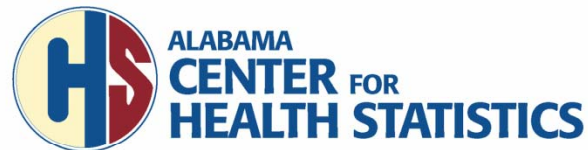


INFANT MORTALITY

ALABAMA 2015

ALABAMA DEPARTMENT OF PUBLIC HEALTH
CENTER FOR HEALTH STATISTICS

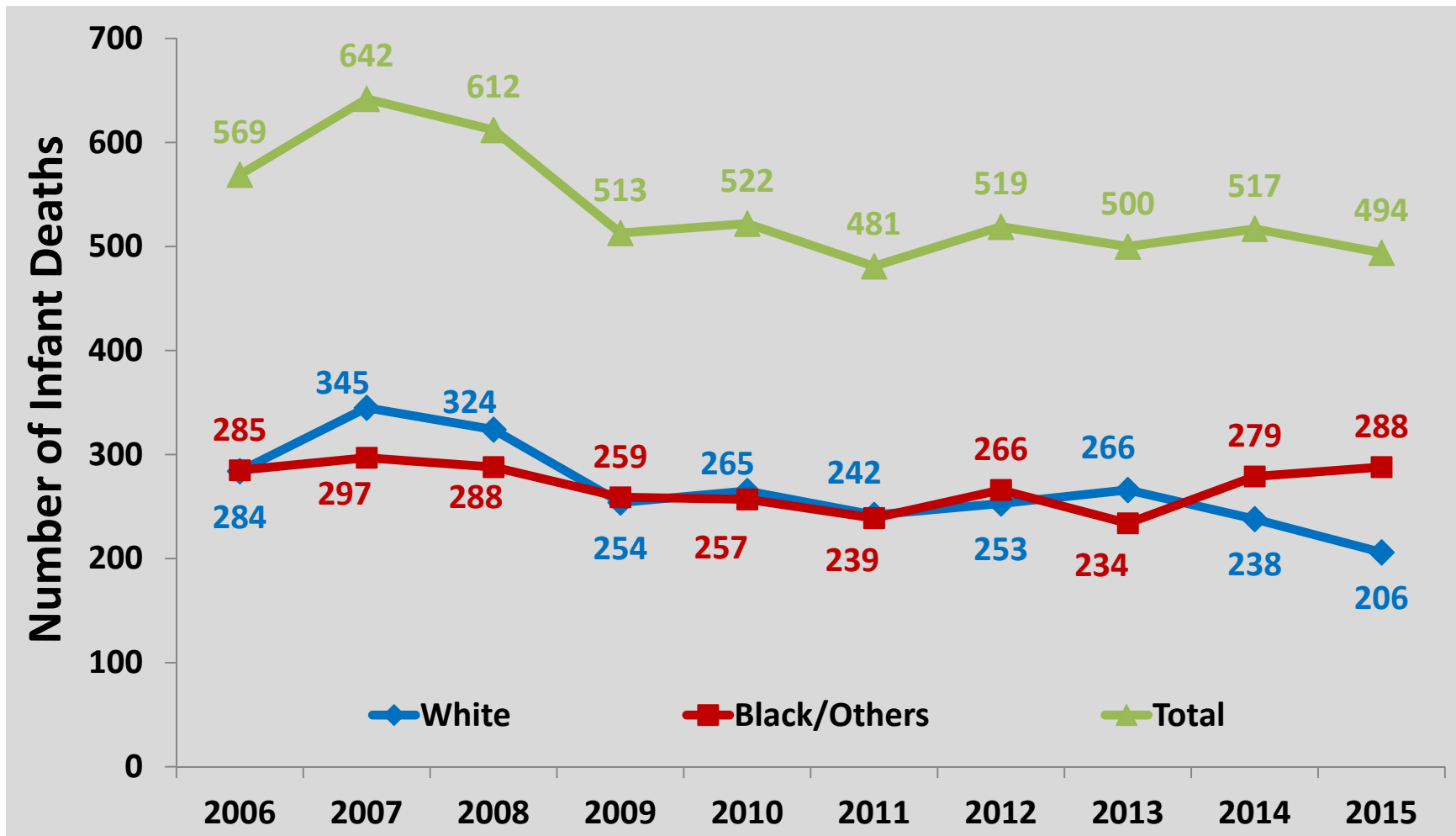


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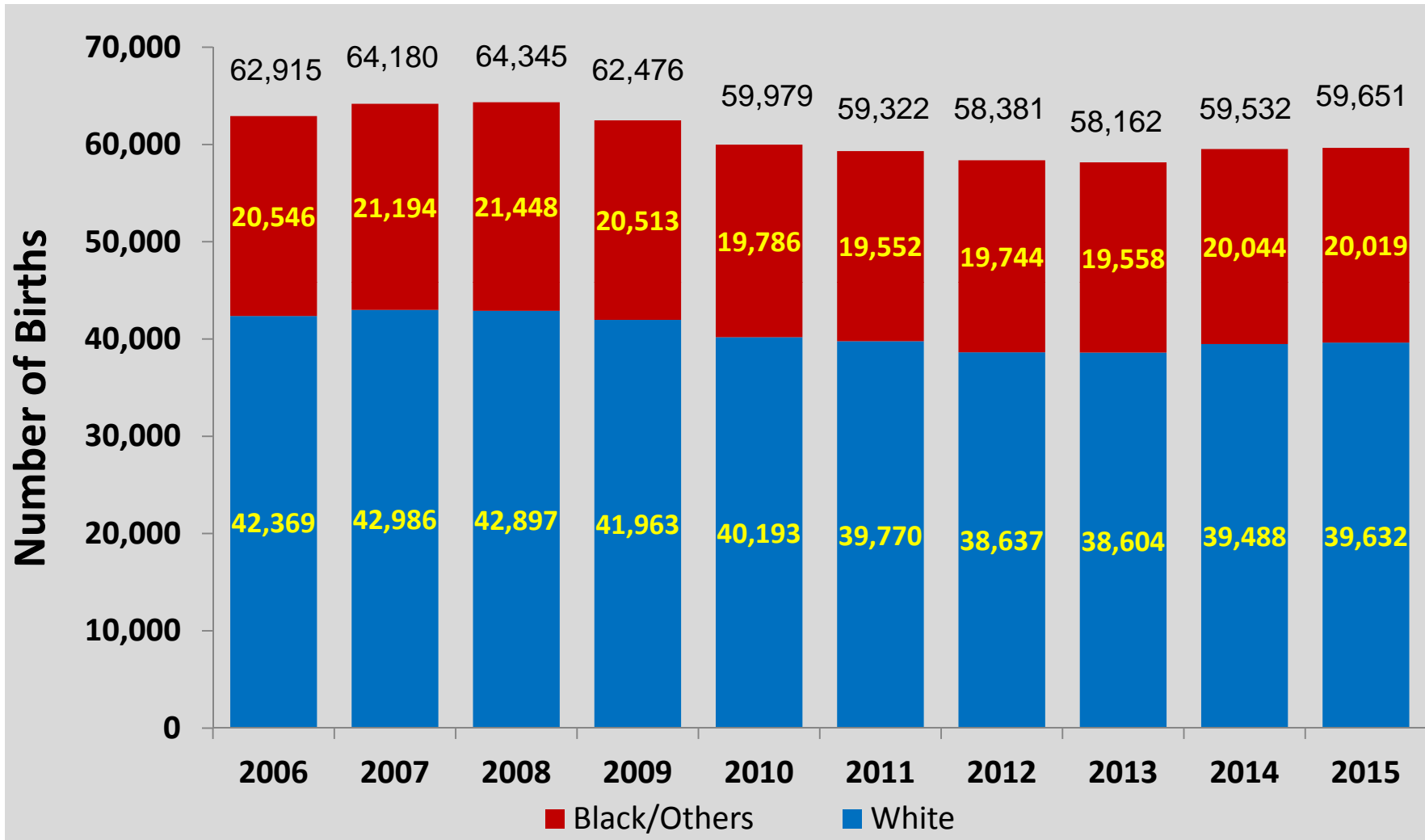
INFANT MORTALITY RATES ALABAMA, 2006-2015



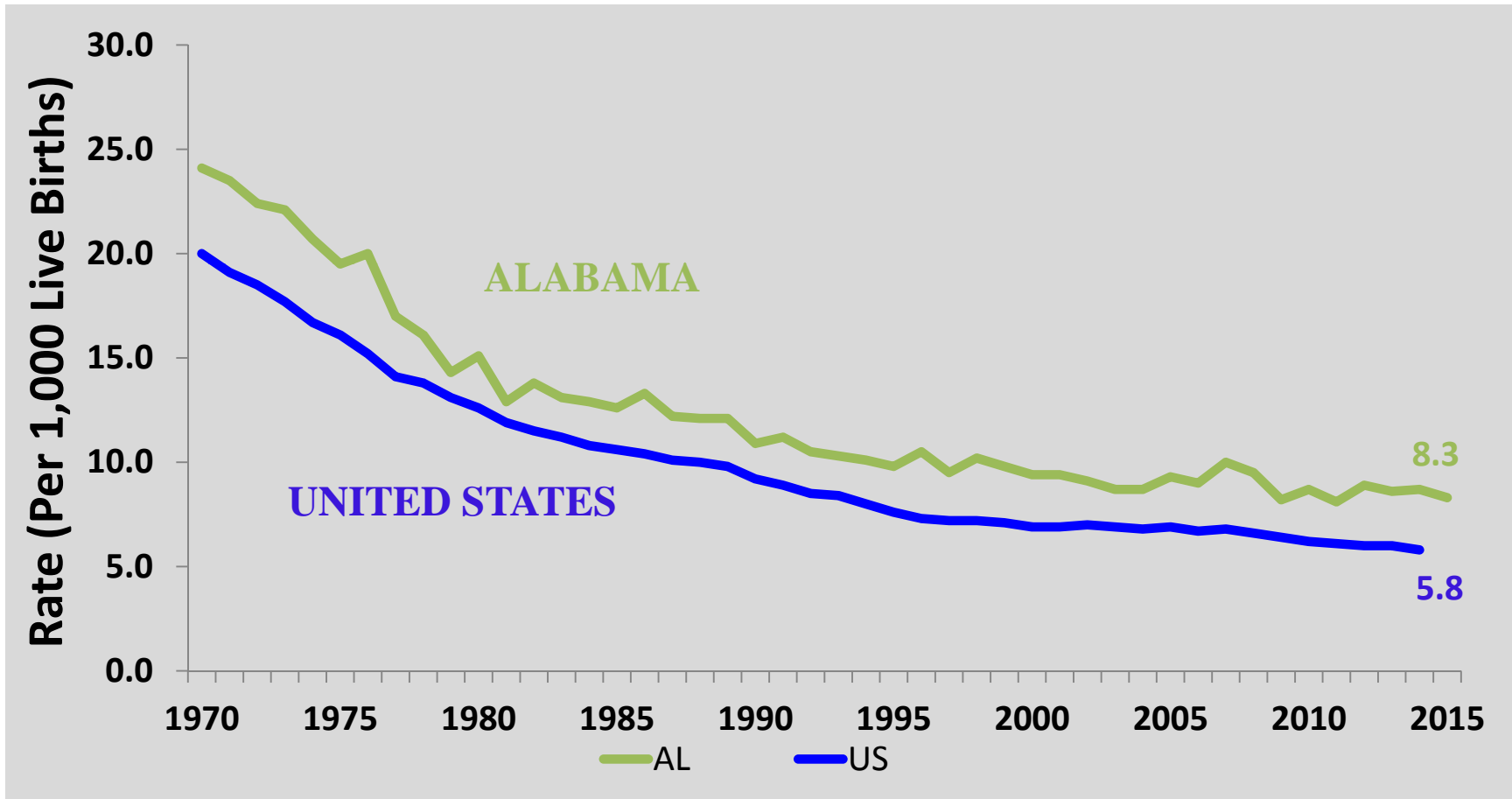
NUMBER OF INFANT DEATHS ALABAMA, 2006-2015



NUMBER OF BIRTHS ALABAMA, 2006-2015

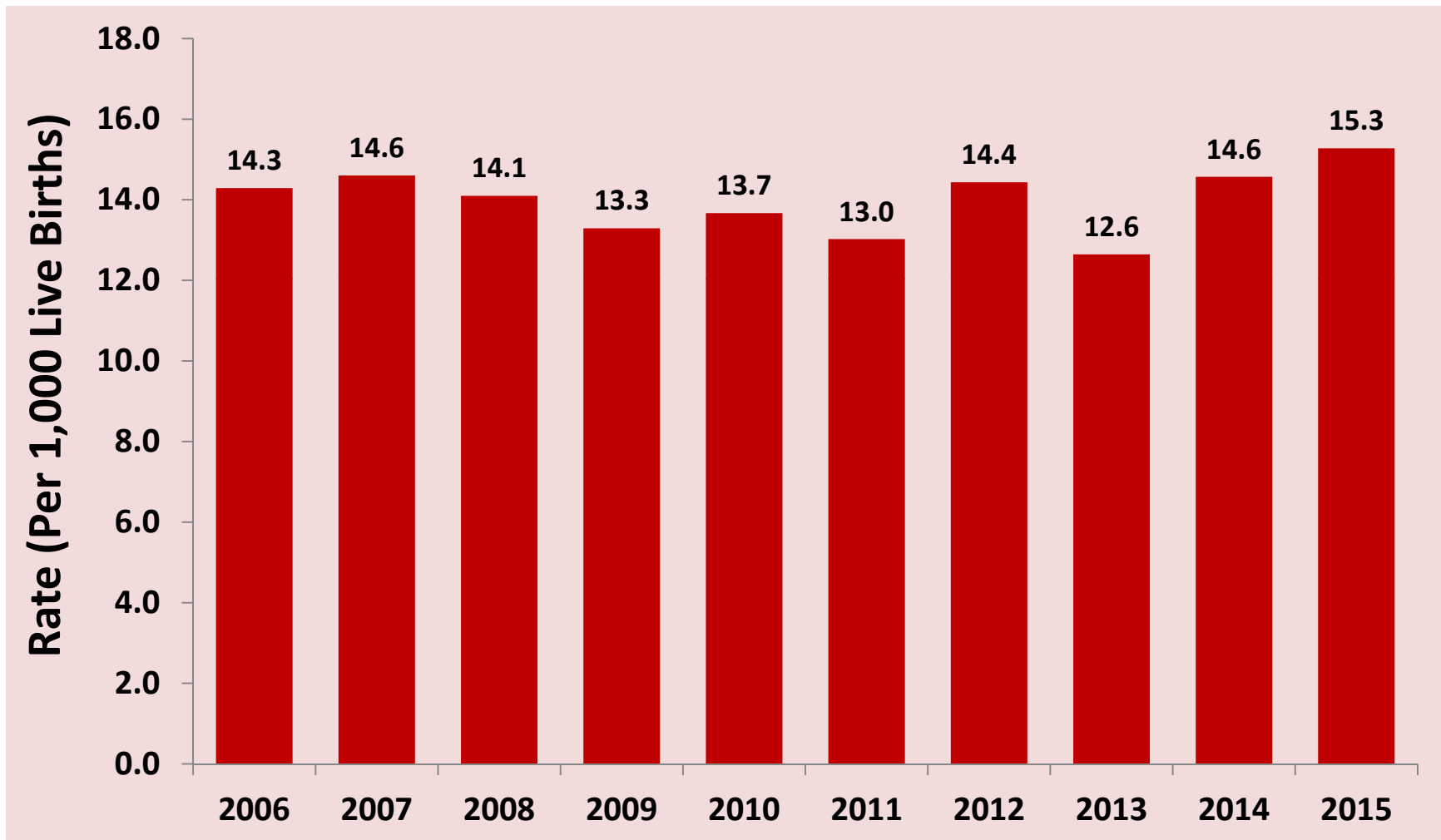


INFANT MORTALITY RATES ALABAMA AND UNITED STATES¹, 1970-2015

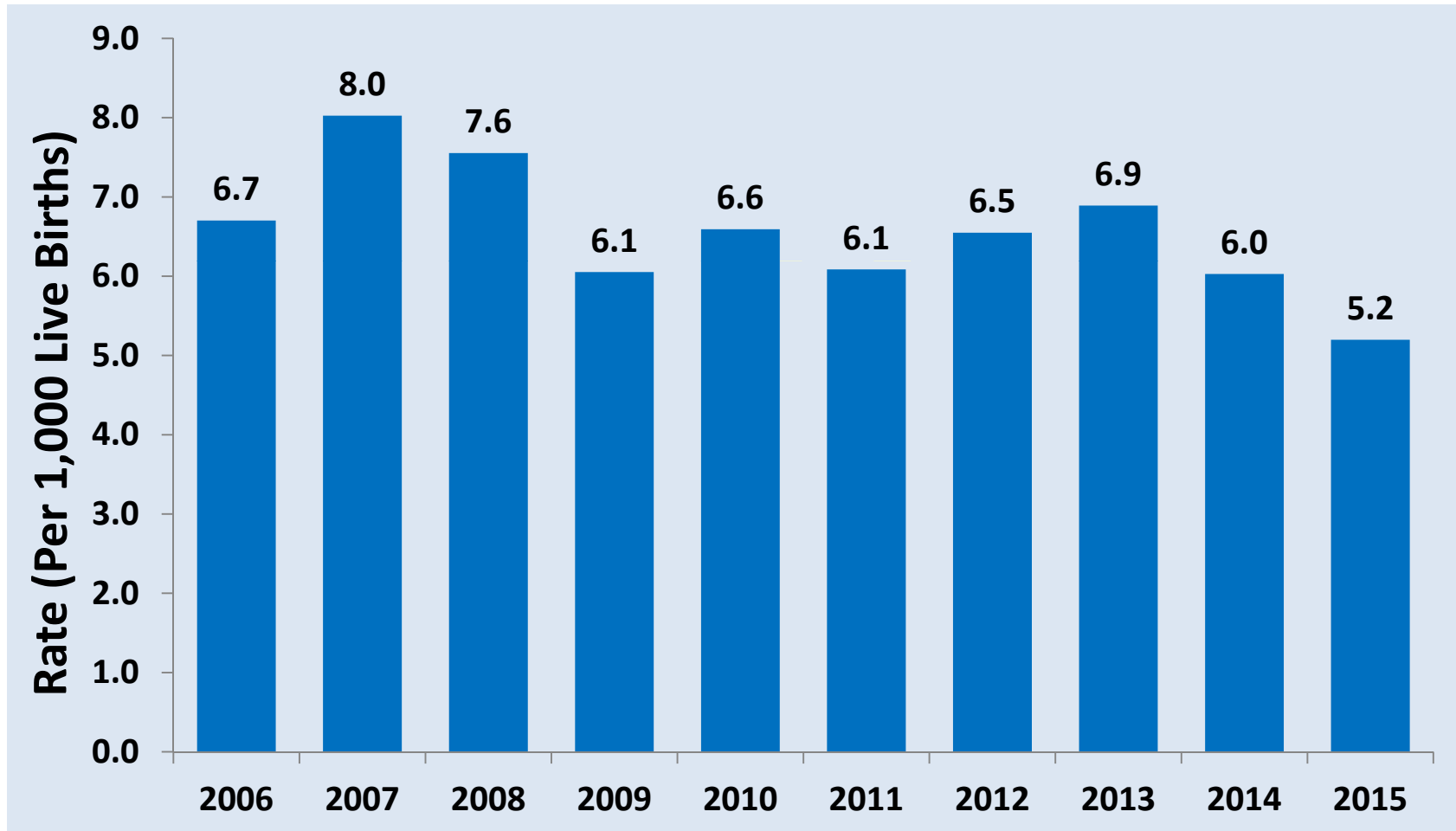


¹ 2015 US rate is not available.

INFANT MORTALITY RATES, BLACK INFANTS ALABAMA, 2006-2015

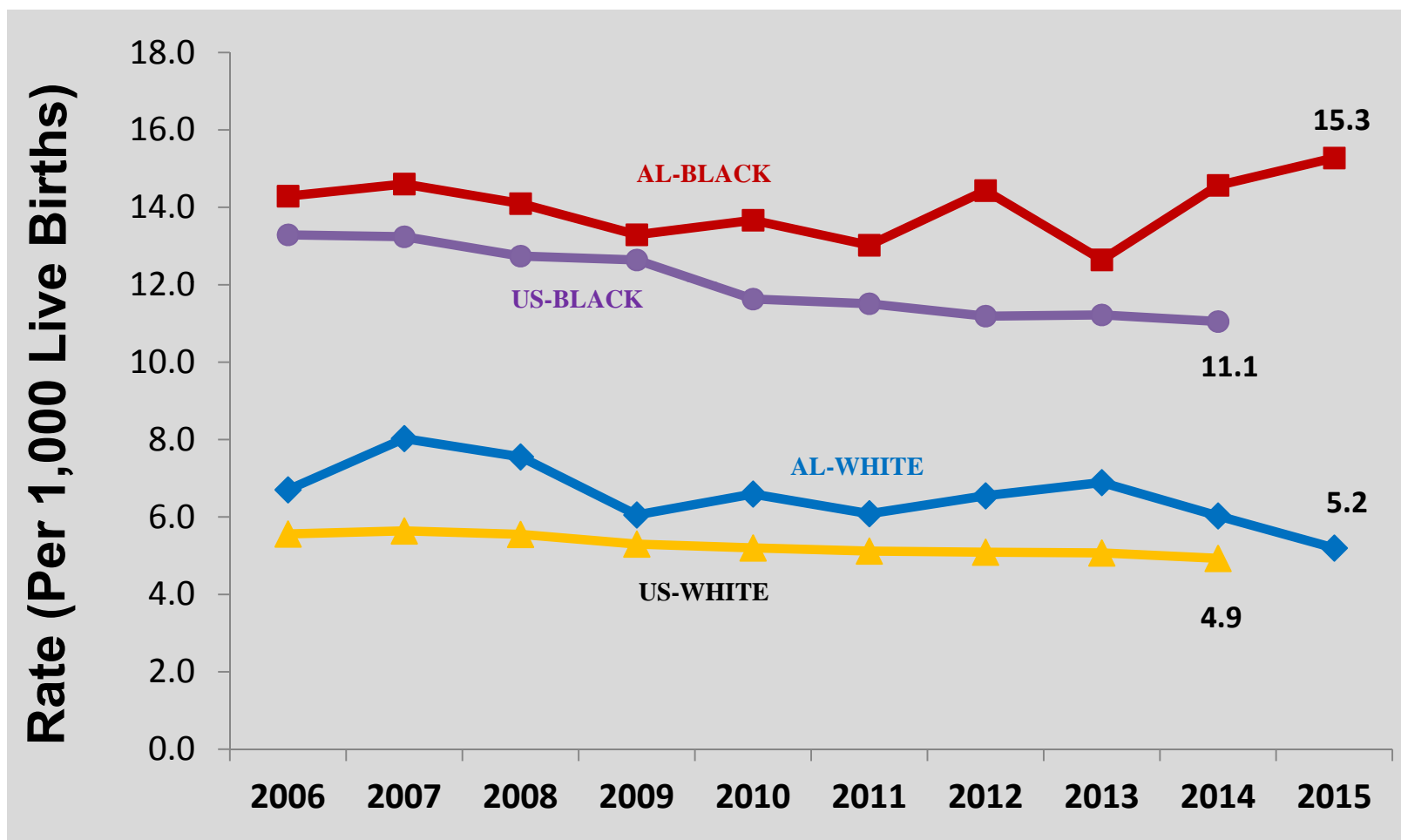


INFANT MORTALITY RATES, WHITE INFANTS ALABAMA, 2006-2015



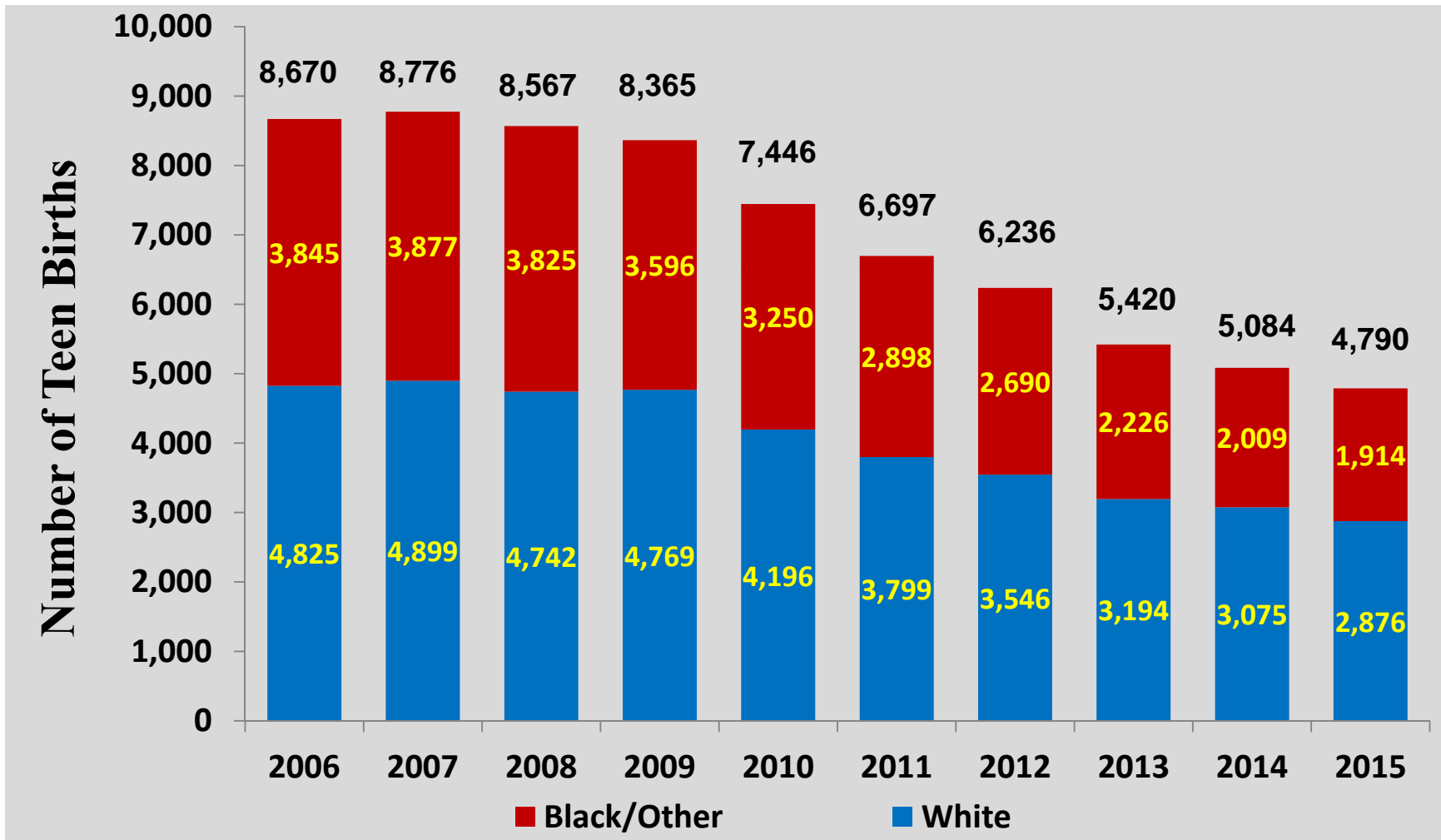
INFANT MORTALITY RATES

ALABAMA AND UNITED STATES¹ BY RACE, 2006-2015

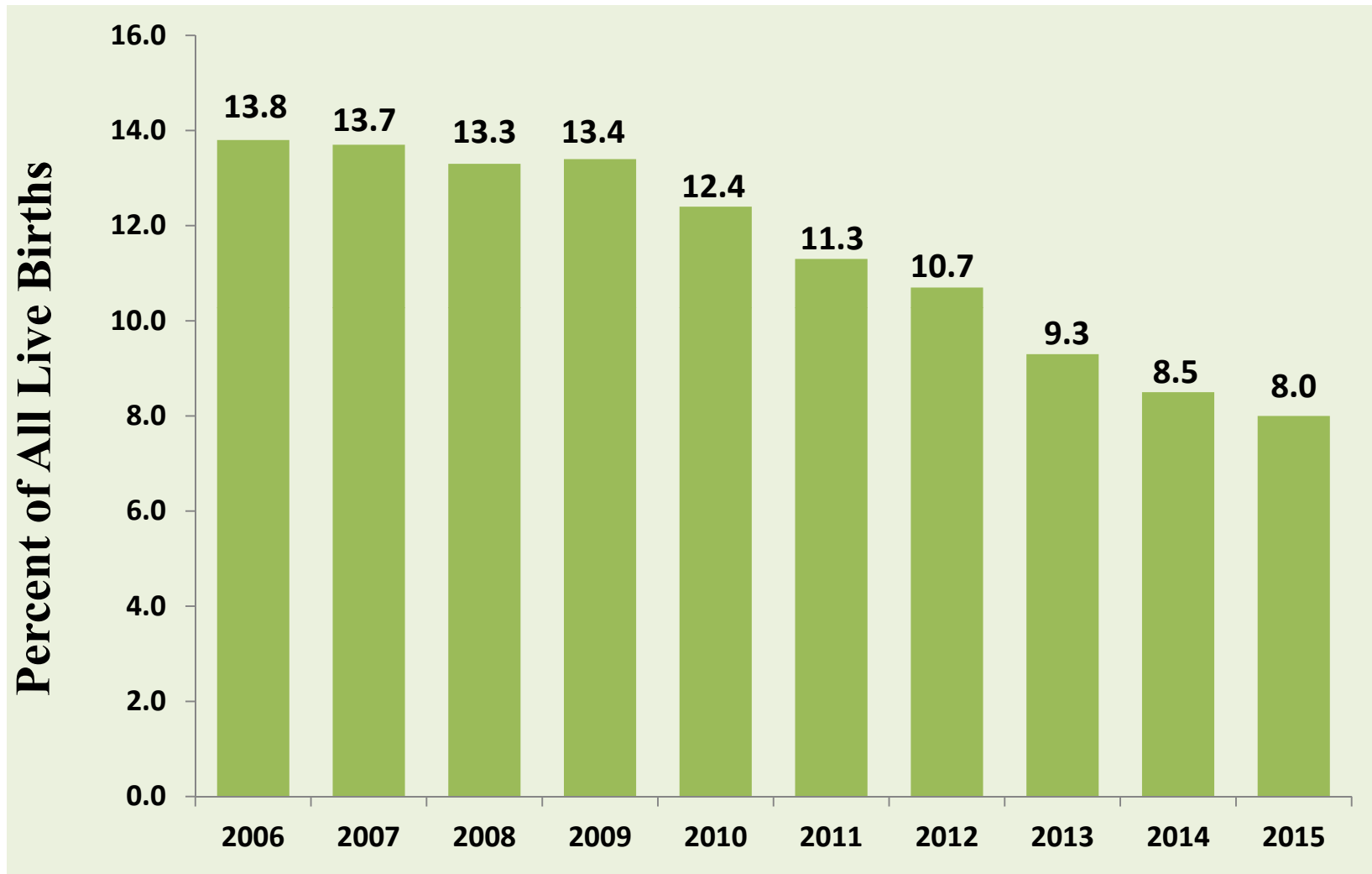


¹ 2015 US rate is not available.

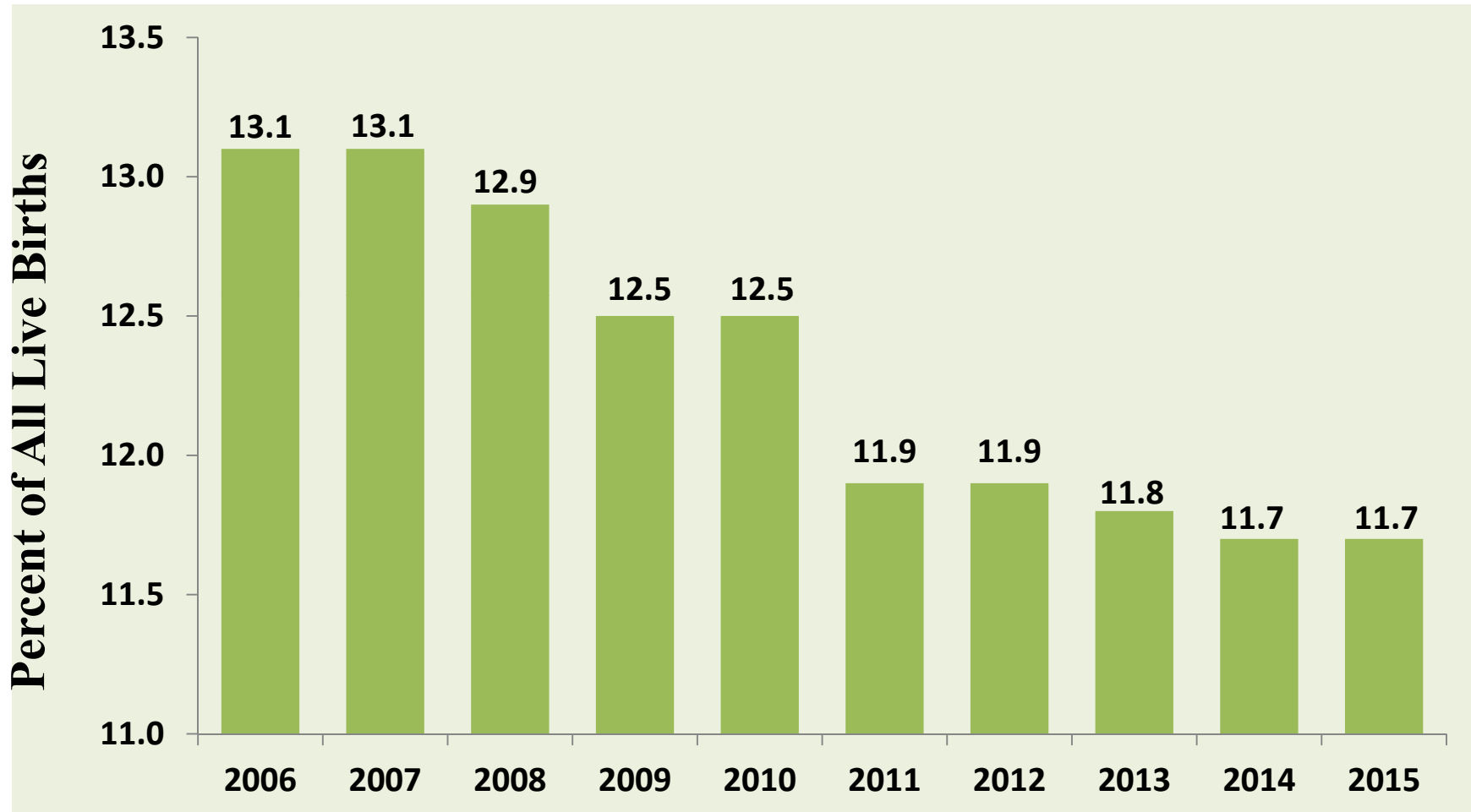
NUMBER OF TEEN BIRTHS (AGE 10-19) ALABAMA, 2006-2015



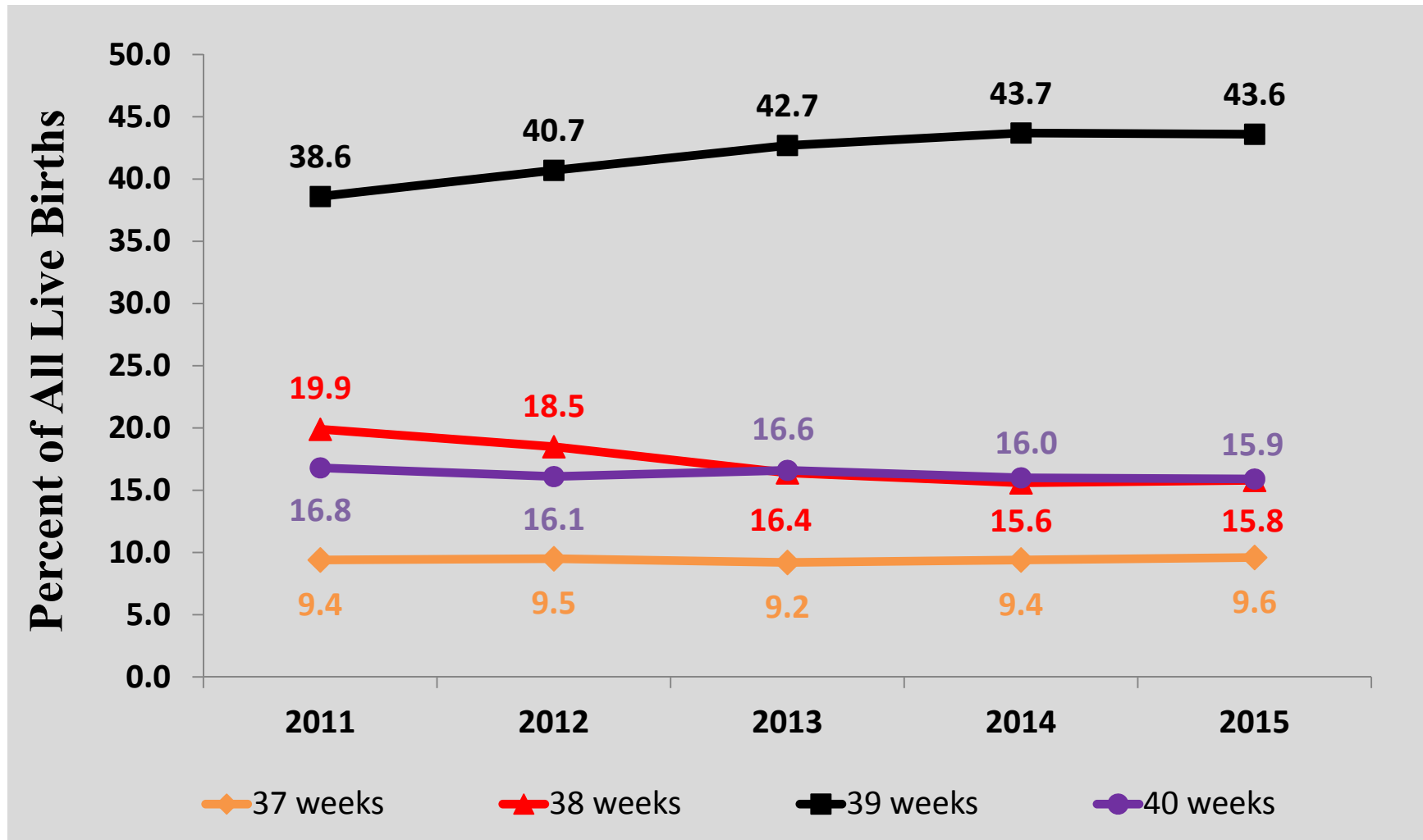
PERCENT OF BIRTHS TO TEENAGERS (AGE 10-19) ALABAMA, 2006-2015



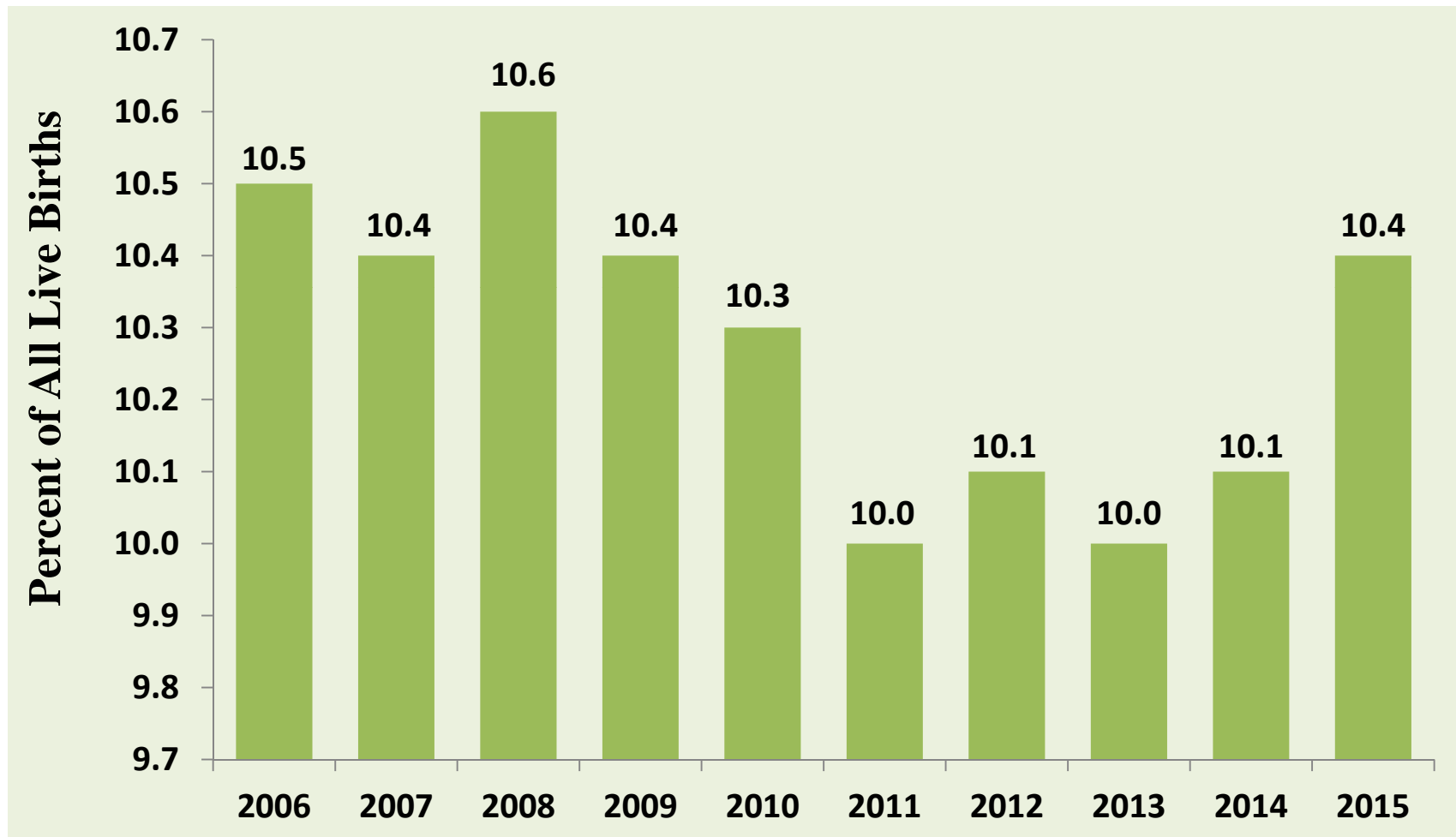
PERCENT OF BIRTHS LESS THAN 37 WEEKS GESTATION, ALABAMA, 2006-2015



PERCENT OF BIRTHS AT 37- 40 WEEKS GESTATION, ALABAMA, 2011-2015



PERCENT OF LOW WEIGHT BIRTHS (< 2,500 G) ALABAMA, 2006-2015



PERCENT OF BIRTHS WITH A BIRTH INTERVAL LESS THAN 2 YEARS, ALABAMA, 2006-2015



PERCENT OF BIRTHS WITH ADEQUATE PRENATAL CARE¹ ALABAMA, 2006-2015



¹ Adequacy of care measured using the Kotelchuck index. Percentage calculation excludes unknown status.

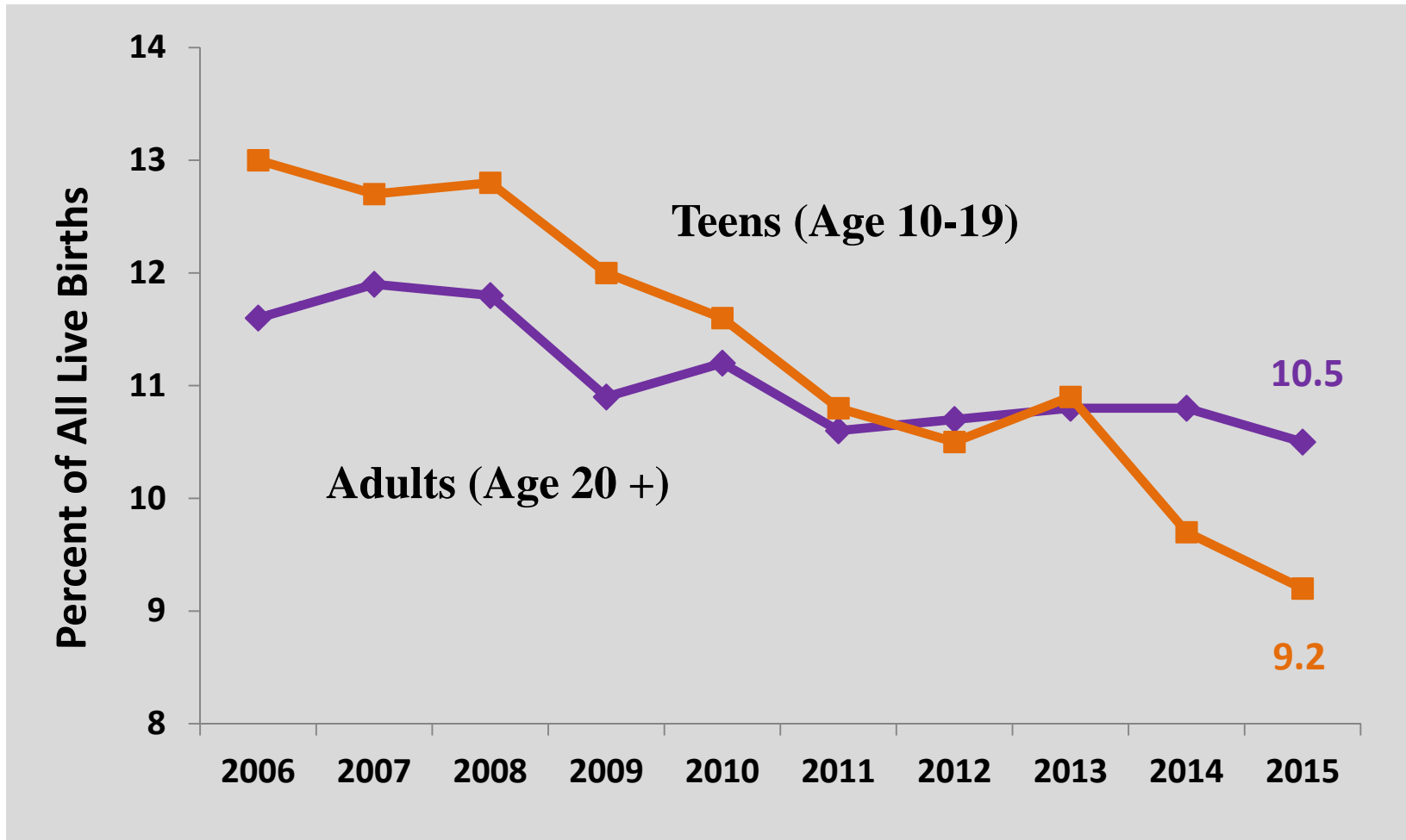
PERCENT OF BIRTHS WITH MATERNAL SMOKING ALABAMA, 2006-2015



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

MATERNAL SMOKING BY AGE OF MOTHER

ALABAMA, 2006-2015



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

INFANT MORTALITY – CAUSES OF DEATH ALABAMA, 2006-2015

- Top 3 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)
- Top 3 causes account for 40% to 45% of infant deaths each year in last decade

STRATEGIES TO IMPROVE BIRTH OUTCOMES

- Expand fetal and infant mortality review activities at the local level
- Improve education about infants' safe sleeping habits
- Emphasize the need for appropriate spacing between pregnancies to at least an 18-month interval between pregnancies
- Improve access to appropriate health care, including long-acting reversible contraceptives and medications to prevent premature birth

**TOTAL RESIDENT INFANT DEATHS AND INFANT MORTALITY RATES* BY COUNTY
ALABAMA, 2013, 2014, 2015, AND 2013-2015 COMBINED**

COUNTY	2013		2014		2015		COUNTY	2013-2015	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
TOTAL	500	8.6	517	8.7	494	8.3	TOTAL	1511	8.5
AUTAUGA	5	8.4	5	7.8	5	7.5	AUTAUGA	15	7.9
BALDWIN	18	8.3	14	6.2	12	5.1	BALDWIN	44	6.5
BARBOUR	1	3.7	2	7.4	2	7.2	BARBOUR	5	6.1
BIBB	5	19.7	4	15.3	1	3.6	BIBB	10	12.6
BLOUNT	2	3.3	5	7.5	0	0.0	BLOUNT	7	3.6
BULLOCK	2	16.8	0	0.0	1	7.0	BULLOCK	3	7.8
BUTLER	2	7.7	4	16.5	2	8.5	BUTLER	8	10.9
CALHOUN	8	5.9	19	14.7	9	6.4	CALHOUN	36	8.9
CHAMBERS	1	2.3	3	7.0	2	4.9	CHAMBERS	6	4.7
CHEROKEE	2	7.9	1	4.7	1	4.0	CHEROKEE	4	5.6
CHILTON	1	1.8	7	12.7	5	9.3	CHILTON	13	7.9
CHOCTAW	0	0.0	0	0.0	1	6.8	CHOCTAW	1	2.3
CLARKE	2	8.1	0	0.0	3	10.5	CLARKE	5	6.0
CLAY	1	6.6	1	7.4	1	6.8	CLAY	3	6.9
CLEBURNE	0	0.0	2	11.2	0	0.0	CLEBURNE	2	3.8
COFFEE	4	6.4	8	13.2	2	3.1	COFFEE	14	7.5
COLBERT	7	12.2	5	8.4	9	13.7	COLBERT	21	11.5
CONECUH	1	6.5	2	16.8	2	11.6	CONECUH	5	11.2
COOSA	1	10.3	1	10.1	1	10.9	COOSA	3	10.4
COVINGTON	3	6.6	2	4.4	0	0.0	COVINGTON	5	3.7
CRENSHAW	1	7.2	1	6.9	1	5.7	CRENSHAW	3	6.5
CULLMAN	6	6.3	7	7.0	3	2.9	CULLMAN	16	5.4
DALE	2	3.0	3	4.7	5	7.8	DALE	10	5.1
DALLAS	6	10.5	7	14.4	2	3.8	DALLAS	15	9.5
DEKALB	2	2.4	4	5.0	7	8.3	DEKALB	13	5.3
ELMORE	8	8.4	5	5.1	4	4.5	ELMORE	17	6.0
ESCAMBIA	1	2.3	5	11.3	6	13.9	ESCAMBIA	12	9.1
ETOWAH	14	11.9	10	8.6	12	9.9	ETOWAH	36	10.1
FAYETTE	1	5.2	0	0.0	1	5.5	FAYETTE	2	3.6
FRANKLIN	3	7.1	5	13.1	3	7.3	FRANKLIN	11	9.1
GENEVA	0	0.0	0	0.0	2	7.1	GENEVA	2	2.3
GREENE	0	0.0	3	29.1	2	22.0	GREENE	5	16.9
HALE	0	0.0	1	4.4	3	15.2	HALE	4	6.5
HENRY	0	0.0	0	0.0	2	11.8	HENRY	2	3.9
HOUSTON	11	9.0	6	4.6	9	7.0	HOUSTON	26	6.8
JACKSON	11	19.5	3	5.7	5	9.3	JACKSON	19	11.7
JEFFERSON	109	12.6	94	10.5	92	10.5	JEFFERSON	295	11.2
LAMAR	3	22.4	0	0.0	1	5.6	LAMAR	4	8.7
LAUDERDALE	5	5.4	6	6.3	13	13.6	LAUDERDALE	24	8.4
LAWRENCE	1	3.0	2	5.2	2	5.6	LAWRENCE	5	4.7
LEE	10	5.4	13	7.0	15	7.5	LEE	38	6.7
LIMESTONE	8	8.2	6	5.8	10	9.8	LIMESTONE	24	7.9
LOWNDES	0	0.0	1	7.8	2	17.2	LOWNDES	3	8.1
MACON	3	15.6	7	37.2	2	9.9	MACON	12	20.6
MADISON	37	9.0	36	8.5	35	8.4	MADISON	108	8.6
MARENGO	1	3.9	4	16.5	3	11.8	MARENGO	8	10.6
MARION	4	13.2	3	9.9	1	3.2	MARION	8	8.7
MARSHALL	14	11.5	10	7.6	5	3.7	MARSHALL	29	7.5
MOBILE	54	9.7	58	10.2	43	7.6	MOBILE	155	9.2
MONROE	3	15.2	3	12.8	4	18.2	MONROE	10	15.4
MONTGOMERY	24	7.6	31	9.5	34	10.9	MONTGOMERY	89	9.3
MORGAN	11	7.8	8	5.9	13	9.4	MORGAN	32	7.7
PERRY	0	0.0	2	18.2	3	21.1	PERRY	5	14.5
PICKENS	1	4.7	6	26.9	2	8.4	PICKENS	9	13.3
PIKE	2	5.3	3	7.8	0	0.0	PIKE	5	4.3
RANDOLPH	6	24.4	1	3.5	2	8.0	RANDOLPH	9	11.6
RUSSELL	5	5.6	13	13.8	10	11.1	RUSSELL	28	10.2
ST CLAIR	8	7.9	4	4.0	5	4.8	ST CLAIR	17	5.6
SHELBY	15	6.5	10	4.1	14	5.8	SHELBY	39	5.5
SUMTER	2	13.6	2	10.5	7	45.5	SUMTER	11	22.4
TALLADEGA	13	14.9	7	8.1	6	7.1	TALLADEGA	26	10.1
TALLAPOOSA	1	2.1	3	6.3	7	15.2	TALLAPOOSA	11	7.8
TUSCALOOSA	15	6.2	24	9.5	22	8.7	TUSCALOOSA	61	8.2
WALKER	8	10.3	9	11.0	9	11.2	WALKER	26	10.8
WASHINGTON	2	13.5	1	5.2	2	11.4	WASHINGTON	5	9.7
WILCOX	0	0.0	3	20.8	2	16.3	WILCOX	5	12.4
WINSTON	3	12.3	2	7.9	2	8.6	WINSTON	7	9.6

*Rate is per 1,000 live births.

**WHITE RESIDENT INFANT DEATHS AND INFANT MORTALITY RATES* BY COUNTY
ALABAMA, 2013, 2014, 2015, AND 2013-2015 COMBINED**

COUNTY	2013		2014		2015		COUNTY	2013-2015	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
TOTAL	266	6.9	238	6.0	206	5.2	TOTAL	710	6.0
AUTAUGA	4	8.8	3	6.1	4	7.7	AUTAUGA	11	7.5
BALDWIN	12	6.5	11	5.7	8	3.9	BALDWIN	31	5.3
BARBOUR	1	8.8	1	8.0	0	0.0	BARBOUR	2	5.7
BIBB	5	26.0	4	20.0	0	0.0	BIBB	9	14.8
BLOUNT	1	1.7	5	7.7	0	0.0	BLOUNT	6	3.1
BULLOCK	2	69.0	0	0.0	0	0.0	BULLOCK	2	21.3
BUTLER	1	7.9	1	8.2	0	0.0	BUTLER	2	5.8
CALHOUN	4	4.0	10	10.8	4	4.0	CALHOUN	18	6.1
CHAMBERS	0	0.0	0	0.0	0	0.0	CHAMBERS	0	0.0
CHEROKEE	2	8.4	1	4.9	1	4.2	CHEROKEE	4	5.9
CHILTON	1	2.0	3	6.1	2	4.4	CHILTON	6	4.2
CHOCTAW	0	0.0	0	0.0	0	0.0	CHOCTAW	0	0.0
CLARKE	1	8.1	0	0.0	0	0.0	CLARKE	1	2.5
CLAY	1	8.1	1	9.0	0	0.0	CLAY	2	5.6
CLEBURNE	0	0.0	2	11.8	0	0.0	CLEBURNE	2	4.0
COFFEE	2	4.4	5	11.2	1	2.1	COFFEE	8	5.8
COLBERT	4	8.1	3	5.9	8	14.4	COLBERT	15	9.7
CONECUH	0	0.0	1	19.6	0	0.0	CONECUH	1	5.2
COOSA	0	0.0	0	0.0	1	17.5	COOSA	1	5.3
COVINGTON	3	8.0	2	5.3	0	0.0	COVINGTON	5	4.4
CRENSHAW	1	9.3	1	8.8	0	0.0	CRENSHAW	2	5.7
CULLMAN	6	6.4	7	7.2	3	3.0	CULLMAN	16	5.5
DALE	2	4.0	2	3.9	1	2.1	DALE	5	3.4
DALLAS	1	8.6	1	10.0	0	0.0	DALLAS	2	6.2
DEKALB	1	1.3	4	5.3	7	8.6	DEKALB	12	5.1
ELMORE	6	8.2	3	4.0	2	3.1	ELMORE	11	5.2
ESCAMBIA	0	0.0	3	10.4	2	7.4	ESCAMBIA	5	6.0
ETOWAH	9	9.7	6	6.9	8	8.3	ETOWAH	23	8.3
FAYETTE	1	6.1	0	0.0	1	6.5	FAYETTE	2	4.3
FRANKLIN	3	7.3	5	13.7	3	7.5	FRANKLIN	11	9.3
GENEVA	0	0.0	0	0.0	1	3.9	GENEVA	1	1.3
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	0	0.0	0	0.0	1	7.8	HENRY	1	2.7
HOUSTON	7	8.5	5	5.9	3	3.6	HOUSTON	15	6.0
JACKSON	11	21.0	3	6.0	5	10.2	JACKSON	19	12.5
JEFFERSON	37	8.5	23	5.0	29	6.4	JEFFERSON	89	6.6
LAMAR	3	25.6	0	0.0	1	6.5	LAMAR	4	9.9
LAUDERDALE	4	4.8	5	6.1	9	10.9	LAUDERDALE	18	7.2
LAWRENCE	1	3.3	1	3.0	2	6.4	LAWRENCE	4	4.2
LEE	7	5.6	7	5.7	6	4.4	LEE	20	5.2
LIMESTONE	6	7.0	5	5.6	9	10.2	LIMESTONE	20	7.6
LOWNDES	0	0.0	0	0.0	0	0.0	LOWNDES	0	0.0
MACON	0	0.0	0	0.0	0	0.0	MACON	0	0.0
MADISON	20	7.4	11	3.8	15	5.3	MADISON	46	5.5
MARENGO	0	0.0	0	0.0	2	20.6	MARENGO	2	6.5
MARION	4	14.0	3	10.1	1	3.4	MARION	8	9.2
MARSHALL	13	12.5	10	8.6	5	4.3	MARSHALL	28	8.3
MOBILE	22	7.1	20	6.6	10	3.3	MOBILE	52	5.7
MONROE	3	28.3	1	9.2	1	8.5	MONROE	5	15.0
MONTGOMERY	4	3.7	5	4.7	6	5.8	MONTGOMERY	15	4.7
MORGAN	6	5.1	7	6.1	9	7.9	MORGAN	22	6.3
PERRY	0	0.0	0	0.0	0	0.0	PERRY	0	0.0
PICKENS	0	0.0	3	27.0	0	0.0	PICKENS	3	9.2
PIKE	2	9.6	2	9.7	0	0.0	PIKE	4	6.4
RANDOLPH	5	26.5	1	4.6	2	10.5	RANDOLPH	8	13.4
RUSSELL	3	5.9	5	9.1	1	2.0	RUSSELL	9	5.8
ST CLAIR	5	5.4	3	3.3	4	4.2	ST CLAIR	12	4.3
SHELBY	10	5.1	8	4.0	7	3.5	SHELBY	25	4.2
SUMTER	1	30.3	0	0.0	0	0.0	SUMTER	1	9.8
TALLADEGA	6	11.1	4	7.0	1	1.8	TALLADEGA	11	6.6
TALLAPOOSA	1	3.4	2	6.6	2	6.8	TALLAPOOSA	5	5.6
TUSCALOOSA	3	2.2	8	5.6	8	5.6	TUSCALOOSA	19	4.5
WALKER	5	6.9	9	12.4	8	11.0	WALKER	22	10.1
WASHINGTON	0	0.0	0	0.0	0	0.0	WASHINGTON	0	0.0
WILCOX	0	0.0	0	0.0	0	0.0	WILCOX	0	0.0
WINSTON	3	12.6	2	8.1	2	8.9	WINSTON	7	9.8

*Rate is per 1,000 live births.

**BLACK AND OTHER RESIDENT INFANT DEATHS AND INFANT MORTALITY RATES* BY COUNTY
ALABAMA, 2013, 2014, 2015, AND 2013-2015 COMBINED**

COUNTY	2013		2014		2015		COUNTY	2013-2015	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE
TOTAL	234	12.0	279	13.9	288	14.4	TOTAL	801	13.4
AUTAUGA	1	7.0	2	13.2	1	6.8	AUTAUGA	4	9.1
BALDWIN	6	19.1	3	9.5	4	13.1	BALDWIN	13	13.9
BARBOUR	0	0.0	1	6.9	2	12.2	BARBOUR	3	6.5
BIBB	0	0.0	0	0.0	1	16.7	BIBB	1	5.4
BLOUNT	1	62.5	0	0.0	0	0.0	BLOUNT	1	22.2
BULLOCK	0	0.0	0	0.0	1	9.0	BULLOCK	1	3.4
BUTLER	1	7.5	3	25.0	2	14.7	BUTLER	6	15.4
CALHOUN	4	11.3	9	24.7	5	12.9	CALHOUN	18	16.2
CHAMBERS	1	4.7	3	14.4	2	11.0	CHAMBERS	6	10.0
CHEROKEE	0	0.0	0	0.0	0	0.0	CHEROKEE	0	0.0
CHILTON	0	0.0	4	64.5	3	37.0	CHILTON	7	32.0
CHOCTAW	0	0.0	0	0.0	1	14.5	CHOCTAW	1	5.1
CLARKE	1	8.1	0	0.0	3	21.0	CLARKE	4	9.3
CLAY	0	0.0	0	0.0	1	40.0	CLAY	1	12.7
CLEBURNE	0	0.0	0	0.0	0	0.0	CLEBURNE	0	0.0
COFFEE	2	11.8	3	18.9	1	5.8	COFFEE	6	12.0
COLBERT	3	36.6	2	22.5	1	10.0	COLBERT	6	22.1
CONECUH	1	11.8	1	14.7	2	20.4	CONECUH	4	15.9
COOSA	1	30.3	1	33.3	0	0.0	COOSA	2	20.4
COVINGTON	0	0.0	0	0.0	0	0.0	COVINGTON	0	0.0
CRENSHAW	0	0.0	0	0.0	1	22.2	CRENSHAW	1	9.4
CULLMAN	0	0.0	0	0.0	0	0.0	CULLMAN	0	0.0
DALE	0	0.0	1	7.6	4	24.5	DALE	5	10.9
DALLAS	5	11.0	6	15.5	2	4.8	DALLAS	13	10.4
DEKALB	1	22.2	0	0.0	0	0.0	DEKALB	1	8.6
ELMORE	2	9.0	2	8.3	2	8.0	ELMORE	6	8.4
ESCAMBIA	1	6.1	2	12.9	4	24.7	ESCAMBIA	7	14.5
ETOWAH	5	20.0	4	13.9	4	16.2	ETOWAH	13	16.6
FAYETTE	0	0.0	0	0.0	0	0.0	FAYETTE	0	0.0
FRANKLIN	0	0.0	0	0.0	0	0.0	FRANKLIN	0	0.0
GENEVA	0	0.0	0	0.0	1	43.5	GENEVA	1	11.5
GREENE	0	0.0	3	33.3	2	25.6	GREENE	5	19.6
HALE	0	0.0	1	7.6	3	22.2	HALE	4	10.3
HENRY	0	0.0	0	0.0	1	23.8	HENRY	1	7.2
HOUSTON	4	9.8	1	2.2	6	13.4	HOUSTON	11	8.4
JACKSON	0	0.0	0	0.0	0	0.0	JACKSON	0	0.0
JEFFERSON	72	16.9	71	16.3	63	14.7	JEFFERSON	206	16.0
LAMAR	0	0.0	0	0.0	0	0.0	LAMAR	0	0.0
LAUDERDALE	1	9.8	1	7.6	4	31.3	LAUDERDALE	6	16.6
LAWRENCE	0	0.0	1	21.3	0	0.0	LAWRENCE	1	7.9
LEE	3	5.0	6	9.7	9	14.3	LEE	18	9.7
LIMESTONE	2	16.4	1	7.3	1	7.4	LIMESTONE	4	10.1
LOWNDES	0	0.0	1	9.2	2	22.0	LOWNDES	3	10.0
MACON	3	18.0	7	44.6	2	11.6	MACON	12	24.1
MADISON	17	12.1	25	18.3	20	15.1	MADISON	62	15.1
MARENGO	1	7.0	4	27.8	1	6.3	MARENGO	6	13.5
MARION	0	0.0	0	0.0	0	0.0	MARION	0	0.0
MARSHALL	1	5.7	0	0.0	0	0.0	MARSHALL	1	2.0
MOBILE	32	12.9	38	14.4	33	12.6	MOBILE	103	13.3
MONROE	0	0.0	2	16.0	3	29.4	MONROE	5	15.7
MONTGOMERY	20	9.6	26	11.9	28	13.4	MONTGOMERY	74	11.6
MORGAN	5	22.0	1	4.8	4	16.3	MORGAN	10	14.7
PERRY	0	0.0	2	22.5	3	26.5	PERRY	5	17.9
PICKENS	1	9.2	3	26.8	2	15.7	PICKENS	6	17.2
PIKE	0	0.0	1	5.6	0	0.0	PIKE	1	1.9
RANDOLPH	1	17.5	0	0.0	0	0.0	RANDOLPH	1	5.5
RUSSELL	2	5.2	8	20.2	9	22.5	RUSSELL	19	16.1
ST CLAIR	3	37.5	1	12.0	1	11.1	ST CLAIR	5	19.8
SHELBY	5	13.9	2	5.1	7	16.9	SHELBY	14	12.0
SUMTER	1	8.8	2	14.1	7	52.2	SUMTER	10	25.6
TALLADEGA	7	21.1	3	10.1	5	17.2	TALLADEGA	15	16.4
TALLAPOOSA	0	0.0	1	5.8	5	29.6	TALLAPOOSA	6	11.7
TUSCALOOSA	12	11.2	16	14.7	14	12.9	TUSCALOOSA	42	12.9
WALKER	3	55.6	0	0.0	1	12.5	WALKER	4	17.4
WASHINGTON	2	35.7	1	19.6	2	33.9	WASHINGTON	5	30.1
WILCOX	0	0.0	3	26.3	2	19.2	WILCOX	5	15.0
WINSTON	0	0.0	0	0.0	0	0.0	WINSTON	0	0.0

*Rate is per 1,000 live births.