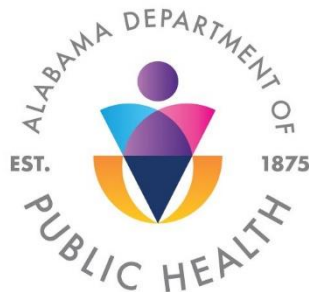


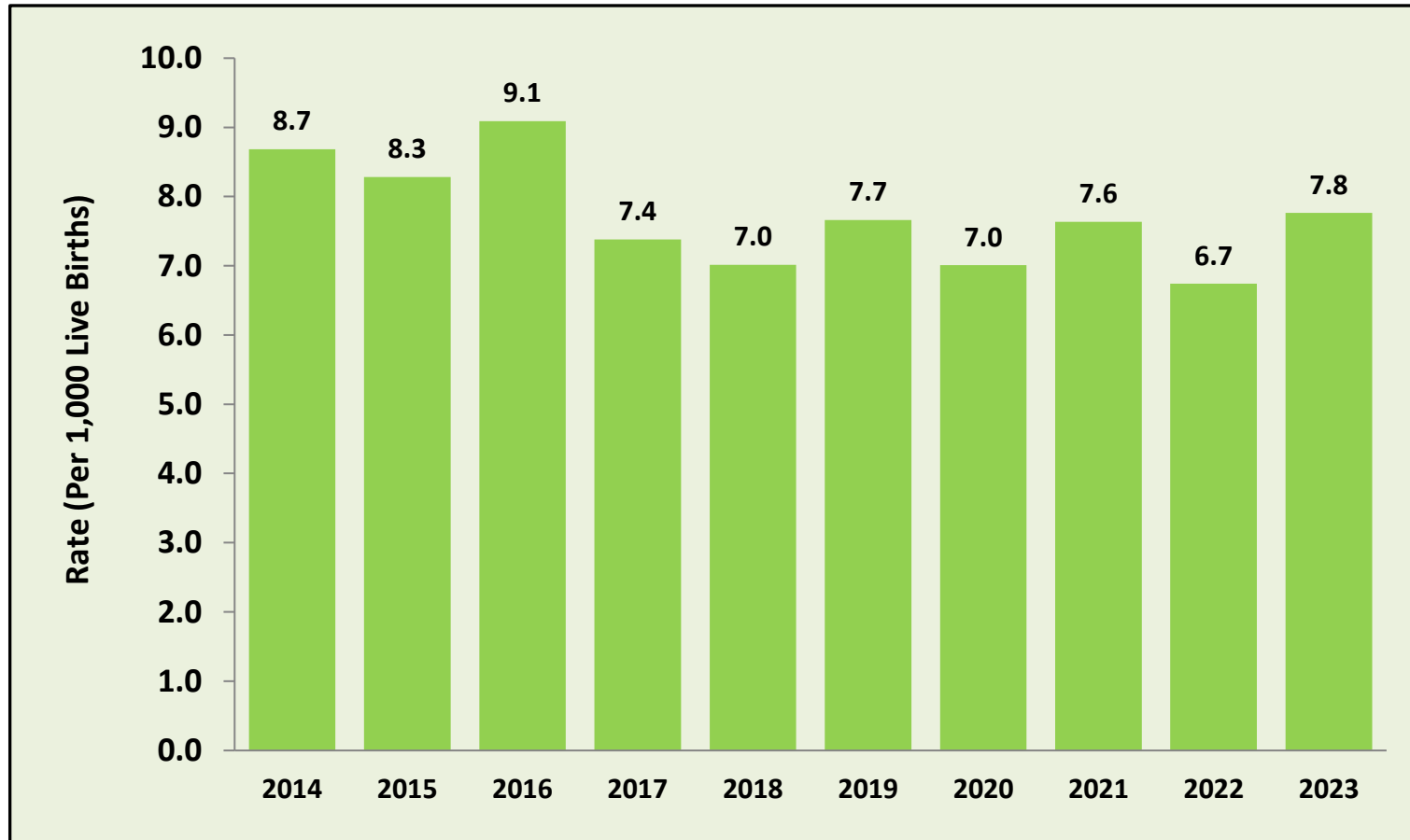
INFANT MORTALITY ALABAMA 2023

ALABAMA DEPARTMENT OF PUBLIC HEALTH
CENTER FOR HEALTH STATISTICS

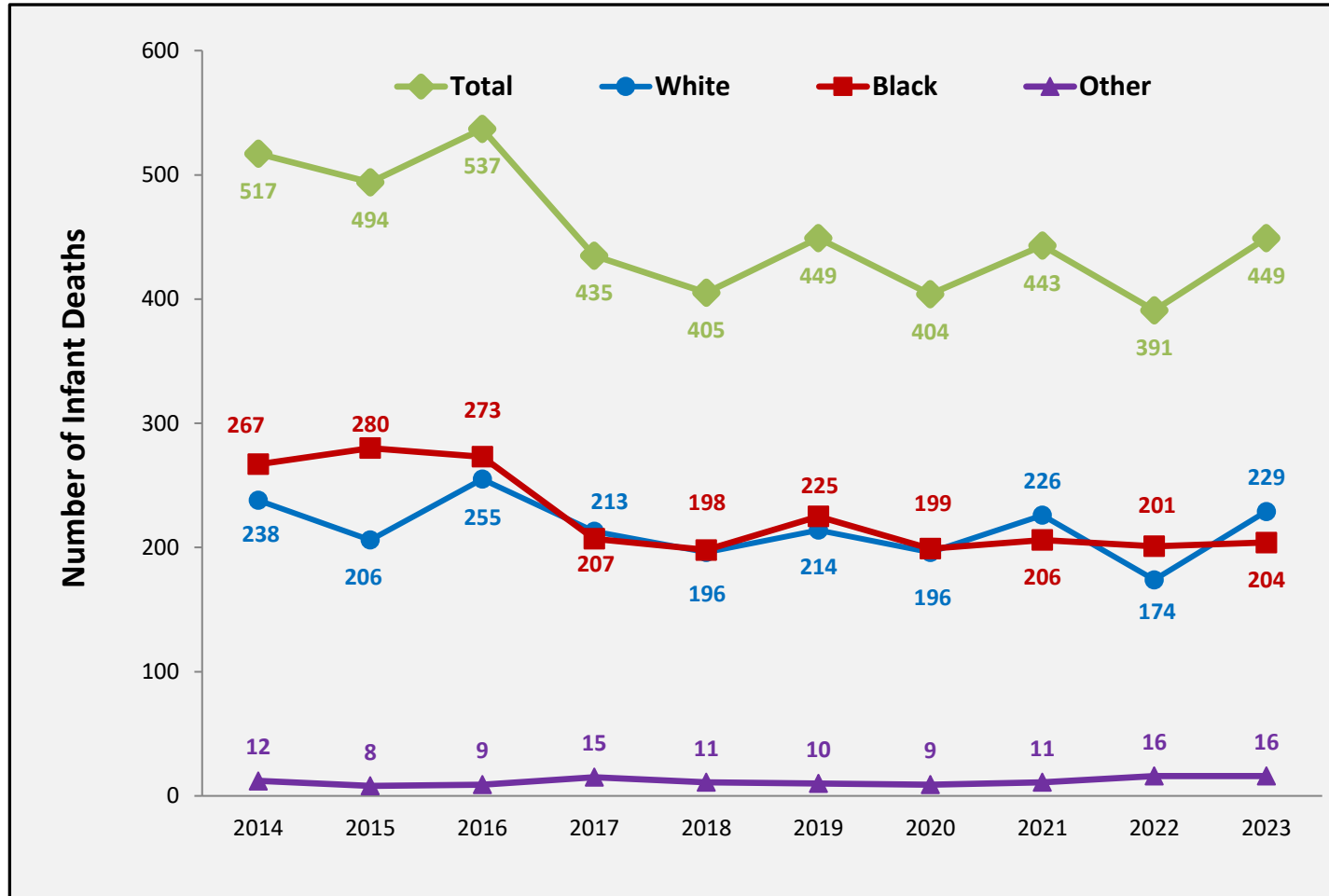
November 14, 2024



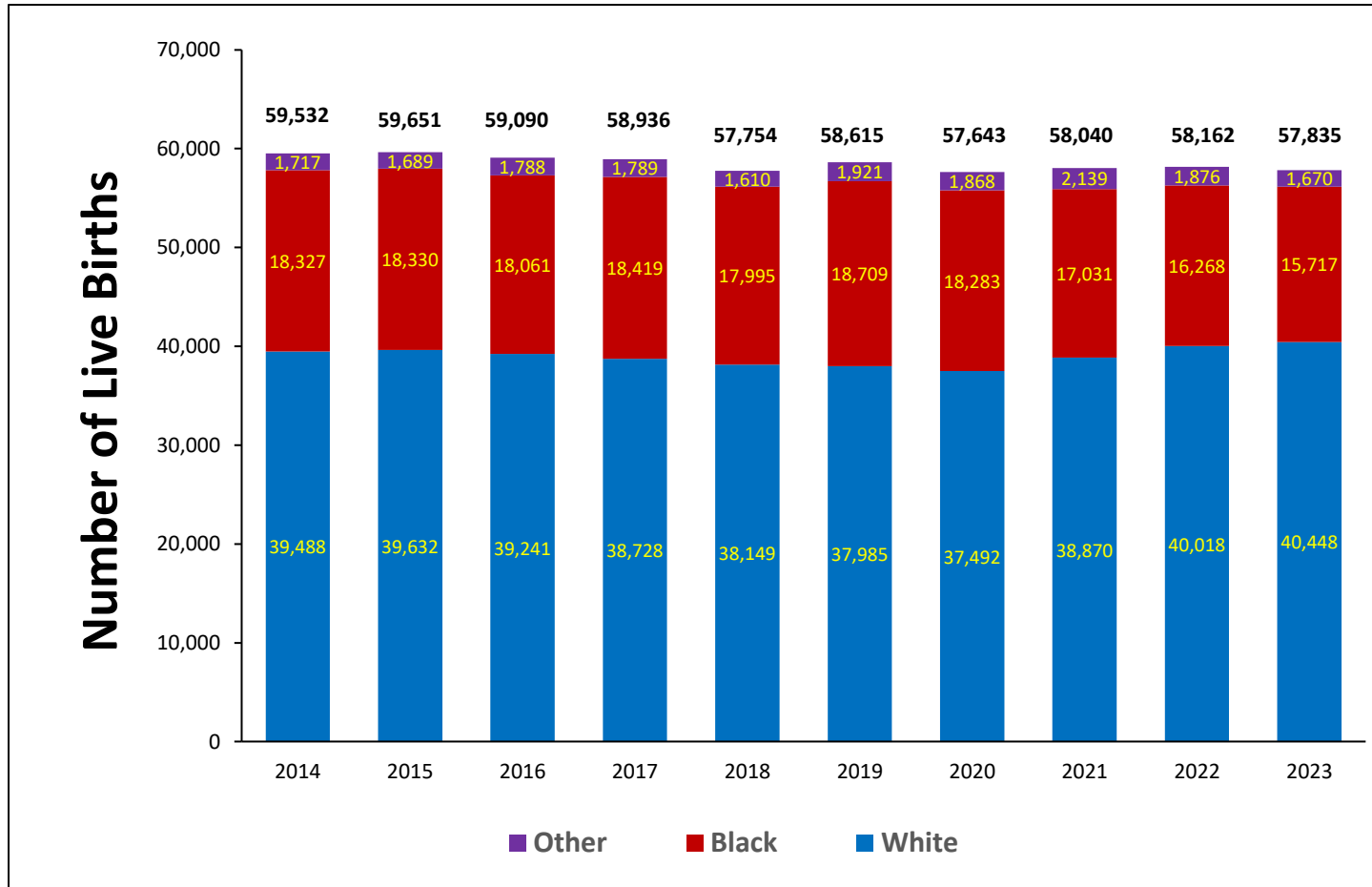
INFANT MORTALITY RATES ALABAMA, 2014-2023



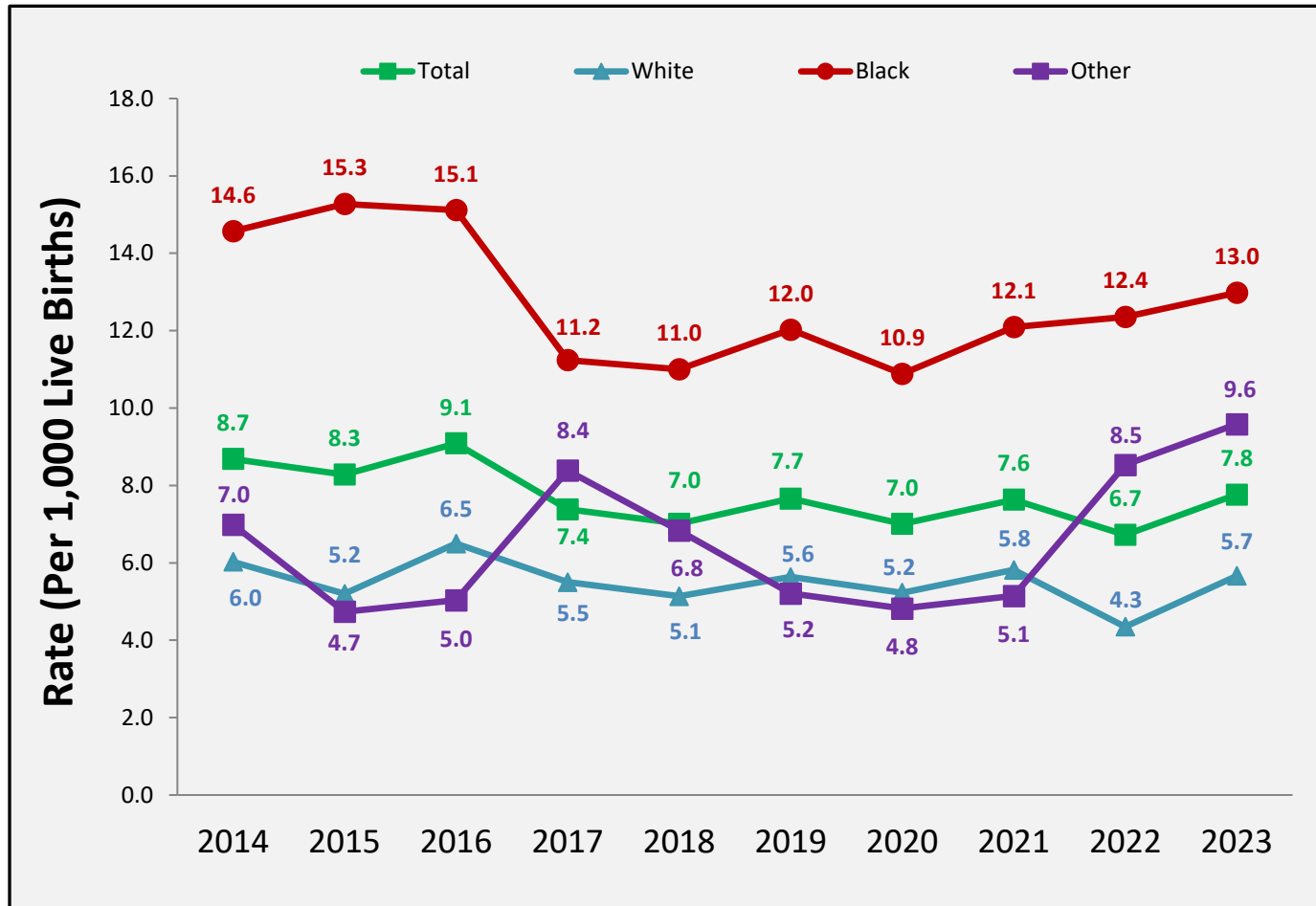
NUMBER OF INFANT DEATHS ALABAMA, 2014-2023



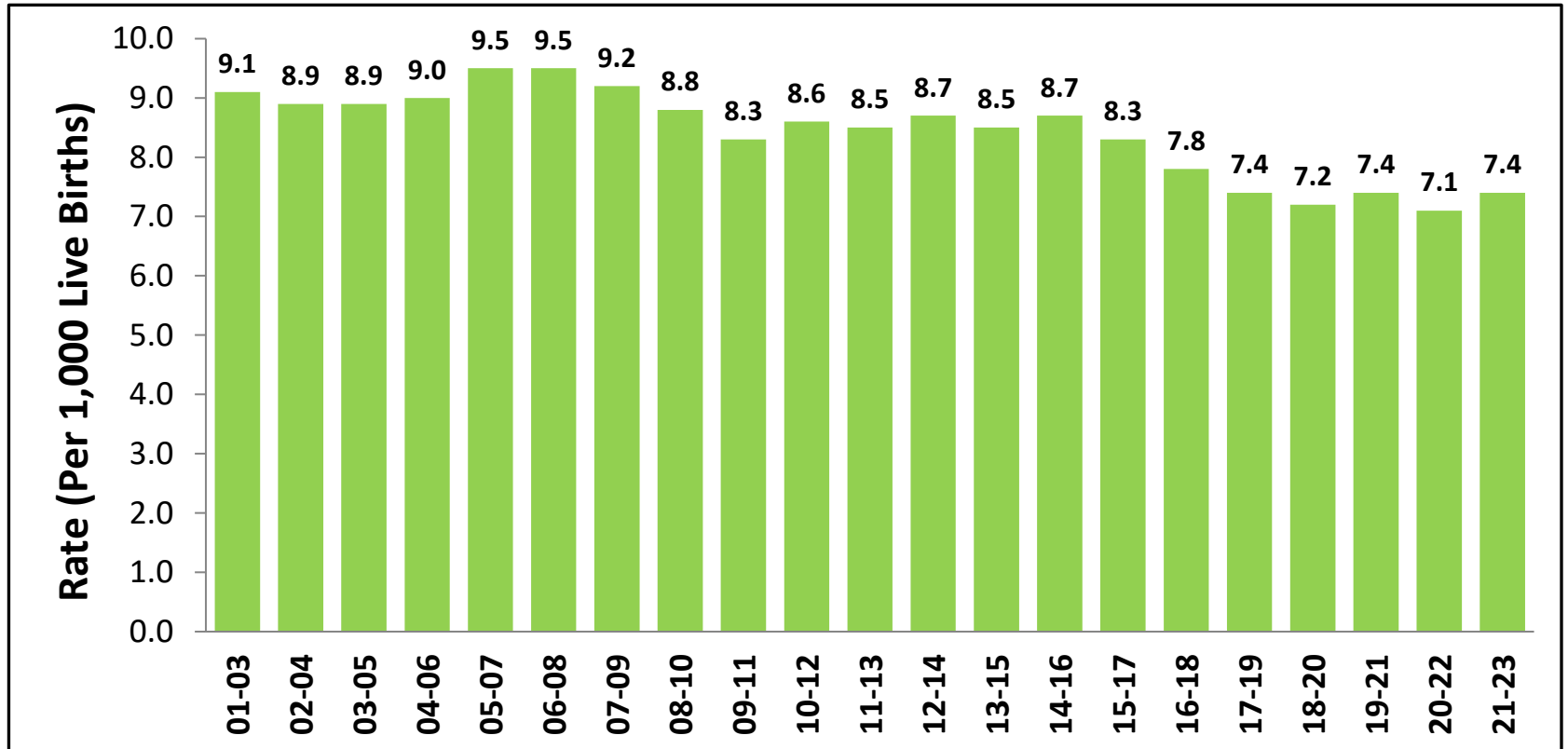
NUMBER OF BIRTHS ALABAMA, 2014-2023



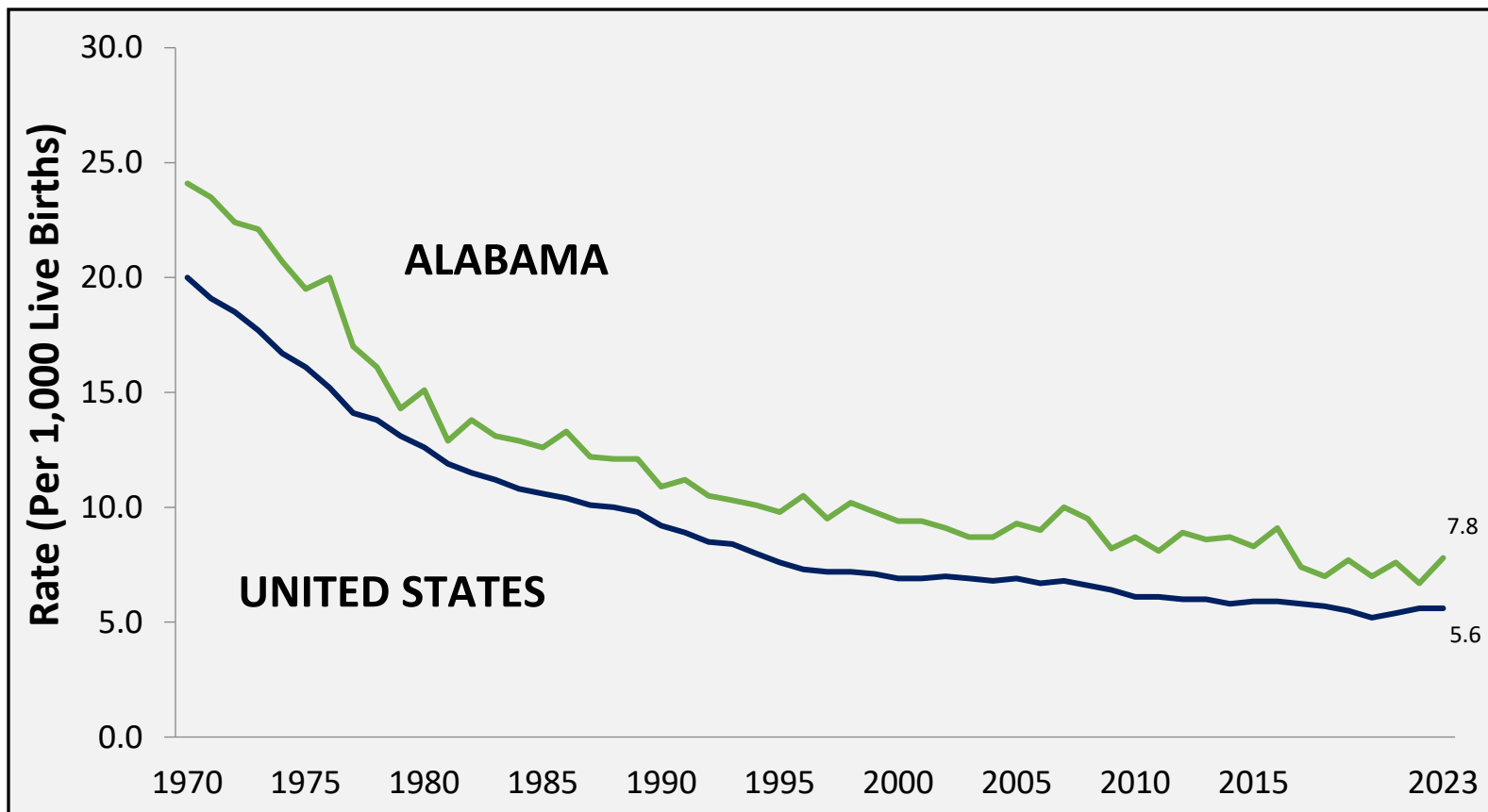
INFANT MORTALITY RATES ALABAMA, 2014-2023



THREE-YEAR INFANT MORTALITY RATES ALABAMA, 2001-2003 to 2021-2023



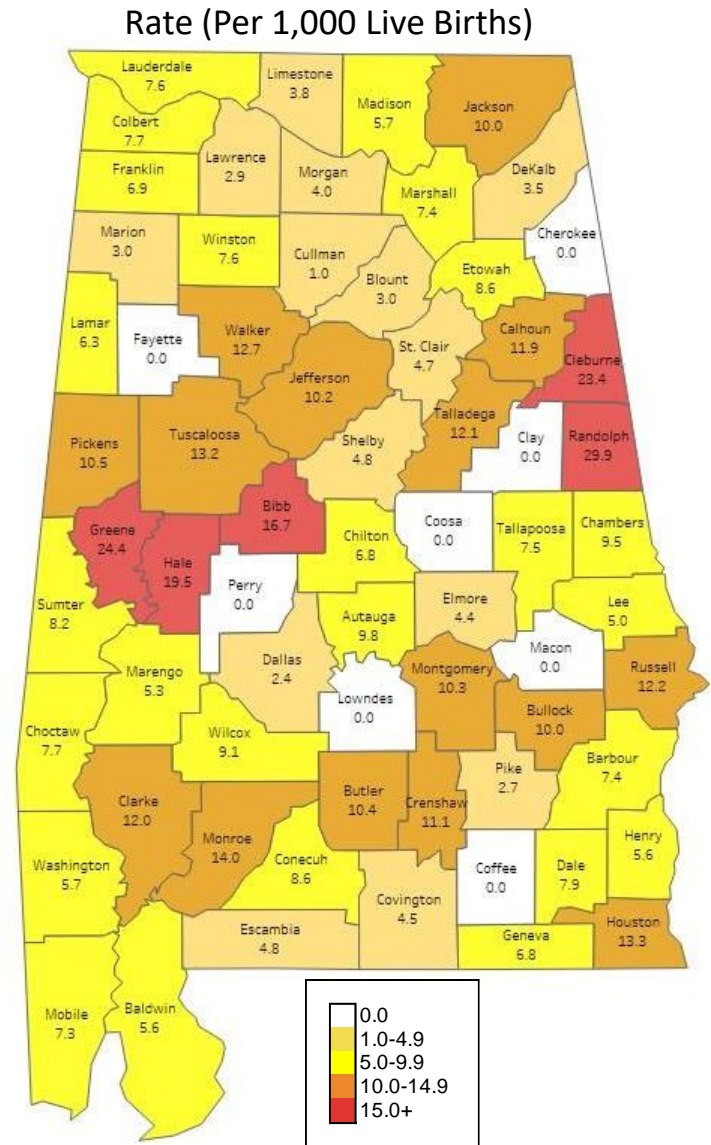
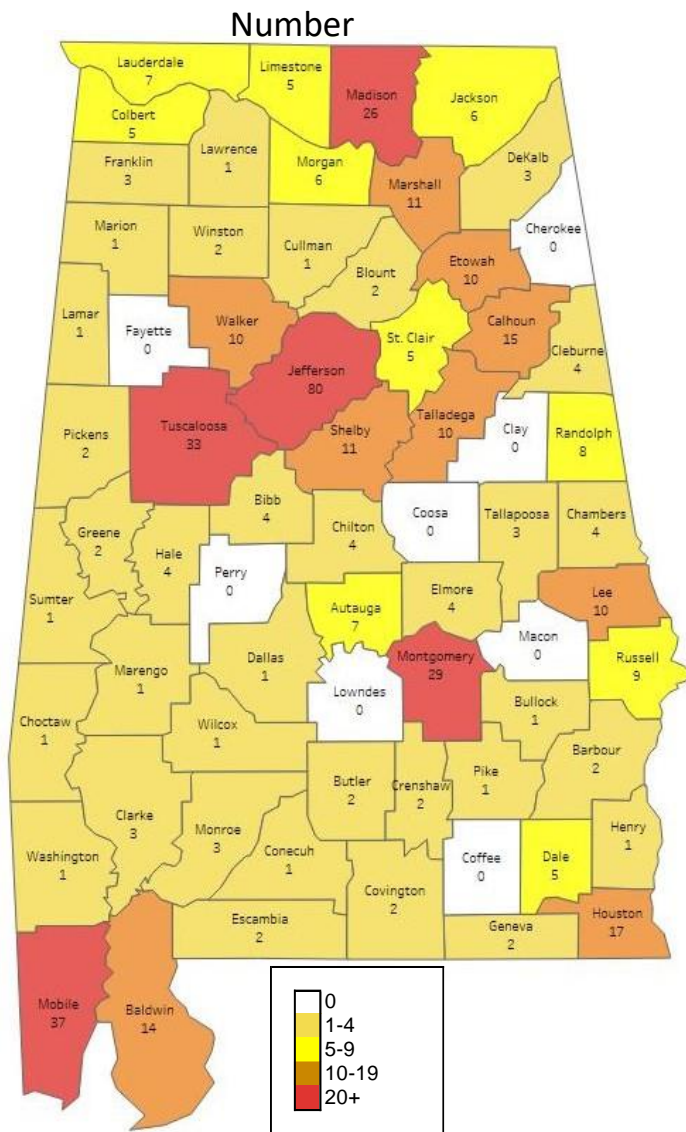
INFANT MORTALITY RATES ALABAMA AND UNITED STATES¹, 1970-2023



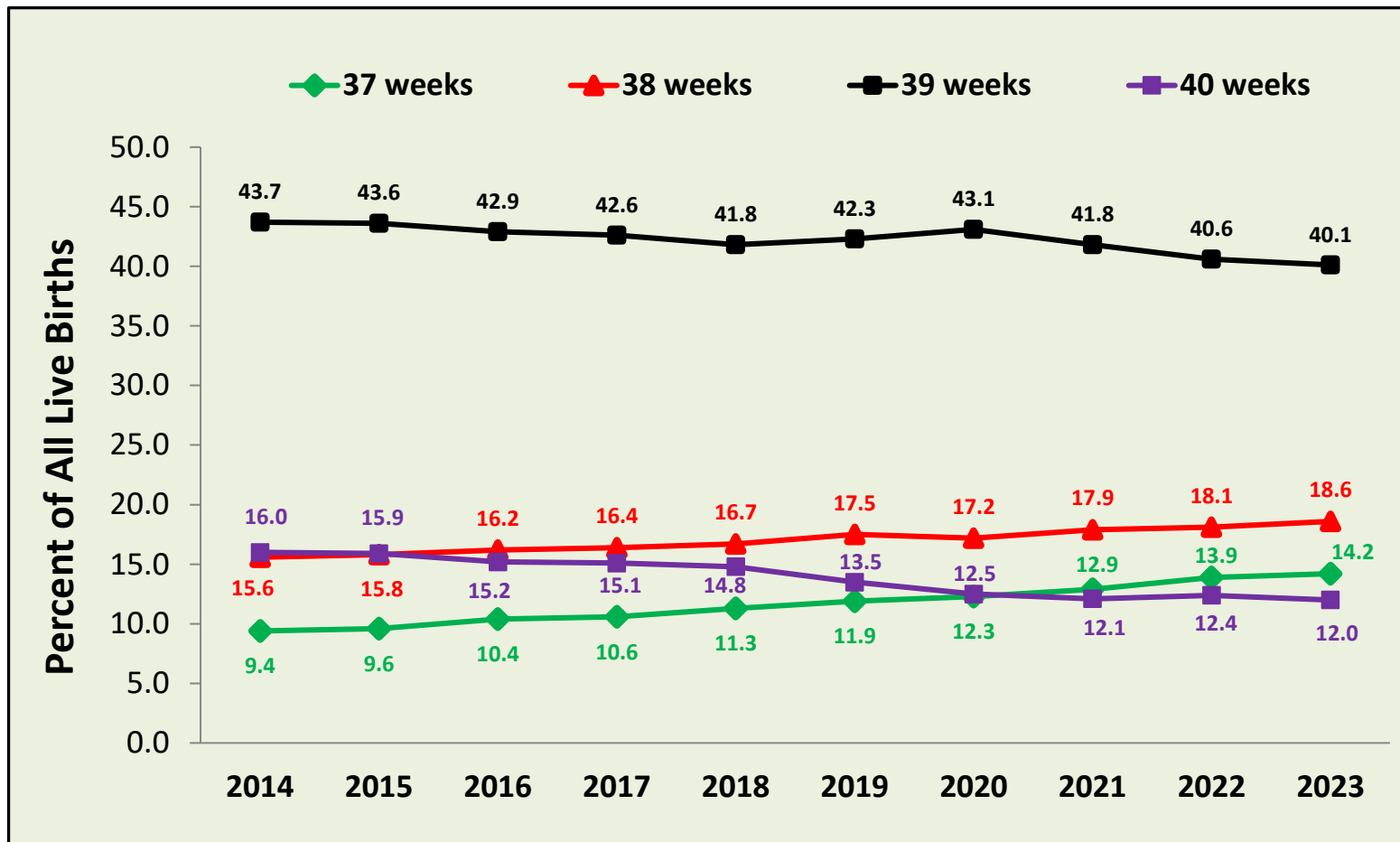
¹ 2023 national data is provisional.

INFANT MORTALITY BY COUNTY OF RESIDENCE

ALABAMA, 2023



PERCENT OF BIRTHS AT 37-40 WEEKS GESTATION ALABAMA, 2014-2023

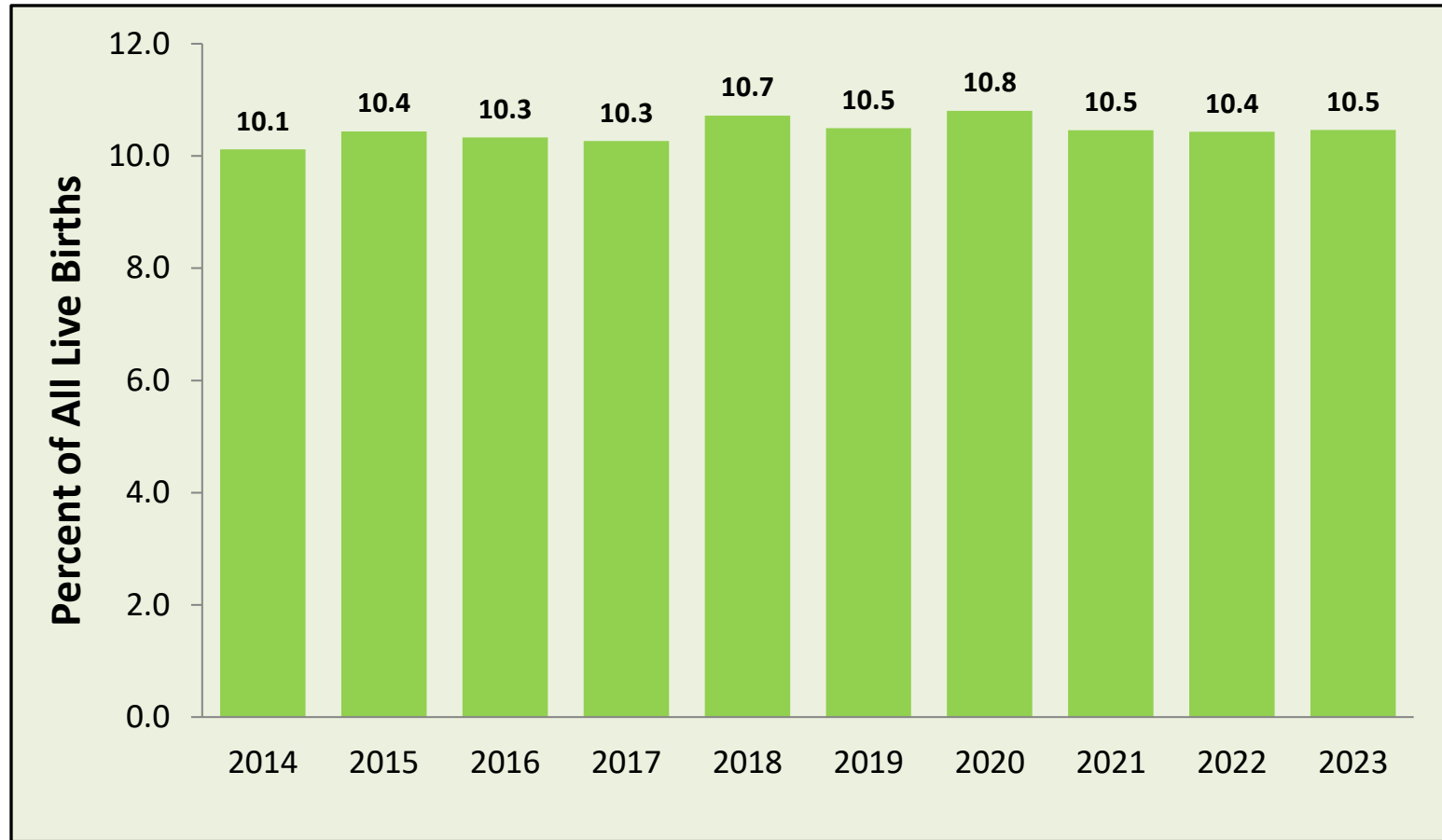


PERCENT OF BIRTHS LESS THAN 37 WEEKS GESTATION ALABAMA, 2014-2023



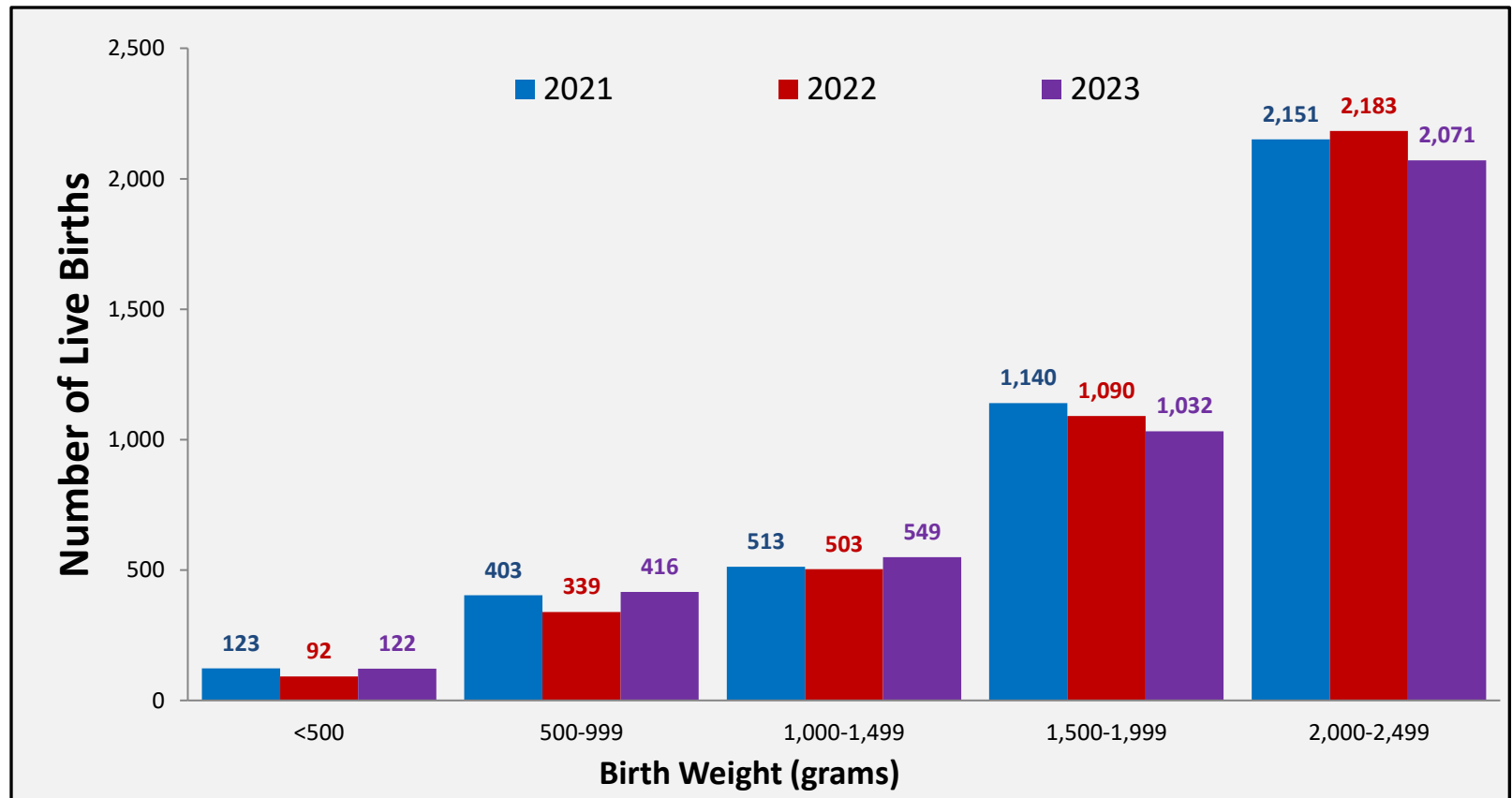
PERCENT OF LOW WEIGHT BIRTHS*

ALABAMA, 2014-2023



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

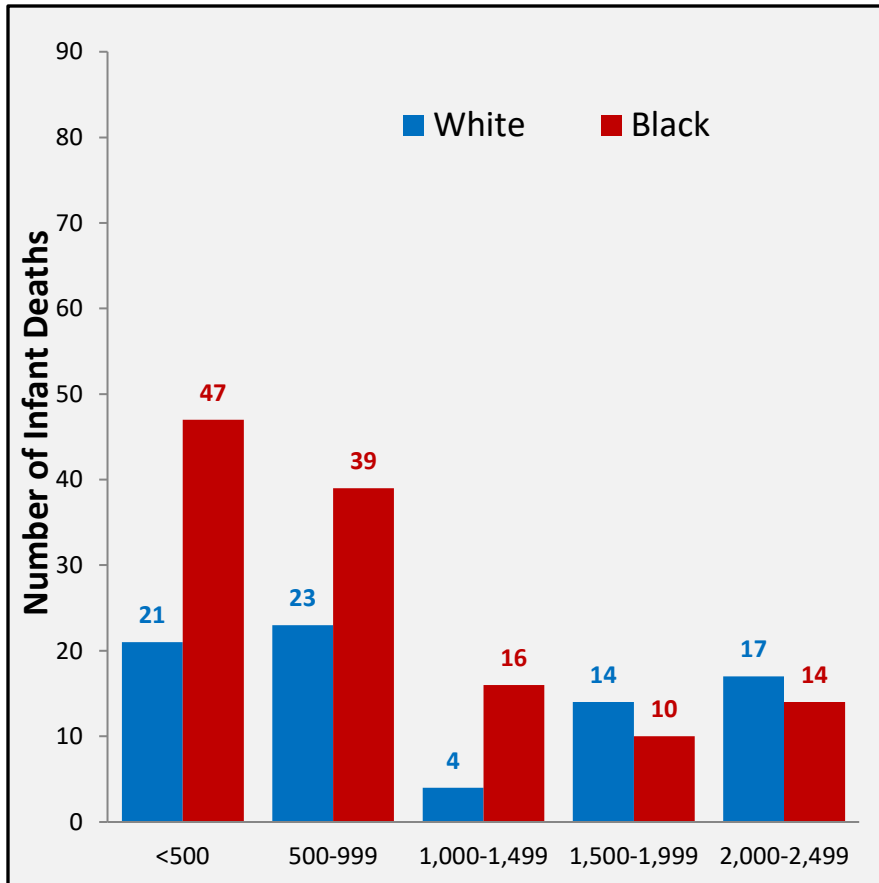
NUMBER OF PRETERM BIRTHS* BY BIRTH WEIGHT ALABAMA, 2021-2023



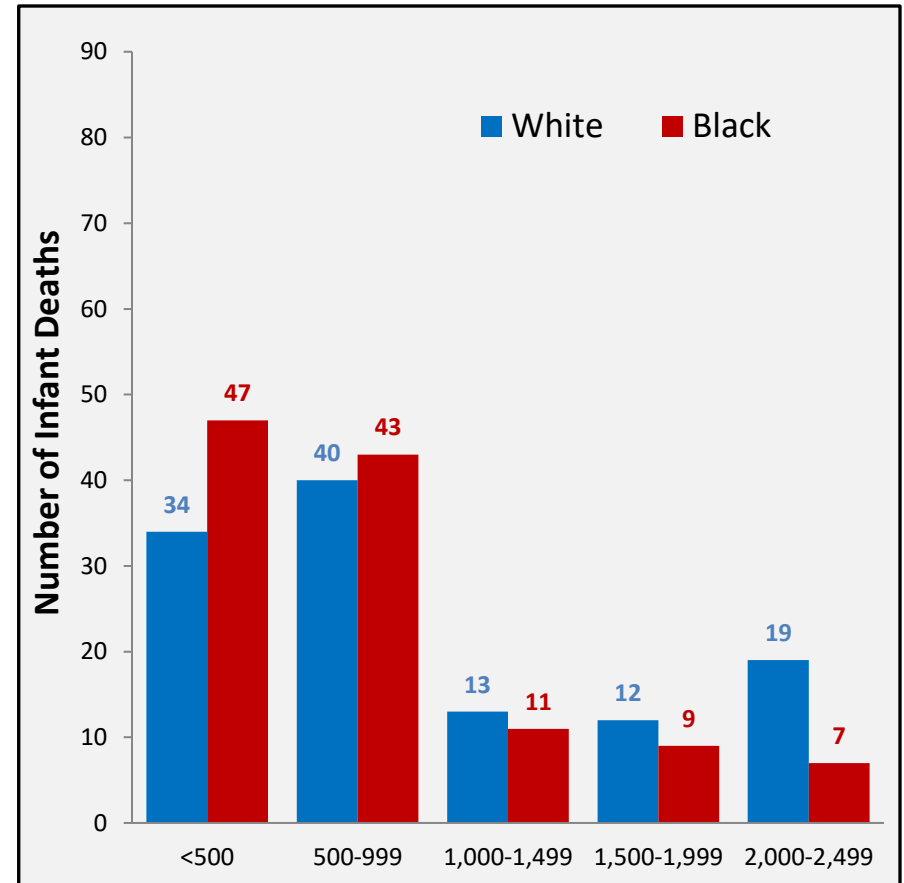
*Preterm birth is a live birth occurring before the 37th week of gestation.

NUMBER OF INFANT DEATHS WITH PRETERM BIRTHS BY RACE OF INFANT AND BIRTH WEIGHT ALABAMA, 2022 vs. 2023

2022



2023

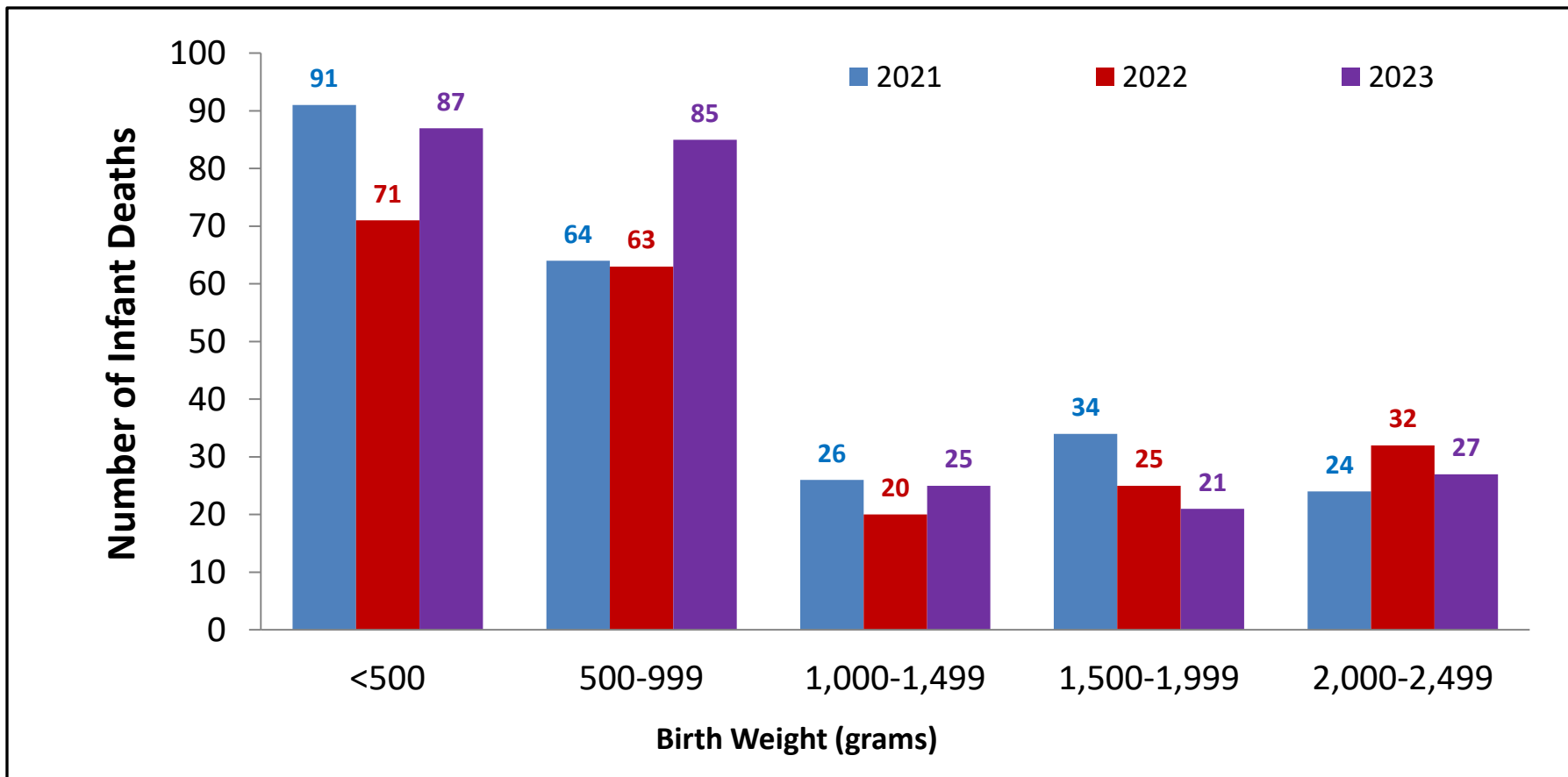


Birth Weight (grams)

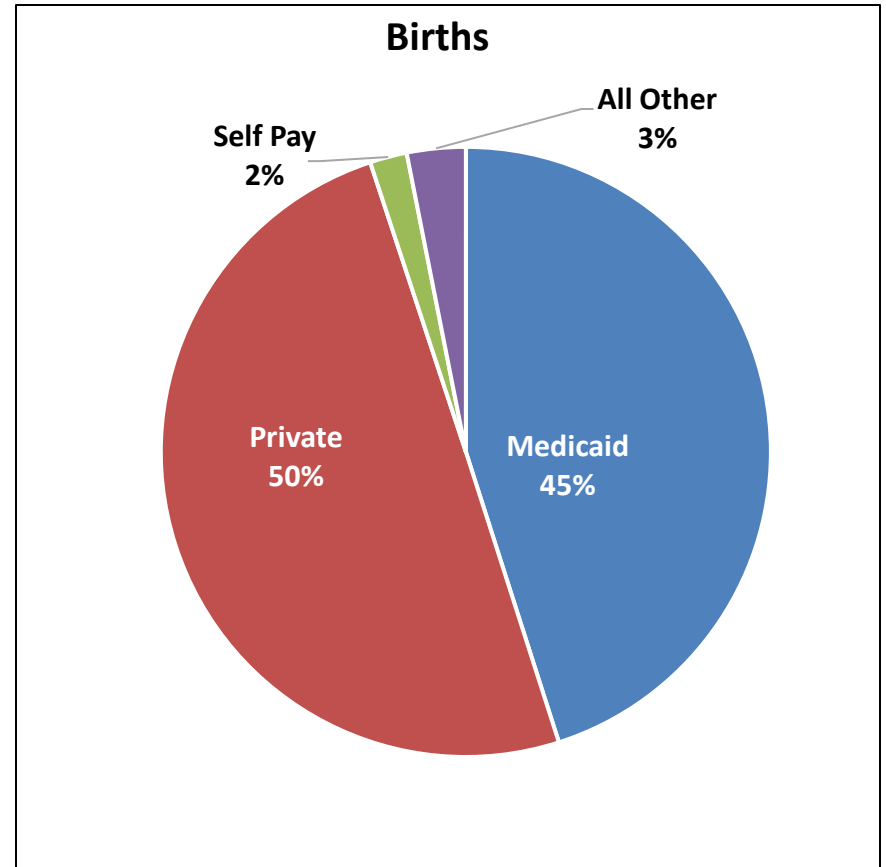
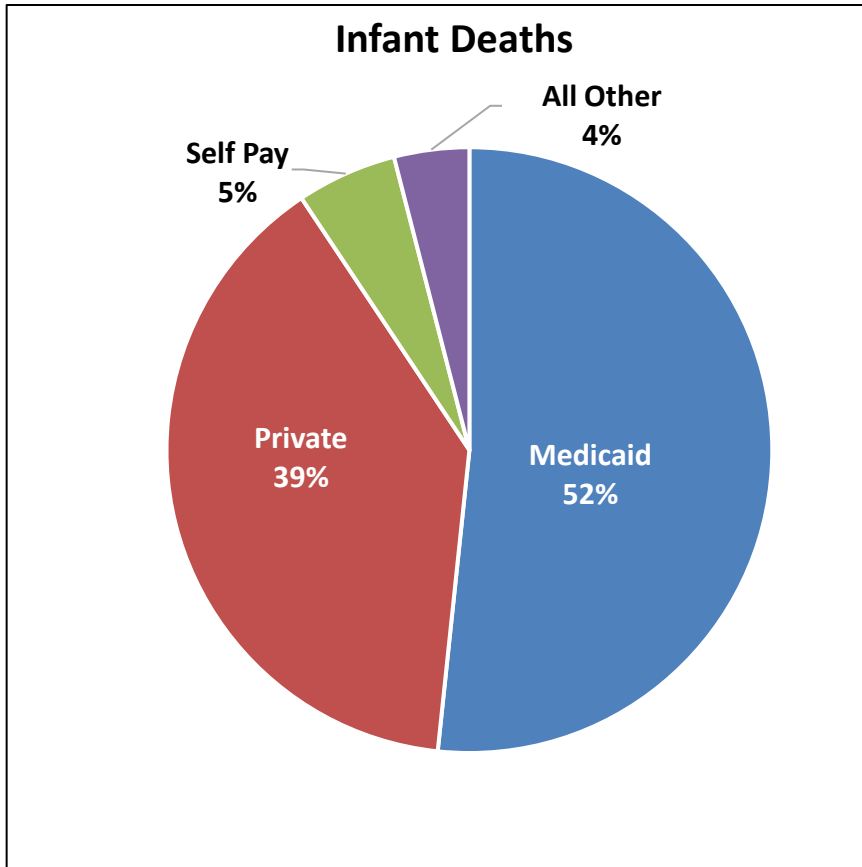
Birth Weight (grams)

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

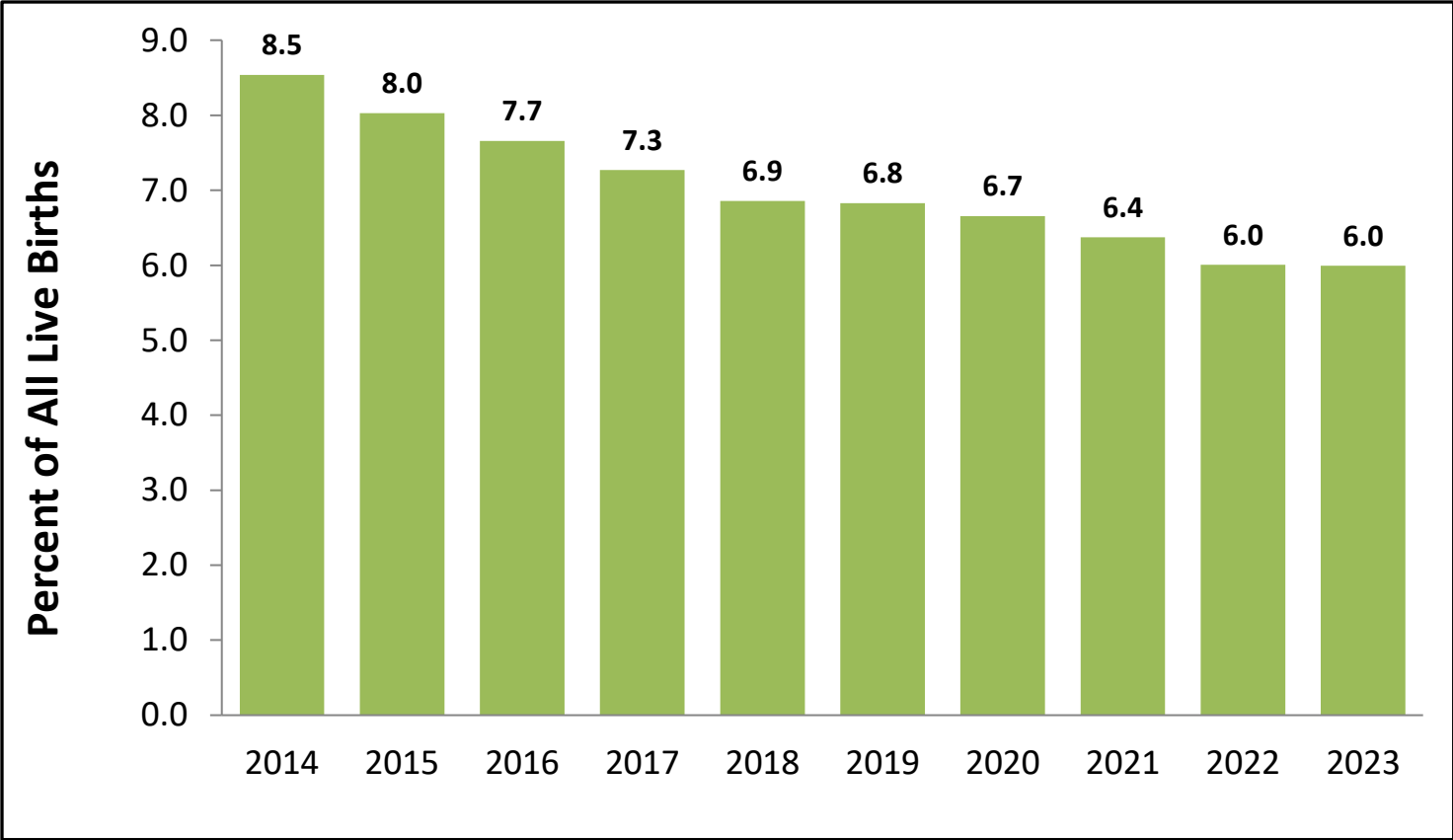
NUMBER OF INFANT DEATHS WITH PRETERM BIRTHS BY BIRTH WEIGHT ALABAMA, 2021-2023



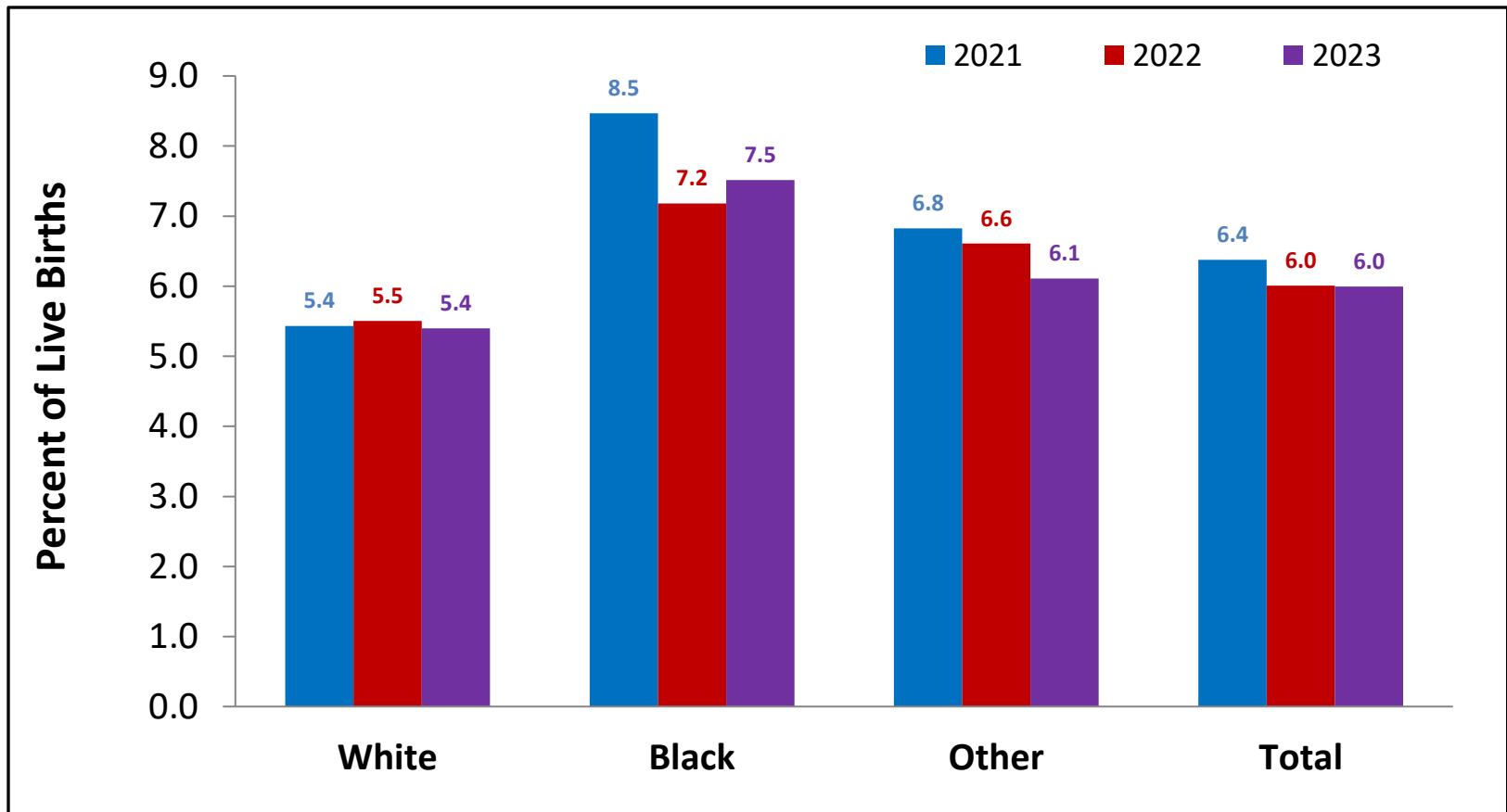
INFANT DEATHS AND BIRTHS BY PAYMENT SOURCE AT BIRTH ALABAMA, 2023



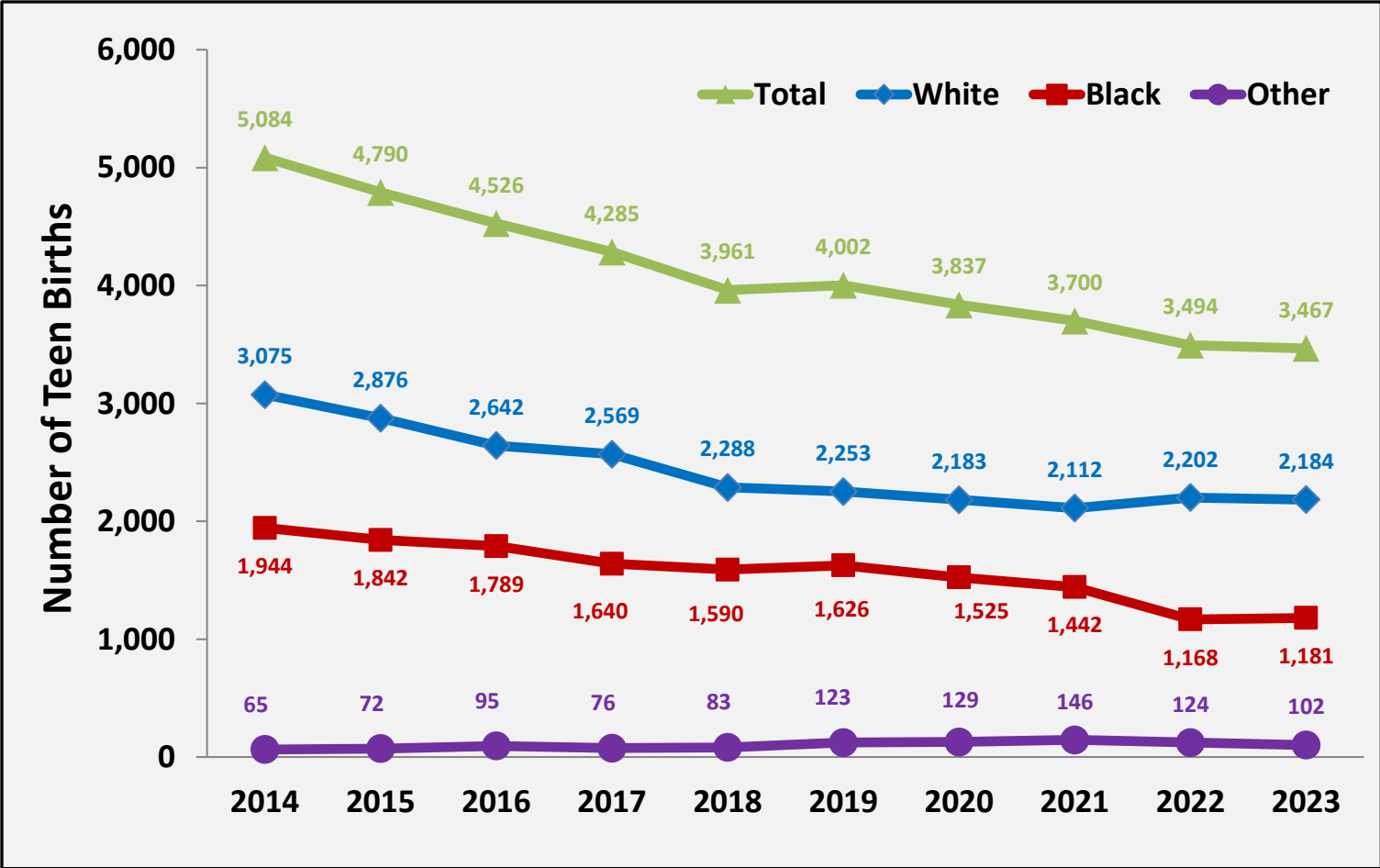
PERCENT OF BIRTHS TO TEENAGERS (AGES 10-19) ALABAMA, 2014-2023



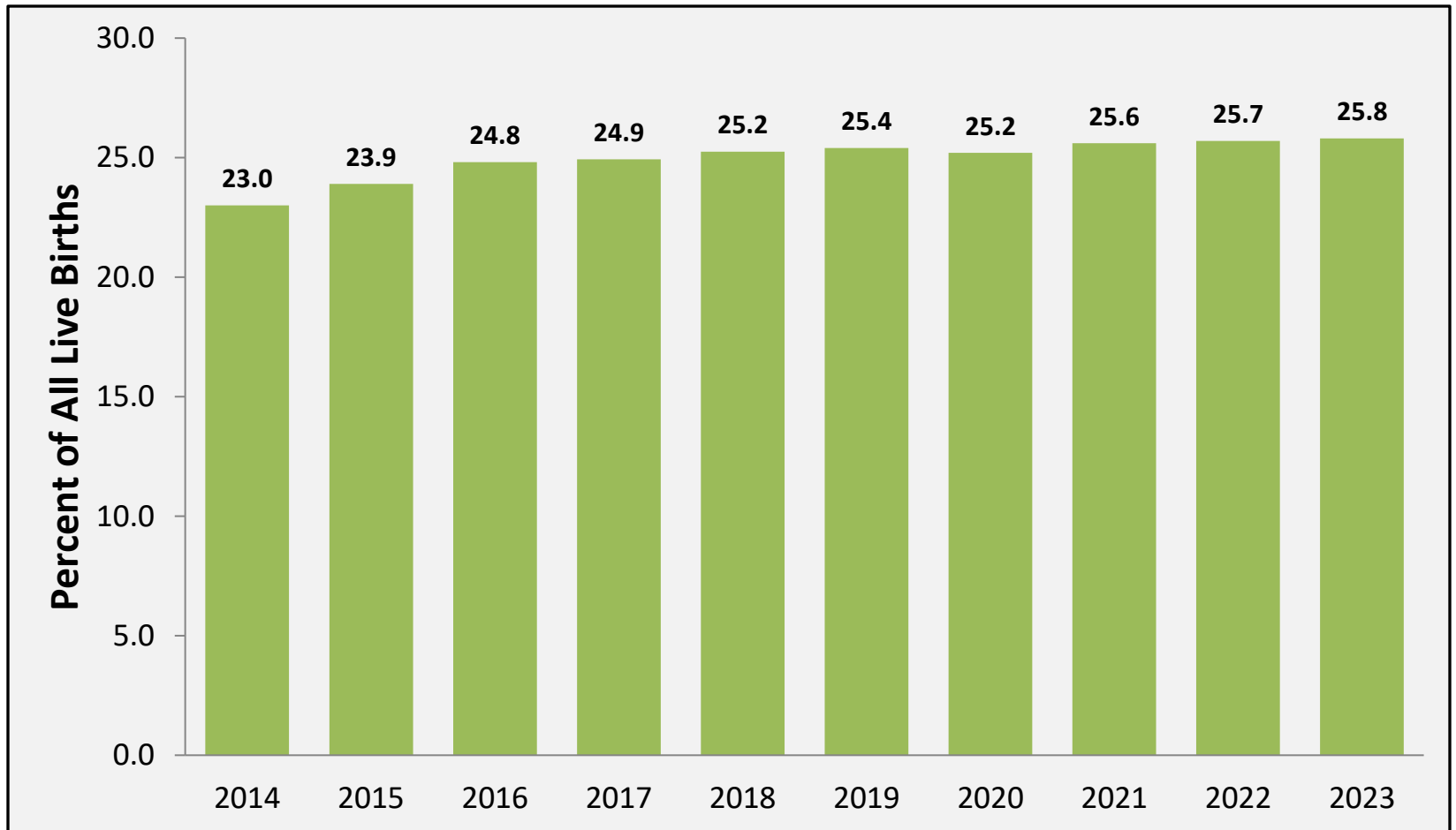
PERCENT OF BIRTHS TO TEENAGERS (AGES 10-19) BY RACE ALABAMA, 2021-2023



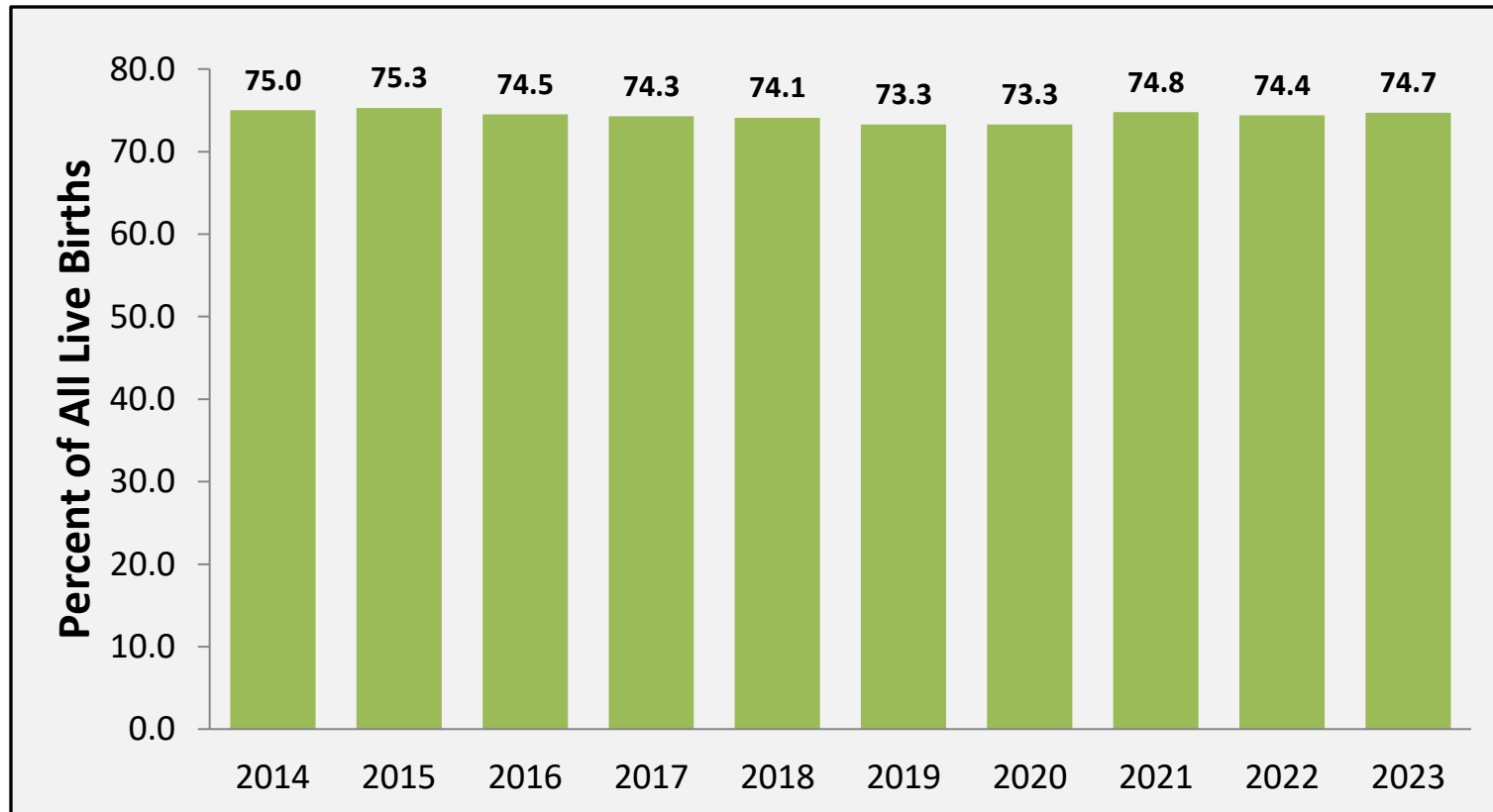
NUMBER OF BIRTHS TO TEENAGERS (AGES 10-19) ALABAMA, 2014-2023



PERCENT OF BIRTHS WITH A BIRTH INTERVAL LESS THAN 2 YEARS ALABAMA, 2014-2023

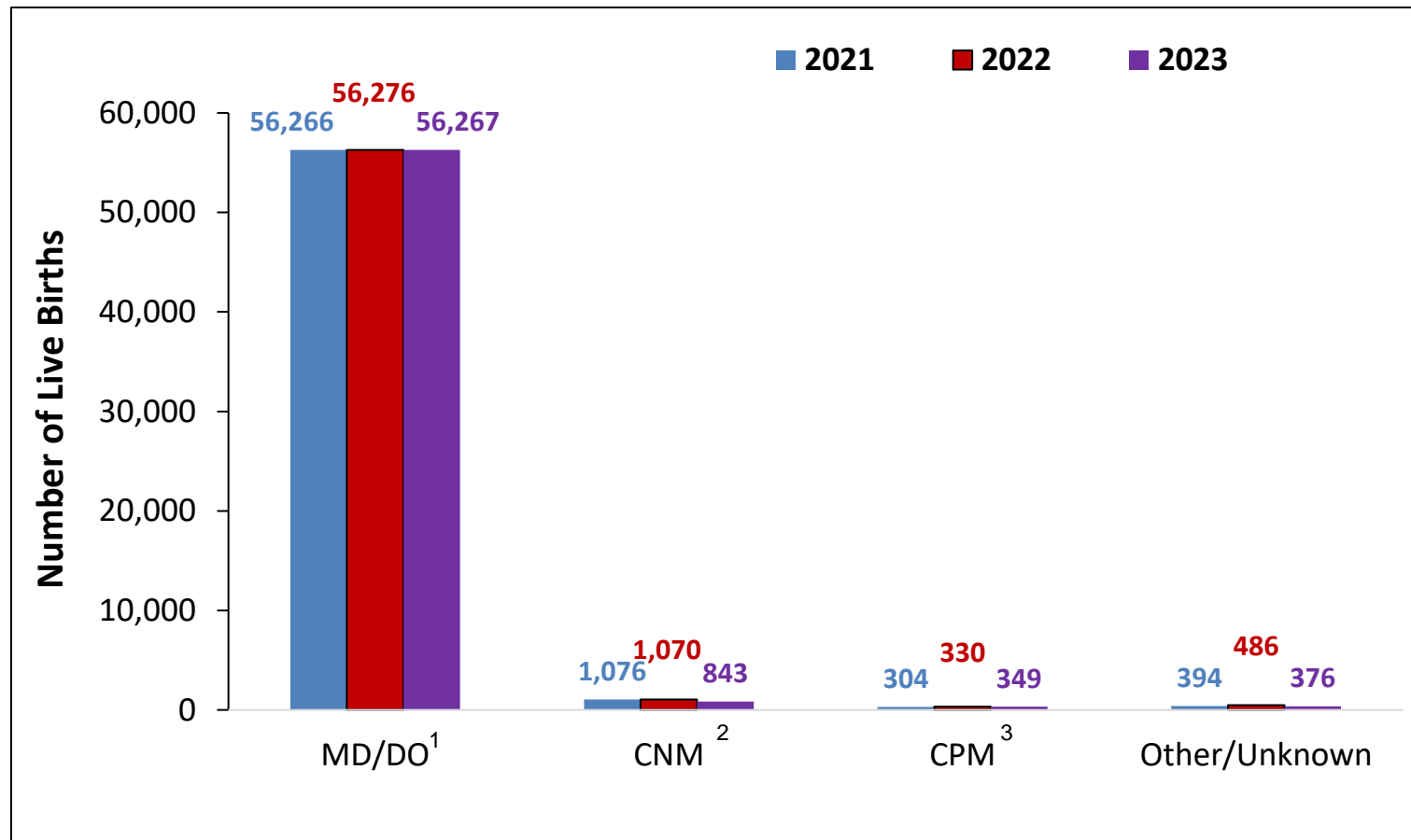


PERCENT OF BIRTHS WITH ADEQUATE PRENATAL CARE¹ ALABAMA, 2014-2023



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

NUMBER OF BIRTHS BY ATTENDANT ALABAMA, 2021-2023



¹Medical Doctor/Doctor of Osteopathy

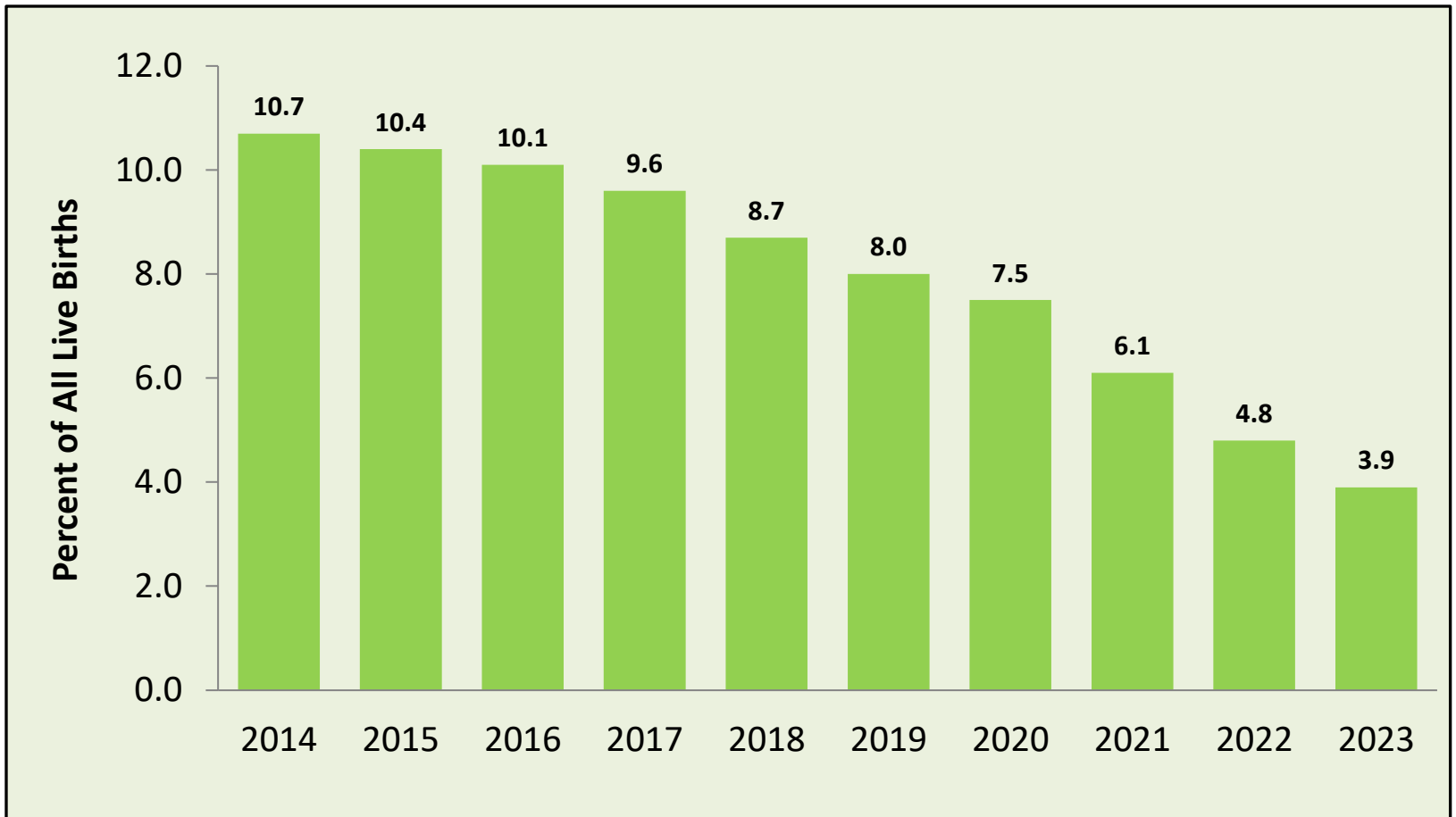
²Certified Nurse Midwife

³Certified Professional Midwife

PERCENT OF BIRTHS WITH NO PRENATAL CARE ALABAMA, 2014-2023



PERCENT OF BIRTHS WITH MATERNAL SMOKING ALABAMA, 2014-2023



INFANT MORTALITY RATES BY INFANT AGE

ALABAMA vs. UNITED STATES

Alabama

Change was significant from 2022-2023 for the following indicators:

- Infant Mortality¹ (6.7 to 7.8)
- Neonatal Mortality² (3.6 to 4.9)

Change was not significant from 2022-2023 for the following indicator:

- Postneonatal Mortality³ (3.1 to 2.9)

United States

Change was not significant when comparing final 2022 data and provisional 2023 data for the following indicators:

- Infant mortality¹ (5.6 to 5.6)
- Neonatal Mortality² (3.6 to 3.7)
- Postneonatal Mortality³ (2.0 to 2.0)

<https://www.cdc.gov/nchs/nvss/vsrr/infant-mortality-dashboard.htm>

¹ Infant Mortality Rate is the number of deaths of infants in the first year of life per 1,000 live births.

² Neonatal Mortality Rate is the number of deaths of infants aged 0 to 27 days of life per 1,000 live births.

³ Postneonatal Mortality Rate is the number of deaths of infants aged 28 to 364 days of life per 1,000 live births.

LEADING CAUSES OF INFANT DEATHS ALABAMA, 2023

- 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 41.4% of infant deaths.

LEADING CAUSES OF INFANT DEATHS

ALABAMA, 2023

Leading Causes of Infant Deaths	Number of Infant Deaths				Percent ¹		
	White	Black	Other	Total	AL (2023)	AL (2022)	US ² (2022)
Congenital malformations, deformations and abnormalities (Q00-Q99)	68	24	1	93	20.7	17.6	19.5
Disorders related to short gestation and LBW, not elsewhere classified (P07)	26	36	2	64	14.3	9.7	14.0
Sudden infant death syndrome (R95)	14	12	3	29	6.5	12.0	7.4
Bacterial sepsis of newborn (P36)	11	9	2	22	4.9	4.3	3.1
Unintentional injuries (V01-X59)	8	7	0	15	3.3	5.4	6.6
Newborn affected by maternal complications of pregnancy (P01)	7	6	0	13	2.9	3.6	5.9

¹ Percent of total infant deaths

² Most current national data is for year 2022.

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

ALABAMA, 2021, 2022, 2023, AND 2021-2023 COMBINED

COUNTY OF RESIDENCE	2021		2022		2023		COUNTY OF RESIDENCE	2021-2023	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	443	7.6	391	6.7	449	7.8	Total	1,283	7.4
Autauga	7	10.1	8	11.0	7	9.8	Autauga	22	10.3
Baldwin	17	6.8	14	5.5	14	5.6	Baldwin	45	6.0
Barbour	2	7.3	1	3.7	2	7.4	Barbour	5	6.1
Bibb	3	13.0	0	0.0	4	16.7	Bibb	7	9.8
Blount	8	11.6	4	5.8	2	3.0	Blount	14	6.8
Bullock	3	28.3	0	0.0	1	10.0	Bullock	4	13.2
Butler	1	4.6	3	15.1	2	10.4	Butler	6	9.9
Calhoun	14	10.5	5	3.7	15	11.9	Calhoun	34	8.7
Chambers	4	10.1	1	2.5	4	9.5	Chambers	9	7.4
Cherokee	3	11.8	1	4.5	0	0.0	Cherokee	4	5.8
Chilton	3	5.6	3	5.4	4	6.8	Chilton	10	6.0
Choctaw	1	7.6	1	7.6	1	7.7	Choctaw	3	7.6
Clarke	1	3.6	4	13.4	3	12.0	Clarke	8	9.7
Clay	0	0.0	0	0.0	0	0.0	Clay	0	0.0
Cleburne	1	5.6	0	0.0	4	23.4	Cleburne	5	9.2
Coffee	4	6.1	4	5.8	0	0.0	Coffee	8	4.0
Colbert	5	7.7	3	4.9	5	7.7	Colbert	13	6.8
Conecuh	1	7.4	2	15.3	1	8.6	Conecuh	4	10.5
Coosa	0	0.0	0	0.0	0	0.0	Coosa	0	0.0
Covington	2	4.7	1	2.5	2	4.5	Covington	5	3.9
Crenshaw	1	6.5	0	0.0	2	11.1	Crenshaw	3	6.1
Cullman	5	4.9	2	2.0	1	1.0	Cullman	8	2.6
Dale	3	4.3	2	2.9	5	7.9	Dale	10	5.0
Dallas	4	9.1	1	2.4	1	2.4	Dallas	6	4.7
DeKalb	2	2.4	7	8.5	3	3.5	DeKalb	12	4.8
Elmore	7	7.4	4	4.4	4	4.4	Elmore	15	5.4
Escambia	4	9.4	3	6.9	2	4.8	Escambia	9	7.1
Etowah	7	6.2	3	2.6	10	8.6	Etowah	20	5.8
Fayette	1	5.3	2	12.0	0	0.0	Fayette	3	5.7
Franklin	1	2.3	2	4.7	3	6.9	Franklin	6	4.6
Geneva	1	3.5	3	10.1	2	6.8	Geneva	6	6.8
Greene	0	0.0	0	0.0	2	24.4	Greene	2	7.9
Hale	2	9.7	3	13.9	4	19.5	Hale	9	14.4
Henry	0	0.0	2	11.5	1	5.6	Henry	3	5.7
Houston	10	7.5	6	4.8	17	13.3	Houston	33	8.5
Jackson	3	5.3	4	7.2	6	10.0	Jackson	13	7.6
Jefferson	71	8.8	73	9.4	80	10.2	Jefferson	224	9.5
Lamar	2	12.7	1	5.7	1	6.3	Lamar	4	8.1
Lauderdale	6	6.4	6	6.3	7	7.6	Lauderdale	19	6.8
Lawrence	3	7.5	0	0.0	1	2.9	Lawrence	4	3.6
Lee	14	7.4	10	5.0	10	5.0	Lee	34	5.8
Limestone	5	4.2	6	5.1	5	3.8	Limestone	16	4.3
Lowndes	3	22.1	0	0.0	0	0.0	Lowndes	3	8.5
Macon	2	11.1	1	7.0	0	0.0	Macon	3	6.0
Madison	25	5.8	19	4.2	26	5.7	Madison	70	5.2
Marengo	3	13.1	2	9.2	1	5.3	Marengo	6	9.5
Marion	1	3.2	1	3.1	1	3.0	Marion	3	3.1
Marshall	10	6.7	8	5.2	11	7.4	Marshall	29	6.4
Mobile	46	9.0	42	8.4	37	7.3	Mobile	125	8.2
Monroe	2	8.3	0	0.0	3	14.0	Monroe	5	7.4
Montgomery	31	10.1	30	10.2	29	10.3	Montgomery	90	10.2
Morgan	13	9.3	13	8.8	6	4.0	Morgan	32	7.3
Perry	1	11.9	2	20.4	0	0.0	Perry	3	11.7
Pickens	1	5.7	3	15.6	2	10.5	Pickens	6	10.8
Pike	2	5.8	5	13.4	1	2.7	Pike	8	7.4
Randolph	0	0.0	1	4.0	8	29.9	Randolph	9	11.7
Russell	5	6.2	5	6.3	9	12.2	Russell	19	8.1
St Clair	5	4.9	6	5.9	5	4.8	St Clair	16	5.2
Shelby	10	4.4	9	3.7	11	4.7	Shelby	30	4.2
Sumter	1	7.6	2	15.5	1	8.2	Sumter	4	10.4
Talladega	10	11.6	12	13.8	10	12.1	Talladega	32	12.5
Tallapoosa	1	2.4	4	11.1	3	7.5	Tallapoosa	8	6.8
Tuscaloosa	28	11.5	24	9.5	33	13.2	Tuscaloosa	85	11.3
Walker	5	6.6	4	4.8	10	12.7	Walker	19	8.0
Washington	3	16.2	0	0.0	1	5.7	Washington	4	7.2
Wilcox	1	8.5	1	8.8	1	9.1	Wilcox	3	8.8
Winston	2	9.3	2	7.3	2	7.6	Winston	6	8.0

*Rate is per 1,000 live births.

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

ALABAMA, 2021, 2022, 2023, AND 2021-2023 COMBINED

COUNTY OF RESIDENCE	2021		2022		2023		COUNTY OF RESIDENCE	2021-2023	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	226	5.8	174	4.3	229	5.7	Total	629	5.3
Autauga	4	7.8	5	9.2	4	7.4	Autauga	13	8.1
Baldwin	11	5.1	10	4.7	10	4.8	Baldwin	31	4.9
Barbour	0	0.0	0	0.0	0	0.0	Barbour	0	0.0
Bibb	1	5.6	0	0.0	3	16.3	Bibb	4	7.3
Blount	7	10.6	3	4.5	2	3.1	Blount	12	6.1
Bullock	0	0.0	0	0.0	0	0.0	Bullock	0	0.0
Butler	1	9.7	1	10.1	1	10.6	Butler	3	10.1
Calhoun	8	8.2	3	3.0	9	9.2	Calhoun	20	6.8
Chambers	4	16.1	1	4.0	1	3.9	Chambers	6	7.9
Cherokee	3	12.5	1	4.8	0	0.0	Cherokee	4	6.1
Chilton	3	6.4	2	4.1	3	5.8	Chilton	8	5.4
Choctaw	1	12.3	0	0.0	1	11.8	Choctaw	2	8.0
Clarke	1	7.9	0	0.0	0	0.0	Clarke	1	2.5
Clay	0	0.0	0	0.0	0	0.0	Clay	0	0.0
Cleburne	1	5.9	0	0.0	4	23.7	Cleburne	5	9.6
Coffee	3	6.1	1	1.9	0	0.0	Coffee	4	2.6
Colbert	3	5.6	3	5.8	4	7.5	Colbert	10	6.3
Conecuh	1	17.5	1	13.5	0	0.0	Conecuh	2	10.4
Coosa	0	0.0	0	0.0	0	0.0	Coosa	0	0.0
Covington	2	5.6	0	0.0	1	2.7	Covington	3	2.7
Crenshaw	1	8.8	0	0.0	2	15.0	Crenshaw	3	8.2
Cullman	4	4.0	2	2.1	1	1.0	Cullman	7	2.4
Dale	2	4.1	1	1.9	3	6.6	Dale	6	4.1
Dallas	0	0.0	0	0.0	1	8.8	Dallas	1	3.4
DeKalb	2	2.8	4	5.2	2	2.4	DeKalb	8	3.5
Elmore	4	5.6	2	2.9	3	4.2	Elmore	9	4.2
Escambia	3	10.9	3	10.5	1	3.9	Escambia	7	8.6
Etowah	3	3.4	3	3.2	4	4.3	Etowah	10	3.7
Fayette	1	6.2	2	13.3	0	0.0	Fayette	3	6.5
Franklin	1	2.6	1	2.5	3	7.1	Franklin	5	4.1
Geneva	0	0.0	2	7.2	1	3.8	Geneva	3	3.7
Greene	0	0.0	0	0.0	0	0.0	Greene	0	0.0
Hale	1	11.2	1	11.2	0	0.0	Hale	2	7.5
Henry	0	0.0	2	15.6	1	7.5	Henry	3	8.1
Houston	3	3.6	2	2.5	6	7.5	Houston	11	4.5
Jackson	3	5.7	3	5.6	6	10.5	Jackson	12	7.4
Jefferson	24	5.5	18	4.1	28	6.3	Jefferson	70	5.3
Lamar	2	14.2	0	0.0	1	7.2	Lamar	3	6.9
Lauderdale	4	5.0	3	3.6	6	7.3	Lauderdale	13	5.3
Lawrence	3	8.5	0	0.0	1	3.3	Lawrence	4	4.0
Lee	6	4.4	3	2.1	6	4.2	Lee	15	3.5
Limestone	5	4.9	5	4.8	3	2.6	Limestone	13	4.1
Lowndes	1	40.0	0	0.0	0	0.0	Lowndes	1	13.0
Macon	0	0.0	0	0.0	0	0.0	Macon	0	0.0
Madison	13	4.3	6	1.9	11	3.3	Madison	30	3.2
Marengo	1	9.6	0	0.0	0	0.0	Marengo	1	3.5
Marion	1	3.4	1	3.2	1	3.2	Marion	3	3.3
Marshall	10	8.9	6	4.9	10	7.5	Marshall	26	7.0
Mobile	25	8.9	19	6.9	18	6.3	Mobile	62	7.4
Monroe	1	9.2	0	0.0	2	15.0	Monroe	3	8.1
Montgomery	6	6.3	3	3.1	7	7.1	Montgomery	16	5.5
Morgan	5	4.3	9	7.2	3	2.3	Morgan	17	4.6
Perry	0	0.0	0	0.0	0	0.0	Perry	0	0.0
Pickens	1	9.5	0	0.0	0	0.0	Pickens	1	3.1
Pike	1	5.6	0	0.0	1	4.8	Pike	2	3.4
Randolph	0	0.0	1	4.8	3	13.7	Randolph	4	6.3
Russell	2	4.4	5	11.3	3	7.6	Russell	10	7.8
St Clair	4	4.4	4	4.4	4	4.4	St Clair	12	4.4
Shelby	5	2.7	5	2.5	6	3.1	Shelby	16	2.7
Sumter	0	0.0	1	29.4	0	0.0	Sumter	1	10.8
Talladega	5	9.3	9	15.5	5	9.0	Talladega	19	11.4
Tallapoosa	0	0.0	2	8.5	3	11.0	Tallapoosa	5	6.4
Tuscaloosa	11	8.5	9	6.4	19	13.0	Tuscaloosa	39	9.3
Walker	5	7.2	4	5.6	7	10.3	Walker	16	7.7
Washington	1	7.7	0	0.0	1	8.3	Washington	2	5.2
Wilcox	0	0.0	0	0.0	1	35.7	Wilcox	1	13.2
Winston	2	9.5	2	7.5	2	7.8	Winston	6	8.2

*Rate is per 1,000 live births.

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

ALABAMA, 2021, 2022, 2023, AND 2021-2023 COMBINED

COUNTY OF RESIDENCE	2021		2022		2023		COUNTY OF RESIDENCE	2021-2023	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
Total	217	11.3	217	12.0	220	12.7	Total	654	12.0
Autauga	3	16.7	3	16.2	3	17.2	Autauga	9	16.7
Baldwin	6	16.7	4	10.2	4	9.8	Baldwin	14	12.1
Barbour	2	13.5	1	7.4	2	15.0	Barbour	5	12.0
Bibb	2	37.7	0	0.0	1	18.2	Bibb	3	18.1
Blount	1	37.0	1	43.5	0	0.0	Blount	2	25.6
Bullock	3	35.3	0	0.0	1	20.4	Bullock	4	19.1
Butler	0	0.0	2	20.0	1	10.2	Butler	3	9.6
Calhoun	6	17.0	2	5.6	6	21.3	Calhoun	14	14.1
Chambers	0	0.0	0	0.0	3	18.2	Chambers	3	6.4
Cherokee	0	0.0	0	0.0	0	0.0	Cherokee	0	0.0
Chilton	0	0.0	1	16.7	1	13.9	Chilton	2	10.2
Choctaw	0	0.0	1	20.4	0	0.0	Choctaw	1	6.9
Clarke	0	0.0	4	28.4	3	22.7	Clarke	7	16.4
Clay	0	0.0	0	0.0	0	0.0	Clay	0	0.0
Cleburne	0	0.0	0	0.0	0	0.0	Cleburne	0	0.0
Coffee	1	6.1	3	18.0	0	0.0	Coffee	4	8.4
Colbert	2	18.5	0	0.0	1	8.8	Colbert	3	9.4
Conecuh	0	0.0	1	17.5	1	18.2	Conecuh	2	10.5
Coosa	0	0.0	0	0.0	0	0.0	Coosa	0	0.0
Covington	0	0.0	1	21.7	1	14.9	Covington	2	11.2
Crenshaw	0	0.0	0	0.0	0	0.0	Crenshaw	0	0.0
Cullman	1	45.5	0	0.0	0	0.0	Cullman	1	13.5
Dale	1	4.8	1	6.1	2	11.2	Dale	4	7.2
Dallas	4	11.5	1	3.1	0	0.0	Dallas	5	5.1
DeKalb	0	0.0	3	46.9	1	34.5	DeKalb	4	18.3
Elmore	3	12.6	2	9.2	1	5.5	Elmore	6	9.4
Escambia	1	6.6	0	0.0	1	6.4	Escambia	2	4.4
Etowah	4	15.3	0	0.0	6	25.0	Etowah	10	13.6
Fayette	0	0.0	0	0.0	0	0.0	Fayette	0	0.0
Franklin	0	0.0	1	32.3	0	0.0	Franklin	1	11.5
Geneva	1	34.5	1	47.6	1	33.3	Geneva	3	37.5
Greene	0	0.0	0	0.0	2	27.0	Greene	2	9.2
Hale	1	8.5	2	15.7	4	34.2	Hale	7	19.4
Henry	0	0.0	0	0.0	0	0.0	Henry	0	0.0
Houston	7	13.9	4	8.5	11	23.2	Houston	22	15.2
Jackson	0	0.0	1	40.0	0	0.0	Jackson	1	11.0
Jefferson	47	12.7	55	16.2	52	15.2	Jefferson	154	14.6
Lamar	0	0.0	1	62.5	0	0.0	Lamar	1	18.5
Lauderdale	2	14.8	3	26.8	1	10.4	Lauderdale	6	17.5
Lawrence	0	0.0	0	0.0	0	0.0	Lawrence	0	0.0
Lee	8	14.8	7	13.5	4	7.3	Lee	19	11.8
Limestone	0	0.0	1	6.9	2	11.3	Limestone	3	6.2
Lowndes	2	18.0	0	0.0	0	0.0	Lowndes	2	7.2
Macon	2	14.2	1	8.6	0	0.0	Macon	3	7.8
Madison	12	9.0	13	9.2	15	11.9	Madison	40	10.0
Marengo	2	16.0	2	17.7	1	8.8	Marengo	5	14.2
Marion	0	0.0	0	0.0	0	0.0	Marion	0	0.0
Marshall	0	0.0	2	6.4	1	7.3	Marshall	3	3.7
Mobile	21	9.2	23	10.2	19	8.6	Mobile	63	9.3
Monroe	1	7.6	0	0.0	1	12.3	Monroe	2	6.6
Montgomery	25	11.8	27	13.8	22	12.1	Montgomery	74	12.6
Morgan	8	34.0	4	16.9	3	14.0	Morgan	15	21.9
Perry	1	13.7	2	25.3	0	0.0	Perry	3	14.4
Pickens	0	0.0	3	34.1	2	25.6	Pickens	5	21.1
Pike	1	6.0	5	29.2	0	0.0	Pike	6	12.1
Randolph	0	0.0	0	0.0	5	102.0	Randolph	5	37.3
Russell	3	8.5	0	0.0	6	17.3	Russell	9	8.5
St Clair	1	8.2	2	19.4	1	7.7	St Clair	4	11.3
Shelby	5	11.5	4	9.8	5	12.3	Shelby	14	11.2
Sumter	1	9.8	1	10.5	1	10.8	Sumter	3	10.3
Talladega	5	15.3	3	10.3	5	18.3	Talladega	13	14.6
Tallapoosa	1	6.8	2	15.9	0	0.0	Tallapoosa	3	7.5
Tuscaloosa	17	14.8	15	13.4	14	13.5	Tuscaloosa	46	13.9
Walker	0	0.0	0	0.0	3	26.8	Walker	3	10.7
Washington	2	36.4	0	0.0	0	0.0	Washington	2	12.0
Wilcox	1	10.6	1	11.2	0	0.0	Wilcox	2	7.5
Winston	0	0.0	0	0.0	0	0.0	Winston	0	0.0

*Rate is per 1,000 live births.

