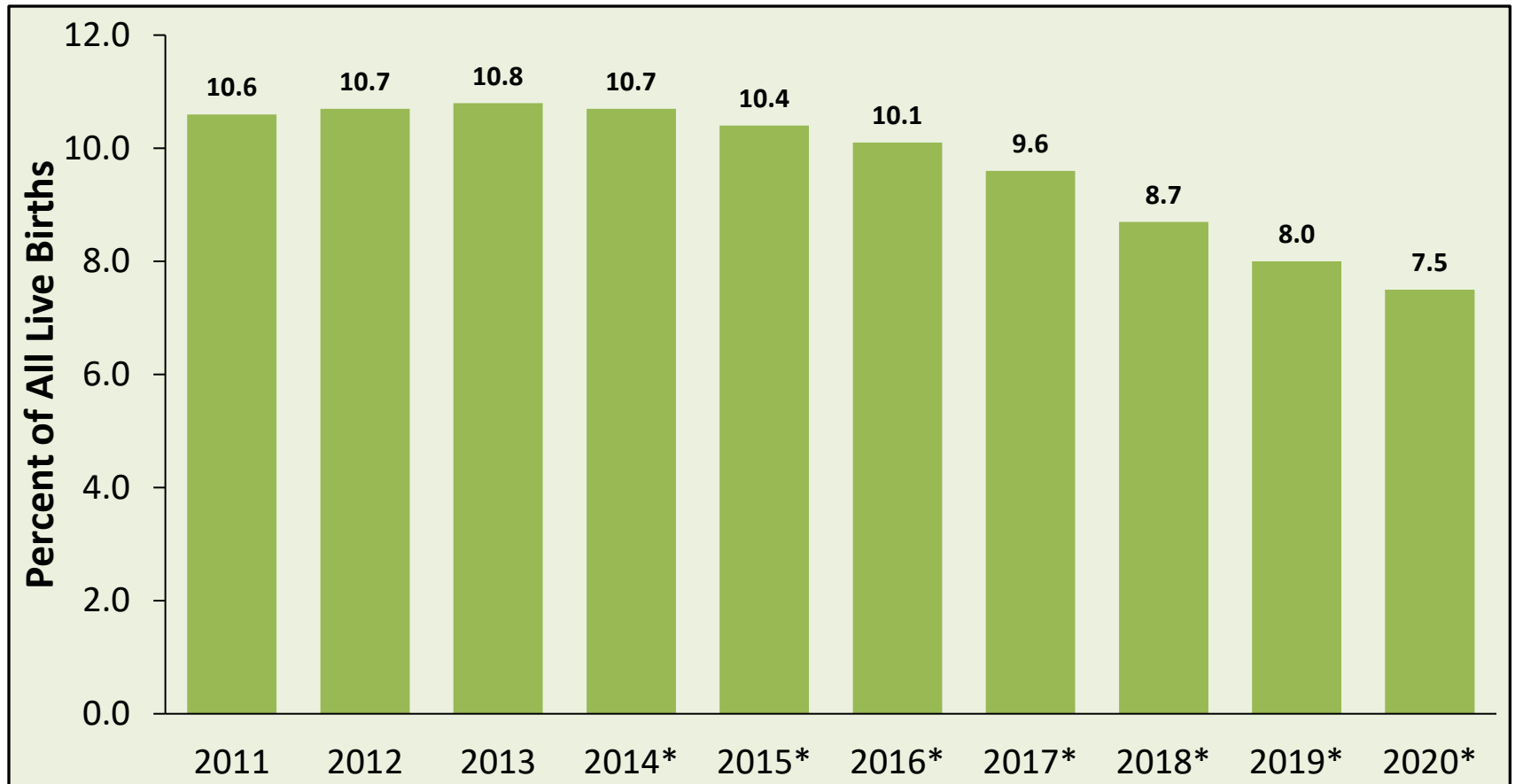


¹Adequacy of care includes both adequate plus and adequate as measured by the Kotelchuck index. Percentage calculation excludes unknown status.

PERCENT OF BIRTHS WITH NO PRENATAL CARE ALABAMA, 2011-2020

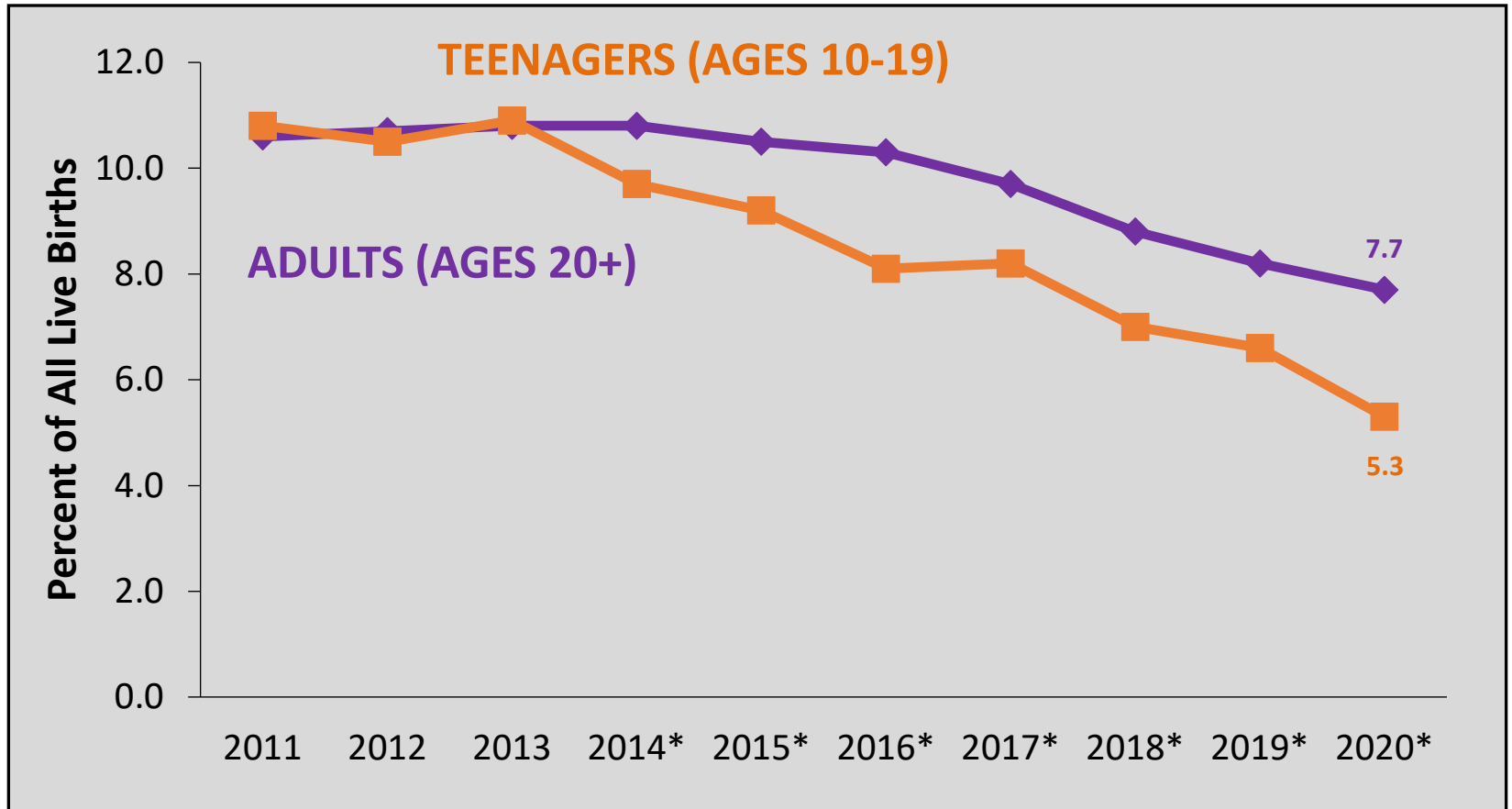


PERCENT OF BIRTHS WITH MATERNAL SMOKING ALABAMA, 2011-2020



*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, 2011-2020



*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.

LICENSED MIDWIFERY* BIRTHS

ALABAMA, 2019-2020

Payment Source	Total		w/Adequate Care		w/Inadequate Care	
	2019	2020	2019	2020	2019	2020
Medicaid	1	0	1	0	0	0
Private	4	14	3	9	1	5
Self Pay	97	179	75	122	17	43
Other/Unknown	3	3	1	1	2	2
Total	105	196	80	132	20	50

*Midwifery data collection began in Alabama in 2019; midwife licenses were first issued by the Alabama State Board of Midwifery on 1/18/2019. The 2017 law legalized licensed midwifery in Alabama for the first time since 1976.

- Adequacy of care measured using the Adequacy of Prenatal Care Utilization Index (Kotelchuck). All licensed midwifery births indicated some amount of prenatal care was received. However, births where the number of prenatal care visits was unknown/undetermined were included in the annual totals but could not be categorized due to the missing data.
- No infant deaths were associated with licensed midwifery births.
- Two teen births were associated with licensed midwifery births. They were self pay.

LEADING CAUSES OF INFANT DEATHS ALABAMA, 2020

- Three leading causes of infant deaths
 - Disorders related to short gestation and low birth weight, not elsewhere classified (P07)
 - Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
 - Sudden infant death syndrome (R95)
- Three leading causes of infant deaths accounted for 43.5% of infant deaths.

LEADING CAUSES OF INFANT DEATHS ALABAMA, 2020

Leading Causes of Infant Deaths	Number of Infant Deaths				Percent ¹		
	White	Black	Other	Total	AL (2020)	AL (2019)	US ² (2019)
Disorders related to short gestation and LBW, not elsewhere classified (P07)	20	48	1	69	17.1	15.1	16.5
Congenital malformations, deformations, and abnormalities (Q00-Q99)	39	23	2	64	15.8	19.8	20.6
Sudden infant death syndrome (R95)	19	23	1	43	10.6	5.3	6.0
Unintentional injuries (V01-X59)	11	15	0	26	6.4	4.7	6.1
Bacterial sepsis of newborn (P36)	8	11	0	19	4.7	2.4	2.9
Newborn affected by maternal complications of pregnancy (P01)	5	6	1	12	3.0	2.2	6.0
Respiratory distress of newborn (P22)	10	2	0	12	3.0	1.8	2.0

¹ Percent of total infant deaths.

² Most current national data is for year 2019.



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

ALABAMA, 2018, 2019, 2020, AND 2018-2020 COMBINED

COUNTY OF RESIDENCE	2018		2019		2020		COUNTY OF RESIDENCE	2018-2020	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	405	7.0	449	7.7	404	7.0	Total	1,258	7.2
Autauga	4	6.6	3	4.5	3	4.2	Autauga	10	5.0
Baldwin	10	4.4	12	5.2	10	4.4	Baldwin	32	4.6
Barbour	3	11.6	3	10.8	3	10.8	Barbour	9	11.0
Bibb	0	0.0	5	20.3	0	0.0	Bibb	5	6.6
Blount	6	8.9	1	1.6	4	6.2	Blount	11	5.6
Bullock	2	16.5	0	0.0	1	8.8	Bullock	3	8.1
Butler	3	14.4	1	4.5	1	4.5	Butler	5	7.7
Calhoun	8	6.3	9	6.5	4	3.2	Calhoun	21	5.4
Chambers	4	11.1	2	5.3	4	10.5	Chambers	10	8.9
Cherokee	5	21.5	2	8.2	0	0.0	Cherokee	7	9.8
Chilton	3	5.5	3	5.1	0	0.0	Chilton	6	3.5
Choctaw	4	28.0	0	0.0	0	0.0	Choctaw	4	9.2
Clarke	2	7.4	0	0.0	5	17.3	Clarke	7	8.1
Clay	0	0.0	1	6.7	1	6.3	Clay	2	4.2
Cleburne	1	5.5	2	12.9	1	6.1	Cleburne	4	8.0
Coffee	0	0.0	3	4.5	3	4.2	Coffee	6	3.1
Colbert	3	4.7	3	4.8	9	14.0	Colbert	15	7.9
Conecuh	2	15.3	3	21.1	2	17.9	Conecuh	7	18.2
Coosa	2	23.5	2	26.3	1	11.6	Coosa	5	20.2
Covington	1	2.5	2	4.8	3	7.0	Covington	6	4.8
Crenshaw	0	0.0	0	0.0	1	6.4	Crenshaw	1	2.2
Cullman	3	3.1	5	5.2	5	5.2	Cullman	13	4.5
Dale	5	7.6	6	9.0	5	7.4	Dale	16	8.0
Dallas	0	0.0	3	6.5	2	4.3	Dallas	5	3.7
DeKalb	7	8.5	8	10.0	6	7.6	DeKalb	21	8.7
Elmore	8	8.6	11	11.6	5	5.6	Elmore	24	8.7
Escambia	3	6.9	3	6.7	4	9.1	Escambia	10	7.6
Etowah	6	5.0	7	5.7	7	6.0	Etowah	20	5.6
Fayette	0	0.0	2	10.2	3	17.8	Fayette	5	9.3
Franklin	2	4.6	2	4.7	0	0.0	Franklin	4	3.2
Geneva	0	0.0	4	14.8	2	6.9	Geneva	6	7.1
Greene	0	0.0	2	23.3	2	18.5	Greene	4	14.1
Hale	0	0.0	4	20.7	0	0.0	Hale	4	7.1
Henry	1	6.5	3	16.8	2	12.4	Henry	6	12.2
Houston	14	10.2	10	7.5	15	11.2	Houston	39	9.7
Jackson	2	3.5	5	9.2	1	1.9	Jackson	8	4.9
Jefferson	69	8.2	85	10.0	58	7.3	Jefferson	212	8.5
Lamar	0	0.0	1	8.2	1	6.2	Lamar	2	4.3
Lauderdale	5	5.4	5	5.2	4	4.5	Lauderdale	14	5.0
Lawrence	3	8.8	0	0.0	1	3.0	Lawrence	4	3.9
Lee	16	8.9	8	4.2	11	6.0	Lee	35	6.3
Limestone	4	4.0	7	7.1	4	3.5	Limestone	15	4.8
Lowndes	2	16.4	2	13.9	2	17.4	Lowndes	6	15.7
Macon	1	5.6	2	12.9	1	5.4	Macon	4	7.7
Madison	28	6.6	30	7.0	28	6.5	Madison	86	6.7
Marengo	0	0.0	5	21.8	0	0.0	Marengo	5	7.5
Marion	5	15.7	2	5.8	4	12.5	Marion	11	11.2
Marshall	3	2.2	8	5.6	10	6.8	Marshall	21	4.9
Mobile	50	9.0	37	6.9	43	8.1	Mobile	130	8.0
Monroe	2	10.4	2	8.5	3	14.8	Monroe	7	11.1
Montgomery	29	9.2	32	10.1	28	8.9	Montgomery	89	9.4
Morgan	4	2.8	9	6.3	12	8.2	Morgan	25	5.8
Perry	1	11.0	1	9.4	1	8.9	Perry	3	9.7
Pickens	0	0.0	2	10.7	2	11.2	Pickens	4	6.8
Pike	2	5.5	4	10.4	2	5.6	Pike	8	7.2
Randolph	1	4.0	4	16.4	2	7.8	Randolph	7	9.3
Russell	4	5.1	8	9.7	7	9.1	Russell	19	8.0
St. Clair	2	2.1	5	4.9	6	6.1	St. Clair	13	4.4
Shelby	15	6.7	9	4.1	10	4.5	Shelby	34	5.1
Sumter	2	14.3	1	7.5	1	7.5	Sumter	4	9.8
Talladega	5	5.7	7	8.1	12	12.9	Talladega	24	9.0
Tallapoosa	4	10.2	2	5.0	6	15.0	Tallapoosa	12	10.1
Tuscaloosa	19	7.9	29	11.0	20	7.8	Tuscaloosa	68	8.9
Walker	11	14.3	7	8.8	7	9.7	Walker	25	10.9
Washington	1	5.4	0	0.0	3	16.0	Washington	4	7.3
Wilcox	1	7.7	0	0.0	0	0.0	Wilcox	1	2.5
Winston	2	8.3	3	13.6	0	0.0	Winston	5	7.3

*Rate is per 1,000 live births.

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

ALABAMA, 2018, 2019, 2020, AND 2018-2020 COMBINED

COUNTY OF RESIDENCE	2018		2019		2020		COUNTY OF RESIDENCE	2018-2020	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	196	5.1	214	5.6	196	5.2	Total	606	5.3
Autauga	2	4.5	3	6.1	1	2.0	Autauga	6	4.2
Baldwin	10	5.1	9	4.5	8	4.0	Baldwin	27	4.6
Barbour	0	0.0	1	8.6	1	9.7	Barbour	2	6.2
Bibb	0	0.0	4	20.5	0	0.0	Bibb	4	6.8
Blount	6	9.1	0	0.0	4	6.4	Blount	10	5.2
Bullock	0	0.0	0	0.0	1	31.3	Bullock	1	11.9
Butler	1	10.4	0	0.0	0	0.0	Butler	1	3.7
Calhoun	2	2.2	5	5.0	3	3.3	Calhoun	10	3.5
Chambers	3	14.9	2	9.9	2	8.4	Chambers	7	10.9
Cherokee	5	23.1	2	8.5	0	0.0	Cherokee	7	10.4
Chilton	2	4.3	2	3.8	0	0.0	Chilton	4	2.7
Choctaw	1	11.4	0	0.0	0	0.0	Choctaw	1	3.8
Clarke	0	0.0	0	0.0	2	14.4	Clarke	2	4.7
Clay	0	0.0	0	0.0	1	7.8	Clay	1	2.6
Cleburne	1	5.7	2	13.2	1	6.4	Cleburne	4	8.3
Coffee	0	0.0	3	6.1	2	3.7	Coffee	5	3.4
Colbert	3	5.7	3	6.2	2	3.9	Colbert	8	5.3
Conecuh	0	0.0	0	0.0	2	42.6	Conecuh	2	10.6
Coosa	2	33.9	1	17.2	0	0.0	Coosa	3	16.4
Covington	1	3.0	2	5.7	2	5.9	Covington	5	4.9
Crenshaw	0	0.0	0	0.0	0	0.0	Crenshaw	0	0.0
Cullman	2	2.1	5	5.3	5	5.3	Cullman	12	4.2
Dale	5	10.3	4	8.5	4	8.2	Dale	13	9.0
Dallas	0	0.0	1	10.0	0	0.0	Dallas	1	3.5
DeKalb	7	8.9	6	8.3	6	8.6	DeKalb	19	8.6
Elmore	4	5.6	6	9.0	2	3.0	Elmore	12	5.9
Escambia	0	0.0	1	3.4	2	7.8	Escambia	3	3.6
Etowah	2	2.2	5	5.4	6	6.9	Etowah	13	4.8
Fayette	0	0.0	2	11.2	2	14.0	Fayette	4	8.7
Franklin	2	4.9	2	5.3	0	0.0	Franklin	4	3.6
Geneva	0	0.0	4	17.1	2	7.9	Geneva	6	8.1
Greene	0	0.0	0	0.0	0	0.0	Greene	0	0.0
Hale	0	0.0	0	0.0	0	0.0	Hale	0	0.0
Henry	1	9.0	1	7.4	1	8.8	Henry	3	8.4
Houston	8	9.5	2	2.5	7	8.8	Houston	17	7.0
Jackson	2	3.8	5	10.2	0	0.0	Jackson	7	4.7
Jefferson	22	5.0	32	7.3	15	3.6	Jefferson	69	5.3
Lamar	0	0.0	0	0.0	1	6.7	Lamar	1	2.4
Lauderdale	3	3.8	3	3.7	4	5.4	Lauderdale	10	4.3
Lawrence	3	9.9	0	0.0	1	3.3	Lawrence	4	4.4
Lee	7	5.7	3	2.4	5	4.1	Lee	15	4.0
Limestone	3	3.4	5	5.8	3	3.1	Limestone	11	4.1
Lowndes	1	34.5	0	0.0	2	105.3	Lowndes	3	41.7
Macon	0	0.0	0	0.0	0	0.0	Macon	0	0.0
Madison	17	6.1	13	4.7	11	3.8	Madison	41	4.8
Marengo	0	0.0	1	9.1	0	0.0	Marengo	1	3.6
Marion	5	16.5	2	6.0	4	13.1	Marion	11	11.7
Marshall	2	1.5	7	6.0	9	7.9	Marshall	18	5.0
Mobile	18	6.2	12	4.4	19	7.0	Mobile	49	5.9
Monroe	0	0.0	0	0.0	0	0.0	Monroe	0	0.0
Montgomery	7	7.4	3	3.4	4	4.7	Montgomery	14	5.3
Morgan	2	1.7	5	4.2	9	7.6	Morgan	16	4.5
Perry	0	0.0	0	0.0	0	0.0	Perry	0	0.0
Pickens	0	0.0	2	21.3	1	12.8	Pickens	3	10.5
Pike	1	5.4	1	5.2	1	5.2	Pike	3	5.3
Randolph	0	0.0	4	21.1	1	4.8	Randolph	5	8.3
Russell	0	0.0	2	4.7	2	5.2	Russell	4	3.2
St. Clair	2	2.3	3	3.3	4	4.6	St. Clair	9	3.4
Shelby	9	4.9	8	4.4	6	3.3	Shelby	23	4.2
Sumter	0	0.0	0	0.0	0	0.0	Sumter	0	0.0
Talladega	1	1.8	4	7.3	4	7.4	Talladega	9	5.5
Tallapoosa	0	0.0	0	0.0	5	20.8	Tallapoosa	5	6.6
Tuscaloosa	7	5.6	12	8.6	7	5.0	Tuscaloosa	26	6.4
Walker	11	15.1	6	8.3	7	10.6	Walker	24	11.4
Washington	0	0.0	0	0.0	2	15.7	Washington	2	5.3
Wilcox	1	45.5	0	0.0	0	0.0	Wilcox	1	11.8
Winston	2	8.5	3	13.8	0	0.0	Winston	5	7.4

*Rate is per 1,000 live births.

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

ALABAMA, 2018, 2019, 2020, AND 2018-2020 COMBINED

COUNTY OF RESIDENCE	2018		2019		2020		COUNTY OF RESIDENCE	2018-2020	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	209	10.7	235	11.4	208	10.3	Total	652	10.8
Autauga	2	12.4	0	0.0	2	9.5	Autauga	4	7.2
Baldwin	0	0.0	3	8.7	2	6.4	Baldwin	5	5.0
Barbour	3	19.4	2	12.4	2	11.4	Barbour	7	14.2
Bibb	0	0.0	1	19.6	0	0.0	Bibb	1	6.2
Blount	0	0.0	1	62.5	0	0.0	Blount	1	18.9
Bullock	2	21.7	0	0.0	0	0.0	Bullock	2	7.0
Butler	2	17.7	1	7.3	1	7.4	Butler	4	10.4
Calhoun	6	16.6	4	10.4	1	2.9	Calhoun	11	10.1
Chambers	1	6.3	0	0.0	2	14.0	Chambers	3	6.3
Cherokee	0	0.0	0	0.0	0	0.0	Cherokee	0	0.0
Chilton	1	13.3	1	16.9	0	0.0	Chilton	2	10.2
Choctaw	3	54.5	0	0.0	0	0.0	Choctaw	3	17.0
Clarke	2	13.4	0	0.0	3	20.0	Clarke	5	11.5
Clay	0	0.0	1	41.7	0	0.0	Clay	1	12.0
Cleburne	0	0.0	0	0.0	0	0.0	Cleburne	0	0.0
Coffee	0	0.0	0	0.0	1	6.0	Coffee	1	2.1
Colbert	0	0.0	0	0.0	7	55.6	Colbert	7	18.3
Conecuh	2	34.5	3	40.5	0	0.0	Conecuh	5	25.4
Coosa	0	0.0	1	55.6	1	50.0	Coosa	2	31.3
Covington	0	0.0	0	0.0	1	10.8	Covington	1	4.3
Crenshaw	0	0.0	0	0.0	1	21.3	Crenshaw	1	6.9
Cullman	1	58.8	0	0.0	0	0.0	Cullman	1	15.9
Dale	0	0.0	2	10.0	1	5.3	Dale	3	5.3
Dallas	0	0.0	2	5.5	2	5.5	Dallas	4	3.7
DeKalb	0	0.0	2	27.4	0	0.0	DeKalb	2	10.1
Elmore	4	18.4	5	18.1	3	13.5	Elmore	12	16.7
Escambia	3	18.8	2	12.8	2	11.0	Escambia	7	14.1
Etowah	4	15.0	2	6.4	1	3.3	Etowah	7	7.9
Fayette	0	0.0	0	0.0	1	38.5	Fayette	1	13.0
Franklin	0	0.0	0	0.0	0	0.0	Franklin	0	0.0
Geneva	0	0.0	0	0.0	0	0.0	Geneva	0	0.0
Greene	0	0.0	2	25.3	2	21.1	Greene	4	16.2
Hale	0	0.0	4	32.0	0	0.0	Hale	4	11.2
Henry	0	0.0	2	45.5	1	20.8	Henry	3	22.4
Houston	6	11.4	8	15.1	8	14.7	Houston	22	13.7
Jackson	0	0.0	0	0.0	1	33.3	Jackson	1	7.9
Jefferson	47	11.6	53	12.9	43	11.5	Jefferson	143	12.0
Lamar	0	0.0	1	83.3	0	0.0	Lamar	1	20.0
Lauderdale	2	15.4	2	13.5	0	0.0	Lauderdale	4	9.3
Lawrence	0	0.0	0	0.0	0	0.0	Lawrence	0	0.0
Lee	9	15.5	5	8.1	6	9.8	Lee	20	11.0
Limestone	1	7.4	2	17.4	1	5.7	Limestone	4	9.4
Lowndes	1	10.8	2	16.7	0	0.0	Lowndes	3	9.7
Macon	1	7.0	2	14.9	1	6.6	Macon	4	9.4
Madison	11	7.5	17	11.3	17	11.8	Madison	45	10.2
Marengo	0	0.0	4	33.6	0	0.0	Marengo	4	10.4
Marion	0	0.0	0	0.0	0	0.0	Marion	0	0.0
Marshall	1	11.6	1	4.0	1	3.0	Marshall	3	4.5
Mobile	32	12.1	25	9.5	24	9.3	Mobile	81	10.3
Monroe	2	21.3	2	16.8	3	29.7	Monroe	7	22.3
Montgomery	22	10.0	29	12.7	24	10.5	Montgomery	75	11.1
Morgan	2	7.6	4	15.9	3	10.8	Morgan	9	11.4
Perry	1	15.4	1	11.0	1	11.6	Perry	3	12.4
Pickens	0	0.0	0	0.0	1	10.0	Pickens	1	3.3
Pike	1	5.7	3	15.5	1	6.0	Pike	5	9.3
Randolph	1	21.7	0	0.0	1	20.0	Randolph	2	13.3
Russell	4	10.9	6	15.0	5	12.9	Russell	15	13.0
St. Clair	0	0.0	2	16.3	2	17.4	St. Clair	4	11.8
Shelby	6	14.3	1	2.5	4	10.3	Shelby	11	9.1
Sumter	2	18.5	1	9.3	1	9.9	Sumter	4	12.6
Talladega	4	12.2	3	9.5	8	20.5	Talladega	15	14.5
Tallapoosa	4	30.8	2	13.2	1	6.3	Tallapoosa	7	15.8
Tuscaloosa	12	10.5	17	13.8	13	11.0	Tuscaloosa	42	11.8
Walker	0	0.0	1	13.0	0	0.0	Walker	1	5.5
Washington	1	20.0	0	0.0	1	16.7	Washington	2	12.0
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.