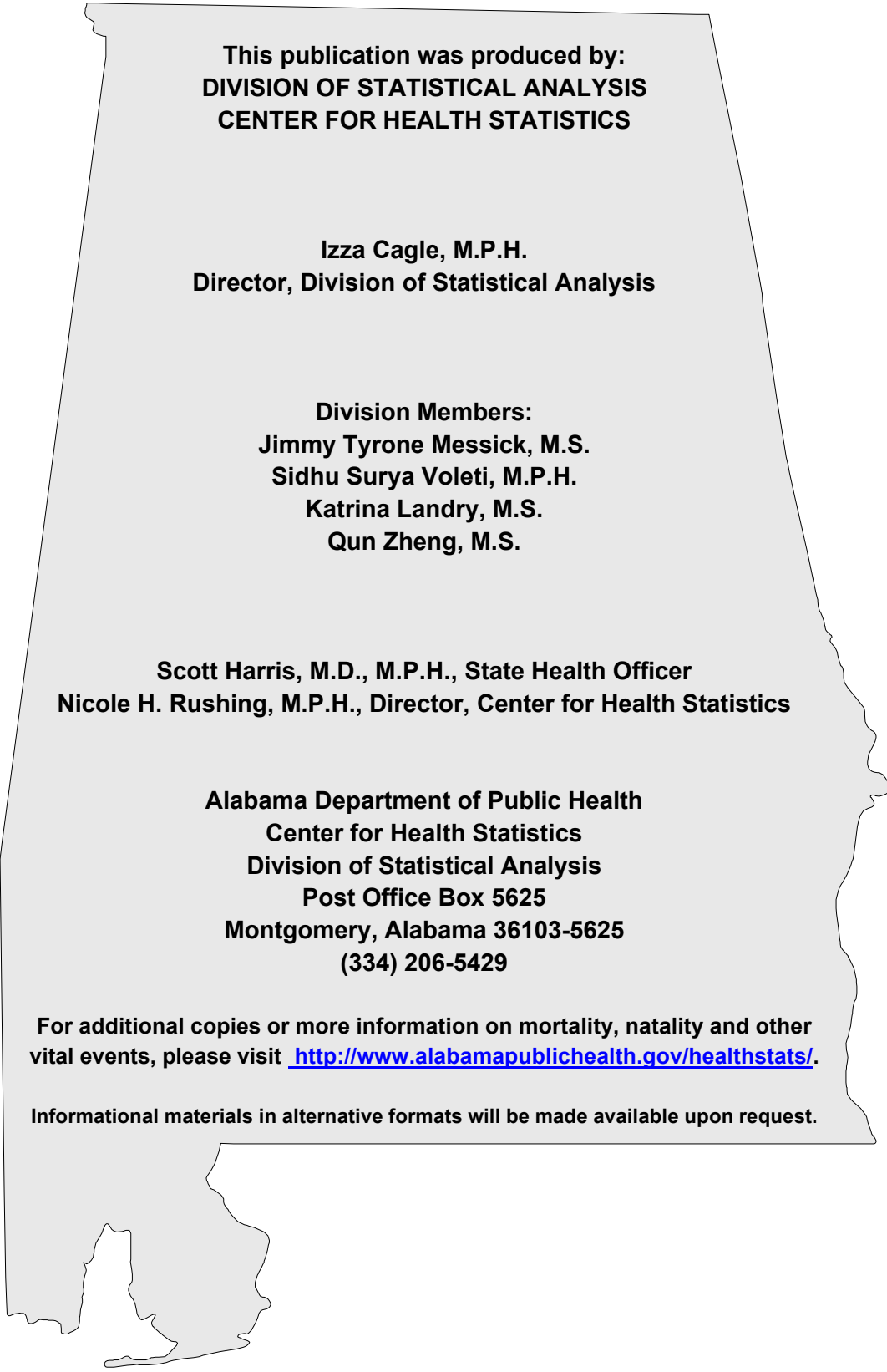




ALABAMA VITAL STATISTICS



ALABAMA
PUBLIC
HEALTH



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For additional copies or more information on mortality, natality and other vital events, please visit <http://www.alabamapublichealth.gov/healthstats/>.

Informational materials in alternative formats will be made available upon request.

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INTRODUCTION

This *Alabama Vital Statistics* publication is intended to be a one-volume reference on pregnancy, mortality, marriage and divorce for frequently requested data obtained from Alabama vital records. Technical notes and definitions are included in an appendix to give the user background on how the various data items are collected and tabulated. Footnotes are also shown on tables to provide further explanations and cautions to the user.

Data from Alabama vital records is also available in the publication *County Health Profiles* which contains a two-page summary of vital statistics for each county in Alabama. The intent is to give the user in need of county information an easy way to locate the data.

Tables from this publication, *County Health Profiles* and other publications of the Alabama Center for Health Statistics are available online and may be accessed through the Alabama Department of Public Health's website at <http://www.alabamapublichealth.gov/healthstats>. You will see a listing of our publications from years 2005-2021 through menu option "Publications" on the left side of the screen.

The Center for Health Statistics also provides more interpretative analysis of the data contained in this publication in a variety of other reports, graphs, charts and special topic-specific publications. Many of these publications may also be found on the website.

TABLE 1
RESIDENT BIRTHS AND BIRTH RATES¹ BY RACE²
ALABAMA AND UNITED STATES³, 1970-2021

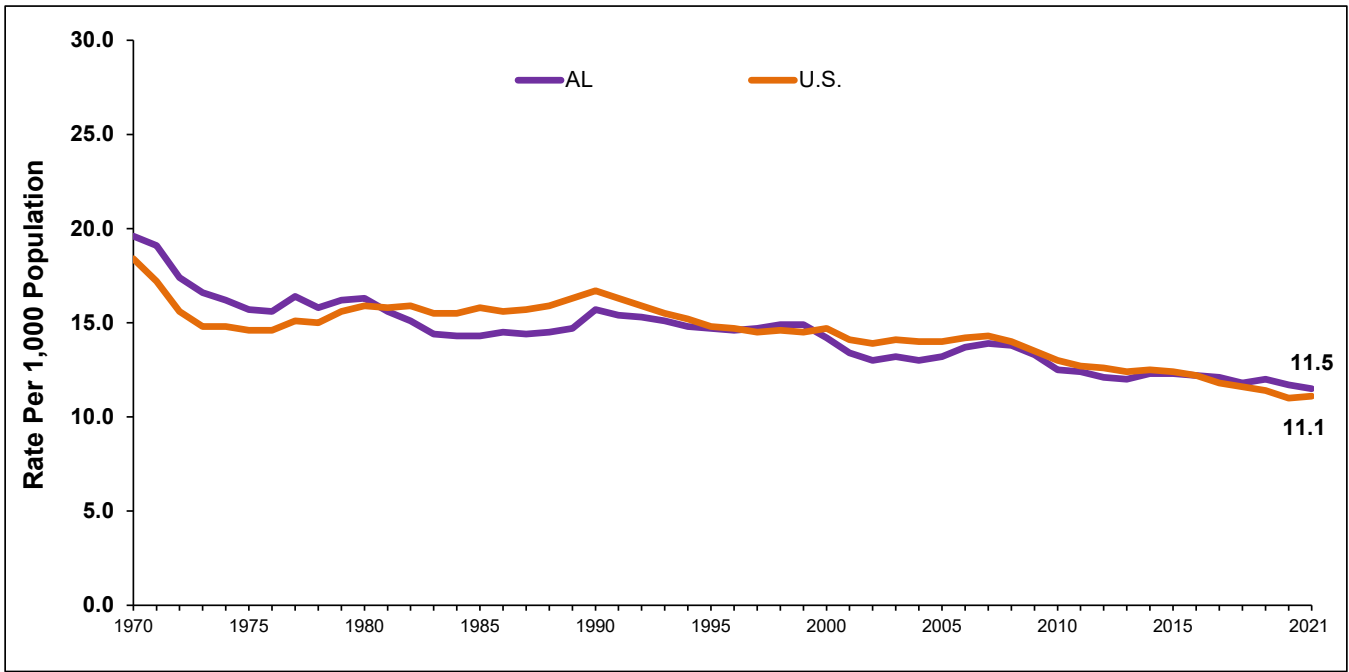
YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1970	67,570	19.6	18.4	45,479	17.9	17.4	22,091	24.3	25.1
1971	66,750	19.1	17.2	44,209	17.2	16.1	22,541	24.4	24.6
1972	61,765	17.4	15.6	40,134	15.4	14.5	21,631	23.1	22.8
1973	59,442	16.6	14.8	38,778	14.7	13.8	20,664	21.8	21.7
1974	59,342	16.2	14.8	38,642	14.4	13.9	20,700	21.6	21.2
1975	57,922	15.7	14.6	37,565	13.9	13.6	20,357	21.0	21.0
1976	57,895	15.6	14.6	37,415	13.6	13.6	20,480	20.9	20.8
1977	61,927	16.4	15.1	40,286	14.5	14.1	21,641	21.9	21.6
1978	60,108	15.8	15.0	38,646	13.7	14.0	21,462	21.4	21.6
1979	62,494	16.2	15.6	39,805	14.0	14.5	22,689	22.4	22.2
1980	63,405	16.3	15.9	40,624	14.1	14.9	22,781	22.3	22.5
1981	61,497	15.6	15.8	39,667	13.6	14.8	21,830	21.1	22.0
1982	60,296	15.1	15.9	38,895	13.2	14.9	21,401	20.5	21.9
1983	59,057	14.4	15.5	38,464	12.7	14.6	20,593	19.4	21.3
1984	59,104	14.3	15.5	38,255	12.5	14.5	20,849	19.5	21.2
1985	59,663	14.3	15.8	39,042	12.6	14.8	20,621	19.2	21.4
1986	59,441	14.5	15.6	38,632	12.8	14.5	20,809	19.3	21.4
1987	59,558	14.4	15.7	38,826	12.7	14.5	20,732	19.0	21.7
1988	60,718	14.5	15.9	39,155	12.7	14.7	21,563	19.5	22.5
1989	62,530	14.7	16.3	40,100	12.8	15.0	22,430	20.0	23.1
1990	63,420	15.7	16.7	41,072	13.8	15.8	22,348	21.0	21.7
1991	62,798	15.4	16.3	40,660	13.6	15.4	22,138	20.5	21.1
1992	62,226	15.3	15.9	40,144	13.4	15.0	22,082	20.6	20.5
1993	61,588	15.1	15.5	39,848	13.2	14.7	21,740	20.2	19.8
1994	60,836	14.8	15.2	39,579	13.1	14.4	21,257	19.7	19.0
1995	60,264	14.7	14.8	39,660	13.1	14.2	20,604	19.0	17.9
1996	60,460	14.6	14.7	40,142	13.2	14.1	20,318	18.6	17.5
1997	60,887	14.7	14.5	40,419	13.3	13.9	20,468	18.7	17.3
1998	62,025	14.9	14.6	41,486	13.6	14.0	20,539	18.6	17.4
1999	62,070	14.9	14.5	41,689	13.6	13.9	20,381	18.4	17.2
2000	63,166	14.2	14.7	41,946	13.3	14.1	21,220	16.5	17.6
2001	60,295	13.4	14.1	40,470	12.7	13.7	19,825	15.2	16.2
2002	58,867	13.0	13.9	39,845	12.5	13.5	19,022	14.3	15.9
2003	59,356	13.2	14.1	40,667	12.7	13.6	18,689	14.5	15.9
2004	59,170	13.0	14.0	40,140	12.3	13.5	19,030	14.6	16.1
2005	60,262	13.2	14.0	40,895	12.6	13.4	19,367	14.8	16.2
2006	62,915	13.7	14.2	42,369	12.9	13.7	20,546	15.5	16.7
2007	64,180	13.9	14.3	42,986	13.1	13.8	21,194	15.8	16.4
2008	64,345	13.8	14.0	42,897	13.0	13.5	21,448	15.9	16.0
2009	62,476	13.3	13.5	41,963	12.6	13.0	20,513	15.0	15.4
2010	59,979	12.5	13.0	40,193	12.3	12.5	19,786	13.2	14.7
2011	59,322	12.4	12.7	39,770	11.8	12.2	19,552	13.6	14.5
2012	58,381	12.1	12.6	38,637	11.5	12.1	19,744	13.6	14.5
2013	58,162	12.0	12.4	38,604	11.4	12.0	19,558	13.4	14.2
2014	59,532	12.3	12.5	39,488	11.7	12.1	20,044	13.6	14.2
2015	59,651	12.3	12.4	39,632	11.7	12.0	20,019	13.5	13.9
2016	59,090	12.2	12.2	39,241	11.6	11.7	19,849	13.3	14.0
2017	58,936	12.1	11.8	38,728	11.5	11.3	20,208	13.5	13.9
2018	57,754	11.8	11.6	38,149	11.3	11.2	19,605	13.0	13.2
2019	58,615	12.0	11.4	37,985	11.2	11.0	20,630	13.6	12.9
2020	57,643	11.7	11.0	37,492	11.0	10.6	20,151	13.2	12.2
2021	58,040	11.5	11.1	38,870	11.2	10.8	19,170	12.2	11.9

¹ Rate is per 1,000 population in specified group. See formula in Appendix B.

² Data for 1970-1989 are by race of child. Data for 1990-2021 are by race of mother.

³ U.S. rates (2007-2021) were obtained from CDC WONDER online database (<https://wonder.cdc.gov/natality-current.html>).

**FIGURE 1. LIVE BIRTH RATES
ALABAMA AND UNITED STATES, 1970-2021**



**FIGURE 2. LIVE BIRTH RATES BY RACE OF MOTHER
ALABAMA, 1970-2021**

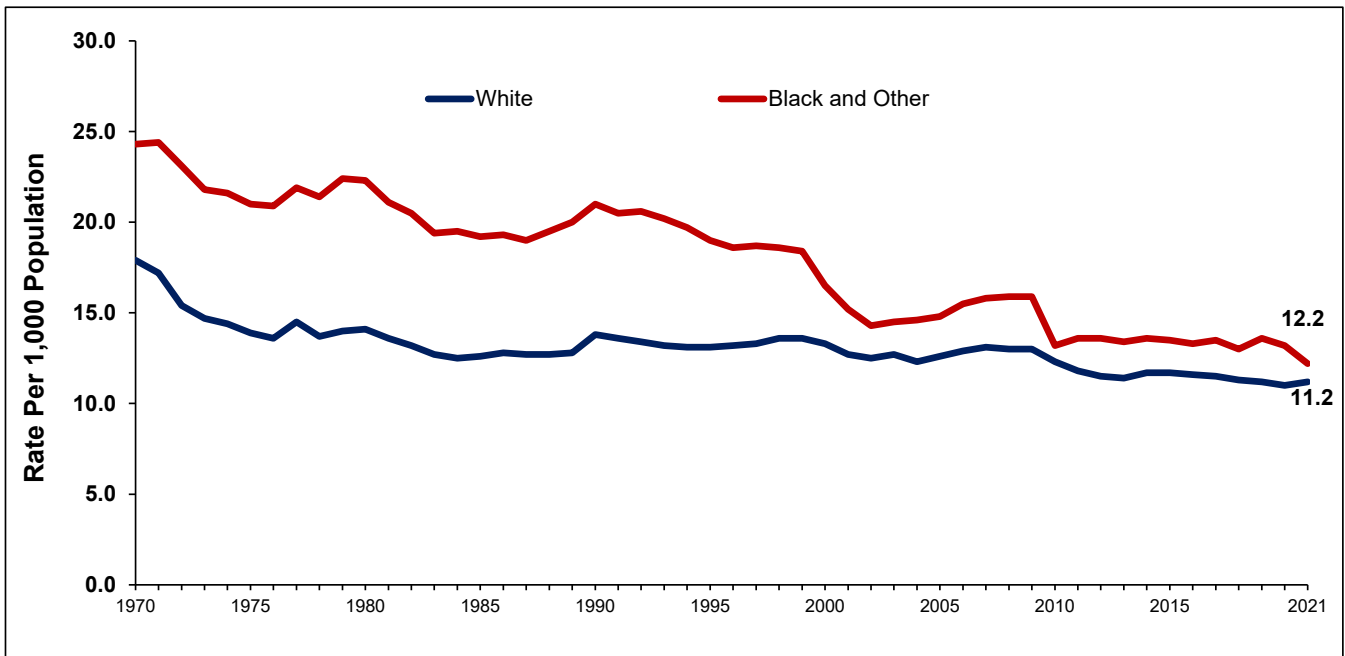
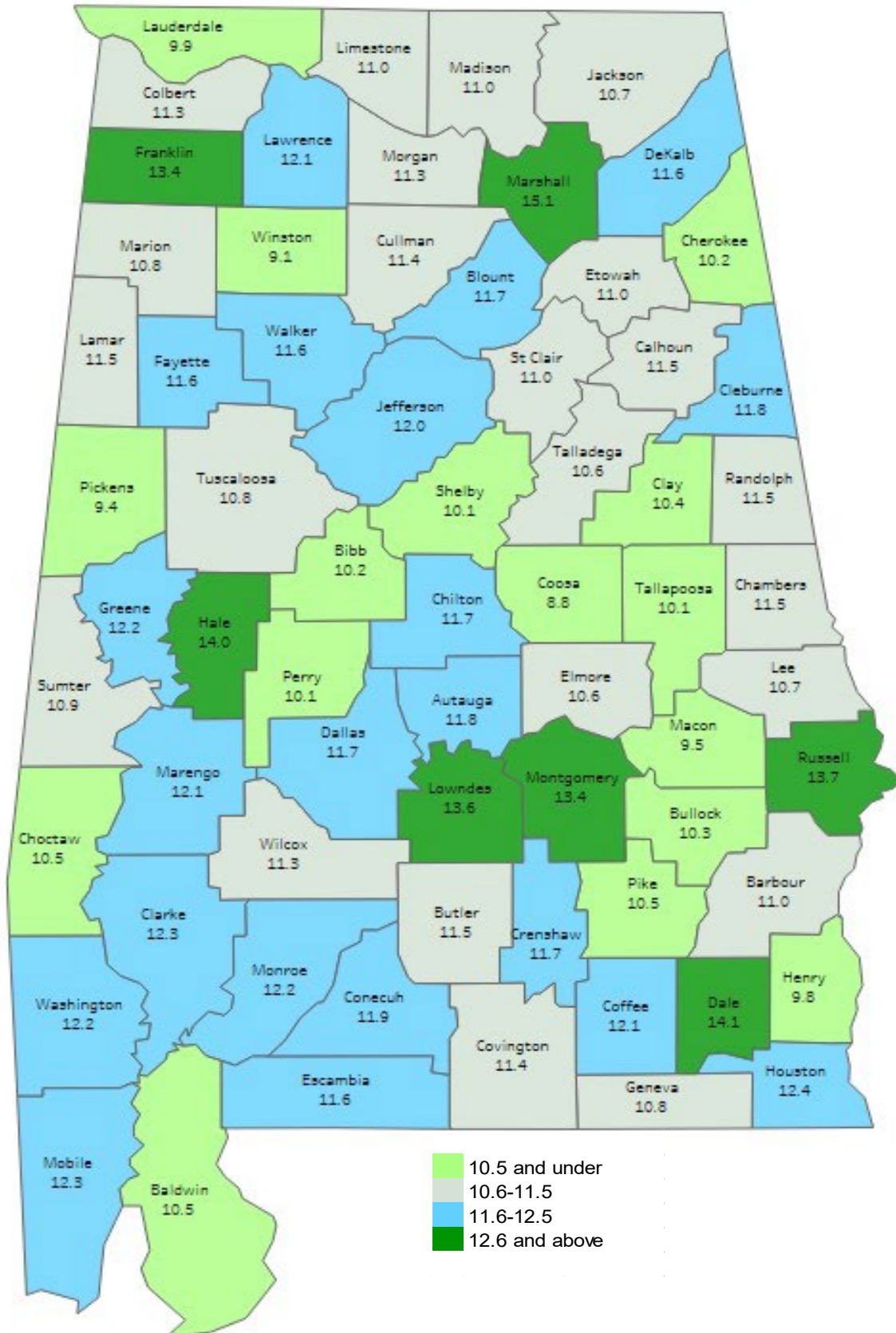


TABLE 2
RESIDENT BIRTHS AND BIRTH RATES¹ BY COUNTY OF
RESIDENCE AND RACE OF MOTHER
ALABAMA, 2021

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	58,040	11.5	38,870	11.2	19,170	12.2
Autauga	696	11.8	516	11.6	180	12.3
Baldwin	2,502	10.5	2,143	10.2	359	11.9
Barbour	274	11.0	126	10.3	148	11.7
Bibb	230	10.2	177	10.3	53	9.9
Blount	690	11.7	663	11.8	27	10.2
Bullock	106	10.3	21	7.5	85	11.3
Butler	218	11.5	103	10.5	115	12.6
Calhoun	1,328	11.5	975	11.3	353	12.0
Chambers	396	11.5	249	12.7	147	9.8
Cherokee	255	10.2	240	10.4	15	8.2
Chilton	531	11.7	467	11.9	64	10.8
Choctaw	132	10.5	81	11.3	51	9.6
Clarke	279	12.3	126	10.5	153	14.1
Clay	148	10.4	118	10.0	30	12.6
Cleburne	178	11.8	170	11.9	8	10.1
Coffee	654	12.1	490	11.9	164	12.5
Colbert	648	11.3	540	11.7	108	9.4
Conecuh	135	11.9	57	9.8	78	14.2
Coosa	92	8.8	72	10.2	20	5.9
Covington	426	11.4	360	11.4	66	11.1
Crenshaw	153	11.7	114	12.1	39	10.6
Cullman	1,022	11.4	1,000	11.7	22	5.8
Dale	694	14.1	485	13.5	209	15.7
Dallas	439	11.7	92	9.0	347	12.6
DeKalb	835	11.6	710	10.7	125	22.9
Elmore	947	10.6	709	10.5	238	10.8
Escambia	426	11.6	275	12.1	151	10.8
Etowah	1,138	11.0	876	10.6	262	13.0
Fayette	187	11.6	162	11.7	25	11.0
Franklin	429	13.4	389	13.3	40	14.3
Geneva	289	10.8	260	11.2	29	8.2
Greene	93	12.2	10	7.1	83	13.3
Hale	206	14.0	89	14.8	117	13.4
Henry	171	9.8	108	8.6	63	13.0
Houston	1,328	12.4	824	11.2	504	14.7
Jackson	563	10.7	525	10.9	38	8.2
Jefferson	8,040	12.0	4,346	12.4	3,694	11.7
Lamar	157	11.5	141	11.8	16	9.3
Lauderdale	933	9.9	798	9.8	135	10.8
Lawrence	400	12.1	355	13.7	45	6.3
Lee	1,903	10.7	1,362	10.9	541	10.4
Limestone	1,186	11.0	1,021	11.8	165	7.9
Lowndes	136	13.6	25	9.7	111	15.0
Macon	180	9.5	39	11.5	141	9.1
Madison	4,328	11.0	2,998	11.0	1,330	10.8
Marengo	229	12.1	104	11.8	125	12.3
Marion	315	10.8	297	10.9	18	9.3
Marshall	1,486	15.1	1,129	12.4	357	49.1
Mobile	5,096	12.3	2,804	11.6	2,292	13.4
Monroe	240	12.2	109	10.1	131	14.8
Montgomery	3,057	13.4	945	12.2	2,112	14.1
Morgan	1,402	11.3	1,167	11.5	235	10.8
Perry	84	10.1	11	4.4	73	12.5
Pickens	176	9.4	105	9.7	71	8.9
Pike	346	10.5	178	9.4	168	11.9
Randolph	253	11.5	209	12.1	44	9.2
Russell	805	13.7	453	15.7	352	11.8
St. Clair	1,022	11.0	900	11.2	122	9.9
Shelby	2,297	10.1	1,862	10.1	435	10.4
Sumter	132	10.9	30	9.4	102	11.4
Talladega	864	10.6	538	10.3	326	11.1
Tallapoosa	416	10.1	269	9.3	147	12.2
Tuscaloosa	2,445	10.8	1,297	9.0	1,148	13.9
Walker	755	11.6	692	11.7	63	10.6
Washington	185	12.2	130	12.9	55	10.8
Wilcox	118	11.3	24	8.2	94	12.5
Winston	216	9.1	210	9.3	6	6.2

¹ Rate is per 1,000 population in specified group. See formula in Appendix B. Use caution with rates derived from small numbers. Rates which apply to populations under 1,000 are shaded.

**FIGURE 3. LIVE BIRTH RATES BY COUNTY OF RESIDENCE
ALABAMA, 2021**



**TABLE 3
RESIDENT BIRTHS BY PLURALITY
ALABAMA, 1980-2021**

YEAR	TOTAL	SINGLE BIRTHS	TWINS	TRIPLETS	QUADRUPLETS OR GREATER
1980	63,405	62,148	1,237	20	0
1981	61,497	60,089	1,385	23	0
1982	60,296	59,042	1,231	23	0
1983	59,057	57,766	1,268	14	9
1984	59,104	57,819	1,270	15	0
1985	59,663	58,434	1,184	41	4
1986	59,441	58,127	1,297	13	4
1987	59,558	58,235	1,287	36	0
1988	60,718	59,294	1,389	33	2
1989	62,530	61,153	1,341	36	0
1990	63,420	61,874	1,488	54	4
1991	62,798	61,273	1,479	46	0
1992	62,226	60,711	1,457	49	9
1993	61,588	60,042	1,507	37	2
1994	60,836	59,215	1,573	32	16
1995	60,264	58,780	1,408	68	8
1996	60,460	58,784	1,595	62	19
1997	60,887	59,117	1,661	97	12
1998	62,025	60,118	1,803	87	17
1999	62,070	60,208	1,762	91	9
2000	63,166	61,032	2,018	98	18
2001	60,295	58,241	1,923	115	16
2002	58,867	56,882	1,850	124	11
2003	59,356	57,406	1,848	94	8
2004	59,170	57,101	1,945	115	9
2005	60,262	58,180	1,954	108	20
2006	62,915	60,638	2,177	94	6
2007	64,180	62,001	2,109	62	8
2008	64,345	62,173	2,055	93	24
2009	62,476	60,315	2,075	78	8
2010	59,979	57,772	2,114	80	13
2011	59,322	57,337	1,888	83	14
2012	58,381	56,386	1,882	104	9
2013	58,162	56,155	1,924	83	0
2014	59,532	57,417	2,072	39	4
2015	59,651	57,438	2,110	91	12
2016	59,090	56,819	2,180	74	17
2017	58,936	56,767	2,066	86	17
2018	57,754	55,648	2,015	87	4
2019	58,615	56,573	1,997	40	5
2020	57,643	55,471	2,095	77	0
2021	58,040	55,891	2,078	66	4

Note: This table gives the number of live born individuals who were part of a single, twin, triplet, quadruplet or greater pregnancy; however, this table does not refer to the number of deliveries.

TABLE 4
BIRTHS BY METHODS OF DELIVERY AND HOSPITALS¹ OF OCCURRENCE
WITH CESAREAN SECTION AND VAGINAL BIRTH AFTER CESAREAN RATES
ALABAMA, 2021

COUNTY AND HOSPITAL	Total	Vaginal	Vaginal After Cesarean Section	Primary Cesarean Section	Repeat Cesarean Section	Unknown	Cesarean Section Rate ²	Vaginal After Cesarean Section Rate ³
TOTAL	56,610	35,795	911	12,494	7,406	4	35.2	11.0
BALDWIN								
North Baldwin Infirmary	236	140	1	54	40	1	40.0	2.4
South Baldwin Medical Center	637	437	3	171	26	0	30.9	10.3
Thomas Hospital	1,295	920	22	188	164	1	27.2	11.8
BIBB								
Bibb Medical Center	64	49	2	6	7	0	20.3	22.2
CALHOUN								
Regional Medical Center-Anniston	1,913	1,244	42	384	243	0	32.8	14.7
CLARKE								
Grove Hill Memorial Hospital	125	60	1	34	30	0	51.2	3.2
COFFEE								
Medical Center Enterprise	907	612	14	150	131	0	31.0	9.7
COLBERT								
Helen Keller Memorial Center	751	471	7	150	123	0	36.4	5.4
COVINGTON								
Andalusia Regional Hospital	271	211	7	28	25	0	19.6	21.9
CULLMAN								
Cullman Regional Medical Center	605	411	17	103	74	0	29.3	18.7
DALLAS								
Vaughn Regional Medical Center	371	258	1	90	22	0	30.2	4.3
DEKALB								
DeKalb Regional Medical Center	537	386	8	81	62	0	26.6	11.4
ESCAMBIA								
D.W. McMillan Memorial Hospital	169	70	1	59	39	0	58.0	2.5
ETOWAH								
Gadsden Regional Medical Center	804	596	19	85	104	0	23.5	15.4
HOUSTON								
Flowers Hospital	1,490	894	10	355	231	0	39.3	4.1
Southeast Alabama Medical Center	1,458	909	23	285	241	0	36.1	8.7
JACKSON								
Highland Medical Center	291	189	4	65	33	0	33.7	10.8
JEFFERSON								
Brookwood Medical Center	3,048	1,898	25	888	237	0	36.9	9.5
Grandview Medical Center	2,844	1,816	11	840	177	0	35.8	5.9
Princeton Baptist Medical Center	547	389	44	73	41	0	20.8	51.8
St. Vincent's Birmingham	3,628	2,241	48	878	461	0	36.9	9.4
UAB Medical West	333	220	2	104	7	0	33.3	22.2
University of Alabama Hospital	3,914	2,321	139	938	516	0	37.1	21.2

¹ Only hospitals with 20 or more live births are listed by names. Caution should be exercised in using rates derived from small numbers.

^{2,3} See Appendix B for formulas to calculate rates.

TABLE 4 (Continued)
BIRTHS BY METHODS OF DELIVERY AND HOSPITALS¹ OF OCCURRENCE
WITH CESAREAN SECTION AND VAGINAL BIRTH AFTER CESAREAN RATES
ALABAMA, 2021

COUNTY AND HOSPITAL	Total	Vaginal	Vaginal After Cesarean Section	Primary Cesarean Section	Repeat Cesarean Section	Unknown	Cesarean Section Rate ²	Vaginal After Cesarean Section Rate ³
LAUDERDALE								
North Alabama Medical Center	1,334	880	5	268	181	0	33.7	2.7
LEE								
East Alabama Medical Center	2,191	1,402	54	410	325	0	33.5	14.2
LIMESTONE								
Athens-Limestone Hospital	414	302	3	80	29	0	26.3	9.4
MADISON								
Crestwood Medical Center	1,338	803	21	318	196	0	38.4	9.7
Huntsville Hospital	4,472	2,772	120	876	704	0	35.3	14.6
Madison Hospital	1,293	855	13	247	178	0	32.9	6.8
MARSHALL								
Marshall Medical Center North	574	461	19	40	54	0	16.4	26.0
Marshall Medical Center South	793	575	19	109	90	0	25.1	17.4
MOBILE								
Mobile Infirmary Medical Center	809	478	4	202	125	0	40.4	3.1
Providence Hospital	1,414	949	22	279	164	0	31.3	11.8
Springhill Memorial Hospital	1,517	786	6	474	251	0	47.8	2.3
USA Children's and Women's Hospital	2,389	1,374	68	524	423	0	39.6	13.8
MONROE								
Monroe County Hospital	230	115	2	62	51	0	49.1	3.8
MONTGOMERY								
Baptist Medical Center East	3,693	2,165	21	975	532	0	40.8	3.8
Baptist Medical Center South	708	385	10	155	158	0	44.2	6.0
Jackson Hospital	1,210	723	2	309	176	0	40.1	1.1
MORGAN								
Decatur Morgan Hospital	377	277	3	50	47	0	25.7	6.0
SHELBY								
Shelby Baptist Medical Center	399	269	10	65	55	0	30.1	15.4
TALLADEGA								
Coosa Valley Medical Center	531	319	3	104	105	0	39.4	2.8
TALLAPOOSA								
Russell Hospital	286	143	0	74	69	0	50.0	0.0
TUSCALOOSA								
DCH Regional Medical Center	1,639	1,082	10	337	210	0	33.4	4.5
Northport Medical Center	1,468	879	33	324	232	0	37.9	12.5
WALKER								
Walker Baptist Medical Center	809	589	0	203	17	0	27.2	0.0
All Other Hospitals	10	10	0	0	0	0	0.0	0.0
Out of Hospital	474	460	12	0	0	2	0.0	100.0

¹ Only hospitals with 20 or more live births are listed by names. Caution should be exercised in using rates derived from small numbers.

^{2,3} See Appendix B for formulas to calculate rates.

TABLE 5
TOTAL BIRTHS, BIRTHS TO UNMARRIED WOMEN AND PERCENT¹ OF
BIRTHS TO UNMARRIED WOMEN BY RACE AND AGE GROUP OF MOTHER
ALABAMA, 2021

AGE GROUP OF MOTHER	TOTAL BIRTHS			BIRTHS TO UNMARRIED WOMEN			PERCENT OF BIRTHS TO UNMARRIED WOMEN		
	ALL RACES	WHITE	BLACK AND OTHER	ALL RACES	WHITE	BLACK AND OTHER	ALL RACES	WHITE	BLACK AND OTHER
TOTAL	58,040	38,870	19,170	26,950	12,854	14,096	46.4	33.1	73.6
Under 15	59	31	28	59	31	28	100.0	---	---
15-17	930	493	437	883	456	427	94.9	92.5	97.7
18-19	2,711	1,588	1,123	2,423	1,334	1,089	89.4	84.0	97.1
20-24	14,386	9,049	5,337	9,739	4,915	4,824	67.7	54.3	90.4
25-29	18,171	12,485	5,686	7,447	3,243	4,204	41.0	26.0	74.0
30-34	14,436	10,307	4,129	4,255	1,885	2,370	29.5	18.3	57.4
35-39	6,122	4,151	1,971	1,746	802	944	28.5	19.3	47.9
40-44	1,159	725	434	383	179	204	33.0	24.7	47.0
45+	64	39	25	14	8	6	21.9	---	---
Not stated	2	2	0	1	1	0	---	---	---

¹ Percentages were not calculated in instances where there were fewer than 50 live births in specified population group. Denominator includes only live births where the marital status was known.

TABLE 6
PERCENT¹ OF BIRTHS TO UNMARRIED WOMEN BY RACE AND AGE GROUP OF MOTHER
ALABAMA, 2011-2021

RACE AND AGE GROUP OF MOTHER	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
TOTAL	42.1	42.6	42.2	43.2	43.8	44.7	47.1	46.8	46.8	48.4	46.4
Under 15	96.8	98.8	98.4	98.4	100.0	---	---	---	---	100.0	100.0
15-17	93.5	93.4	91.2	92.3	93.0	94.5	95.5	95.2	95.2	95.5	94.9
18-19	78.1	79.3	77.9	80.4	79.7	82.2	86.1	86.4	86.4	87.8	89.4
20-24	58.6	59.9	60.4	61.6	63.5	64.5	67.4	67.1	67.1	69.4	67.7
25-29	31.4	32.1	32.9	35.2	36.6	38.2	41.4	41.5	41.5	43.8	41.0
30-34	21.4	21.9	22.3	24.0	24.3	25.7	27.4	28.6	28.6	30.4	29.5
35-39	18.3	21.5	20.6	22.9	24.1	24.3	27.8	26.2	26.2	29.0	28.5
40-44	20.6	20.6	22.6	25.0	22.4	29.2	28.3	27	27.0	37.2	33.0
45+	19.6	---	19.3	---	20.4	---	18.5	13.8	13.8	24.6	21.9
WHITE	27.9	28.3	28.3	29.2	29.9	30.6	33.3	32.8	32.8	33.9	33.1
Under 15	91.9	97.1	96.3	96.6	---	---	---	---	---	---	---
15-17	88.9	88.6	86.1	87.4	88.7	90.9	92.8	91.6	91.6	92.5	92.5
18-19	65.2	68.4	66.6	71.1	70.5	73.4	79.2	79.8	79.8	81.6	84.0
20-24	41.7	43.1	44.3	45.0	47.3	48.9	52.6	52.4	52.4	55.3	54.3
25-29	18.7	18.8	19.4	21.1	22.5	23.1	26.6	26	26.0	27.5	26.0
30-34	12.3	12.0	12.6	13.9	14.2	15.9	17.4	17.6	17.6	18.4	18.3
35-39	11.6	13.5	12.7	13.7	16.4	15.3	17.6	17.2	17.2	18.4	19.3
40-44	15.6	13.1	15.3	17.9	16.3	21.7	21.1	18.4	18.4	24.0	24.7
45+	---	---	---	---	---	---	---	---	---	---	---
BLACK AND OTHER	70.8	70.6	69.8	71.0	71.5	72.6	73.4	74	74.0	75.2	73.6
Under 15	100.0	100.0	100.0	100.0	---	---	---	---	---	---	---
15-17	99.1	99.1	98.1	99.0	98.4	98.7	99.1	99	99.0	98.9	97.7
18-19	95.9	94.4	94.9	95.3	94.7	95.4	97.1	96.3	96.3	96.6	97.1
20-24	85.0	85.6	84.8	86.8	87.2	88.3	89.4	90.6	90.6	91.0	90.4
25-29	62.7	63.0	63.7	66.0	68.3	70.8	71.4	73.9	73.9	75.6	74.0
30-34	46.5	47.8	46.9	49.9	50.5	51.5	53.3	55	55.0	58.4	57.4
35-39	35.7	40.5	40.1	43.7	41.9	44.4	49.0	46.2	46.2	50.8	47.9
40-44	35.4	35.2	38.0	38.8	34.7	45.1	42.4	42.9	42.9	50.7	47.0
45+	---	---	---	---	---	---	---	---	---	---	---

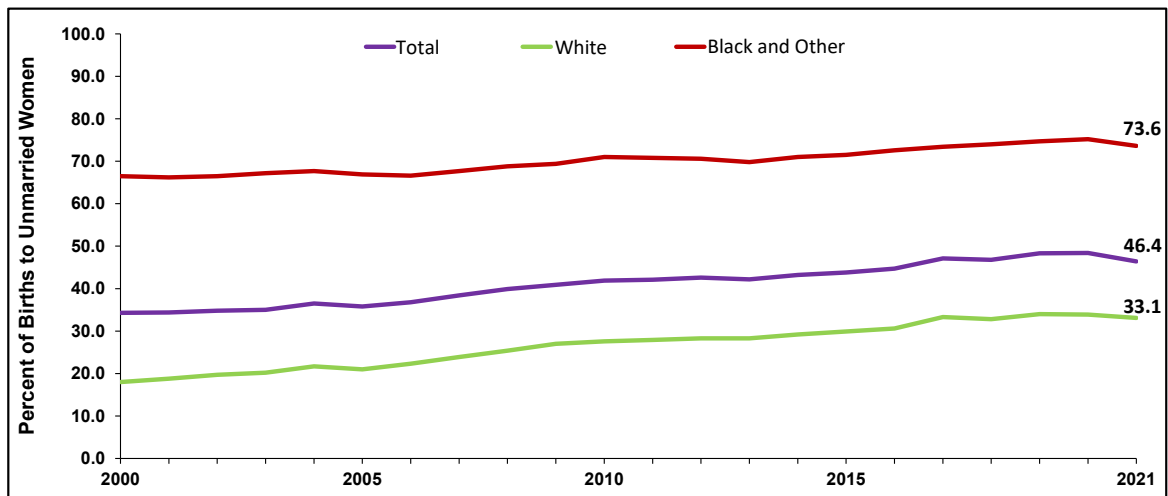
¹ Percentages were not calculated in instances where there were fewer than 50 live births in specified population group. Denominator includes only live births where the marital status was known.

**TABLE 7
NUMBER AND PERCENT¹ OF BIRTHS TO UNMARRIED WOMEN
BY RACE OF MOTHER
ALABAMA, 2000-2021**

YEAR	ALL RACES		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
2000	21,663	34.3	7,556	18.0	14,107	66.5
2001	20,739	34.4	7,615	18.8	13,124	66.2
2002	20,503	34.8	7,862	19.7	12,641	66.5
2003	20,788	35.0	8,230	20.2	12,558	67.2
2004	21,608	36.5	8,724	21.7	12,884	67.7
2005	21,549	35.8	8,595	21.0	12,954	66.9
2006	23,144	36.8	9,461	22.3	13,683	66.6
2007	24,616	38.4	10,278	23.9	14,338	67.7
2008	25,667	39.9	10,910	25.4	14,757	68.8
2009	25,561	40.9	11,324	27.0	14,237	69.4
2010	25,127	41.9	11,086	27.6	14,041	71.0
2011	24,946	42.1	11,102	27.9	13,844	70.8
2012	24,854	42.6	10,916	28.3	13,938	70.6
2013	24,566	42.2	10,913	28.3	13,653	69.8
2014	25,728	43.2	11,514	29.2	14,214	71.0
2015	26,150	43.8	11,843	29.9	14,307	71.5
2016	26,408	44.7	12,025	30.6	14,380	72.6
2017	27,736	47.1	12,910	33.3	14,826	73.4
2018	26,991	46.8	12,493	32.8	14,498	74.0
2019	28,326	48.3	12,919	34.0	15,407	74.7
2020	27,877	48.4	12,720	33.9	15,157	75.2
2021	26,950	46.4	12,854	33.1	14,096	73.6

¹ Denominator includes only live births where the marital status was known.

**FIGURE 4. PERCENT¹ OF BIRTHS TO UNMARRIED WOMEN BY RACE OF MOTHER
ALABAMA, 2000-2021**



¹ Denominator includes only live births where the marital status was known.

TABLE 8
NUMBER AND PERCENT¹ OF BIRTHS TO UNMARRIED WOMEN
BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	26,950	46.4	12,854	33.1	14,096	73.6
Autauga	281	40.4	166	32.2	115	63.9
Baldwin	1,007	40.3	749	35.0	258	72.1
Barbour	182	66.4	56	44.4	126	85.1
Bibb	111	48.3	74	41.8	37	69.8
Blount	219	31.7	211	31.8	8	29.6
Bullock	77	72.6	6	28.6	71	83.5
Butler	138	63.3	40	38.8	98	85.2
Calhoun	701	52.9	421	43.2	280	80.0
Chambers	226	57.1	106	42.6	120	81.6
Cherokee	114	44.7	104	43.3	10	66.7
Chilton	252	47.5	204	43.7	48	75.0
Choctaw	73	55.3	29	35.8	44	86.3
Clarke	165	59.1	42	33.3	123	80.4
Clay	75	50.7	50	42.4	25	83.3
Cleburne	66	37.1	62	36.5	4	50.0
Coffee	309	47.2	198	40.4	111	67.7
Colbert	279	43.1	197	36.5	82	75.9
Conecuh	95	70.4	26	45.6	69	88.5
Coosa	56	60.9	37	51.4	19	95.0
Covington	218	51.2	160	44.4	58	87.9
Crenshaw	78	51.0	50	43.9	28	71.8
Cullman	343	33.6	331	33.1	12	54.5
Dale	319	46.0	171	35.3	148	70.8
Dallas	340	77.4	32	34.8	308	88.8
DeKalb	296	35.5	259	36.5	37	29.6
Elmore	411	43.4	237	33.4	174	73.1
Escambia	253	59.4	133	48.4	120	79.5
Etowah	541	47.6	350	40.0	191	73.2
Fayette	76	40.6	56	34.6	20	80.0
Franklin	207	48.4	175	45.1	32	80.0
Geneva	160	55.4	136	52.3	24	82.8
Greene	80	86.0	2	20.0	78	94.0
Hale	133	64.6	31	34.8	102	87.2
Henry	91	53.2	37	34.3	54	85.7
Houston	705	53.2	296	36.0	409	81.3
Jackson	221	39.3	197	37.5	24	63.2
Jefferson	3,669	45.7	1,002	23.1	2,667	72.2
Lamar	78	49.7	66	46.8	12	75.0
Lauderdale	333	35.7	248	31.1	85	63.0
Lawrence	160	40.1	129	36.4	31	68.9
Lee	669	35.2	314	23.1	355	65.6
Limestone	360	30.4	279	27.4	81	49.1
Lowndes	97	71.3	3	12.0	94	84.7
Macon	126	70.0	10	25.6	116	82.3
Madison	1,496	34.6	668	22.3	828	62.3
Marengo	149	65.1	36	34.6	113	90.4
Marion	122	38.7	109	36.7	13	72.2
Marshall	608	40.9	441	39.1	167	46.8
Mobile	2,870	56.3	1,083	38.6	1,787	78.0
Monroe	158	65.8	42	38.5	116	88.5
Montgomery	1,974	64.6	333	35.2	1,641	77.7
Morgan	633	45.1	456	39.1	177	75.3
Perry	60	71.4	4	36.4	56	76.7
Pickens	93	52.8	33	31.4	60	84.5
Pike	204	59.0	64	36.0	140	83.3
Randolph	144	56.9	102	48.8	42	95.5
Russell	426	53.0	172	38.0	254	72.4
St. Clair	364	35.7	300	33.4	64	52.5
Shelby	596	26.0	402	21.6	194	44.6
Sumter	101	76.5	8	26.7	93	91.2
Talladega	520	60.2	253	47.0	267	81.9
Tallapoosa	241	57.9	111	41.3	130	88.4
Tuscaloosa	1,244	50.9	365	28.1	879	76.6
Walker	294	38.9	256	37.0	38	60.3
Washington	94	51.1	49	37.7	45	83.3
Wilcox	85	72.0	4	16.7	81	86.2
Winston	84	38.9	81	38.6	3	50.0

¹ Denominator includes only live births where the marital status was known. Percentages which apply to populations with fewer than 50 live births are shaded.

TABLE 9
BIRTHS BY LIVE BIRTH ORDER, RACE AND AGE GROUP OF MOTHER
ALABAMA, 2021

LIVE BIRTH ORDER AND RACE	AGE GROUP OF MOTHER								
	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40+	NOT STATED
TOTAL	58,040	59	3,641	14,386	18,171	14,436	6,122	1,223	2
White	38,870	31	2,081	9,049	12,485	10,307	4,151	764	2
Black and Other	19,170	28	1,560	5,337	5,686	4,129	1,971	459	0
FIRST	22,218	58	3,103	7,689	6,676	3,401	1,109	181	1
White	15,221	30	1,786	4,933	5,003	2,590	766	112	1
Black and Other	6,997	28	1,317	2,756	1,673	811	343	69	0
SECOND	18,184	1	472	4,485	6,040	5,096	1,790	300	0
White	12,590	1	268	2,841	4,217	3,822	1,259	182	0
Black and Other	5,594	0	204	1,644	1,823	1,274	531	118	0
THIRD	10,104	0	58	1,650	3,325	3,264	1,533	274	0
White	6,653	0	27	982	2,101	2,295	1,066	182	0
Black and Other	3,451	0	31	668	1,224	969	467	92	0
FOURTH	4,508	0	7	453	1,425	1,569	843	211	0
White	2,701	0	0	234	815	987	538	127	0
Black and Other	1,807	0	7	219	610	582	305	84	0
FIFTH AND ABOVE	3,025	0	1	109	704	1,106	847	257	1
White	1,704	0	0	59	348	613	522	161	1
Black and Other	1,321	0	1	50	356	493	325	96	0
NOT STATED	1	0	0	0	1	0	0	0	0
White	1	0	0	0	1	0	0	0	0
Black and Other	0	0	0	0	0	0	0	0	0

TABLE 10
BIRTHS BY TRIMESTER PRENATAL CARE BEGAN AND PERCENT¹ PRENATAL CARE BEGAN
IN FIRST TRIMESTER BY COUNTY OF RESIDENCE
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL	NO PRENATAL CARE	PERCENT ¹ FIRST TRIMESTER	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NOT STATED ²
TOTAL	58,040	1,259	68.3	39,514	13,829	3,222	216
Autauga	696	5	74.6	518	141	30	2
Baldwin	2,502	21	73.2	1,823	508	138	12
Barbour	274	15	61.4	167	62	28	2
Bibb	230	3	67.2	154	60	12	1
Blount	690	10	69.1	476	180	23	1
Bullock	106	2	44.8	47	46	10	1
Butler	218	4	62.8	137	62	15	0
Calhoun	1,328	26	71.5	948	282	69	3
Chambers	396	1	68.7	272	96	27	0
Cherokee	255	8	68.3	170	56	15	6
Chilton	531	13	70.5	372	121	22	3
Choctaw	132	3	78.8	104	23	2	0
Clarke	279	0	71.0	198	70	11	0
Clay	148	2	74.7	109	24	11	2
Cleburne	178	8	64.0	114	53	3	0
Coffee	654	10	65.7	429	150	64	1
Colbert	648	11	71.8	464	135	36	2
Conecuh	135	1	68.1	92	29	13	0
Coosa	92	1	67.4	62	24	5	0
Covington	426	5	66.4	283	116	22	0
Crenshaw	153	1	77.0	117	27	7	1
Cullman	1,022	14	69.5	708	252	44	4
Dale	694	10	68.8	477	142	64	1
Dallas	439	8	58.9	258	143	29	1
DeKalb	835	68	62.3	512	184	58	13
Elmore	947	17	71.3	673	198	56	3
Escambia	426	12	71.7	302	88	19	5
Etowah	1,138	33	67.6	768	260	75	2
Fayette	187	1	61.8	115	63	7	1
Franklin	429	15	56.4	241	127	44	2
Geneva	289	4	68.8	198	59	27	1
Greene	93	1	52.7	49	36	7	0
Hale	206	4	60.7	125	68	9	0
Henry	171	1	83.0	142	27	1	0
Houston	1,328	14	71.1	943	291	78	2
Jackson	563	6	70.3	389	124	34	10
Jefferson	8,040	101	68.8	5,511	1,997	406	25
Lamar	157	3	59.6	93	51	9	1
Lauderdale	933	9	69.8	649	209	63	3
Lawrence	400	4	69.2	276	96	23	1
Lee	1,903	12	76.0	1,434	335	105	17
Limestone	1,186	34	68.0	804	262	82	4
Lowndes	136	5	68.4	93	34	4	0
Macon	180	5	69.1	123	41	9	2
Madison	4,328	94	65.1	2,808	1,187	222	17
Marengo	229	1	71.6	164	52	12	0
Marion	315	7	72.8	228	63	15	2
Marshall	1,486	253	53.2	789	351	89	4
Mobile	5,096	68	74.0	3,765	1,049	207	7
Monroe	240	1	77.9	187	41	11	0
Montgomery	3,057	83	57.9	1,765	894	306	9
Morgan	1,402	91	58.4	817	384	107	3
Perry	84	0	65.5	55	27	2	0
Pickens	176	2	64.8	114	55	5	0
Pike	346	7	70.8	245	74	20	0
Randolph	253	2	73.9	187	56	8	0
Russell	805	18	76.9	603	132	31	21
St. Clair	1,022	9	70.7	723	257	33	0
Shelby	2,297	14	74.7	1,709	475	91	8
Sumter	132	2	61.8	81	44	4	1
Talladega	864	8	68.1	588	227	40	1
Tallapoosa	416	0	77.9	324	76	16	0
Tuscaloosa	2,445	34	61.7	1,505	773	127	6
Walker	755	21	73.2	551	148	33	2
Washington	185	4	72.4	134	36	11	0
Wilcox	118	3	65.3	77	32	6	0
Winston	216	6	72.2	156	44	10	0

¹ Denominator includes only live births where the trimester information was known.

² Includes unknown and missing data.

TABLE 11
BIRTHS AND PERCENT¹ OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE AND COUNTY OF RESIDENCE
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL	ADEQUATE PLUS	PERCENT ¹ ADEQUATE PLUS	ADEQUATE	PERCENT ¹ ADEQUATE	INTER-MEDIATE	PERCENT ¹ INTER-MEDIATE	INADEQUATE	PERCENT ¹ INADEQUATE	UNKNOWN
TOTAL	58,040	20,485	36.3	21,749	38.5	4,699	8.3	9,510	16.8	1,597
Autauga	696	253	36.9	296	43.1	40	5.8	97	14.1	10
Baldwin	2,502	992	40.2	955	38.7	147	6.0	372	15.1	36
Barbour	274	87	33.9	88	34.2	21	8.2	61	23.7	17
Bibb	230	80	35.6	88	39.1	23	10.2	34	15.1	5
Blount	690	231	34.1	313	46.2	36	5.3	98	14.5	12
Bullock	106	36	35.3	31	30.4	6	5.9	29	28.4	4
Butler	218	78	36.8	70	33.0	20	9.4	44	20.8	6
Calhoun	1,328	392	30.2	564	43.5	144	11.1	196	15.1	32
Chambers	396	155	39.3	140	35.5	22	5.6	77	19.5	2
Cherokee	255	76	31.5	110	45.6	13	5.4	42	17.4	14
Chilton	531	159	30.9	245	47.7	36	7.0	74	14.4	17
Choctaw	132	62	48.1	50	38.8	4	3.1	13	10.1	3
Clarke	279	108	39.0	104	37.5	33	11.9	32	11.6	2
Clay	148	59	41.3	43	30.1	17	11.9	24	16.8	5
Cleburne	178	70	41.2	66	38.8	12	7.1	22	12.9	8
Coffee	654	239	37.3	246	38.4	9	1.4	147	22.9	13
Colbert	648	270	42.6	238	37.5	34	5.4	92	14.5	14
Conecuh	135	48	35.8	52	38.8	9	6.7	25	18.7	1
Coosa	92	27	29.7	32	35.2	22	24.2	10	11.0	1
Covington	426	175	41.7	159	37.9	13	3.1	73	17.4	6
Crenshaw	153	63	41.7	64	42.4	7	4.6	17	11.3	2
Cullman	1,022	329	32.8	432	43.1	91	9.1	150	15.0	20
Dale	694	290	42.6	231	34.0	16	2.4	143	21.0	14
Dallas	439	184	42.8	130	30.2	22	5.1	94	21.9	9
DeKalb	835	241	32.2	307	41.0	51	6.8	149	19.9	87
Elmore	947	319	34.7	396	43.1	46	5.0	157	17.1	29
Escambia	426	164	40.2	160	39.2	25	6.1	59	14.5	18
Etowah	1,138	353	32.1	483	43.9	77	7.0	188	17.1	37
Fayette	187	64	34.6	73	39.5	14	7.6	34	18.4	2
Franklin	429	145	35.2	138	33.5	26	6.3	103	25.0	17
Geneva	289	126	44.5	96	33.9	8	2.8	53	18.7	6
Greene	93	25	27.2	26	28.3	15	16.3	26	28.3	1
Hale	206	63	31.2	74	36.6	31	15.3	34	16.8	4
Henry	171	86	50.6	71	41.8	4	2.4	9	5.3	1

¹ Percentages include only those live births where the Adequacy of Prenatal Care Utilization Index (Kotelchuck Index) value was known. See Appendix B.

TABLE 11 (Continued)
BIRTHS AND PERCENT¹ OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE AND COUNTY OF RESIDENCE
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL	ADEQUATE PLUS	PERCENT ¹ ADEQUATE PLUS	ADEQUATE	PERCENT ¹ ADEQUATE	INTER-MEDIATE	PERCENT ¹ INTER-MEDIATE	INADEQUATE	PERCENT ¹ INADEQUATE	UNKNOWN
TOTAL	58,040	20,485	36.3	21,749	38.5	4,699	8.3	9,510	16.8	1,597
Houston	1,328	624	47.8	451	34.5	23	1.8	208	15.9	22
Jackson	563	217	39.9	197	36.2	43	7.9	87	16.0	19
Jefferson	8,040	2,785	35.2	3,347	42.3	517	6.5	1,258	15.9	133
Lamar	157	53	34.9	43	28.3	15	9.9	41	27.0	5
Lauderdale	933	357	38.8	347	37.8	60	6.5	155	16.9	14
Lawrence	400	162	41.0	150	38.0	19	4.8	64	16.2	5
Lee	1,903	901	48.1	593	31.7	98	5.2	281	15.0	30
Limestone	1,186	395	34.5	412	36.0	126	11.0	211	18.4	42
Lowndes	136	50	38.2	52	39.7	7	5.3	22	16.8	5
Macon	180	78	45.1	50	28.9	12	6.9	33	19.1	7
Madison	4,328	1,266	30.1	1,577	37.5	603	14.3	764	18.1	118
Marengo	229	80	35.2	88	38.8	32	14.1	27	11.9	2
Marion	315	113	37.0	113	37.0	25	8.2	54	17.7	10
Marshall	1,486	426	34.7	460	37.5	85	6.9	256	20.9	259
Mobile	5,096	1,854	37.0	1,797	35.8	660	13.2	704	14.0	81
Monroe	240	93	38.9	106	44.4	16	6.7	24	10.0	1
Montgomery	3,057	950	32.2	1,080	36.6	139	4.7	780	26.4	108
Morgan	1,402	477	36.6	435	33.3	95	7.3	298	22.8	97
Perry	84	39	47.0	26	31.3	2	2.4	16	19.3	1
Pickens	176	77	44.5	53	30.6	13	7.5	30	17.3	3
Pike	346	135	40.2	131	39.0	10	3.0	60	17.9	10
Randolph	253	105	42.0	91	36.4	25	10.0	29	11.6	3
Russell	805	232	30.4	313	41.0	124	16.2	95	12.4	41
St. Clair	1,022	391	38.6	430	42.4	76	7.5	116	11.5	9
Shelby	2,297	818	36.0	1,040	45.7	142	6.2	274	12.0	23
Sumter	132	58	45.0	40	31.0	7	5.4	24	18.6	3
Talladega	864	246	28.8	336	39.3	144	16.8	129	15.1	9
Tallapoosa	416	268	64.6	79	19.0	23	5.5	45	10.8	1
Tuscaloosa	2,445	749	31.2	788	32.8	396	16.5	470	19.6	42
Walker	755	242	33.2	356	48.8	31	4.2	101	13.8	25
Washington	185	74	40.9	63	34.8	20	11.0	24	13.3	4
Wilcox	118	49	43.0	34	29.8	9	7.9	22	19.3	4
Winston	216	72	34.3	100	47.6	8	3.8	30	14.3	6

¹ Percentages include only those live births where the Adequacy of Prenatal Care Utilization Index (Kotelchuck Index) value was known. See Appendix B.

TABLE 12
BIRTHS BY RACE, AGE GROUP OF MOTHER AND ADEQUACY OF PRENATAL CARE¹
ALABAMA, 2021

RACE AND AGE GROUP OF MOTHER	TOTAL	ADEQUACY OF PRENATAL CARE				
		ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE	UNKNOWN
ALL RACES	58,040	20,485	21,749	4,699	9,510	1,597
Under 15	59	8	11	4	26	10
15-19	3,641	1,060	1,139	313	977	152
20-24	14,386	4,805	5,199	1,118	2,855	409
25-29	18,171	6,405	7,128	1,551	2,642	445
30-34	14,436	5,243	5,750	1,171	1,944	328
35-39	6,122	2,447	2,151	455	862	207
40-44	1,159	481	359	81	195	43
45+	64	35	12	6	9	2
Not stated	2	1	0	0	0	1
WHITE	38,870	13,684	15,415	3,180	5,707	884
Under 15	31	5	7	1	11	7
15-19	2,081	613	694	169	524	81
20-24	9,049	3,041	3,489	645	1,664	210
25-29	12,485	4,426	5,137	1,081	1,584	257
30-34	10,307	3,695	4,300	887	1,228	197
35-39	4,151	1,602	1,534	338	567	110
40-44	725	278	246	55	126	20
45+	39	23	8	4	3	1
Not stated	2	1	0	0	0	1
BLACK AND OTHER	19,170	6,801	6,334	1,519	3,803	713
Under 15	28	3	4	3	15	3
15-19	1,560	447	445	144	453	71
20-24	5,337	1,764	1,710	473	1,191	199
25-29	5,686	1,979	1,991	470	1,058	188
30-34	4,129	1,548	1,450	284	716	131
35-39	1,971	845	617	117	295	97
40-44	434	203	113	26	69	23
45+	25	12	4	2	6	1
Not stated	0	0	0	0	0	0

¹ See Appendix B for the Adequacy of Prenatal Care Utilization Index (Kotelchuck Index).

TABLE 13
BIRTHS BY BIRTH WEIGHT¹, RACE AND AGE GROUP OF MOTHER
ALABAMA, 2021

BIRTH WEIGHT AND RACE	AGE GROUP OF MOTHER										
	TOTAL	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	NOT STATED
ALL BIRTH WEIGHTS	58,040	59	930	2,711	14,386	18,171	14,436	6,122	1,159	64	2
White	38,870	31	493	1,588	9,049	12,485	10,307	4,151	725	39	2
Black and Other	19,170	28	437	1,123	5,337	5,686	4,129	1,971	434	25	0
UNDER 500 GRAMS	123	0	4	6	38	27	30	16	2	0	0
White	49	0	1	5	12	9	15	6	1	0	0
Black and Other	74	0	3	1	26	18	15	10	1	0	0
500-999 GRAMS	409	1	5	24	87	118	100	58	16	0	0
White	169	1	2	9	38	45	47	19	8	0	0
Black and Other	240	0	3	15	49	73	53	39	8	0	0
1,000-1,499 GRAMS	546	1	9	21	129	179	117	74	14	2	0
White	263	0	2	11	55	80	72	39	4	0	0
Black and Other	283	1	7	10	74	99	45	35	10	2	0
1,500-1,999 GRAMS	1,239	5	17	72	304	365	264	178	31	3	0
White	669	4	7	34	153	189	174	88	19	1	0
Black and Other	570	1	10	38	151	176	90	90	12	2	0
2,000-2,499 GRAMS	3,753	4	68	204	960	1,130	889	393	94	11	0
White	2,007	2	24	92	476	616	521	230	40	6	0
Black and Other	1,746	2	44	112	484	514	368	163	54	5	0
2,500-4,499 GRAMS	51,543	48	822	2,374	12,792	16,240	12,896	5,333	988	48	2
White	35,369	24	454	1,430	8,248	11,451	9,370	3,716	642	32	2
Black and Other	16,174	24	368	944	4,544	4,789	3,526	1,617	346	16	0
4,500 GRAMS AND ABOVE	420	0	5	9	75	111	138	68	14	0	0
White	341	0	3	7	67	94	106	53	11	0	0
Black and Other	79	0	2	2	8	17	32	15	3	0	0
NOT STATED	7	0	0	1	1	1	2	2	0	0	0
White	3	0	0	0	0	1	2	0	0	0	0
Black and Other	4	0	0	1	1	0	0	2	0	0	0

¹ See Appendix B for conversion from grams to pounds and ounces.

TABLE 14
LOW WEIGHT BIRTHS¹ AND PERCENT² OF LOW WEIGHT BIRTHS BY RACE³
ALABAMA, 1970-2021

YEAR	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
1970	6,045	9.0	3,119	6.9	2,926	13.3
1971	5,841	8.8	3,011	6.8	2,830	12.6
1972	5,373	8.7	2,590	6.5	2,783	12.9
1973	5,122	8.6	2,558	6.6	2,564	12.4
1974	5,031	8.5	2,423	6.3	2,608	12.6
1975	4,886	8.4	2,414	6.4	2,472	12.1
1976	4,753	8.2	2,366	6.3	2,387	11.7
1977	4,912	7.9	2,351	6.8	2,561	11.8
1978	5,042	8.4	2,405	6.2	2,637	12.3
1979	4,968	8.0	2,298	5.8	2,670	11.8
1980	4,985	7.9	2,273	5.6	2,712	11.9
1981	4,885	7.9	2,326	5.9	2,559	11.7
1982	4,755	7.9	2,228	5.7	2,527	11.8
1983	4,679	7.9	2,294	6.0	2,385	11.6
1984	4,687	7.9	2,176	5.7	2,511	12.0
1985	4,785	8.0	2,323	6.0	2,462	11.9
1986	4,767	8.0	2,317	6.0	2,450	11.8
1987	4,790	8.0	2,301	5.9	2,489	12.0
1988	4,880	8.0	2,330	6.0	2,550	11.8
1989	5,171	8.3	2,462	6.1	2,709	12.1
1990	5,331	8.4	2,546	6.2	2,785	12.5
1991	5,470	8.7	2,622	6.5	2,848	12.9
1992	5,275	8.5	2,476	6.2	2,799	12.7
1993	5,376	8.7	2,663	6.7	2,713	12.5
1994	5,533	9.1	2,738	6.9	2,795	13.1
1995	5,448	9.0	2,815	7.1	2,633	12.8
1996	5,635	9.3	2,909	7.3	2,726	13.2
1997	5,639	9.3	2,993	7.4	2,646	12.9
1998	5,748	9.3	3,031	7.3	2,717	13.2
1999	5,800	9.3	3,049	7.3	2,751	13.5
2000	6,154	9.7	3,242	7.7	2,912	13.7
2001	5,815	9.6	3,067	7.6	2,748	13.9
2002	5,844	9.9	3,151	7.9	2,693	14.2
2003	5,932	10.0	3,275	8.1	2,657	14.2
2004	6,204	10.3	3,383	8.4	2,821	14.8
2005	6,428	10.7	3,527	8.6	2,901	15.0
2006	6,616	10.5	3,523	8.3	3,093	15.1
2007	6,695	10.4	3,535	8.2	3,160	14.9
2008	6,716	10.6	3,478	8.3	3,238	15.3
2009	6,472	10.4	3,436	8.2	3,036	14.8
2010	6,183	10.3	3,299	8.2	2,884	14.6
2011	5,908	10.0	3,071	7.7	2,837	14.5
2012	5,866	10.1	2,995	7.8	2,871	14.5
2013	5,824	10.0	3,072	8.0	2,752	14.1
2014	6,025	10.1	3,124	7.9	2,901	14.5
2015	6,227	10.4	3,163	8.0	3,064	15.3
2016	6,104	10.3	3,131	8.0	2,973	15.0
2017	6,052	10.3	3,017	7.8	3,035	15.0
2018	6,192	10.7	3,097	8.1	3,095	15.8
2019	6,153	10.5	2,957	7.8	3,196	15.5
2020	6,228	10.8	3,087	8.2	3,141	15.6
2021	6,070	10.5	3,157	8.1	2,913	15.2

¹ Low weight births are births weighing under 2,500 grams.

² Denominator includes only live births with known birth weights.

³ Data for 1970-1989 are by race of child. Data for 1990-2021 are by race of mother.

TABLE 15
LOW WEIGHT BIRTHS¹ AND PERCENT² OF LOW WEIGHT BIRTHS
BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	6,070	10.5	3,157	8.1	2,913	15.2
Autauga	75	10.8	43	8.3	32	17.8
Baldwin	213	8.5	168	7.8	45	12.5
Barbour	40	14.6	7	5.6	33	22.3
Bibb	26	11.3	19	10.7	7	13.2
Blount	61	8.8	55	8.3	6	22.2
Bullock	15	14.2	2	9.5	13	15.3
Butler	24	11.0	8	7.8	16	13.9
Calhoun	115	8.7	76	7.8	39	11.0
Chambers	52	13.1	27	10.8	25	17.0
Cherokee	14	5.5	13	5.4	1	6.7
Chilton	38	7.2	33	7.1	5	7.8
Choctaw	11	8.3	2	2.5	9	17.6
Clarke	40	14.3	12	9.5	28	18.3
Clay	20	13.5	13	11.0	7	23.3
Cleburne	14	7.9	14	8.2	0	0.0
Coffee	51	7.8	35	7.1	16	9.8
Colbert	72	11.1	58	10.7	14	13.0
Conecuh	26	19.3	6	10.5	20	25.6
Coosa	9	9.8	7	9.7	2	10.0
Covington	34	8.0	22	6.1	12	18.2
Crenshaw	12	7.8	5	4.4	7	17.9
Cullman	88	8.6	85	8.5	3	13.6
Dale	65	9.4	48	9.9	17	8.1
Dallas	58	13.2	6	6.5	52	15.0
DeKalb	65	7.8	58	8.2	7	5.6
Elmore	89	9.4	54	7.6	35	14.7
Escambia	32	7.5	15	5.5	17	11.3
Etowah	90	7.9	61	7.0	29	11.1
Fayette	18	9.6	12	7.4	6	24.0
Franklin	42	9.8	37	9.5	5	12.5
Geneva	28	9.7	22	8.5	6	20.7
Greene	18	19.4	1	10.0	17	20.5
Hale	24	11.7	6	6.7	18	15.4
Henry	22	12.9	8	7.4	14	22.2
Houston	135	10.2	59	7.2	76	15.1
Jackson	51	9.1	47	9.0	4	10.5
Jefferson	901	11.2	320	7.4	581	15.7
Lamar	19	12.1	15	10.6	4	25.0
Lauderdale	79	8.5	59	7.4	20	14.8
Lawrence	36	9.0	33	9.3	3	6.7
Lee	189	9.9	111	8.1	78	14.4
Limestone	111	9.4	77	7.5	34	20.6
Lowndes	30	22.1	1	4.0	29	26.1
Macon	16	8.9	2	5.1	14	9.9
Madison	428	9.9	241	8.0	187	14.1
Marengo	34	14.8	11	10.6	23	18.4
Marion	44	14.0	42	14.1	2	11.1
Marshall	104	7.0	81	7.2	23	6.4
Mobile	618	12.1	239	8.5	379	16.5
Monroe	31	12.9	13	11.9	18	13.7
Montgomery	419	13.7	82	8.7	337	16.0
Morgan	140	10.0	102	8.7	38	16.2
Perry	11	13.1	1	9.1	10	13.7
Pickens	24	13.6	14	13.3	10	14.1
Pike	47	13.6	17	9.6	30	17.9
Randolph	22	8.7	14	6.7	8	18.2
Russell	70	8.7	33	7.3	37	10.5
St. Clair	96	9.4	77	8.6	19	15.6
Shelby	207	9.0	138	7.4	69	15.9
Sumter	21	15.9	3	10.0	18	17.6
Talladega	105	12.2	54	10.0	51	15.6
Tallapoosa	39	9.4	16	5.9	23	15.6
Tuscaloosa	304	12.4	115	8.9	189	16.5
Walker	81	10.7	71	10.3	10	15.9
Washington	20	10.8	13	10.0	7	12.7
Wilcox	22	18.6	3	12.5	19	20.2
Winston	15	6.9	15	7.1	0	0.0

¹ Low weight births are births weighing under 2,500 grams.

² Denominator includes only live births with known birth weights. Percentages which apply to populations with fewer than 50 live births are shaded.

TABLE 16
LOW WEIGHT BIRTHS¹ AND PERCENT² OF LOW WEIGHT BIRTHS
BY RACE AND AGE GROUP OF MOTHER
ALABAMA, 2021

RACE AND AGE GROUP OF MOTHER	TOTAL BIRTHS	LOW WEIGHT BIRTHS	PERCENT OF LOW WEIGHT BIRTHS	UNKNOWN/ NOT STATED
ALL RACES	58,040	6,070	10.5	7
Under 15	59	11	18.6	0
15-17	930	103	11.1	0
18-19	2,711	327	12.1	1
20-24	14,386	1,518	10.6	1
25-29	18,171	1,819	10.0	1
30-34	14,436	1,400	9.7	2
35-39	6,122	719	11.7	2
40-44	1,159	157	13.5	0
45+	64	16	25.0	0
Not stated	2	0	---	0
WHITE	38,870	3,157	8.1	3
Under 15	31	7	---	0
15-17	493	36	7.3	0
18-19	1,588	151	9.5	0
20-24	9,049	734	8.1	0
25-29	12,485	939	7.5	1
30-34	10,307	829	8.0	2
35-39	4,151	382	9.2	0
40-44	725	72	9.9	0
45+	39	7	---	0
Not stated	2	0	---	0
BLACK AND OTHER	19,170	2,913	15.2	4
Under 15	28	4	---	0
15-17	437	67	15.3	0
18-19	1,123	176	15.7	1
20-24	5,337	784	14.7	1
25-29	5,686	880	15.5	0
30-34	4,129	571	13.8	0
35-39	1,971	337	17.1	2
40-44	434	85	19.6	0
45+	25	9	---	0
Not stated	0	0	---	0

¹ Low weight births are births weighing under 2,500 grams.

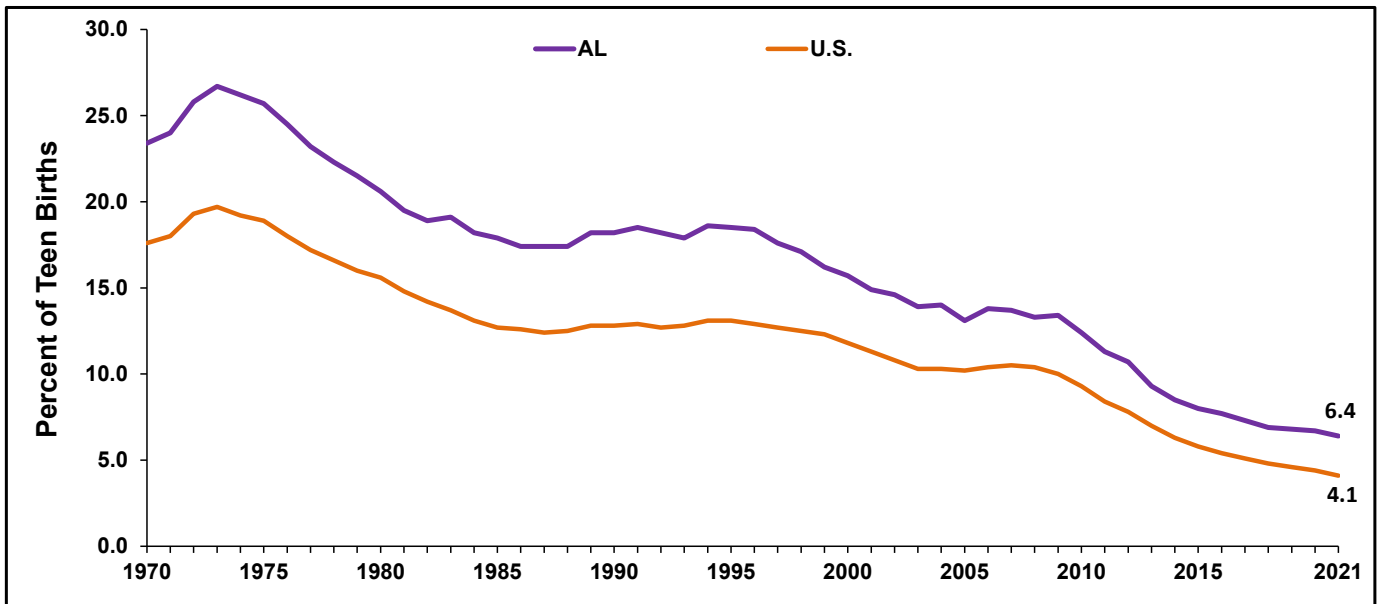
² Percentages were not calculated in instances where there were fewer than 50 live births in specified population group. Denominator includes only births with known birth weights.

**TABLE 17
NUMBER AND PERCENT OF BIRTHS TO TEENAGE MOTHERS BY RACE¹
ALABAMA AND UNITED STATES, 1970-2021**

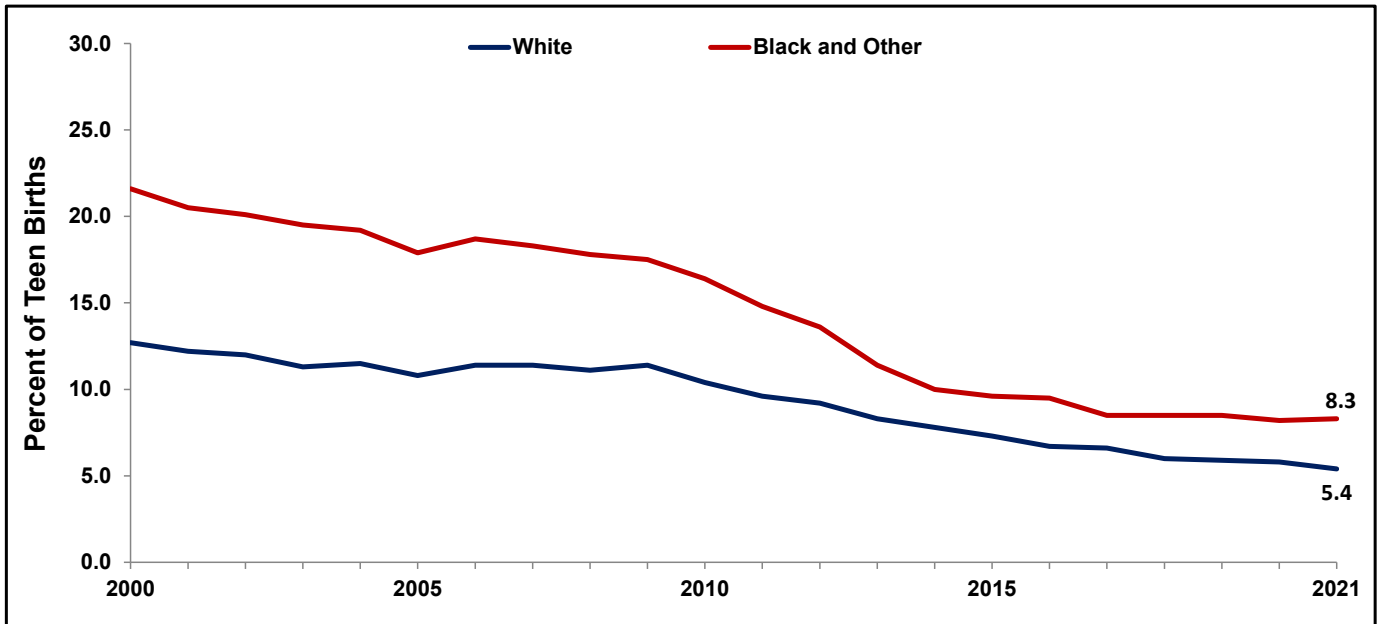
YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. PERCENT	ALABAMA		ALABAMA	
	NUMBER	PERCENT		NUMBER	PERCENT	NUMBER	PERCENT
1970	15,834	23.4	17.6	8,734	19.2	7,100	32.1
1971	15,990	24.0	18.0	8,568	19.4	7,422	32.9
1972	15,917	25.8	19.3	8,279	20.6	7,638	35.3
1973	15,895	26.7	19.7	8,338	21.5	7,557	36.6
1974	15,547	26.2	19.2	8,112	21.0	7,435	35.9
1975	14,906	25.7	18.9	7,737	20.6	7,169	35.2
1976	14,211	24.5	18.0	7,240	19.4	6,971	34.0
1977	14,357	23.2	17.2	7,420	18.4	6,937	32.1
1978	13,409	22.3	16.6	6,868	17.8	6,541	30.5
1979	13,427	21.5	16.0	6,758	17.0	6,669	29.4
1980	13,048	20.6	15.6	6,730	16.6	6,318	27.7
1981	11,976	19.5	14.8	6,229	15.7	5,747	26.3
1982	11,371	18.9	14.2	5,884	15.1	5,487	25.6
1983	11,262	19.1	13.7	5,789	15.1	5,473	26.6
1984	10,751	18.2	13.1	5,520	14.4	5,231	25.1
1985	10,689	17.9	12.7	5,625	14.4	5,064	24.6
1986	10,357	17.4	12.6	5,280	13.7	5,077	24.4
1987	10,354	17.4	12.4	5,283	13.6	5,071	24.5
1988	10,590	17.4	12.5	5,402	13.8	5,188	24.1
1989	11,405	18.2	12.8	5,613	14.0	5,792	25.8
1990	11,552	18.2	12.8	5,905	14.4	5,647	25.3
1991	11,600	18.5	12.9	5,769	14.2	5,831	26.3
1992	11,299	18.2	12.7	5,580	13.9	5,719	25.9
1993	11,019	17.9	12.8	5,433	13.6	5,586	25.7
1994	11,333	18.6	13.1	5,563	14.1	5,770	27.1
1995	11,175	18.5	13.1	5,674	14.3	5,501	26.7
1996	11,115	18.4	12.9	5,636	14.0	5,479	27.0
1997	10,724	17.6	12.7	5,547	13.7	5,177	25.3
1998	10,617	17.1	12.5	5,529	13.3	5,088	24.8
1999	10,069	16.2	12.3	5,373	12.9	4,696	23.0
2000	9,916	15.7	11.8	5,338	12.7	4,578	21.6
2001	8,993	14.9	11.3	4,920	12.2	4,073	20.5
2002	8,589	14.6	10.8	4,769	12.0	3,820	20.1
2003	8,248	13.9	10.3	4,596	11.3	3,652	19.5
2004	8,259	14.0	10.3	4,600	11.5	3,659	19.2
2005	7,903	13.1	10.2	4,434	10.8	3,469	17.9
2006	8,670	13.8	10.4	4,825	11.4	3,845	18.7
2007	8,776	13.7	10.5	4,899	11.4	3,877	18.3
2008	8,567	13.3	10.4	4,742	11.1	3,825	17.8
2009	8,365	13.4	10.0	4,769	11.4	3,596	17.5
2010	7,446	12.4	9.3	4,196	10.4	3,250	16.4
2011	6,697	11.3	8.4	3,799	9.6	2,898	14.8
2012	6,236	10.7	7.8	3,546	9.2	2,690	13.6
2013	5,420	9.3	7.0	3,194	8.3	2,226	11.4
2014	5,084	8.5	6.3	3,075	7.8	2,009	10.0
2015	4,790	8.0	5.8	2,876	7.3	1,914	9.6
2016	4,526	7.7	5.4	2,642	6.7	1,884	9.5
2017	4,285	7.3	5.1	2,569	6.6	1,716	8.5
2018	3,961	6.9	4.8	2,288	6.0	1,673	8.5
2019	4,002	6.8	4.6	2,253	5.9	1,749	8.5
2020	3,837	6.7	4.4	2,183	5.8	1,654	8.2
2021	3,700	6.4	4.1	2,112	5.4	1,588	8.3

¹ Data for 1970-1989 are by race of child. Data for 1990-2021 are by race of mother.

**FIGURE 5. PERCENT OF BIRTHS TO TEENAGE MOTHERS
ALABAMA AND UNITED STATES, 1970-2021**



**FIGURE 6. PERCENT OF BIRTHS TO TEENAGE MOTHERS BY RACE OF MOTHER
ALABAMA, 2000-2021**



**TABLE 18
NUMBER AND PERCENT¹ OF BIRTHS TO TEENAGE MOTHERS
BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2021**

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	3,700	6.4	2,112	5.4	1,588	8.3
Autauga	40	5.7	29	5.6	11	6.1
Baldwin	118	4.7	94	4.4	24	6.7
Barbour	28	10.2	14	11.1	14	9.5
Bibb	21	9.1	16	9.0	5	9.4
Blount	41	5.9	40	6.0	1	3.7
Bullock	10	9.4	1	4.8	9	10.6
Butler	16	7.3	4	3.9	12	10.4
Calhoun	90	6.8	60	6.2	30	8.5
Chambers	31	7.8	20	8.0	11	7.5
Cherokee	18	7.1	17	7.1	1	6.7
Chilton	49	9.2	40	8.6	9	14.1
Choctaw	11	8.3	7	8.6	4	7.8
Clarke	9	3.2	3	2.4	6	3.9
Clay	11	7.4	8	6.8	3	10.0
Cleburne	12	6.7	12	7.1	0	0.0
Coffee	56	8.6	39	8.0	17	10.4
Colbert	35	5.4	25	4.6	10	9.3
Conecuh	13	9.6	3	5.3	10	12.8
Coosa	4	4.3	4	5.6	0	0.0
Covington	51	12.0	39	10.8	12	18.2
Crenshaw	14	9.2	11	9.6	3	7.7
Cullman	64	6.3	63	6.3	1	4.5
Dale	51	7.3	33	6.8	18	8.6
Dallas	41	9.3	3	3.3	38	11.0
DeKalb	73	8.7	60	8.5	13	10.4
Elmore	45	4.8	29	4.1	16	6.7
Escambia	43	10.1	27	9.8	16	10.6
Etowah	98	8.6	72	8.2	26	9.9
Fayette	10	5.3	9	5.6	1	4.0
Franklin	48	11.2	36	9.3	12	30.0
Geneva	18	6.2	13	5.0	5	17.2
Greene	16	17.2	0	0.0	16	19.3
Hale	17	8.3	5	5.6	12	10.3
Henry	10	5.8	8	7.4	2	3.2
Houston	98	7.4	36	4.4	62	12.3
Jackson	46	8.2	42	8.0	4	10.5
Jefferson	412	5.1	130	3.0	282	7.6
Lamar	23	14.6	22	15.6	1	6.3
Lauderdale	46	4.9	41	5.1	5	3.7
Lawrence	36	9.0	31	8.7	5	11.1
Lee	83	4.4	50	3.7	33	6.1
Limestone	67	5.6	55	5.4	12	7.3
Lowndes	10	7.4	1	4.0	9	8.1
Macon	14	7.8	0	0.0	14	9.9
Madison	172	4.0	102	3.4	70	5.3
Marengo	15	6.6	7	6.7	8	6.4
Marion	26	8.3	24	8.1	2	11.1
Marshall	133	9.0	94	8.3	39	10.9
Mobile	363	7.1	173	6.2	190	8.3
Monroe	21	8.8	6	5.5	15	11.5
Montgomery	239	7.8	45	4.8	194	9.2
Morgan	95	6.8	74	6.3	21	8.9
Perry	9	10.7	0	0.0	9	12.3
Pickens	15	8.5	6	5.7	9	12.7
Pike	18	5.2	8	4.5	10	6.0
Randolph	18	7.1	14	6.7	4	9.1
Russell	52	6.5	22	4.9	30	8.5
St. Clair	49	4.8	43	4.8	6	4.9
Shelby	67	2.9	52	2.8	15	3.4
Sumter	11	8.3	1	3.3	10	9.8
Talladega	70	8.1	45	8.4	25	7.7
Tallapoosa	35	8.4	18	6.7	17	11.6
Tuscaloosa	144	5.9	51	3.9	93	8.1
Walker	62	8.2	55	7.9	7	11.1
Washington	10	5.4	5	3.8	5	9.1
Wilcox	14	11.9	0	0.0	14	14.9
Winston	15	6.9	15	7.1	0	0.0

¹ Percentages which apply to populations with fewer than 50 live births are shaded.

TABLE 19
NUMBER AND RATE¹ OF BIRTHS TO TEENAGE MOTHERS
BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	3,700	11.6	2,112	10.3	1,588	14.0
Autauga	40	10.2	29	10.3	11	9.7
Baldwin	118	8.1	94	7.8	24	9.5
Barbour	28	18.5	14	19.7	14	17.4
Bibb	21	18.2	16	17.7	5	19.8
Blount	41	10.6	40	11.0	1	---
Bullock	10	18.0	1	10.2	9	19.7
Butler	16	14.5	4	8.1	12	19.6
Calhoun	90	12.3	60	12.0	30	13.0
Chambers	31	15.9	20	20.5	11	11.3
Cherokee	18	13.5	17	14.1	1	7.8
Chilton	49	15.7	40	15.1	9	19.5
Choctaw	11	17.3	7	19.1	4	14.8
Clarke	9	6.6	3	4.5	6	8.7
Clay	11	14.7	8	13.7	3	18.2
Cleburne	12	13.0	12	14.2	0	0.0
Coffee	56	15.5	39	14.6	17	17.9
Colbert	35	10.5	25	9.7	10	13.0
Conecuh	13	21.0	3	11.4	10	28.1
Coosa	4	8.8	4	14.4	0	0.0
Covington	51	23.0	39	21.8	12	28.2
Crenshaw	14	16.6	11	19.0	3	11.3
Cullman	64	11.8	63	12.4	1	3.2
Dale	51	17.8	33	17.0	18	19.4
Dallas	41	16.2	3	6.0	38	18.7
DeKalb	73	14.6	60	13.3	13	26.9
Elmore	45	8.3	29	7.4	16	10.5
Escambia	43	18.8	27	20.1	16	17.0
Etowah	98	16.3	72	15.7	26	18.3
Fayette	10	10.9	9	11.3	1	8.2
Franklin	48	22.9	36	18.8	12	68.2
Geneva	18	11.1	13	9.4	5	20.7
Greene	16	33.0	0	0.0	16	37.0
Hale	17	19.3	5	15.1	12	21.9
Henry	10	10.0	8	11.2	2	6.9
Houston	98	14.9	36	9.0	62	23.8
Jackson	46	15.2	42	15.5	4	12.7
Jefferson	412	9.7	130	6.5	282	12.6
Lamar	23	27.9	22	30.6	1	---
Lauderdale	46	7.9	41	8.6	5	4.7
Lawrence	36	17.8	31	20.0	5	10.7
Lee	83	6.7	50	5.8	33	8.8
Limestone	67	9.8	55	10.3	12	8.1
Lowndes	10	16.6	1	---	9	18.4
Macon	14	10.5	0	0.0	14	11.7
Madison	172	7.0	102	6.7	70	7.7
Marengo	15	12.4	7	14.4	8	11.0
Marion	26	15.7	24	15.6	2	17.5
Marshall	133	20.0	94	15.5	39	63.4
Mobile	363	13.7	173	12.5	190	15.2
Monroe	21	18.2	6	9.9	15	27.1
Montgomery	239	16.3	45	11.3	194	18.2
Morgan	95	12.1	74	11.9	21	12.7
Perry	9	15.1	0	---	9	21.2
Pickens	15	15.4	6	11.7	9	19.5
Pike	18	7.6	8	6.3	10	9.0
Randolph	18	13.5	14	14.5	4	10.9
Russell	52	14.4	22	14.1	30	14.6
St. Clair	49	8.8	43	9.0	6	7.3
Shelby	67	4.4	52	4.3	15	4.6
Sumter	11	14.0	1	4.8	10	17.3
Talladega	70	13.4	45	15.1	25	11.2
Tallapoosa	35	15.4	18	12.4	17	20.6
Tuscaloosa	144	8.7	51	5.0	93	14.7
Walker	62	16.2	55	16.3	7	15.7
Washington	10	11.5	5	9.4	5	14.7
Wilcox	14	21.1	0	0.0	14	26.2
Winston	15	11.2	15	11.9	0	---

¹ Rate is per 1,000 females aged 10-19 years in specified group. See formula in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates which apply to populations under 1,000 are shaded.

**FIGURE 7. BIRTH RATES TO TEENAGE MOTHERS BY COUNTY OF RESIDENCE
ALABAMA, 2021**

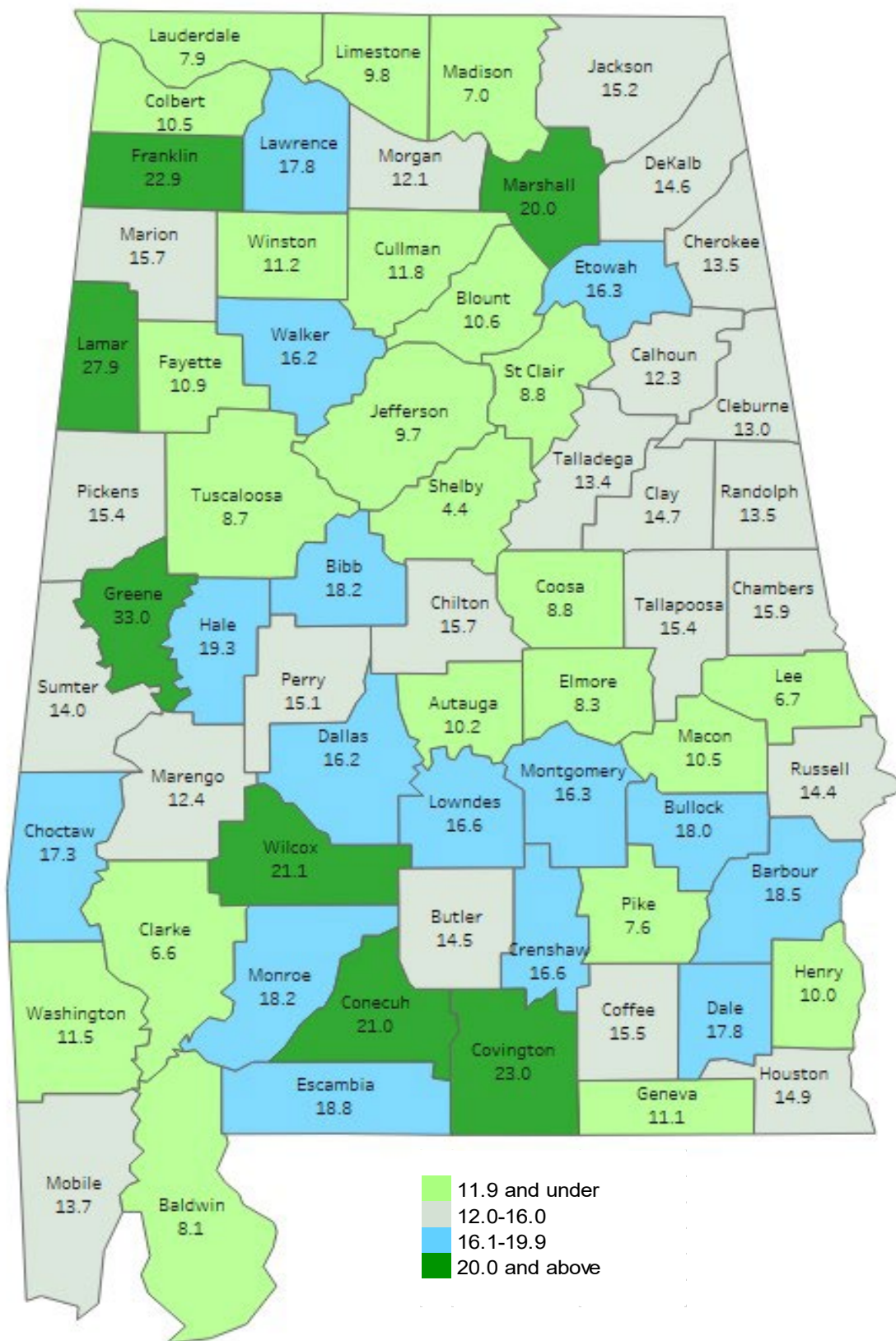


TABLE 20
NUMBER AND PERCENT¹ OF BIRTHS TO UNMARRIED TEENAGE
MOTHERS BY RACE², ALABAMA AND UNITED STATES, 1970-2021

YEAR ³	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. PERCENT	ALABAMA		ALABAMA	
	NUMBER	PERCENT		NUMBER	PERCENT	NUMBER	PERCENT
1970	5,147	32.7	30.5	815	9.4	4,332	61.2
1971	5,665	35.5	31.8	842	9.8	4,823	65.1
1972	5,858	36.8	33.8	852	10.3	5,006	65.5
1973	5,998	37.7	35.0	895	10.7	5,103	67.5
1974	6,087	39.2	36.4	935	11.5	5,152	69.3
1975	6,415	43.0	39.3	1,065	13.8	5,350	74.6
1976	6,469	45.5	41.2	1,039	14.4	5,430	76.6
1977	6,628	46.2	43.8	1,138	15.3	5,490	79.1
1978	6,447	48.1	44.9	1,131	16.5	5,316	81.3
1979	6,686	49.8	46.9	1,141	16.9	5,545	83.2
1980	6,491	49.8	48.3	1,198	17.8	5,293	83.8
1981	6,116	51.1	49.9	1,218	19.6	4,898	85.2
1982	5,935	52.2	51.4	1,177	20.0	4,758	86.7
1983	6,089	57.1	54.1	1,255	21.7	4,834	88.3
1984	5,902	54.9	56.3	1,248	22.6	4,654	89.0
1985	5,924	55.4	58.7	1,374	24.4	4,550	89.9
1986	6,034	58.3	61.5	1,438	27.2	4,596	90.5
1987	6,276	60.6	64.0	1,641	31.1	4,635	91.4
1988	6,461	61.0	65.9	1,715	31.8	4,746	91.5
1989	7,335	64.3	67.2	1,956	34.9	5,379	92.9
1990	7,289	63.1	67.6	2,032	34.4	5,257	93.1
1991	7,528	64.9	69.3	2,052	35.6	5,476	93.9
1992	7,530	66.6	70.5	2,138	38.3	5,392	94.3
1993	7,593	68.9	71.8	2,298	42.3	5,295	94.8
1994	7,930	70.0	75.9	2,430	43.7	5,500	95.3
1995	7,887	70.6	75.6	2,658	46.8	5,229	95.1
1996	7,819	70.3	76.3	2,623	46.5	5,196	94.8
1997	7,667	71.5	78.2	2,763	49.8	4,904	94.7
1998	7,604	71.6	78.9	2,768	50.1	4,836	95.0
1999	7,133	70.8	79.0	2,729	50.8	4,404	93.8
2000	7,064	71.2	79.1	2,761	51.7	4,303	94.0
2001	6,492	72.2	79.2	2,686	54.6	3,806	93.4
2002	6,268	73.0	80.2	2,663	55.8	3,605	94.4
2003	6,142	74.5	81.6	2,667	58.0	3,475	95.2
2004	6,196	75.0	82.6	2,709	58.9	3,487	95.3
2005	5,780	73.1	83.5	2,514	56.7	3,266	94.1
2006	6,405	73.9	84.4	2,821	58.5	3,584	93.2
2007	6,641	75.7	85.7	3,014	61.5	3,627	93.6
2008	6,699	78.2	86.8	3,062	64.6	3,637	95.1
2009	6,616	79.1	87.4	3,210	67.3	3,406	94.7
2010	6,135	82.4	88.2	2,997	71.4	3,138	96.6
2011	5,554	82.9	88.6	2,743	72.2	2,811	97.0
2012	5,202	83.4	88.8	2,623	74.0	2,579	95.9
2013	4,431	81.8	88.8	2,297	71.9	2,134	95.9
2014	4,259	83.8	88.7	2,322	75.5	1,937	96.4
2015	3,997	83.4	88.9	2,161	75.1	1,836	95.9
2016	3,878	85.7	89.2	2,061	78.0	1,817	96.4
2017	3,794	88.5	89.3	2,121	82.6	1,673	97.5
2018	3,512	88.7	89.9	1,888	82.5	1,624	97.1
2019	3,590	89.7	90.6	1,895	84.1	1,695	96.9
2020	3,447	89.8	91.8	1,839	84.2	1,608	97.2
2021	3,365	91.0	92.0	1,821	86.2	1,544	97.3

¹ Percentage calculation = births to unmarried teenage mothers/births to all teenage mothers

² Data for 1970-1989 are by race of child. Data for 1990-2021 are by race of mother.

³ Data for 1970 are by occurrence. Data for 1971-2021 are by residence.

TABLE 21
NUMBER AND PERCENT¹ OF BIRTHS TO UNMARRIED TEENAGE MOTHERS
BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	3,365	91.0	1,821	86.2	1,544	97.3
Autauga	39	97.5	29	100.0	10	90.9
Baldwin	108	92.3	86	91.5	22	95.7
Barbour	27	96.4	13	92.9	14	100.0
Bibb	15	71.4	11	68.8	4	80.0
Blount	38	92.7	37	92.5	1	---
Bullock	9	90.0	0	0.0	9	100.0
Butler	16	100.0	4	100.0	12	100.0
Calhoun	81	90.0	51	85.0	30	100.0
Chambers	25	80.6	14	70.0	11	100.0
Cherokee	15	83.3	14	82.4	1	100.0
Chilton	42	85.7	33	82.5	9	100.0
Choctaw	11	100.0	7	100.0	4	100.0
Clarke	8	88.9	2	66.7	6	100.0
Clay	10	90.9	7	87.5	3	100.0
Cleburne	10	83.3	10	83.3	0	---
Coffee	51	91.1	35	89.7	16	94.1
Colbert	29	82.9	19	76.0	10	100.0
Conecuh	13	100.0	3	100.0	10	100.0
Coosa	4	100.0	4	---	0	---
Covington	47	92.2	35	89.7	12	100.0
Crenshaw	12	85.7	9	81.8	3	100.0
Cullman	52	81.3	51	81.0	1	100.0
Dale	46	90.2	28	84.8	18	100.0
Dallas	40	97.6	3	100.0	37	97.4
DeKalb	48	65.8	43	71.7	5	38.5
Elmore	42	93.3	26	89.7	16	100.0
Escambia	39	90.7	23	85.2	16	100.0
Etowah	88	89.8	64	88.9	24	92.3
Fayette	7	70.0	6	66.7	1	100.0
Franklin	46	95.8	34	94.4	12	100.0
Geneva	16	88.9	11	84.6	5	100.0
Greene	16	100.0	0	---	16	100.0
Hale	16	94.1	5	100.0	11	91.7
Henry	10	100.0	8	100.0	2	100.0
Houston	93	94.9	31	86.1	62	100.0
Jackson	35	76.1	31	73.8	4	100.0
Jefferson	390	94.7	111	85.4	279	98.9
Lamar	20	87.0	19	86.4	1	---
Lauderdale	40	87.0	35	85.4	5	100.0
Lawrence	33	91.7	28	90.3	5	100.0
Lee	70	84.3	38	76.0	32	97.0
Limestone	55	82.1	43	78.2	12	100.0
Lowndes	10	100.0	1	100.0	9	100.0
Macon	14	100.0	0	---	14	100.0
Madison	153	89.0	86	84.3	67	95.7
Marengo	15	100.0	7	100.0	8	100.0
Marion	19	73.1	18	75.0	1	50.0
Marshall	110	82.7	78	83.0	32	82.1
Mobile	349	96.1	159	91.9	190	100.0
Monroe	20	95.2	5	83.3	15	100.0
Montgomery	230	96.2	40	88.9	190	97.9
Morgan	88	92.6	67	90.5	21	100.0
Perry	9	100.0	0	---	9	100.0
Pickens	12	80.0	4	66.7	8	88.9
Pike	16	88.9	6	75.0	10	100.0
Randolph	18	100.0	14	100.0	4	100.0
Russell	48	92.3	18	81.8	30	100.0
St. Clair	47	95.9	41	95.3	6	100.0
Shelby	62	92.5	48	92.3	14	93.3
Sumter	11	100.0	1	100.0	10	100.0
Talladega	67	95.7	42	93.3	25	100.0
Tallapoosa	35	100.0	18	100.0	17	100.0
Tuscaloosa	133	92.4	45	88.2	88	94.6
Walker	52	83.9	46	83.6	6	85.7
Washington	10	100.0	5	100.0	5	100.0
Wilcox	14	100.0	0	---	14	100.0
Winston	11	73.3	11	73.3	0	---

¹ Percentage calculation = births to unmarried teenage mothers/births to all teenage mothers. Percentages which apply to populations with fewer than 50 live births are shaded.

TABLE 22
FERTILITY RATES AND AGE-SPECIFIC BIRTH RATES¹
ALABAMA, 1970-2021

YEAR	TOTAL FERTILITY RATE	GENERAL FERTILITY RATE	AGE-SPECIFIC BIRTH RATES							
			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	2,587.0	92.5	1.8	91.1	181.5	134.4	66.7	32.4	8.8	0.7
1971	2,463.5	90.0	2.0	90.4	174.3	124.3	63.8	29.1	8.2	0.6
1972	2,205.0	81.4	2.1	88.5	147.0	113.9	55.4	25.8	7.6	0.7
1973	2,051.0	76.7	2.4	86.8	133.7	106.5	51.8	22.8	5.8	0.4
1974	1,985.5	74.9	2.3	83.7	131.1	105.1	48.6	19.8	5.9	0.4
1975	1,884.5	71.6	2.3	79.0	124.4	101.2	45.3	19.2	5.2	0.3
1976	1,852.5	70.3	2.4	75.9	122.5	101.2	46.2	17.6	4.4	0.3
1977	1,948.5	73.8	2.5	77.4	130.2	107.2	49.1	18.1	4.9	0.3
1978	1,853.5	70.0	2.5	72.5	123.8	101.1	49.6	16.7	4.3	0.2
1979	1,864.5	70.4	2.3	72.1	124.1	103.6	49.9	16.6	4.2	0.1
1980	1,884.0	70.6	2.2	68.0	125.1	107.9	52.6	16.9	3.8	0.3
1981	1,795.0	66.3	1.7	62.5	119.5	105.1	50.7	16.1	3.1	0.3
1982	1,762.0	64.4	1.7	60.0	117.3	103.8	50.1	16.2	3.1	0.2
1983	1,727.5	62.4	1.7	60.2	113.0	102.0	48.8	16.7	2.9	0.2
1984	1,729.0	61.8	1.7	58.2	114.8	100.6	50.6	17.2	2.6	0.2
1985	1,746.0	61.8	1.9	58.5	115.7	101.9	51.4	17.0	2.6	0.2
1986	1,748.0	62.7	1.6	59.5	106.0	103.3	58.0	18.0	3.0	0.2
1987	1,748.0	62.1	2.0	57.9	104.6	103.7	60.2	18.2	2.9	0.1
1988	1,779.5	62.6	1.6	58.5	107.4	103.0	62.6	19.8	2.9	0.1
1989	1,827.0	63.7	1.8	61.7	109.9	104.6	63.4	20.5	3.4	0.1
1990	1,987.0	67.2	2.1	71.2	126.8	111.5	60.7	21.6	3.4	0.1
1991	1,973.0	66.2	2.2	75.3	122.9	109.6	60.5	20.9	3.1	0.1
1992	1,988.5	66.3	2.4	71.3	124.9	110.9	63.7	20.9	3.5	0.1
1993	1,987.9	65.9	2.6	70.2	124.0	109.1	65.6	22.3	3.6	0.2
1994	1,983.2	65.3	2.4	73.4	120.2	107.7	66.5	22.8	3.5	0.2
1995	1,982.5	65.0	2.3	73.1	118.3	106.6	68.9	23.3	3.9	0.1
1996	2,008.5	65.6	2.2	73.4	116.5	110.8	69.4	25.1	4.2	0.1
1997	2,040.5	66.5	1.9	71.4	118.6	115.4	70.6	26.1	4.0	0.1
1998	2,096.0	68.2	1.7	71.3	125.0	118.5	71.0	26.9	4.7	0.1
1999	2,115.0	68.7	1.6	67.8	129.0	118.1	73.6	28.0	4.7	0.2
2000	2,023.5	65.1	1.3	60.7	129.3	112.3	70.4	26.2	4.4	0.1
2001	1,926.0	62.2	1.2	54.8	122.4	105.2	70.6	26.1	4.7	0.2
2002	1,876.5	60.7	1.1	52.1	117.2	102.3	72.7	25.1	4.6	0.2
2003	1,910.5	62.3	1.1	52.2	113.9	107.7	74.7	27.4	4.9	0.2
2004	1,895.0	62.1	1.1	52.2	113.7	106.4	71.9	28.4	5.1	0.2
2005	1,928.0	63.3	1.0	49.6	119.1	107.0	74.0	29.4	5.3	0.2
2006	2,023.0	66.7	1.1	53.3	124.1	114.0	75.5	30.9	5.4	0.3
2007	2,054.0	68.1	0.9	53.8	126.0	114.4	78.0	31.9	5.6	0.2
2008	2,022.0	68.3	1.1	52.0	123.4	113.8	77.5	31.0	5.4	0.2
2009	1,957.5	65.7	1.1	50.7	115.4	111.2	77.7	29.5	5.7	0.2
2010	1,869.0	62.4	0.7	43.6	105.6	112.2	76.4	29.1	6.0	0.2
2011	1,835.5	61.8	0.6	40.5	100.9	111.4	77.1	30.3	5.9	0.3
2012	1,804.5	60.9	0.5	38.9	96.6	110.5	78.0	30.6	5.5	0.3
2013	1,793.0	60.6	0.4	34.1	97.9	110.8	78.5	31.1	5.5	0.3
2014	1,829.5	61.9	0.4	32.1	97.3	113.3	83.7	33.1	5.7	0.3
2015	1,833.5	62.2	0.3	30.1	98.2	112.5	84.8	34.6	5.9	0.3
2016	1,823.5	62.0	0.3	28.3	97.1	111.0	86.1	35.6	6.1	0.2
2017	1,821.0	62.0	0.3	27.0	96.7	110.1	86.9	36.4	6.5	0.3
2018	1,786.0	60.9	0.2	25.2	94.5	107.5	86.3	36.3	6.9	0.3
2019	1,813.0	61.7	0.3	25.6	95.1	110.1	87.3	36.9	7.0	0.3
2020	1,781.0	60.4	0.3	24.8	90.3	109.7	85.4	37.9	7.4	0.4
2021	1,764.1	59.4	0.4	22.9	87.2	111.5	85.1	38.1	7.3	0.4

¹ Total fertility rate is an estimate of the average number of children that 1,000 females aged 15-44 would bear if the current age-specific birth rates remained constant. General fertility rate is per 1,000 females aged 15-44 years. Age-specific birth rate is per 1,000 females in specified age group. See formulas in Appendix B.

TABLE 23
FERTILITY RATES AND AGE-SPECIFIC BIRTH RATES¹ FOR WHITE FEMALES
ALABAMA, 1970-2021

YEAR	TOTAL FERTILITY RATE	GENERAL FERTILITY RATE	AGE-SPECIFIC BIRTH RATES							
			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	2,321.5	83.4	0.7	74.8	170.8	129.5	58.3	24.1	5.7	0.4
1971	2,196.0	79.8	0.8	72.3	164.7	119.7	54.5	21.6	5.3	0.3
1972	1,940.5	70.8	0.9	68.4	135.8	109.8	49.0	19.2	4.7	0.3
1973	1,821.5	67.0	0.9	67.7	122.4	105.2	46.7	17.4	3.8	0.2
1974	1,760.0	65.3	0.9	64.7	122.7	102.0	43.3	14.7	3.4	0.2
1975	1,668.5	62.2	0.9	60.7	115.6	97.6	41.5	14.1	3.1	0.2
1976	1,634.0	60.8	1.0	57.0	113.5	98.0	41.0	13.4	2.7	0.2
1977	1,730.0	64.2	1.1	58.7	119.4	104.7	45.2	13.6	3.1	0.2
1978	1,625.0	60.1	0.9	54.5	111.4	97.0	45.3	13.1	2.7	0.1
1979	1,627.0	60.1	0.8	53.1	112.3	99.0	45.0	12.8	2.4	___ ²
1980	1,691.5	61.9	0.8	52.4	116.5	105.5	47.5	13.1	2.3	0.2
1981	1,622.0	58.6	0.6	48.3	111.2	102.2	47.0	12.8	2.1	0.2
1982	1,592.0	56.9	0.6	46.2	108.7	101.1	46.3	13.5	1.9	0.1
1983	1,575.5	55.8	0.6	46.0	105.4	101.2	45.6	14.2	2.0	0.1
1984	1,568.0	55.0	0.6	44.5	105.2	98.4	47.7	15.2	1.9	0.1
1985	1,598.5	55.6	0.7	45.8	106.7	100.6	49.6	14.2	2.0	0.1
1986	1,616.0	56.4	0.6	45.1	100.7	104.6	54.2	15.5	2.4	0.1
1987	1,625.5	56.1	0.6	44.3	97.6	106.8	57.7	15.7	2.3	0.1
1988	1,639.5	56.1	0.5	44.7	98.2	105.3	59.8	17.2	2.2	___ ²
1989	1,679.5	56.9	0.5	45.7	100.5	108.2	60.5	17.7	2.7	0.1
1990	1,820.5	61.0	0.7	55.6	112.7	111.2	61.1	20.0	2.7	0.1
1991	1,814.5	60.4	0.8	57.6	109.8	111.1	61.1	19.9	2.5	0.1
1992	1,820.5	60.3	0.9	54.3	112.0	109.9	64.0	19.8	3.1	0.1
1993	1,827.6	60.2	1.0	53.7	111.5	108.6	66.2	21.3	3.0	0.1
1994	1,836.5	60.2	0.6	56.2	107.7	108.3	68.6	22.6	3.1	0.2
1995	1,862.5	60.8	0.8	57.9	107.6	108.1	71.7	22.9	3.4	0.1
1996	1,906.5	62.0	0.9	57.9	106.6	113.8	72.6	25.5	3.9	0.1
1997	1,941.5	62.9	0.6	57.7	107.1	119.0	73.6	26.5	3.7	0.1
1998	2,015.5	65.0	0.6	57.6	114.5	123.4	75.0	27.5	4.4	0.1
1999	2,047.0	65.9	0.7	55.9	118.6	123.0	77.6	28.9	4.6	0.1
2000	2,022.5	64.1	0.6	51.9	120.8	119.8	78.7	28.1	4.4	0.2
2001	1,957.0	62.1	0.6	47.7	116.9	113.6	80.0	27.8	4.5	0.3
2002	1,933.0	61.5	0.5	46.1	113.9	111.4	83.1	26.6	4.7	0.3
2003	1,971.5	63.3	0.5	45.9	109.6	119.2	84.5	29.5	4.9	0.2
2004	1,931.0	62.3	0.4	45.9	109.3	113.9	80.1	31.1	5.3	0.2
2005	1,971.5	63.6	0.4	43.9	114.8	115.1	82.4	32.2	5.2	0.3
2006	2,060.0	66.7	0.5	46.8	121.1	121.7	82.6	33.6	5.4	0.3
2007	2,091.0	68.1	0.4	47.6	122.7	121.5	86.0	34.0	5.8	0.2
2008	2,047.5	68.1	0.5	45.9	119.3	120.8	84.3	33.0	5.5	0.2
2009	2,005.5	66.3	0.6	46.0	112.0	120.1	85.2	31.1	5.8	0.3
2010	1,997.5	65.4	0.4	40.1	105.5	126.4	89.1	31.7	6.1	0.2
2011	1,898.5	63.0	0.4	36.6	96.2	121.0	86.3	32.4	6.5	0.3
2012	1,845.5	61.5	0.3	35.1	91.3	118.4	86.3	32.1	5.3	0.3
2013	1,844.5	61.5	0.3	31.8	93.0	118.0	86.7	33.2	5.5	0.4
2014	1,885.5	63.0	0.3	30.6	93.7	119.9	92.1	34.7	5.5	0.3
2015	1,897.0	63.7	0.2	28.5	94.1	119.8	93.8	36.9	5.8	0.3
2016	1,888.5	63.7	0.2	26.0	94.8	117.3	95.3	37.7	6.2	0.2
2017	1,866.5	63.1	0.2	25.4	92.6	114.8	95.8	37.7	6.5	0.3
2018	1,842.0	62.3	0.2	22.8	92.7	114.1	93.2	38.3	6.7	0.4
2019	1,832.5	62.0	0.2	22.5	91.9	112.8	94.3	37.6	6.8	0.4
2020	1,803.8	61.0	0.2	21.9	86.2	114.4	91.9	38.9	6.9	0.3
2021	1,837.9	61.5	0.3	20.2	86.6	120.4	93.6	39.2	6.9	0.3

¹ Total fertility rate is an estimate of the average number of children that 1,000 females aged 15-44 would bear if the current age-specific birth rates remained constant. General fertility rate is per 1,000 females aged 15-44 years. Age-specific birth rate is per 1,000 females in specified age group. See formulas in Appendix B.

² Rate is less than 0.05 per 1,000 females in specified age group.

TABLE 24
FERTILITY RATES AND AGE-SPECIFIC BIRTH RATES¹ FOR BLACK AND OTHER FEMALES
ALABAMA, 1970-2021

YEAR	TOTAL FERTILITY RATE	GENERAL FERTILITY RATE	AGE-SPECIFIC BIRTH RATES							
			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	3,329.5	118.6	3.9	123.9	210.1	151.3	96.8	60.0	18.5	1.4
1971	3,233.5	120.0	4.4	128.6	202.5	140.9	96.8	54.6	17.3	1.6
1972	2,944.5	112.6	4.7	131.0	178.4	128.7	78.6	48.6	17.0	1.9
1973	2,675.0	105.3	5.4	127.7	164.4	111.1	70.8	42.1	12.6	0.9
1974	2,606.0	103.2	5.3	124.6	153.4	116.2	68.4	38.1	14.0	1.2
1975	2,481.5	99.4	5.3	119.0	146.7	113.9	60.1	38.4	12.1	0.8
1976	2,454.0	98.2	5.5	117.4	145.1	111.8	66.1	33.5	10.5	0.9
1977	2,543.5	102.1	5.4	118.9	157.6	115.2	63.8	35.8	11.2	0.8
1978	2,477.0	99.5	5.9	113.1	155.4	113.2	66.1	31.0	10.3	0.4
1979	2,508.5	100.7	5.5	114.7	153.5	116.8	67.7	32.1	10.9	0.5
1980	2,379.5	94.3	5.3	101.3	145.1	114.1	69.4	31.0	9.2	0.5
1981	2,228.0	87.3	3.9	92.7	139.1	112.7	62.3	27.6	6.8	0.5
1982	2,183.0	84.4	4.0	89.6	137.4	111.0	61.8	25.2	7.2	0.4
1983	2,095.5	80.2	4.0	90.6	130.7	103.9	58.4	25.0	6.1	0.4
1984	2,118.0	80.1	4.0	87.8	137.6	106.3	59.0	23.4	5.2	0.3
1985	2,098.5	78.3	4.4	85.8	137.0	105.4	56.5	25.6	4.5	0.5
1986	2,065.0	79.3	3.8	90.5	117.4	100.0	69.0	26.5	5.2	0.6
1987	2,034.5	77.5	4.9	86.7	119.7	96.4	67.4	26.5	5.1	0.2
1988	2,101.5	79.2	3.7	87.8	127.1	97.8	70.3	28.0	5.4	0.2
1989	2,167.5	81.0	4.4	95.3	130.4	96.2	71.5	29.4	5.9	0.4
1990	2,352.5	82.6	4.8	102.1	160.3	112.1	59.6	25.9	5.5	0.2
1991	2,304.0	80.6	4.8	109.5	153.4	105.8	59.0	23.2	5.0	0.1
1992	2,345.5	81.1	5.1	104.2	154.0	113.7	63.1	23.9	4.9	0.2
1993	2,317.6	79.6	5.7	101.5	151.6	110.5	64.0	24.6	5.2	0.4
1994	2,267.8	77.7	5.6	105.6	147.2	106.3	60.9	23.2	4.6	0.2
1995	2,208.5	75.2	5.0	101.6	140.8	102.9	61.5	24.2	5.5	0.2
1996	2,184.5	74.3	4.7	102.1	137.3	102.9	60.7	24.3	4.8	0.1
1997	2,211.0	75.0	4.4	97.2	142.1	106.1	62.5	25.0	4.7	0.2
1998	2,221.0	75.5	3.7	96.8	146.3	106.3	60.2	25.4	5.3	0.2
1999	2,213.0	75.3	3.3	90.2	149.7	106.3	62.5	25.6	4.9	0.1
2000	1,987.5	67.2	2.5	75.8	144.5	96.8	51.7	21.8	4.3	0.1
2001	1,834.5	62.2	2.2	67.1	132.2	88.3	49.7	22.2	5.0	0.2
2002	1,739.5	59.2	2.1	62.5	122.9	84.6	50.1	21.4	4.2	0.1
2003	1,763.5	60.4	2.1	63.4	121.8	85.2	52.6	22.4	5.0	0.2
2004	1,797.0	61.6	2.2	63.5	121.8	91.5	53.6	22.0	4.5	0.3
2005	1,819.5	62.6	2.0	59.9	127.1	91.0	55.6	22.7	5.4	0.2
2006	1,927.5	66.6	2.0	65.0	129.5	98.9	60.0	24.6	5.3	0.2
2007	1,961.0	68.1	1.8	64.4	132.1	100.7	61.2	26.9	4.9	0.2
2008	1,949.5	68.7	2.0	62.5	130.7	100.2	62.9	26.2	5.2	0.2
2009	1,849.5	64.6	1.9	58.7	121.4	94.0	62.3	26.0	5.5	0.1
2010	1,646.0	57.2	1.2	49.1	105.7	88.5	54.5	24.1	5.9	0.2
2011	1,706.5	59.4	1.0	47.0	109.0	93.1	59.7	26.0	5.1	0.4
2012	1,720.5	58.9	0.9	45.3	106.0	95.7	62.4	27.5	6.0	0.3
2013	1,692.5	58.9	0.7	38.1	106.3	97.2	63.3	26.9	5.7	0.3
2014	1,720.2	59.2	0.6	34.7	103.5	101.2	67.7	29.9	6.2	0.2
2015	1,709.0	59.4	0.6	33.0	105.1	98.9	67.7	30.1	6.1	0.3
2016	1,699.5	58.9	0.5	32.5	100.9	99.5	68.8	31.6	5.9	0.2
2017	1,730.5	60.0	0.4	29.7	103.4	101.9	70.1	33.8	6.6	0.2
2018	1,684.0	58.3	0.4	29.4	97.5	95.9	73.5	32.6	7.2	0.3
2019	1,774.0	61.4	0.4	31.1	100.5	105.5	74.1	35.4	7.4	0.4
2020	1,737.8	59.8	0.5	29.9	97.3	101.5	73.5	36.1	8.3	0.5
2021	1,630.8	55.6	0.5	27.6	88.4	95.9	69.5	35.8	8.0	0.4

¹ Total fertility rate is an estimate of the average number of children that 1,000 females aged 15-44 would bear if the current age-specific birth rates remained constant. General fertility rate is per 1,000 females aged 15-44 years. Age-specific birth rate is per 1,000 females in specified age group. See formulas in Appendix B.

TABLE 25
ESTIMATED PREGNANCIES¹, PREGNANCY RATES² AND PREGNANCY OUTCOMES
BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL					WHITE					BLACK AND OTHER				
	ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES		
	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³
TOTAL	78,771	80.7	58,040	8,294	12,437	49,337	78.1	38,870	2,448	8,019	29,434	85.4	19,170	5,846	4,419
Autauga	941	81.1	696	96	149	654	78.4	516	32	106	286	88.1	180	64	42
Baldwin	3,078	74.6	2,502	69	507	2,619	75.0	2,143	43	433	459	72.0	359	26	74
Barbour	372	98.1	274	39	59	156	96.6	126	4	26	216	99.2	148	35	33
Bibb	296	81.4	230	18	48	218	75.9	177	5	36	78	101.7	53	13	12
Blount	867	83.0	690	35	142	829	83.2	663	30	136	38	78.5	27	5	6
Bullock	164	104.6	106	33	25	27	86.7	21	2	4	136	109.1	85	31	20
Butler	294	85.5	218	29	47	132	89.6	103	8	21	161	82.4	115	21	25
Calhoun	1,816	81.1	1,328	202	286	1,249	78.5	975	72	202	567	87.5	353	130	84
Chambers	559	91.0	396	76	87	326	104.1	249	25	52	233	77.3	147	51	35
Cherokee	320	81.8	255	13	52	301	82.8	240	12	49	19	67.7	15	1	3
Chilton	678	81.3	531	37	110	585	81.3	467	22	96	93	81.5	64	15	14
Choctaw	175	86.8	132	15	28	102	91.2	81	4	17	73	81.3	51	11	11
Clarke	361	87.0	279	24	58	155	78.3	126	3	26	207	94.8	153	21	33
Clay	193	80.7	148	14	31	148	75.4	118	6	24	45	105.4	30	8	7
Cleburne	218	86.2	178	4	36	206	85.9	170	2	34	12	91.5	8	2	2
Coffee	823	82.4	654	35	603	603	81.6	490	14	99	220	84.9	164	21	35
Colbert	845	81.7	648	61	136	684	85.1	540	33	111	160	69.7	108	28	24
Conecuh	169	91.4	135	6	28	70	85.9	57	1	12	99	95.7	78	5	16
Coosa	123	81.1	92	11	20	90	88.3	72	3	15	33	66.3	20	8	5
Covington	521	81.1	426	9	86	438	83.6	360	5	73	84	70.3	66	4	14
Crenshaw	203	87.9	153	18	32	146	91.3	114	8	24	58	80.4	39	10	9
Cullman	1,283	79.9	1,022	51	210	1,251	81.5	1,000	46	205	32	44.9	22	5	5
Dale	867	92.8	694	31	142	595	92.6	485	12	98	272	93.2	209	19	44
Dallas	648	92.3	439	110	99	119	81.9	92	8	19	529	95.0	347	102	80
DeKalb	1,059	81.9	835	52	172	903	76.0	710	46	147	157	149.4	125	6	26
Elmore	1,273	71.7	947	124	202	914	71.3	709	57	148	359	72.8	238	67	54
Escambia	526	83.5	426	13	87	337	90.4	275	6	56	189	73.4	151	7	31
Etowah	1,531	81.4	1,138	150	243	1,118	76.9	876	61	181	412	96.5	262	89	61
Fayette	234	85.5	187	9	38	203	84.6	162	8	33	31	91.7	25	1	5
Franklin	540	95.5	429	23	88	487	93.7	389	18	80	54	115.3	40	5	9
Geneva	349	77.0	289	2	58	314	80.6	260	2	52	35	54.6	29	0	6
Greene	147	115.6	93	32	22	12	78.4	10	0	2	135	120.7	83	32	20
Hale	292	106.6	206	41	45	109	110.3	89	2	18	183	104.4	117	39	27

¹ Estimated pregnancy is the sum of abortions, live births and estimated total fetal losses.

² Estimated pregnancy rate is per 1,000 females aged 15-44 years. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates which apply to populations under 1,000 are shaded.

³ Estimated total fetal loss is equal to two-tenths of live births plus one-tenth of abortions. Estimated total fetal loss should not be confused with fetal death.

TABLE 25 (Continued)
ESTIMATED PREGNANCIES¹, PREGNANCY RATES² AND PREGNANCY OUTCOMES
BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL					WHITE					BLACK AND OTHER				
	ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES		
	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³
TOTAL	78,771	80.7	58,040	8,294	12,437	49,337	78.1	38,870	2,448	8,019	29,434	85.4	19,170	5,846	4,419
Henry	223	75.4	171	16	36	133	64.3	108	3	22	90	101.6	63	13	14
Houston	1,659	81.5	1,328	59	272	1,009	78.7	824	18	167	650	86.4	504	41	105
Jackson	694	77.0	563	17	114	643	78.3	525	12	106	51	63.6	38	5	8
Jefferson	11,648	84.3	8,040	1,818	1,790	5,611	82.3	4,346	360	905	6,037	86.3	3,694	1,458	885
Lamar	194	86.6	157	5	32	173	88.2	141	3	29	21	75.1	16	2	3
Lauderdale	1,247	68.8	933	116	198	1,032	68.0	798	68	166	215	72.7	135	48	32
Lawrence	511	89.6	400	28	83	447	102.1	355	19	73	64	48.3	45	9	10
Lee	2,643	63.9	1,903	327	413	1,775	61.2	1,362	128	285	868	70.2	541	199	128
Limestone	1,579	78.5	1,186	142	251	1,306	81.7	1,021	73	212	274	66.3	165	69	40
Lowndes	192	109.9	136	26	30	33	97.4	25	3	5	159	113.0	111	23	25
Macon	269	65.0	180	48	41	51	96.8	39	4	8	218	60.4	141	44	33
Madison	6,086	77.7	4,328	811	947	3,880	78.4	2,998	257	625	2,205	76.6	1,330	554	321
Marengo	313	92.1	229	35	49	128	92.0	104	3	21	185	92.2	125	32	28
Marion	399	82.1	315	19	65	370	80.9	297	12	61	29	102.8	18	7	4
Marshall	1,880	107.5	1,486	88	306	1,427	88.0	1,129	66	232	453	354.1	357	22	74
Mobile	6,577	79.3	5,096	420	1,061	3,490	77.9	2,804	114	572	3,087	81.0	2,292	306	489
Monroe	308	89.3	240	18	50	131	75.4	109	0	22	177	103.4	131	18	28
Montgomery	4,650	98.4	3,057	892	701	1,224	98.4	945	82	197	3,425	98.4	2,112	810	503
Morgan	1,883	85.1	1,402	182	299	1,494	84.9	1,167	85	242	389	85.9	235	97	57
Perry	125	74.7	84	22	19	15	31.9	11	2	2	110	92.1	73	20	17
Pickens	263	80.7	176	47	40	130	76.0	105	4	21	133	85.9	71	43	19
Pike	488	61.3	346	66	76	228	53.6	178	13	37	260	70.1	168	53	39
Randolph	343	92.8	253	36	54	268	97.3	209	16	43	75	79.5	44	20	11
Russell	1,190	99.6	805	204	181	604	112.5	453	55	96	586	89.1	352	149	85
St. Clair	1,318	78.2	1,022	83	213	1,134	78.7	900	49	185	184	75.1	122	34	28
Shelby	2,996	67.4	2,297	218	481	2,357	68.8	1,862	111	384	640	62.7	435	107	98
Sumter	187	70.9	132	26	29	39	55.4	30	3	6	148	76.6	102	23	23
Talladega	1,172	75.8	864	123	185	678	75.9	538	29	111	495	75.7	326	94	75
Tallapoosa	564	83.7	416	59	89	345	79.9	269	20	56	219	90.4	147	39	33
Tuscaloosa	3,656	68.7	2,445	656	555	1,707	53.5	1,297	137	273	1,949	91.3	1,148	519	282
Walker	963	85.8	755	52	156	873	86.6	692	39	142	90	78.7	63	13	14
Washington	230	89.3	185	7	38	157	97.4	130	1	26	73	75.7	55	6	12
Wilcox	157	83.2	118	14	25	31	78.5	24	2	5	126	84.4	94	12	20
Winston	272	70.5	216	12	44	265	71.3	210	12	43	7	48.6	6	0	1

¹ Estimated pregnancy is the sum of abortions, live births and estimated total fetal losses.

² Estimated pregnancy rate is per 1,000 females aged 15-44 years. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates which apply to populations under 1,000 are shaded.

³ Estimated total fetal loss is equal to two-tenths of live births plus one-tenth of abortions. Estimated total fetal loss should not be confused with fetal death.

TABLE 26
ESTIMATED PREGNANCY RATES¹ BY RACE AND AGE GROUP OF FEMALE
ALABAMA, 2011-2021

AGE GROUP OF FEMALE	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
TOTAL											
Total (ages 15-44)	83.9	82.2	81.2	82.2	80.6	82.5	82.3	81.6	82.8	81.3	80.7
10 - 19	29.6	27.7	24.2	22.5	20.7	20.3	19.2	18	18.1	17.3	16.3
10 - 14	1.2	1.0	0.8	0.7	0.6	0.6	0.5	0.5	0.6	0.6	0.6
15 - 17	29.2	26.1	21.7	20.4	18.4	18.4	16.0	15.3	14.0	14.1	13.9
18 - 19	98.9	96.7	85.6	79.6	72.6	70.1	69.0	65	67.6	64.1	59.4
20 - 44	73.3	72.4	72.9	74.6	73.9	75.7	75.7	75.3	76.6	75.5	75.7
WHITE											
Total (ages 15-44)	81.3	79.2	78.7	80.2	79.8	80.8	80.8	79.6	78.8	77.2	78.1
10 - 19	24.9	23.6	21.3	20.3	18.6	17.6	17.1	15.6	15.0	14.6	13.6
10 - 14	0.6	0.5	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4
15 - 17	23.9	21.5	18.5	17.9	15.4	14.9	13.3	11.6	10.9	10.9	10.6
18 - 19	86.6	85.5	78.0	73.8	68.1	63.1	63.4	59.1	57.4	55.2	51.1
20 - 44	71.2	69.8	70.3	72.3	72.7	73.9	73.2	73.2	72.8	71.7	73.5
BLACK AND OTHER											
Total (ages 15-44)	88.9	87.9	86.0	85.9	82.1	85.5	86.4	85.3	90.1	88.8	85.4
10 - 19	37.9	35.0	29.4	26.6	24.5	26.6	26.6	22.4	23.7	22.4	21.2
10 - 14	2.2	1.8	1.6	1.2	1.0	1.0	0.8	0.8	0.9	0.9	0.9
15 - 17	38.3	34.0	27.4	24.8	23.7	24.5	20.7	21.8	19.5	19.8	19.8
18 - 19	119.7	116.1	98.8	89.8	80.5	82.3	78.9	75.4	85.8	80.0	74.4
20 - 44	77.6	77.6	78.0	79.0	76.0	79.3	80.6	79.3	83.6	82.6	79.8

¹ Rates are per 1,000 females in specified age group.

TABLE 27
ESTIMATED PREGNANCIES, PREGNANCY RATES AND PREGNANCY OUTCOMES
BY RACE AND AGE GROUP OF FEMALE, ALABAMA, 2021

	AGE GROUP OF FEMALE						
	TOTAL	10-14	15-17	18-19	10-19	20 AND ABOVE	UNKNOWN
ESTIMATED PREGNANCIES¹	78,771	97	1,325	3,785	5,207	73,559	5
White	49,336	46	655	2,103	2,804	46,528	4
Black and Other	29,435	51	670	1,682	2,403	27,031	1
ESTIMATED PREGNANCY RATES²	80.7	0.6	13.9	59.4	16.3	75.7	--
White	78.1	0.4	10.6	51.1	13.6	73.5	--
Black and Other	85.4	0.9	19.8	74.4	21.2	79.8	--
LIVE BIRTHS	58,040	59	930	2,711	3,700	54,338	2
White	38,870	31	493	1,588	2,112	36,756	2
Black and Other	19,170	28	437	1,123	1,588	17,582	0
ABORTIONS	8,294	24	190	483	697	7,594	3
White	2,448	8	58	179	245	2,201	2
Black and Other	5,846	16	132	304	452	5,393	1
ESTIMATED TOTAL FETAL LOSSES³	12,437	14	205	591	810	11,627	0
White	8,018	7	104	336	447	7,571	0
Black and Other	4,419	7	101	255	363	4,056	0
FEMALE POPULATION	1,291,108	159,751	95,588	63,725	319,064	972,044	--
White	839,268	102,983	61,699	41,132	205,814	633,454	--
Black and Other	451,840	56,768	33,889	22,593	113,250	338,590	--

¹ Estimated pregnancy is the sum of abortions, live births and estimated total fetal losses.

² Estimated pregnancy rate is per 1,000 females in specified age group. See pregnancy rate formulas in Appendix B.

³ Estimated total fetal loss is equal to two-tenths of live births plus one-tenth of abortions. Estimated total fetal loss should not be confused with fetal death.

TABLE 28
ESTIMATED TEENAGE PREGNANCIES¹, PREGNANCY RATES² AND PREGNANCY OUTCOMES
BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL					WHITE					BLACK AND OTHER				
	ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES		
	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³
TOTAL	5,207	16.3	3,700	697	810	2,804	13.6	2,112	245	447	2,403	21.2	1,588	452	363
Autauga	59	15.0	40	10	9	40	14.4	29	5	6	19	16.5	11	5	3
Baldwin	152	10.4	118	9	25	119	9.9	94	6	19	32	12.7	24	3	5
Barbour	40	26.5	28	6	6	19	26.7	14	2	3	21	26.3	14	4	3
Bibb	27	23.7	21	2	4	19	21.3	16	0	3	8	32.5	5	2	1
Blount	54	13.8	41	4	9	52	14.4	40	4	8	1	5.2	1	0	0
Bullock	13	23.6	10	1	2	1	12.2	1	0	0	12	26.0	9	1	2
Butler	21	19.3	16	2	3	6	11.9	4	1	1	16	25.4	12	1	3
Calhoun	128	17.5	90	18	20	78	15.5	60	5	13	50	21.7	30	13	7
Chambers	47	24.1	31	9	7	27	28.0	20	3	4	20	20.3	11	6	3
Cherokee	24	17.9	18	2	4	23	18.8	17	2	4	1	9.4	1	0	0
Chilton	60	19.2	49	1	10	48	18.1	40	0	8	12	25.8	9	1	2
Choctaw	13	20.7	11	0	2	8	23.0	7	0	1	5	17.7	4	0	1
Clarke	13	9.6	9	2	2	5	7.0	3	1	1	8	12.1	6	1	1
Clay	14	19.1	11	1	2	10	16.4	8	0	2	5	28.5	3	1	1
Cleburne	16	16.8	12	1	3	14	17.0	12	0	2	1	14.7	0	1	0
Coffee	72	19.8	56	4	12	48	17.9	39	1	8	24	25.0	17	3	4
Colbert	46	13.9	35	4	7	31	12.1	25	1	5	15	19.9	10	3	2
Conecuh	16	25.2	13	0	3	4	13.6	3	0	1	12	33.7	10	0	2
Coosa	7	15.3	4	2	1	5	17.3	4	0	1	2	12.2	0	2	0
Covington	62	28.1	51	1	10	47	26.1	39	0	8	16	36.4	12	1	3
Crenshaw	18	21.2	14	1	3	13	22.8	11	0	2	5	17.7	3	1	1
Cullman	77	14.2	64	0	13	76	14.8	63	0	13	1	3.8	1	0	0
Dale	65	22.5	51	3	11	41	21.0	33	1	7	24	25.6	18	2	4
Dallas	57	22.5	41	7	9	4	7.2	3	0	1	53	26.3	38	7	8
DeKalb	91	18.2	73	3	15	74	16.5	60	2	12	17	34.5	13	1	3
Elmore	69	12.8	45	14	10	38	9.7	29	3	6	31	20.6	16	11	4
Escambia	52	22.6	43	0	9	32	24.1	27	0	5	19	20.4	16	0	3
Etowah	132	22.0	98	13	21	96	21.0	72	9	15	36	25.0	26	4	6
Fayette	14	15.5	10	2	2	13	16.4	9	2	2	1	9.8	1	0	0
Franklin	61	29.1	48	3	10	45	23.7	36	2	7	16	88.1	12	1	3
Geneva	22	13.3	18	0	4	16	11.3	13	0	3	6	24.8	5	0	1
Greene	21	44.1	16	2	3	0	0.0	0	0	0	21	49.5	16	2	3
Hale	24	26.9	17	3	4	6	18.1	5	0	1	18	32.2	12	3	3

¹ Estimated pregnancy is the sum of abortions, live births and estimated total fetal losses.

² Estimated pregnancy rate is per 1,000 females aged 15-19 years. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates which apply to populations under 1,000 are shaded.

³ Estimated total fetal loss is equal to two-tenths of live births plus one-tenth of abortions. Estimated total fetal loss should not be confused with fetal death.

TABLE 28 (Continued)
ESTIMATED TEENAGE PREGNANCIES¹, PREGNANCY RATES² AND PREGNANCY OUTCOMES
BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL					WHITE					BLACK AND OTHER				
	ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES			ESTIMATED PREGNANCY		PREGNANCY OUTCOMES		
	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³	NUMBER	RATE	LIVE BIRTH	ABORTION	EST. TOTAL FETAL LOSS ³
TOTAL	5,207	16.3	3,700	697	810	2,804	13.6	2,112	245	447	2,403	21.2	1,588	452	363
Henry	13	13.0	10	1	2	10	13.4	8	0	2	4	12.2	2	1	1
Houston	124	18.8	98	6	20	45	11.4	36	2	7	79	30.2	62	4	13
Jackson	55	18.3	46	0	9	50	18.6	42	0	8	5	15.3	4	0	1
Jefferson	644	15.1	412	136	96	189	9.4	130	30	29	455	20.3	282	106	67
Lamar	29	34.8	23	1	5	28	38.2	22	1	5	1	11.4	1	0	0
Lauderdale	65	11.2	46	9	10	56	11.8	41	6	9	9	8.7	5	3	1
Lawrence	48	23.6	36	4	8	39	25.4	31	2	6	8	17.5	5	2	1
Lee	135	10.9	83	32	20	78	9.0	50	16	12	57	15.2	33	16	8
Limestone	87	12.8	67	6	14	72	13.4	55	5	12	16	10.4	12	1	3
Lowndes	16	27.2	10	4	2	1	10.4	1	0	0	15	31.1	9	4	2
Macon	19	14.3	14	2	3	0	0.0	0	0	0	19	15.9	14	2	3
Madison	278	11.4	172	65	41	155	10.1	102	30	23	123	13.4	70	35	18
Marengo	27	22.1	15	8	4	10	19.5	7	1	2	17	23.9	8	7	2
Marion	32	19.6	26	1	5	30	19.5	24	1	5	2	21.1	2	0	0
Marshall	170	25.4	133	9	28	121	19.9	94	7	20	49	79.7	39	2	8
Mobile	481	18.2	363	41	77	216	15.6	173	8	35	264	21.1	190	33	41
Monroe	29	24.6	21	3	5	7	11.9	6	0	1	21	38.5	15	3	3
Montgomery	362	24.6	239	68	55	60	14.9	45	5	10	302	28.3	194	63	45
Morgan	131	16.6	95	15	21	100	16.0	74	10	16	31	18.6	21	5	5
Perry	13	21.8	9	2	2	0	0.0	0	0	0	13	30.6	9	2	2
Pickens	25	25.3	15	6	4	8	16.2	6	1	1	16	35.4	9	5	2
Pike	28	11.9	18	6	4	13	10.2	8	3	2	15	13.8	10	3	2
Randolph	25	18.7	18	3	4	18	18.6	14	1	3	7	19.0	4	2	1
Russell	77	21.2	52	13	12	31	19.8	22	4	5	46	22.3	30	9	7
St. Clair	71	12.7	49	11	11	64	13.4	43	11	10	7	8.7	6	0	1
Shelby	96	6.2	67	14	15	70	5.8	52	7	11	26	8.0	15	7	4
Sumter	20	25.2	11	6	3	3	16.2	1	2	0	16	28.4	10	4	2
Talladega	95	18.2	70	10	15	56	18.8	45	2	9	39	17.4	25	8	6
Tallapoosa	45	19.9	35	3	7	23	15.7	18	1	4	23	27.4	17	2	4
Tuscaloosa	241	14.6	144	62	35	89	8.7	51	25	13	152	24.1	93	37	22
Walker	81	21.2	62	6	13	73	21.5	55	6	12	8	18.8	7	0	1
Washington	12	13.7	10	0	2	6	11.3	5	0	1	6	17.6	5	0	1
Wilcox	18	26.9	14	1	3	0	0.0	0	0	0	18	33.5	14	1	3
Winston	19	14.2	15	1	3	19	15.1	15	1	3	0	0.0	0	0	0

¹ Estimated pregnancy is the sum of abortions, live births and estimated total fetal losses.

² Estimated pregnancy rate is per 1,000 females aged 15-19 years. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates which apply to populations under 1,000 are shaded.

³ Estimated total fetal loss is equal to two-tenths of live births plus one-tenth of abortions. Estimated total fetal loss should not be confused with fetal death.

TABLE 29
FETAL DEATHS AND FETAL DEATH RATES¹ BY RACE²
ALABAMA AND UNITED STATES, 1970-2021

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. RATE	ALABAMA		ALABAMA	
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
1970	1,091	16.1	14.2	559	12.3	532	24.1
1971	1,073	16.1	13.4	551	12.5	522	23.2
1972	1,042	16.9	12.7	523	13.0	519	24.0
1973	938	15.8	12.2	463	11.9	475	23.0
1974	886	14.9	11.5	441	11.4	445	21.5
1975	798	13.8	10.7	393	10.5	405	19.9
1976	723	12.5	10.5	345	9.2	378	18.5
1977	780	12.6	9.9	390	9.7	390	18.0
1978	775	12.9	9.7	382	9.9	393	18.3
1979	659	10.5	9.4	339	8.5	320	14.1
1980	723	11.4	9.2	368	9.1	355	15.6
1981	754	12.3	9.0	366	9.2	388	17.8
1982	675	11.2	8.9	352	9.1	323	15.1
1983	658	11.1	8.5	338	8.8	320	15.5
1984	608	10.3	8.2	316	8.3	292	14.0
1985	660	11.1	7.9	317	8.1	343	16.6
1986	690	11.6	7.7	347	9.0	343	16.5
1987	600	10.1	7.7	306	7.9	294	14.2
1988	656	10.8	7.5	330	8.4	326	15.1
1989	628	10.0	7.5	294	7.3	334	14.9
1990	680	10.7	7.5	333	8.1	347	15.5
1991	584	9.3	7.3	282	6.9	302	13.6
1992	639	10.3	7.4	294	7.3	345	15.6
1993	605	9.8	7.2	300	7.5	305	14.0
1994	585	9.6	7.0	268	6.8	317	14.9
1995	572	9.5	7.0	264	6.7	308	14.9
1996	563	9.3	6.9	266	6.6	297	14.6
1997	524	8.6	6.8	266	6.6	258	12.6
1998	591	9.5	6.7	284	6.8	307	14.9
1999	602	9.7	6.7	290	7.0	312	15.3
2000	609	9.6	6.6	266	6.3	343	16.2
2001	574	9.5	6.5	274	6.8	300	15.1
2002	548	9.3	6.4	245	6.1	303	15.9
2003	534	9.0	6.3	250	6.1	284	15.2
2004	549	9.3	6.3	260	6.5	289	15.2
2005	543	9.0	6.2	256	6.3	287	14.8
2006	571	9.1	6.1	269	6.3	302	14.7
2007	585	9.1	6.1	297	6.9	288	13.6
2008	587	9.1	6.2	278	6.5	309	14.4
2009	548	8.8	6.0	250	6.0	298	14.5
2010	562	9.4	6.0	275	6.8	287	14.5
2011	536	9.0	6.1	265	6.7	271	13.9
2012	538	9.2	6.1	257	6.7	281	14.2
2013	534	9.2	6.0	245	6.3	289	14.8
2014	500	8.4	6.0	237	6.0	263	13.1
2015	517	8.7	6.0	249	6.3	268	13.4
2016	569	9.6	6.0	288	7.3	281	14.2
2017	551	9.3	5.9	277	7.2	274	13.6
2018	498	8.6	5.9	233	6.1	265	13.5
2019	525	9.0	6.5	259	6.8	266	12.9
2020	491	8.5	6.3	242	6.5	249	12.4
2021	510	8.8	6.4	253	6.5	257	13.4

¹ Rate is per 1,000 live births in specified group. See formula in Appendix B. Beginning in 1980, U.S. rates were calculated using a slightly different formula.

² Data for 1970-1989 are by race of fetus for fetal deaths and by race of child for live births. Data for 1990-2021 are by race of mother for fetal deaths and live births.

TABLE 30
FETAL DEATHS AND FETAL DEATH RATES¹
BY COUNTY OF RESIDENCE AND RACE OF MOTHER, ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	510	8.8	253	6.5	257	13.4
Autauga	4	5.7	2	3.9	2	11.1
Baldwin	10	4.0	4	1.9	6	16.7
Barbour	1	3.6	0	0.0	1	6.8
Bibb	4	17.4	1	5.6	3	56.6
Blount	4	5.8	4	6.0	0	0.0
Bullock	1	9.4	0	0.0	1	11.8
Butler	4	18.3	0	0.0	4	34.8
Calhoun	16	12.0	9	9.2	7	19.8
Chambers	7	17.7	2	8.0	5	34.0
Cherokee	1	3.9	1	4.2	0	0.0
Chilton	5	9.4	5	10.7	0	0.0
Choctaw	2	15.2	1	12.3	1	19.6
Clarke	3	10.8	0	0.0	3	19.6
Clay	3	20.3	2	16.9	1	33.3
Cleburne	1	5.6	1	5.9	0	0.0
Coffee	6	9.2	4	8.2	2	12.2
Colbert	7	10.8	4	7.4	3	27.8
Conecuh	0	0.0	0	0.0	0	0.0
Coosa	0	0.0	0	0.0	0	0.0
Covington	1	2.3	1	2.8	0	0.0
Crenshaw	2	13.1	1	8.8	1	25.6
Cullman	10	9.8	8	8.0	2	90.9
Dale	9	13.0	6	12.4	3	14.4
Dallas	7	15.9	0	0.0	7	20.2
DeKalb	12	14.4	10	14.1	2	16.0
Elmore	5	5.3	2	2.8	3	12.6
Escambia	4	9.4	1	3.6	3	19.9
Etowah	13	11.4	9	10.3	4	15.3
Fayette	2	10.7	1	6.2	1	40.0
Franklin	3	7.0	3	7.7	0	0.0
Geneva	4	13.8	3	11.5	1	34.5
Greene	1	10.8	0	0.0	1	12.0
Hale	7	34.0	2	22.5	5	42.7
Henry	4	23.4	2	18.5	2	31.7
Houston	15	11.3	5	6.1	10	19.8
Jackson	6	10.7	6	11.4	0	0.0
Jefferson	61	7.6	26	6.0	35	9.5
Lamar	0	0.0	0	0.0	0	0.0
Lauderdale	11	11.8	8	10.0	3	22.2
Lawrence	1	2.5	1	2.8	0	0.0
Lee	13	6.8	11	8.1	2	3.7
Limestone	8	6.7	5	4.9	3	18.2
Lowndes	3	22.1	0	0.0	3	27.0
Macon	1	5.6	0	0.0	1	7.1
Madison	35	8.1	18	6.0	17	12.8
Marengo	1	4.4	0	0.0	1	8.0
Marion	5	15.9	3	10.1	2	111.1
Marshall	8	5.4	5	4.4	3	8.4
Mobile	49	9.6	17	6.1	32	14.0
Monroe	4	16.7	1	9.2	3	22.9
Montgomery	31	10.1	4	4.2	27	12.8
Morgan	13	9.3	10	8.6	3	12.8
Perry	3	35.7	0	0.0	3	41.1
Pickens	3	17.0	3	28.6	0	0.0
Pike	0	0.0	0	0.0	0	0.0
Randolph	1	4.0	1	4.8	0	0.0
Russell	5	6.2	4	8.8	1	2.8
St. Clair	7	6.8	6	6.7	1	8.2
Shelby	18	7.8	13	7.0	5	11.5
Sumter	3	22.7	0	0.0	3	29.4
Talladega	10	11.6	5	9.3	5	15.3
Tallapoosa	3	7.2	3	11.2	0	0.0
Tuscaloosa	22	9.0	6	4.6	16	13.9
Walker	3	4.0	3	4.3	0	0.0
Washington	2	10.8	0	0.0	2	36.4
Wilcox	2	16.9	0	0.0	2	21.3
Winston	0	0.0	0	0.0	0	0.0

¹ Rate is per 1,000 live births in specified group. See formula in Appendix B. Rates which apply to populations with fewer than 50 births are shaded.

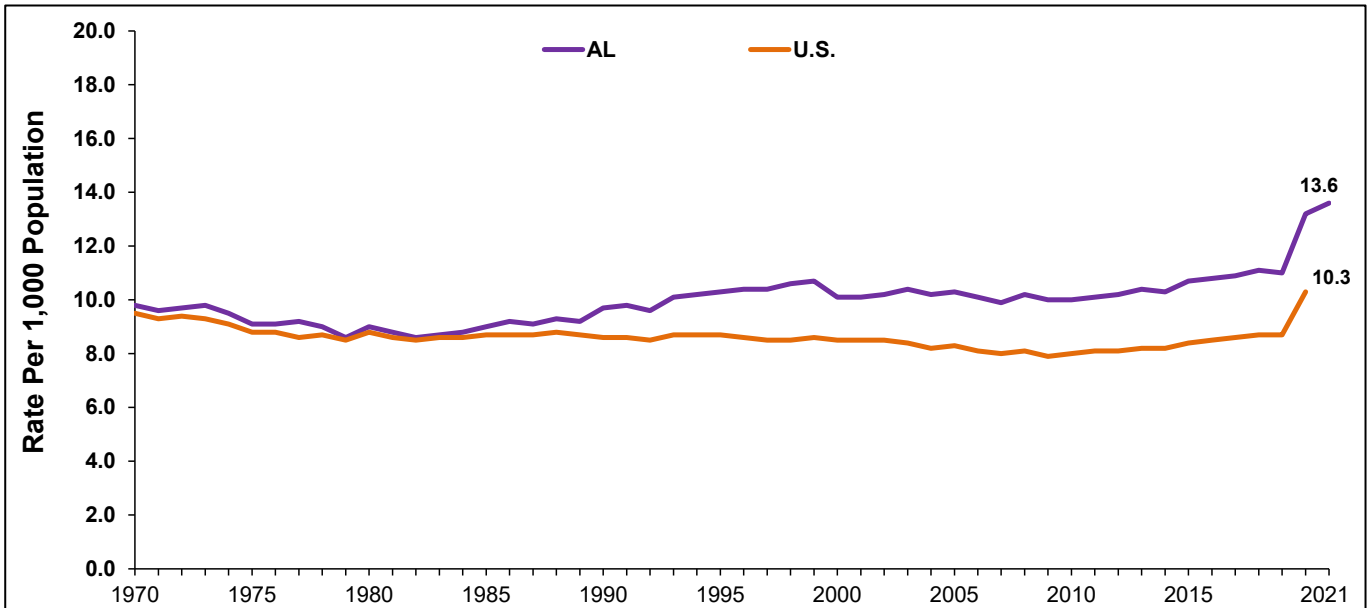
TABLE 31
RESIDENT DEATHS AND DEATH RATES¹ BY RACE
ALABAMA AND UNITED STATES², 1970-2021

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1970	33,693	9.8	9.5	23,071	9.1	9.5	10,622	11.7	9.4
1971	33,807	9.6	9.3	23,455	9.1	9.3	10,352	11.3	9.2
1972	34,577	9.7	9.4	24,038	9.3	9.4	10,539	11.5	9.2
1973	35,342	9.8	9.3	24,570	9.2	9.4	10,772	11.3	9.0
1974	34,712	9.5	9.1	24,466	9.1	9.1	10,246	10.7	8.6
1975	33,629	9.1	8.8	23,745	8.7	8.9	9,884	10.2	8.2
1976	34,220	9.1	8.8	23,973	8.7	8.9	10,247	10.4	8.1
1977	34,772	9.2	8.6	24,531	8.8	8.7	10,241	10.3	8.0
1978	34,489	9.0	8.7	24,465	8.7	8.8	10,024	10.0	7.9
1979	33,502	8.6	8.5	23,746	8.3	8.7	9,756	9.6	7.7
1980	35,305	9.0	8.8	24,942	8.6	8.9	10,363	10.1	7.9
1981	35,348	8.8	8.6	25,498	8.6	8.8	9,850	9.4	7.5
1982	34,957	8.6	8.5	25,362	8.5	8.7	9,595	9.1	7.3
1983	35,471	8.7	8.6	25,594	8.4	8.8	9,877	9.3	7.4
1984	36,431	8.8	8.6	26,418	8.6	8.9	10,013	9.4	7.3
1985	37,531	9.0	8.7	27,198	8.8	9.0	10,333	9.6	7.4
1986	37,690	9.2	8.7	27,538	9.1	9.0	10,152	9.4	7.5
1987	37,681	9.1	8.7	27,631	9.0	9.0	10,050	9.2	7.5
1988	39,077	9.3	8.8	28,505	9.2	9.1	10,572	9.6	7.6
1989	38,924	9.2	8.7	28,464	9.1	8.9	10,460	9.3	7.6
1990	39,335	9.7	8.6	28,685	9.6	8.9	10,650	10.0	7.4
1991	40,024	9.8	8.6	29,350	9.8	8.9	10,674	9.9	7.3
1992	39,199	9.6	8.5	28,697	9.6	8.8	10,502	9.8	7.2
1993	41,232	10.1	8.7	30,397	10.1	9.0	10,835	10.1	7.4
1994	41,631	10.2	8.7	30,794	10.2	9.0	10,837	10.0	7.3
1995	42,321	10.3	8.7	31,317	10.3	9.0	11,004	10.1	7.3
1996	42,806	10.4	8.6	31,918	10.5	9.0	10,888	10.0	7.1
1997	43,208	10.4	8.5	32,370	10.6	8.9	10,838	9.9	6.9
1998	43,905	10.6	8.5	32,987	10.8	8.9	10,918	9.9	6.8
1999	44,720	10.7	8.6	33,588	11.0	9.0	11,132	10.0	6.9
2000	44,967	10.1	8.5	33,998	10.7	9.0	10,969	8.5	6.8
2001	45,196	10.1	8.5	34,034	10.7	9.0	11,162	8.5	6.4
2002	46,017	10.2	8.5	34,690	10.9	9.0	11,327	8.5	6.4
2003	46,598	10.4	8.4	35,273	11.0	8.9	11,325	8.8	6.3
2004	46,019	10.2	8.2	34,794	10.8	8.7	11,225	8.7	6.2
2005	46,797	10.3	8.3	35,491	10.9	8.8	11,306	8.7	6.3
2006	46,259	10.1	8.1	35,049	10.7	8.7	11,210	8.5	6.1
2007	45,983	9.9	8.0	34,968	10.6	8.6	11,015	8.2	6.0
2008	47,601	10.2	8.1	36,290	11.0	8.7	11,311	8.4	6.0
2009	47,278	10.0	7.9	36,141	10.8	8.5	11,137	8.1	5.8
2010	47,897	10.0	8.0	36,724	11.2	8.6	11,173	7.4	5.6
2011	48,318	10.1	8.1	37,078	11.0	8.7	11,240	7.8	5.6
2012	49,212	10.2	8.1	37,906	11.2	8.8	11,306	7.8	5.6
2013	50,140	10.4	8.2	38,443	11.4	8.9	11,697	8.0	5.7
2014	50,127	10.3	8.2	38,508	11.4	8.9	11,619	7.9	5.7
2015	51,896	10.7	8.4	39,833	11.8	9.2	12,063	8.1	5.8
2016	52,452	10.8	8.5	40,129	11.9	9.2	12,323	8.3	6.0
2017	53,240	10.9	8.6	40,802	12.1	9.4	12,438	8.3	6.1
2018	54,357	11.1	8.7	41,485	12.3	9.4	12,872	8.5	6.2
2019	54,109	11.0	8.7	41,054	12.1	9.5	13,055	8.6	6.2
2020	64,779	13.2	10.3	48,185	14.2	11.0	16,594	10.9	7.9
2021	68,760	13.6	10.4	51,316	14.8	11.4	17,444	11.1	7.5

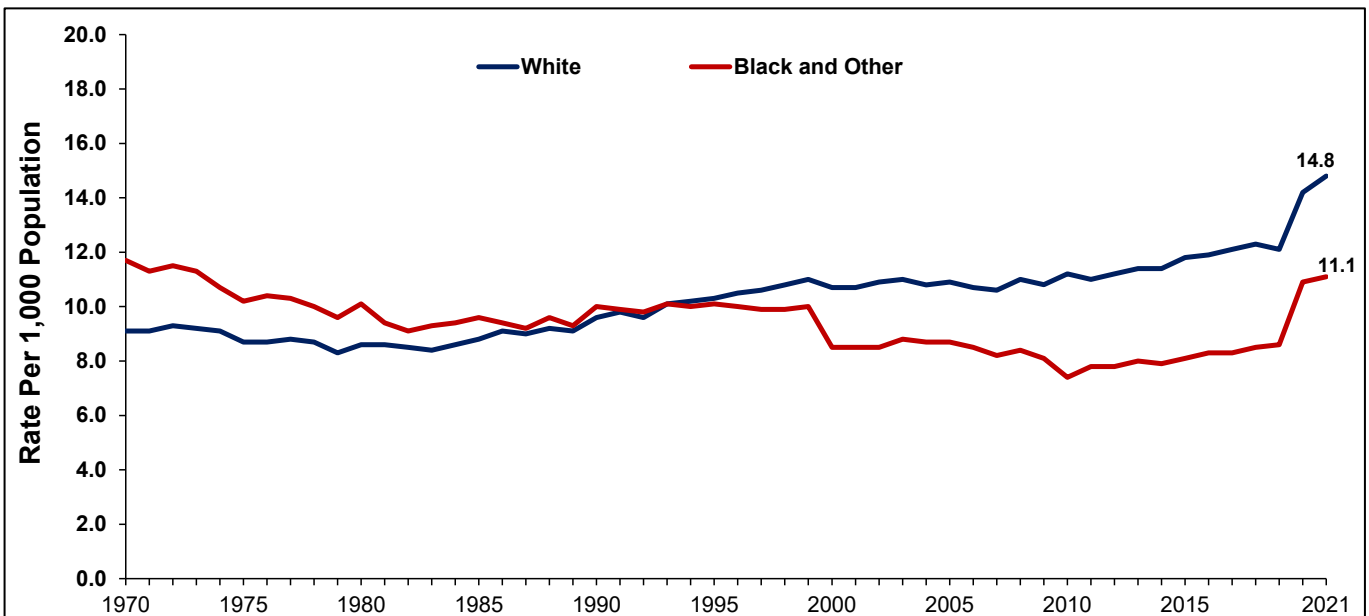
¹ Rate is per 1,000 population in specified group. See formula in Appendix B.

² U.S. rates were obtained from CDC WONDER online database (<https://wonder.cdc.gov/deaths-by-underlying-cause.html>).

**FIGURE 8. DEATH RATES
ALABAMA AND UNITED STATES, 1970-2021**



**FIGURE 9. DEATH RATES BY RACE
ALABAMA, 1970-2021**



**TABLE 32
DEATHS AND DEATH RATES¹ BY COUNTY OF RESIDENCE AND RACE
ALABAMA, 2021**

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	68,760	13.6	51,316	14.8	17,444	11.1
Autauga	705	11.9	576	13.0	129	8.8
Baldwin	3,086	12.9	2,826	13.5	260	8.7
Barbour	368	14.7	215	17.5	153	12.1
Bibb	336	14.9	286	16.7	50	9.3
Blount	839	14.2	824	14.6	15	5.7
Bullock	141	13.7	33	11.8	108	14.4
Butler	309	16.4	206	21.1	103	11.3
Calhoun	1,864	16.1	1,536	17.7	328	11.2
Chambers	576	16.7	373	19.0	203	13.6
Cherokee	468	18.7	453	19.6	15	8.2
Chilton	654	14.4	594	15.1	60	10.1
Choctaw	210	16.8	123	17.1	87	16.3
Clarke	387	17.0	216	18.1	171	15.8
Clay	235	16.6	206	17.4	29	12.2
Cleburne	261	17.3	256	17.9	5	6.3
Coffee	717	13.2	587	14.3	130	9.9
Colbert	886	15.4	728	15.8	158	13.8
Conecuh	225	19.9	125	21.4	100	18.2
Coosa	183	17.5	128	18.1	55	16.3
Covington	722	19.2	635	20.1	87	14.6
Crenshaw	241	18.4	181	19.3	60	16.2
Cullman	1,308	14.6	1,291	15.1	17	4.5
Dale	736	14.9	586	16.3	150	11.2
Dallas	676	18.0	227	22.3	449	16.4
DeKalb	1,114	15.5	1,090	16.4	24	4.4
Elmore	1,086	12.2	913	13.6	173	7.9
Escambia	659	18.0	459	20.2	200	14.3
Etowah	1,825	17.7	1,573	19.0	252	12.5
Fayette	314	19.4	284	20.5	30	13.2
Franklin	490	15.3	458	15.7	32	11.4
Geneva	527	19.7	467	20.2	60	17.0
Greene	137	18.0	33	23.5	104	16.7
Hale	262	17.8	114	18.9	148	17.0
Henry	271	15.5	186	14.8	85	17.5
Houston	1,600	14.9	1,199	16.4	401	11.7
Jackson	985	18.7	948	19.7	37	8.0
Jefferson	8,998	13.5	5,075	14.4	3,923	12.4
Lamar	242	17.7	212	17.7	30	17.5
Lauderdale	1,305	13.9	1,188	14.6	117	9.4
Lawrence	583	17.6	516	19.8	67	9.4
Lee	1,439	8.1	1,056	8.4	383	7.4
Limestone	1,151	10.7	1,035	11.9	116	5.6
Lowndes	182	18.3	53	20.5	129	17.5
Macon	246	13.0	43	12.6	203	13.1
Madison	4,090	10.3	3,181	11.7	909	7.4
Marengo	350	18.4	160	18.1	190	18.7
Marion	511	17.5	498	18.2	13	6.7
Marshall	1,424	14.5	1,370	15.1	54	7.4
Mobile	5,832	14.1	3,739	15.5	2,093	12.2
Monroe	373	19.0	241	22.3	132	14.9
Montgomery	2,779	12.2	1,209	15.6	1,570	10.5
Morgan	1,692	13.7	1,493	14.7	199	9.1
Perry	160	19.2	51	20.2	109	18.7
Pickens	340	18.1	210	19.3	130	16.4
Pike	457	13.9	303	16.1	154	10.9
Randolph	357	16.2	296	17.2	61	12.8
Russell	846	14.4	511	17.7	335	11.2
St. Clair	1,313	14.2	1,210	15.1	103	8.3
Shelby	1,931	8.5	1,693	9.2	238	5.7
Sumter	162	13.3	30	9.4	132	14.7
Talladega	1,367	16.8	968	18.6	399	13.6
Tallapoosa	728	17.7	563	19.4	165	13.7
Tuscaloosa	2,345	10.3	1,609	11.1	736	8.9
Walker	1,306	20.1	1,226	20.8	80	13.5
Washington	239	15.8	170	16.9	69	13.6
Wilcox	185	17.7	52	17.7	133	17.7
Winston	424	17.9	420	18.5	4	4.1

¹ Rate is per 1,000 live births in specified group. See formula in Appendix B. Use caution with rates derived from small numbers or based on small populations. Rates which apply to populations under 1,000 are shaded.

Figure 10. DEATH RATES BY COUNTY OF RESIDENCE ALABAMA, 2021

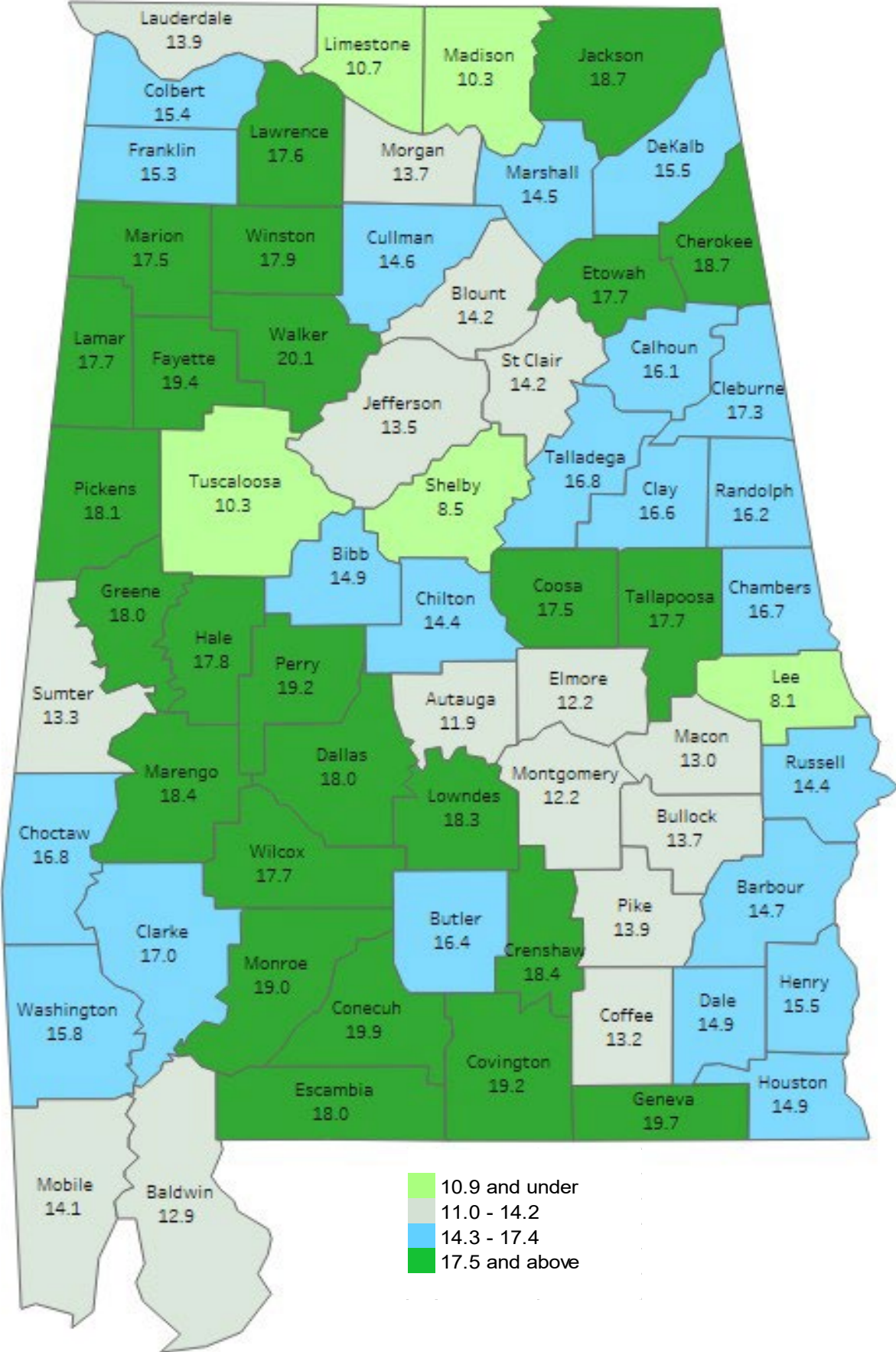


TABLE 33
DEATHS AND DEATH RATES¹ BY COUNTY OF RESIDENCE AND SEX
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	68,760	13.6	36,230	14.8	32,530	12.6
Autauga	705	11.9	375	13.1	330	10.9
Baldwin	3,086	12.9	1,689	14.5	1,397	11.4
Barbour	368	14.7	194	14.6	174	14.9
Bibb	336	14.9	175	14.4	161	15.6
Blount	839	14.2	445	15.1	394	13.3
Bullock	141	13.7	69	12.1	72	15.6
Butler	309	16.4	147	16.7	162	16.1
Calhoun	1,864	16.1	953	17.0	911	15.2
Chambers	576	16.7	322	19.4	254	14.1
Cherokee	468	18.7	251	20.2	217	17.3
Chilton	654	14.4	366	16.4	288	12.5
Choctaw	210	16.8	117	19.6	93	14.2
Clarke	387	17.0	198	18.3	189	15.8
Clay	235	16.6	136	19.5	99	13.7
Cleburne	261	17.3	139	18.7	122	15.9
Coffee	717	13.2	364	13.6	353	12.9
Colbert	886	15.4	487	17.6	399	13.4
Conecuh	225	19.9	125	22.9	100	17.0
Coosa	183	17.5	103	19.4	80	15.5
Covington	722	19.2	375	20.6	347	18.0
Crenshaw	241	18.4	118	18.4	123	18.4
Cullman	1,308	14.6	700	15.7	608	13.5
Dale	736	14.9	377	15.5	359	14.3
Dallas	676	18.0	339	19.4	337	16.7
DeKalb	1,114	15.5	580	16.2	534	14.8
Elmore	1,086	12.2	574	13.2	512	11.2
Escambia	659	18.0	331	17.9	328	18.1
Etowah	1,825	17.7	952	18.9	873	16.5
Fayette	314	19.4	150	18.9	164	20.0
Franklin	490	15.3	263	16.4	227	14.2
Geneva	527	19.7	307	23.4	220	16.2
Greene	137	18.0	66	18.6	71	17.4
Hale	262	17.8	140	20.0	122	15.8
Henry	271	15.5	140	16.6	131	14.5
Houston	1,600	14.9	869	16.8	731	13.1
Jackson	985	18.7	524	20.1	461	17.3
Jefferson	8,998	13.5	4,635	14.6	4,363	12.4
Lamar	242	17.7	124	18.3	118	17.1
Lauderdale	1,305	13.9	673	14.8	632	13.0
Lawrence	583	17.6	326	20.0	257	15.3
Lee	1,439	8.1	759	8.7	680	7.6
Limestone	1,151	10.7	628	11.6	523	9.8
Lowndes	182	18.3	97	20.6	85	16.1
Macon	246	13.0	140	16.3	106	10.3
Madison	4,090	10.3	2,176	11.2	1,914	9.6
Marengo	350	18.4	185	20.7	165	16.4
Marion	511	17.5	247	16.9	264	18.1
Marshall	1,424	14.5	730	15.0	694	14.0
Mobile	5,832	14.1	3,068	15.6	2,764	12.8
Monroe	373	19.0	190	20.2	183	17.9
Montgomery	2,779	12.2	1,449	13.5	1,330	11.1
Morgan	1,692	13.7	892	14.6	800	12.8
Perry	160	19.2	76	19.6	84	18.8
Pickens	340	18.1	176	18.6	164	17.5
Pike	457	13.9	226	14.3	231	13.5
Randolph	357	16.2	179	16.7	178	15.8
Russell	846	14.4	473	16.9	373	12.1
St. Clair	1,313	14.2	717	15.6	596	12.8
Shelby	1,931	8.5	1,043	9.5	888	7.6
Sumter	162	13.3	73	13.0	89	13.6
Talladega	1,367	16.8	722	18.3	645	15.4
Tallapoosa	728	17.7	369	18.5	359	17.1
Tuscaloosa	2,345	10.3	1,242	11.3	1,103	9.4
Walker	1,306	20.1	694	21.9	612	18.5
Washington	239	15.8	129	17.4	110	14.2
Wilcox	185	17.7	113	23.0	72	13.0
Winston	424	17.9	219	18.7	205	17.1

¹ Rate is per 1,000 population. See formula in Appendix B.

TABLE 34
RESIDENT DEATHS AND DEATH RATES¹
BY MONTH OF OCCURRENCE, ALABAMA, 2021

MONTH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	68,760	13.6	51,316	14.8	17,444	11.1
January	8,035	18.8	5,917	20.1	2,118	15.9
February	5,651	14.6	4,142	15.5	1,509	12.6
March	5,205	12.2	3,891	13.2	1,314	9.9
April	5,044	12.2	3,751	13.1	1,293	10.0
May	4,998	11.7	3,700	12.5	1,298	9.8
June	4,788	11.6	3,628	12.7	1,160	9.0
July	5,032	11.8	3,785	12.8	1,247	9.4
August	6,832	16.0	5,111	17.3	1,721	12.9
September	6,896	16.6	5,138	18.0	1,758	13.6
October	5,738	13.4	4,257	14.4	1,481	11.1
November	5,128	12.4	3,903	13.7	1,225	9.5
December	5,413	12.6	4,093	13.9	1,320	9.9

¹ Rate is per 1,000 population in specified group. See formula in Appendix B.

TABLE 35
RESIDENT DEATHS AND DEATH RATES¹ BY SELECTED CAUSES², RACE AND SEX
ALABAMA, 2021

CAUSE OF DEATH	TOTAL		WHITE				BLACK AND OTHER			
	TOTAL	RATE	MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	68,760	1,364.3	27,029	1,577.7	24,287	1,380.3	9,201	1,252.0	8,243	990.5
Salmonella infections (A01-A02)	2	0.0	0	0.0	1	0.1	1	0.1	0	0.0
Shigellosis and amebiasis (A03, A06)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Certain other intestinal infections (A04, A07-A09)	121	2.4	39	2.3	61	3.5	13	1.8	8	1.0
Tuberculosis (A16-A19)	9	0.2	3	0.2	4	0.2	1	0.1	1	0.1
Respiratory tuberculosis (A16)	5	0.1	0	0.0	3	0.2	1	0.1	1	0.1
Other tuberculosis (A17-A19)	4	0.1	3	0.2	1	0.1	0	0.0	0	0.0
Whooping cough (A37)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Scarlet fever and erysipelas (A38, A46)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal infection (A39)	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
Septicemia (A40-A41)	1,183	23.5	386	22.5	417	23.7	182	24.8	198	23.8
Syphilis (A50-A53)	1	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Acute poliomyelitis (A80)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Arthropod-borne viral encephalitis (A83-A84, A85.2)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles (B05)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral hepatitis (B15-B19)	45	0.9	28	1.6	9	0.5	5	0.7	3	0.4
Human immunodeficiency virus (B20-B24)	92	1.8	21	1.2	7	0.4	46	6.3	18	2.2
Malaria (B50-B54)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99, U07.1)	9,621	190.9	3,956	230.9	3,061	174.0	1,245	169.4	1,359	163.3
Coronavirus disease 2019 (U07.1)	9,468	187.9	3,896	227.4	3,011	171.1	1,230	167.4	1,331	159.9
Malignant neoplasms (C00-C97)	10,412	206.6	4,357	254.3	3,619	205.7	1,271	173.0	1,165	140.0
Lip, oral cavity and pharynx (C00-C14)	208	4.1	128	7.5	59	3.4	16	2.2	5	0.6
Esophagus (C15)	223	4.4	159	9.3	38	2.2	20	2.7	6	0.7
Stomach (C16)	185	3.7	77	4.5	52	3.0	37	5.0	19	2.3
Colon, rectum and anus (C18-C21)	921	18.3	356	20.8	315	17.9	148	20.1	102	12.3
Liver and intrahepatic bile ducts (C22)	469	9.3	237	13.8	113	6.4	72	9.8	47	5.6
Pancreas (C25)	760	15.1	289	16.9	279	15.9	93	12.7	99	11.9
Larynx (C32)	78	1.5	48	2.8	11	0.6	15	2.0	4	0.5
Trachea, bronchus and lung (C33-C34)	2,699	53.6	1,239	72.3	917	52.1	342	46.5	201	24.2
Skin (C43)	138	2.7	87	5.1	43	2.4	4	0.5	4	0.5
Breast (C50)	698	13.8	4	0.2	471	26.8	2	0.3	221	26.6
Cervix uteri (C53)	114	2.3	... ³	... ³	82	4.7	... ³	... ³	32	3.8
Corpus uteri and uterus, part unspecified (C54-C55)	148	2.9	... ³	... ³	86	4.9	... ³	... ³	62	7.4
Ovary (C56)	214	4.2	... ³	... ³	164	9.3	... ³	... ³	50	6.0
Prostate (C61)	532	10.6	350	20.4	... ³	... ³	182	24.8	... ³	... ³
Kidney and renal pelvis (C64-C65)	237	4.7	116	6.8	58	3.3	35	4.8	28	3.4
Bladder (C67)	253	5.0	161	9.4	51	2.9	19	2.6	22	2.6
Meninges, brain and other parts of central nervous system (C70-C72)	308	6.1	138	8.1	120	6.8	27	3.7	23	2.8
Lymphoid, hematopoietic and related tissue (C81-C96)	849	16.8	395	23.1	272	15.5	89	12.1	93	11.2
Hodgkin's disease (C81)	14	0.3	5	0.3	4	0.2	4	0.5	1	0.1
Non-Hodgkin's lymphoma (C82-C85)	276	5.5	152	8.9	89	5.1	21	2.9	14	1.7
Leukemia (C91-C95)	345	6.8	163	9.5	120	6.8	28	3.8	34	4.1
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	209	4.1	72	4.2	58	3.3	36	4.9	43	5.2
Other and unspecified lymphoid, hematopoietic and related tissue (C96)	5	0.1	3	0.2	1	0.1	0	0.0	1	0.1
All other and unspecified malignant neoplasms (C17,C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66,C68-C69, C73-C80,C97)	1,378	27.3	573	33.4	488	27.7	170	23.1	147	17.7
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	212	4.2	86	5.0	73	4.1	25	3.4	28	3.4
Anemias (D50-D64)	112	2.2	30	1.8	41	2.3	15	2.0	26	3.1
Diabetes mellitus (E10-E14)	1,654	32.8	654	38.2	395	22.4	318	43.3	287	34.5

¹ Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. Use caution with rates based on small numbers.

² See Appendix C.

³ Category not applicable.

TABLE 35 (Continued)
RESIDENT DEATHS AND DEATH RATES¹ BY SELECTED CAUSES², RACE AND SEX
ALABAMA, 2021

CAUSE OF DEATH	TOTAL		WHITE				BLACK AND OTHER			
	TOTAL	RATE	MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	68,760	1,364.3	27,029	1,577.7	24,287	1,380.3	9,201	1,252.0	8,243	990.5
Nutritional deficiencies (E40–E64)	523	10.4	145	8.46	268	15.2	35	4.8	75	9.0
Malnutrition (E40–E46)	514	10.2	141	8.2	265	15.1	34	4.6	74	8.9
Other nutritional deficiencies (E50–E64)	9	0.2	4	0.2	3	0.2	1	0.1	1	0.1
Meningitis (G00,G03)	12	0.2	4	0.2	3	0.2	4	0.5	1	0.1
Parkinson's disease (G20–G21)	723	14.3	391	22.8	260	14.8	40	5.4	32	3.8
Alzheimer's disease (G30)	2,724	54.0	648	37.8	1,607	91.3	136	18.5	333	40.0
Major cardiovascular diseases (I00–I78)	19,689	390.7	7,818	456.3	6,796	386.2	2,727	371.1	2,348	282.1
Diseases of the heart (I00–I09, I11, I13, I20–I51)	15,144	300.5	6,292	367.3	5,103	290.0	2,078	282.8	1,671	200.8
Acute rheumatic fever and chronic rheumatic heart diseases (I00–I09)	38	0.8	16	0.9	15	0.9	2	0.3	5	0.6
Hypertensive heart disease (I11)	1,348	26.7	441	25.7	555	31.5	189	25.7	163	19.6
Hypertensive heart and renal disease (I13)	364	7.2	130	7.6	150	8.5	35	4.8	49	5.9
Ischemic heart diseases (I20–I25)	5,257	104.3	2,503	146.1	1,567	89.1	749	101.9	438	52.6
Acute myocardial infarction (I21–I22)	1,656	32.9	782	45.6	465	26.4	253	34.4	156	18.7
Other acute ischemic heart diseases (I24)	26	0.5	13	0.8	5	0.3	4	0.5	4	0.5
Other forms of chronic ischemic heart disease (I20, I25)	3,575	70.9	1,708	99.7	1,097	62.3	492	66.9	278	33.4
Atherosclerotic cardiovascular disease, so described (I25.0)	982	19.5	455	26.6	292	16.6	150	20.4	85	10.2
All other forms of chronic ischemic heart disease (I20,I25.1–I25.9)	2,593	51.4	1,253	73.1	805	45.8	342	46.5	193	23.2
Other heart diseases (I26–I51)	8,137	161.5	3,202	186.9	2,816	160.0	1,103	150.1	1,016	122.1
Acute and subacute endocarditis (I33)	24	0.5	16	0.9	5	0.3	1	0.1	2	0.2
Diseases of pericardium and acute myocarditis (I30–I31, I40)	15	0.3	5	0.3	3	0.2	3	0.4	4	0.5
Heart failure (I50)	2,605	51.7	990	57.8	1,030	58.5	285	38.8	300	36.0
All other forms of heart disease (I26–I28, I34–I38, I42–I49, I51)	5,493	109.0	2,191	127.9	1,778	101.0	814	110.8	710	85.3
Essential (primary) hypertension and hypertensive renal disease (I10, I12, I15)	768	15.2	244	14.2	249	14.2	153	20.8	122	14.7
Cerebrovascular diseases (I60–I69)	3,359	66.6	1,115	65.1	1,324	75.2	426	58.0	494	59.4
Atherosclerosis (I70)	120	2.4	51	3.0	29	1.6	19	2.6	21	2.5
Other diseases of circulatory system (I71–I78)	298	5.9	116	6.8	91	5.2	51	6.9	40	4.8
Aortic aneurysm and dissection (I71)	131	2.6	64	3.7	36	2.0	22	3.0	9	1.1
Other diseases of arteries, arterioles and capillaries (I72–I78)	167	3.3	52	3.0	55	3.1	29	3.9	31	3.7
Other disorders of circulatory system (I80–I99)	144	2.9	51	3.0	57	3.2	17	2.3	19	2.3
Influenza and pneumonia (J09–J18)	1,032	20.5	400	23.3	397	22.6	132	18.0	103	12.4
Influenza (J09–J11)	22	0.4	5	0.3	11	0.6	3	0.4	3	0.4
Pneumonia (J12–J18)	1,010	20.0	395	23.1	386	21.9	129	17.6	100	12.0
Other acute lower respiratory infections (J20–J22, U04)	4	0.1	1	0.1	1	0.1	1	0.1	1	0.1
Acute bronchitis and bronchiolitis (J20–J21)	4	0.1	1	0.1	1	0.1	1	0.1	1	0.1
Unspecified acute lower respiratory infection (J22, U04)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic lower respiratory diseases (J40–J47)	3,278	65.0	1,330	77.6	1,532	87.1	223	30.3	193	23.2
Bronchitis, chronic and unspecified (J40–J42)	19	0.4	7	0.4	4	0.2	4	0.5	4	0.5
Emphysema (J43)	95	1.9	41	2.4	41	2.3	8	1.1	5	0.6
Asthma (J45–J46)	66	1.3	9	0.5	20	1.1	15	2.0	22	2.6
Other chronic lower respiratory diseases (J44, J47)	3,098	61.5	1,273	74.3	1,467	83.4	196	26.7	162	19.5
Pneumoconiosis and chemical effects (J60–J66, J68)	8	0.2	8	0.5	0	0.0	0	0.0	0	0.0
Pneumonitis due to solids and liquids (J69)	332	6.6	150	8.8	102	5.8	45	6.1	35	4.2
Other diseases of the respiratory system (J00–J06, J30–J39, J67, J70–J98)	988	19.6	393	22.9	383	21.8	104	14.2	108	13.0
Peptic ulcer (K25–K28)	70	1.4	25	1.5	25	1.4	11	1.5	9	1.1
Diseases of the appendix (K35–K38)	6	0.1	2	0.1	2	0.1	2	0.3	0	0.0
Hernia (K40–K46)	29	0.6	9	0.5	14	0.8	4	0.5	2	0.2
Chronic liver disease and cirrhosis (K70, K73–K74)	1,040	20.6	543	31.7	353	20.1	91	12.4	53	6.4
Alcoholic liver disease (K70)	425	8.4	255	14.9	115	6.5	37	5.0	18	2.2
Other chronic liver disease and cirrhosis (K73–K74)	615	12.2	288	16.8	238	13.5	54	7.3	35	4.2

¹ Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. Use caution with rates based on small numbers.

² See Appendix C.

TABLE 35 (Continued)
RESIDENT DEATHS AND DEATH RATES¹ BY SELECTED CAUSES², RACE AND SEX
ALABAMA, 2021

CAUSE OF DEATH	TOTAL		WHITE				BLACK AND OTHER			
	TOTAL	RATE	MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	68,760	1,364.3	27,029	1,577.7	24,287	1,380.3	9,201	1,252.0	8,243	990.5
Cholelithiasis and other gallbladder disorders (K80–K82)	64	1.3	26	1.5	23	1.3	10	1.4	5	0.6
Nephritis, nephrotic syndrome and nephrosis (N00–N07, N17–N19, N25–N27)	1,161	23.0	390	22.8	340	19.3	208	28.3	223	26.8
Acute and rapidly progressive nephritic and nephrotic syndrome (N00–N01, N04)	13	0.3	6	0.4	4	0.2	1	0.1	2	0.2
Chronic glomerulonephritis nephritis and nephritis not specified as acute and renal sclerosis (N02–N03, N05–N07, N26)	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
Renal failure (N17–N19)	1,147	22.8	383	22.4	336	19.1	207	28.2	221	26.6
Other disorders of kidney (N25, N27)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of kidney (N10–N12, N13.6, N15.1)	22	0.4	2	0.1	11	0.6	2	0.3	7	0.8
Hyperplasia of prostate (N40)	3	0.1	3	0.2	...	...	0	0.0	...	...
Inflammatory diseases of female pelvic organs (N70–N76)	3	0.1	...	...	1	0.1	...	...	2	0.2
Pregnancy, childbirth and the puerperium (O00–O99)	51	1.0	...	...	28	1.6	...	...	23	2.8
Pregnancy with abortive outcome (O00–O07)	1	0.0	...	...	1	0.1	...	...	0	0.0
Other complications of pregnancy, childbirth and the puerperium (O10–O99)	50	1.0	...	...	27	1.5	...	...	23	2.8
Certain conditions originating in the perinatal period (P00–P96)	187	3.7	48	2.8	46	2.6	51	6.9	42	5.0
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	150	3.0	58	3.4	48	2.7	24	3.3	20	2.4
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	1,120	22.2	367	21.4	346	19.7	216	29.4	191	23.0
All other diseases (residual)	6,729	133.5	2,260	131.9	2,853	162.1	714	97.2	902	108.4
Accidents (V01–X59, Y85–Y86)	3,443	68.3	1,631	95.2	877	49.8	642	87.4	293	35.2
Transport accidents (V01–V99, Y85)	1,081	21.4	502	29.3	241	13.7	235	32.0	103	12.4
Motor vehicle accidents (V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2)	1,046	20.8	480	28.0	237	13.5	226	30.8	103	12.4
Other land transport (V01, V05–V06, V09.1, V09.3–V09.9, V10–V11, V15–V18, V19.3, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V87.9, V88.9, V89.1, V89.3, V89.9)	19	0.4	7	0.4	4	0.2	8	1.1	0	0.0
Water, air, space and other and unspecified transport accidents and their sequelae (V90–V99, Y85)	16	0.3	15	0.9	0	0.0	1	0.1	0	0.0
Nontransport accidents (W00–X59, Y86)	2,362	46.9	1,129	65.9	636	36.1	407	55.4	190	22.8
Falls (W00–W19)	311	6.2	153	8.9	112	6.4	24	3.3	22	2.6
Accidental discharge of firearms (W32–W34)	19	0.4	7	0.4	4	0.2	7	1.0	1	0.1
Accidental drowning and submersion (W65–W74)	76	1.5	41	2.4	14	0.8	19	2.6	2	0.2
Accidental exposure to smoke, fire and flames (X00–X09)	107	2.1	36	2.1	23	1.3	34	4.6	14	1.7
Accidental poisoning and exposure to noxious substances (X40–X49)	1,372	27.2	684	39.9	338	19.2	247	33.6	103	12.4
Other and unspecified nontransport accidents and their sequelae (W20–W31, W35–W64, W75–W99, X10–X39, X50–X59)	477	9.5	208	12.1	145	8.2	76	10.3	48	5.8
Intentional self-harm (suicide) (*U03, X60–X84, Y87.0)	821	16.3	563	32.9	124	7.0	111	15.1	23	2.8
Suicide by discharge of firearms (X72–X74)	622	12.3	437	25.5	80	4.5	95	12.9	10	1.2
Suicide by other and unspecified means and their sequelae (*U03, X60–X71, X75–X84, Y87.0)	199	3.9	126	7.4	44	2.5	16	2.2	13	1.6
Assault (homicide) (*U01–*U02, X85–Y09, Y87.1)	744	14.8	136	7.9	42	2.4	490	66.7	76	9.1
Homicide by discharge of firearms (*U01.4, X93–X95)	647	12.8	104	6.1	34	1.9	447	60.8	62	7.4
Homicide by other and unspecified means and their sequelae (*U01.0–*U01.3, *U01.5–*U01.9, *U02, X85–X92, X96–Y09, Y87.1)	97	1.9	32	1.9	8	0.5	43	5.9	14	1.7
Legal intervention (Y35, Y89.0)	14	0.3	8	0.5	1	0.1	5	0.7	0	0.0
Events of undetermined intent (Y10–Y34, Y87.2, Y89.9)	83	1.6	33	1.9	25	1.4	17	2.3	8	1.0
Discharge of firearms, undetermined intent (Y22–Y24)	12	0.2	4	0.2	2	0.1	5	0.7	1	0.1
Other and unspecified events of undetermined intent and their sequelae (Y10–Y21, Y25–Y34, Y87.2, Y89.9)	71	1.4	29	1.7	23	1.3	12	1.6	7	0.8
Operations of war and their sequelae (Y36, Y89.1)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of medical and surgical care (Y40–Y84, Y88)	96	1.9	25	1.5	33	1.9	16	2.2	22	2.6

¹ Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. Use caution with rates based on small numbers.

² See Appendix C.

³ Category not applicable.

An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision* (ICD-10).

TABLE 36
LEADING CAUSES OF DEATH, DEATH PERCENTAGES AND DEATH RATES¹ BY RACE AND SEX
ALABAMA, 2021

CAUSE OF DEATH		NUMBER	PERCENT	RATE
RANK	TOTAL	68,760	100.0	1,364.3
1	Diseases of the heart	15,144	22.0	300.5
2	Malignant neoplasms	10,412	15.1	206.6
3	Coronavirus disease 2019	9,468	13.8	187.9
4	Accidents (unintentional injuries)	3,443	5.0	68.3
5	Cerebrovascular diseases	3,359	4.9	66.6
6	Chronic lower respiratory diseases	3,278	4.8	65.0
7	Alzheimer's disease	2,724	4.0	54.0
8	Diabetes mellitus	1,654	2.4	32.8
9	Septicemia	1,183	1.7	23.5
10	Nephritis, nephrotic syndrome and nephrosis	1,161	1.7	23.0
11	Chronic liver disease and cirrhosis	1,040	1.5	20.6
12	Influenza and pneumonia	1,032	1.5	20.5
13	Intentional self-harm (suicide)	821	1.2	16.3
14	Essential (primary) hypertension and hypertensive renal disease	768	1.1	15.2
15	Assault (homicide)	744	1.1	14.8
	All other causes	12,529	18.2	---
RANK	WHITE (TOTAL)	51,316	100.0	1,477.7
1	Diseases of the heart	11,395	22.2	328.1
2	Malignant neoplasms	7,976	15.5	229.7
3	Coronavirus disease 2019	6,907	13.5	198.9
4	Chronic lower respiratory diseases	2,862	5.6	82.4
5	Accidents (unintentional injuries)	2,508	4.9	72.2
6	Cerebrovascular diseases	2,439	4.8	70.2
7	Alzheimer's disease	2,255	4.4	64.9
8	Diabetes mellitus	1,049	2.0	30.2
9	Chronic liver disease and cirrhosis	896	1.7	25.8
10	Septicemia	803	1.6	23.1
11	Influenza and pneumonia	797	1.6	23.0
12	Nephritis, nephrotic syndrome and nephrosis	730	1.4	21.0
13	Intentional self-harm (suicide)	687	1.3	19.8
14	Parkinson's disease	651	1.3	18.7
15	Essential (primary) hypertension and hypertensive renal disease	493	1.0	14.2
	All other causes	8,868	17.3	---
RANK	WHITE MALE	27,029	100.0	1,577.7
1	Diseases of the heart	6,292	23.3	367.3
2	Malignant neoplasms	4,357	16.1	254.3
3	Coronavirus disease 2019	3,896	14.4	227.4
4	Accidents (unintentional injuries)	1,631	6.0	95.2
5	Chronic lower respiratory diseases	1,330	4.9	77.6
6	Cerebrovascular diseases	1,115	4.1	65.1
7	Diabetes mellitus	654	2.4	38.2
8	Alzheimer's disease	648	2.4	37.8
9	Intentional self-harm (suicide)	563	2.1	32.9
10	Chronic liver disease and cirrhosis	543	2.0	31.7
11	Influenza and pneumonia	400	1.5	23.3
12	Parkinson's disease	391	1.4	22.8
13	Nephritis, nephrotic syndrome and nephrosis	390	1.4	22.8
14	Septicemia	386	1.4	22.5
15	Essential (primary) hypertension and hypertensive renal disease	244	0.9	14.2
	All other causes	4,189	15.5	---
RANK	WHITE FEMALE	24,287	100.0	1,380.3
1	Diseases of the heart	5,103	21.0	290.0
2	Malignant neoplasms	3,619	14.9	205.7
3	Coronavirus disease 2019	3,011	12.4	171.1
4	Alzheimer's disease	1,607	6.6	91.3
5	Chronic lower respiratory diseases	1,532	6.3	87.1
6	Cerebrovascular diseases	1,324	5.5	75.2
7	Accidents (unintentional injuries)	877	3.6	49.8
8	Septicemia	417	1.7	23.7
9	Influenza and pneumonia	397	1.6	22.6
10	Diabetes mellitus	395	1.6	22.4
11	Chronic liver disease and cirrhosis	353	1.5	20.1
12	Nephritis, nephrotic syndrome and nephrosis	340	1.4	19.3
13	Malnutrition	268	1.1	15.2
14	Parkinson's disease	260	1.1	14.8
15	Essential (primary) hypertension and hypertensive renal disease	249	1.0	14.2
	All other causes	4,535	18.7	---

¹ Rates are per 100,000 population in specified group. See formula in Appendix B.

TABLE 36 (Continued)
LEADING CAUSES OF DEATH, DEATH PERCENTAGES AND DEATH RATES¹ BY RACE AND SEX
ALABAMA, 2021

CAUSE OF DEATH		NUMBER	PERCENT	RATE
RANK	BLACK AND OTHER (TOTAL)	17,444	100.0	1,113.1
1	Diseases of the heart	3,749	21.5	239.2
2	Coronavirus disease 2019	2,561	14.7	163.4
3	Malignant neoplasms	2,436	14.0	155.4
4	Accidents (unintentional injuries)	935	5.4	59.7
5	Cerebrovascular diseases	920	5.3	58.7
6	Diabetes mellitus	605	3.5	38.6
7	Assault (homicide)	566	3.2	36.1
8	Alzheimer's disease	469	2.7	29.9
9	Nephritis, nephrotic syndrome and nephrosis	431	2.5	27.5
10	Chronic lower respiratory diseases	416	2.4	26.5
11	Septicemia	380	2.2	24.2
12	Essential (primary) hypertension and hypertensive renal disease	275	1.6	17.5
13	Influenza and pneumonia	235	1.3	15.0
14	Chronic liver disease and cirrhosis	144	0.8	9.2
15	Intentional self-harm (suicide)	134	0.8	8.6
	All other causes	3,188	18.3	---
RANK	BLACK AND OTHER MALE	9,201	100.0	1,252.0
1	Diseases of the heart	2,078	22.6	282.8
2	Malignant neoplasms	1,271	13.8	173.0
3	Coronavirus disease 2019	1,230	13.4	167.4
4	Accidents (unintentional injuries)	642	7.0	87.4
5	Assault (homicide)	490	5.3	66.7
6	Cerebrovascular diseases	426	4.6	58.0
7	Diabetes mellitus	318	3.5	43.3
8	Chronic lower respiratory diseases	223	2.4	30.3
9	Nephritis, nephrotic syndrome and nephrosis	208	2.3	28.3
10	Septicemia	182	2.0	24.8
10	Essential (primary) hypertension and hypertensive renal disease	153	1.7	20.8
12	Alzheimer's disease	136	1.5	18.5
13	Influenza and pneumonia	132	1.4	18.0
14	Intentional self-harm (suicide)	111	1.2	15.1
15	Chronic liver disease and cirrhosis	91	1.0	12.4
	All other causes	1,510	16.4	---
RANK	BLACK AND OTHER FEMALE	8,243	100.0	990.5
1	Diseases of the heart	1,671	20.3	200.8
2	Coronavirus disease 2019	1,331	16.1	159.9
3	Malignant neoplasms	1,165	14.1	140.0
4	Cerebrovascular diseases	494	6.0	59.4
5	Alzheimer's disease	333	4.0	40.0
6	Accidents (unintentional injuries)	293	3.6	35.2
7	Diabetes mellitus	287	3.5	34.5
8	Nephritis, nephrotic syndrome and nephrosis	223	2.7	26.8
9	Septicemia	198	2.4	23.8
10	Chronic lower respiratory diseases	193	2.3	23.2
11	Essential (primary) hypertension and hypertensive renal disease	122	1.5	14.7
12	Influenza and pneumonia	103	1.2	12.4
13	Assault (homicide)	76	0.9	9.1
14	Malnutrition	75	0.9	9.0
15	Chronic liver disease and cirrhosis	53	0.6	6.4
	All other causes	1,626	19.7	---

¹ Rates are per 100,000 population in specified group. See formula in Appendix B.

TABLE 37
LEADING CAUSES OF DEATH¹ AND DEATH RATES² BY RACE AND AGE GROUP
ALABAMA, 2021

AGE GROUP AND CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
UNDER 1 YEAR	443	759.1	226	622.3	217	984.5
Congenital malformations, deformations and chromosomal abnormalities	69	118.2	45	123.9	24	108.9
Disorders related to short gestation and low birth weight, not elsewhere classified	65	111.4	28	77.1	37	167.9
Sudden infant death syndrome (SIDS)	39	66.8	21	57.8	18	81.7
Newborn affected by maternal complications of pregnancy	17	29.1	11	30.3	6	27.2
Accidents (unintentional injuries)	16	27.4	8	22.0	8	36.3
1-4 YEARS	98	42.0	47	32.4	51	57.8
Accidents (unintentional injuries)	35	15.0	20	13.8	15	17.0
Assault (homicide)	13	5.6	1	0.7	12	13.6
Congenital malformations, deformations and chromosomal abnormalities	7	3.0	6	4.1	1	1.1
Malignant neoplasms	7	3.0	4	2.8	3	3.4
5-14 YEARS	136	21.4	70	17.1	66	29.3
Accidents (unintentional injuries)	40	6.3	19	4.6	21	9.3
Malignant neoplasms	18	2.8	7	1.7	11	4.9
Intentional self-harm (suicide)	16	2.5	13	3.2	3	1.3
Diseases of the heart	11	1.7	3	0.7	8	3.6
Congenital malformations, deformations and chromosomal abnormalities	8	1.3	3	0.7	5	2.2
Assault (homicide)	7	1.1	2	0.5	5	2.2
15-19 YEARS	291	89.9	141	66.9	150	132.8
Accidents (unintentional injuries)	107	33.1	72	34.2	35	31.0
Assault (homicide)	79	24.4	8	3.8	71	62.9
Intentional self-harm (suicide)	35	10.8	26	12.3	9	8.0
Diseases of the heart	10	3.1	4	1.9	6	5.3
Malignant neoplasms	10	3.1	10	4.7	0	0.0
20-24 YEARS	501	152.2	237	111.9	264	225.2
Accidents (unintentional injuries)	189	57.4	127	59.9	62	52.9
Assault (homicide)	128	38.9	12	5.7	116	98.9
Intentional self-harm (suicide)	56	17.0	34	16.0	22	18.8
Coronavirus disease 2019	23	7.0	9	4.2	14	11.9
Diseases of the heart	21	6.4	12	5.7	9	7.7
25-34 YEARS	1,680	255.9	950	221.8	730	319.9
Accidents (unintentional injuries)	566	86.2	380	88.7	186	81.5
Assault (homicide)	216	32.9	45	10.5	171	74.9
Coronavirus disease 2019	164	25.0	95	22.2	69	30.2
Intentional self-harm (suicide)	161	24.5	115	26.9	46	20.2
Diseases of the heart	149	22.7	82	19.1	67	29.4

¹ See Appendix C for the ICD-10 codes that correspond to causes of death.

² Rate is per 100,000 population in specified group. Use caution with rates based on small populations.

TABLE 37 (Continued)
LEADING CAUSES OF DEATH¹ AND DEATH RATES² BY RACE AND AGE GROUP
ALABAMA, 2021

AGE GROUP AND CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
35-44 YEARS	2,749	442.4	1,750	415.8	999	498.5
Accidents (unintentional injuries)	672	108.2	503	119.5	169	84.3
Coronavirus disease 2019	439	70.7	255	60.6	184	91.8
Diseases of the heart	421	67.8	246	58.4	175	87.3
Malignant neoplasms	197	31.7	121	28.7	76	37.9
Assault (homicide)	137	22.0	41	9.7	96	47.9
45-54 YEARS	4,979	800.2	3,348	760.6	1,631	896.2
Diseases of the heart	1,030	165.5	653	148.3	377	207.1
Coronavirus disease 2019	975	156.7	648	147.2	327	179.7
Malignant neoplasms	620	99.6	435	98.8	185	101.7
Accidents (unintentional injuries)	501	80.5	375	85.2	126	69.2
Chronic liver disease and cirrhosis	186	29.9	163	37.0	23	12.6
55-64 YEARS	10,757	1,599.9	7,556	1,555.7	3,201	1,714.7
Diseases of the heart	2,291	340.7	1,566	322.4	725	388.4
Malignant neoplasms	2,053	305.3	1,525	314.0	528	282.8
Coronavirus disease 2019	1,898	282.3	1,331	274.0	567	303.7
Chronic lower respiratory diseases	482	71.7	413	85.0	69	37.0
Accidents (unintentional injuries)	466	69.3	330	67.9	136	72.9
65-74 YEARS	15,845	2,923.7	11,445	2,811.6	4,400	3,262.2
Diseases of the heart	3,357	619.4	2,325	571.2	1,032	765.1
Malignant neoplasms	3,316	611.9	2,489	611.4	827	613.2
Coronavirus disease 2019	2,515	464.1	1,841	452.3	674	499.7
Chronic lower respiratory diseases	944	174.2	803	197.3	141	104.5
Cerebrovascular diseases	726	134.0	479	117.7	247	183.1
75-84 YEARS	16,744	6,398.9	13,555	6,462.4	3,189	6,142.4
Diseases of the heart	3,690	1,410.2	2,989	1,425.0	701	1,350.2
Malignant neoplasms	2,787	1,065.1	2,272	1,083.2	515	991.9
Coronavirus disease 2019	2,164	827.0	1,706	813.3	458	882.2
Chronic lower respiratory diseases	1,079	412.3	957	456.3	122	235.0
Cerebrovascular diseases	1,007	384.8	798	380.4	209	402.6
85+ YEARS	14,537	17,061.8	11,991	17,671.2	2,546	14,677.7
Diseases of the heart	4,145	4,864.9	3,502	5,160.9	643	3,706.9
Alzheimer's disease	1,479	1,735.9	1,227	1,808.2	252	1,452.8
Malignant neoplasms	1,322	1,551.6	1,061	1,563.6	261	1,504.7
Coronavirus disease 2019	1,280	1,502.3	1,020	1,503.2	260	1,498.9
Cerebrovascular diseases	996	1,169.0	790	1,164.2	206	1,187.6

¹ See Appendix C for the ICD-10 codes that correspond to causes of death.

² Rate is per 100,000 population in specified group. Use caution with rates based on small populations.

TABLE 38
SELECTED CAUSES OF DEATH BY AGE GROUP
ALABAMA, 2021

CAUSE OF DEATH	AGE GROUP											
	TOTAL	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
TOTAL	68,760	443	98	136	792	1,680	2,749	4,979	10,757	15,845	16,744	14,537
Diseases of the heart	15,144	13	6	11	31	149	421	1,030	2,291	3,357	3,690	4,145
Malignant neoplasms	10,412	0	7	18	22	70	197	620	2,053	3,316	2,787	1,322
Coronavirus disease 2019	9,468	1	1	1	30	164	439	975	1,898	2,515	2,164	1,280
Accidents (unintentional injuries)	3,443	16	35	40	296	566	672	501	466	315	289	247
Cerebrovascular diseases	3,359	3	2	0	2	14	68	159	382	726	1,007	996
Chronic lower respiratory diseases	3,278	0	1	2	2	9	24	86	482	944	1,079	649
Alzheimer's disease	2,724	0	0	0	0	0	0	4	49	258	934	1,479
Diabetes mellitus	1,654	0	0	1	7	26	74	150	333	475	389	199
Septicemia	1,183	6	1	3	1	14	37	90	217	362	280	172
Nephritis, nephrotic syndrome and nephrosis	1,161	1	0	1	0	11	26	59	156	328	317	262
Chronic liver disease and cirrhosis	1,040	0	0	0	1	20	86	186	362	233	117	35
Influenza and pneumonia	1,032	6	0	0	3	9	29	50	144	241	276	274
Intentional self-harm (suicide)	821	0	0	16	91	161	114	136	144	89	48	22
Essential hypertension and hypertensive renal disease	768	0	0	0	2	7	24	75	133	162	171	194
Assault (homicide)	744	10	13	7	207	216	137	77	48	17	8	4
Parkinson's disease	723	0	0	0	0	0	0	0	17	131	340	235
Pneumonitis due to solids and liquids	332	0	1	2	1	5	10	12	40	82	79	100
In situ, benign, or uncertain neoplasms	212	0	0	2	0	2	4	8	15	58	66	57
Certain conditions originating in the perinatal period	187	186	1	0	0	0	0	0	0	0	0	0
Congenital anomalies	150	69	7	8	6	9	8	20	10	7	5	1
Aortic aneurysm and dissection	131	0	0	0	1	3	6	11	20	48	30	12
Atherosclerosis	120	0	0	0	0	0	1	9	27	41	22	20
Human immunodeficiency virus infection	92	0	0	0	0	10	13	23	29	15	2	0

TABLE 39
ALABAMA HEART DISEASE DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES HEART DISEASE DEATH RATES
1970-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	362.0	11,311	328.0	8,404	331.5	2,907	318.2
1971	360.5	11,412	329.2	8,562	333.8	2,850	316.2
1972	363.0	11,346	325.7	8,581	331.3	2,765	309.3
1973	360.8	11,605	331.4	8,696	332.5	2,909	328.1
1974	349.2	11,612	329.9	8,792	333.0	2,820	320.7
1975	336.2	10,967	310.0	8,457	317.3	2,510	287.8
1976	337.2	11,158	313.9	8,498	315.9	2,660	307.6
1977	332.3	11,210	313.8	8,607	317.0	2,603	303.5
1978	334.3	11,326	302.7	8,574	306.6	2,752	291.1
1979	326.5	11,470	302.9	8,668	306.4	2,802	292.6
1980	336.0	11,807	302.6	8,960	311.3	2,847	278.3
1981	328.7	12,010	304.4	9,275	318.5	2,735	264.5
1982	326.0	12,091	302.7	9,220	312.7	2,871	274.4
1983	329.2	12,385	302.5	9,357	308.5	3,028	285.4
1984	323.5	12,695	307.2	9,558	311.9	3,137	293.8
1985	323.0	13,048	312.9	9,774	315.7	3,274	304.9
1986	317.5	12,887	314.2	9,678	320.2	3,209	297.3
1987	312.4	13,093	315.6	9,855	322.4	3,238	296.2
1988	311.3	13,211	314.9	10,017	324.2	3,194	288.8
1989	295.6	13,118	309.3	9,900	317.0	3,218	287.5
1990	289.5	12,893	319.1	9,778	328.6	3,115	292.5
1991	285.9	13,186	323.4	9,931	331.7	3,255	300.7
1992	282.5	12,806	314.6	9,682	322.6	3,124	292.1
1993	288.4	13,549	331.7	10,324	342.9	3,225	300.1
1994	281.3	13,107	319.7	10,104	334.6	3,003	278.1
1995	280.7	13,341	324.3	10,159	335.5	3,182	293.3
1996	276.4	13,466	326.2	10,415	342.9	3,051	279.7
1997	271.6	13,522	326.5	10,493	344.6	3,029	276.3
1998	268.2	13,449	323.7	10,361	339.4	3,088	280.2
1999	259.9	13,381	321.0	10,340	337.9	3,041	274.4
2000	252.6	13,354	300.3	10,358	327.5	2,996	233.3
2001	245.7	13,177	293.7	10,141	319.1	3,036	232.1
2002	242.3	13,183	291.3	10,132	317.2	3,051	229.0
2003	236.1	13,149	292.2	10,070	313.6	3,079	238.7
2004	222.8	12,734	281.1	9,822	303.6	2,912	224.8
2005	220.7	12,800	280.8	9,872	303.5	2,928	224.4
2006	211.7	12,434	270.4	9,606	303.5	2,828	213.8
2007	204.5	11,761	254.1	9,035	274.8	2,726	203.4
2008	202.8	12,091	259.4	9,383	283.4	2,708	200.5
2009	195.4	11,962	254.0	9,282	277.9	2,680	195.8
2010	193.6	12,035	251.8	9,272	283.1	2,763	183.7
2011	191.5	11,882	247.4	9,194	273.0	2,688	187.4
2012	191.0	12,002	248.9	9,231	273.6	2,771	191.3
2013	193.3	12,453	257.6	9,523	282.1	2,930	210.0
2014	192.7	12,438	256.4	9,613	284.6	2,825	191.9
2015	197.2	12,970	266.9	10,139	300.6	2,831	189.9
2016	196.6	12,824	263.1	9,912	293.9	2,912	195.3
2017	198.8	13,105	268.8	10,171	301.4	2,934	195.5
2018	200.3	13,473	275.6	10,251	303.3	3,222	213.7
2019	200.8	13,445	274.2	10,251	302.4	3,194	211.0
2020	211.5	14,739	299.5	11,114	327.3	3,625	237.6
2021	209.6	15,144	300.5	11,395	328.1	3,749	239.2

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 40
HEART DISEASE DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	15,144	300.5	6,292	367.3	5,103	290.0	2,078	282.8	1,671	200.8
Under 1	13	22.3	2	10.7	6	34.0	3	26.8	2	18.5
1-4	6	2.6	4	5.4	1	1.4	0	0.0	1	2.3
5-9	1	0.3	0	0.0	0	0.0	0	0.0	1	1.8
10-14	10	3.1	3	2.8	0	0.0	5	8.5	2	3.5
15-19	10	3.1	2	1.9	2	1.9	3	5.3	3	5.3
20-24	21	6.4	6	5.6	6	5.7	2	3.5	7	11.6
25-29	37	11.4	14	13.3	7	6.8	12	21.5	4	6.7
30-34	112	33.7	43	39.5	18	16.3	27	50.4	24	40.4
35-39	158	50.6	58	55.0	30	28.4	47	101.7	23	41.8
40-44	263	85.2	105	99.9	53	50.7	63	140.3	42	77.4
45-49	399	132.4	156	148.2	78	74.5	119	289.1	46	91.6
50-54	631	196.7	283	243.4	136	119.4	152	368.6	60	121.6
55-59	928	275.6	433	358.8	216	177.4	174	405.3	105	204.4
60-64	1,363	406.1	638	534.5	279	225.2	279	676.1	167	326.7
65-69	1,524	517.7	662	639.0	344	304.1	337	995.2	181	413.2
70-74	1,833	740.4	830	933.7	489	481.9	304	1,237.0	210	643.6
75-79	1,856	1,157.4	852	1,481.8	620	876.8	201	1,527.6	183	963.3
80-84	1,834	1,810.3	791	2,299.6	726	1,539.8	148	1,964.9	169	1,381.7
85+	4,145	4,864.9	1,410	5,781.8	2,092	4,812.6	202	3,911.7	441	3,620.1

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 41
ALABAMA MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES MALIGNANT NEOPLASM DEATH RATES
1970-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	162.8	4,943	143.3	3,633	143.3	1,310	143.4
1971	163.6	5,261	151.8	3,826	149.2	1,435	159.2
1972	166.0	5,437	156.1	4,044	156.1	1,393	155.8
1973	167.3	5,499	157.0	4,074	155.8	1,425	160.7
1974	170.5	5,755	163.5	4,293	162.6	1,462	166.2
1975	171.7	5,889	166.5	4,415	165.7	1,474	169.0
1976	175.8	6,046	170.1	4,452	165.5	1,594	184.3
1977	178.7	6,278	175.7	4,619	170.1	1,659	193.4
1978	181.9	6,507	173.9	4,740	169.5	1,767	186.9
1979	179.6	6,512	172.0	4,721	166.9	1,791	187.0
1980	183.9	7,024	180.0	5,197	180.6	1,827	178.6
1981	184.0	7,204	182.6	5,380	184.8	1,824	176.4
1982	187.2	7,343	183.8	5,489	186.1	1,854	177.2
1983	189.3	7,495	183.1	5,578	183.9	1,917	180.7
1984	191.8	7,845	189.8	5,828	190.2	2,017	188.9
1985	193.3	8,011	192.1	5,977	193.0	2,034	189.4
1986	194.7	8,206	200.1	6,177	204.4	2,029	188.0
1987	195.9	8,378	201.9	6,399	209.4	1,979	181.1
1988	197.3	8,502	202.6	6,365	206.0	2,137	193.2
1989	199.9	8,618	203.2	6,527	209.0	2,091	186.8
1990	201.7	8,697	215.2	6,485	217.9	2,212	207.7
1991	204.1	8,844	216.9	6,668	222.7	2,176	201.0
1992	204.1	9,005	221.2	6,761	225.3	2,244	209.8
1993	205.6	9,141	223.8	6,888	228.8	2,253	209.7
1994	205.2	9,442	230.3	7,138	236.4	2,304	213.4
1995	204.9	9,445	229.6	7,226	238.6	2,219	204.5
1996	203.4	9,524	230.7	7,286	239.9	2,238	205.2
1997	201.6	9,585	231.4	7,312	240.1	2,273	207.3
1998	200.3	9,687	233.1	7,422	243.1	2,265	205.5
1999	197.0	9,489	227.6	7,283	238.0	2,206	199.0
2000	196.5	9,772	219.7	7,549	238.7	2,223	173.1
2001	194.3	9,783	218.1	7,406	233.0	2,377	181.7
2002	193.7	9,685	214.0	7,427	232.5	2,258	169.5
2003	192.0	9,790	217.5	7,529	234.5	2,261	175.3
2004	189.2	9,745	215.1	7,509	232.1	2,236	172.6
2005	189.3	9,854	216.2	7,569	232.7	2,285	175.1
2006	187.6	9,759	212.2	7,539	230.1	2,220	167.9
2007	186.9	9,862	213.1	7,530	229.1	2,332	174.0
2008	186.0	10,152	217.8	7,791	235.3	2,361	174.8
2009	185.0	10,255	217.8	7,877	235.8	2,378	173.8
2010	186.2	10,156	212.5	7,842	239.4	2,314	153.8
2011	185.1	10,153	211.4	7,774	230.8	2,379	165.8
2012	185.6	10,264	212.9	7,865	233.1	2,399	165.7
2013	185.0	10,331	213.7	7,881	233.4	2,450	168.1
2014	185.6	10,285	212.1	7,848	232.4	2,437	165.6
2015	185.4	10,348	213.0	7,888	233.7	2,460	165.7
2016	185.1	10,419	214.2	7,991	236.9	2,428	162.9
2017	183.9	10,415	213.7	7,949	235.6	2,466	164.3
2018	183.2	10,630	217.5	8,173	241.8	2,457	162.9
2019	182.7	10,263	209.3	7,719	227.7	2,544	168.1
2020	182.8	10,458	212.5	8,017	236.1	2,441	160.0
2021	182.4	10,412	206.6	7,976	229.7	2,436	155.4

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 42
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	10,412	206.6	4,357	254.3	3,619	205.7	1,271	173.0	1,165	140.0
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	7	3.0	1	1.3	3	4.2	1	2.2	2	4.6
5-9	10	3.3	1	1.0	3	3.1	4	7.2	2	3.7
10-14	8	2.4	3	2.8	0	0.0	3	5.1	2	3.5
15-19	10	3.1	5	4.6	5	4.9	0	0.0	0	0.0
20-24	12	3.6	6	5.6	3	2.9	2	3.5	1	1.7
25-29	19	5.9	8	7.6	4	3.9	2	3.6	5	8.4
30-34	51	15.4	14	12.9	17	15.4	7	13.1	13	21.9
35-39	77	24.6	22	20.9	32	30.3	12	26.0	11	20.0
40-44	120	38.9	27	25.7	40	38.3	20	44.5	33	60.8
45-49	213	70.7	60	57.0	78	74.5	32	77.8	43	85.6
50-54	407	126.9	148	127.3	149	130.8	56	135.8	54	109.4
55-59	769	228.4	323	267.6	262	215.1	91	212.0	93	181.1
60-64	1,284	382.6	541	453.3	399	322.1	189	458.0	155	303.2
65-69	1,557	528.9	654	631.3	479	423.5	252	744.2	172	392.6
70-74	1,759	710.5	758	852.7	598	589.4	228	927.7	175	536.3
75-79	1,527	952.2	686	1,193.1	536	758.0	159	1,208.4	146	768.5
80-84	1,260	1,243.7	586	1,703.6	464	984.1	96	1,274.6	114	932.1
85+	1,322	1,551.6	514	2,107.7	547	1,258.4	117	2,265.7	144	1,182.1

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 43
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹ BY PRIMARY SITE AND SEX
ALABAMA, 2021

PRIMARY SITE	ICD-10 CODE	TOTAL		MALE		FEMALE	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	C00-C97	10,412	206.6	5,628	229.9	4,784	184.6
Lip, oral cavity and pharynx	C00-C14	208	4.1	144	5.9	64	2.5
Esophagus	C15	223	4.4	179	7.3	44	1.7
Stomach	C16	185	3.7	114	4.7	71	2.7
Colon, rectum and anus	C18-C21	921	18.3	504	20.6	417	16.1
Liver and intrahepatic bile ducts	C22	469	9.3	309	12.6	160	6.2
Pancreas	C25	760	15.1	382	15.6	378	14.6
Larynx	C32	78	1.5	63	2.6	15	0.6
Trachea, bronchus and lung	C33-C34	2,699	53.6	1,581	64.6	1,118	43.1
Skin	C43	138	2.7	91	3.7	47	1.8
Breast	C50	698	13.8	6	0.2	692	26.7
Cervix uteri	C53	114	2.3	... ²	... ²	114	4.4
Corpus uteri and uterus, part unspecified	C54-C55	148	2.9	... ²	... ²	148	5.7
Ovary	C56	214	4.2	... ²	... ²	214	8.3
Prostate	C61	532	10.6	532	21.7	... ²	... ²
Kidney and renal pelvis	C64-C65	237	4.7	151	6.2	86	3.3
Bladder	C67	253	5.0	180	7.4	73	2.8
Meninges, brain and other parts of central nervous system	C70-C72	308	6.1	165	6.7	143	5.5
Lymphoid, hematopoietic and related tissue		849	16.8	484	19.8	365	14.1
Hodgkin's disease	C81	14	0.3	9	0.4	5	0.2
Non-Hodgkin's lymphoma	C82-C85	276	5.5	173	7.1	103	4.0
Leukemia	C91-C95	345	6.8	191	7.8	154	5.9
Multiple myeloma and immunoproliferative neoplasms	C88 or C90	209	4.1	108	4.4	101	3.9
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	5	0.1	3	0.1	2	0.1
All other and unspecified malignant neoplasms	C00-C97 not listed above	1,378	27.3	743	30.4	635	24.5

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

² Category not applicable.

TABLE 44

**ALABAMA CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES CEREBROVASCULAR DISEASE DEATH RATES
1970-2021**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	101.9	4,618	133.9	3,001	118.4	1,617	177.0
1971	101.1	4,601	132.7	3,046	118.7	1,555	172.5
1972	102.5	4,713	135.3	3,116	120.3	1,597	178.6
1973	102.1	4,953	141.4	3,293	125.9	1,660	187.2
1974	98.1	4,571	129.9	3,059	115.9	1,512	171.9
1975	91.1	4,241	119.9	2,846	106.8	1,395	160.0
1976	87.9	4,291	120.7	2,839	105.5	1,452	167.9
1977	84.1	4,052	113.4	2,705	99.6	1,347	157.1
1978	80.5	3,835	102.5	2,626	93.9	1,209	127.9
1979	75.5	3,487	92.1	2,409	85.2	1,078	112.6
1980	75.1	3,465	88.8	2,348	81.6	1,117	109.2
1981	71.3	3,462	87.7	2,347	80.6	1,115	107.8
1982	68.1	3,365	84.2	2,292	77.7	1,073	102.6
1983	66.6	3,152	77.0	2,137	70.5	1,015	95.7
1984	65.4	3,241	78.4	2,225	72.6	1,016	95.2
1985	64.3	3,304	79.2	2,283	73.7	1,021	95.1
1986	62.3	3,022	73.7	2,140	70.8	882	81.7
1987	61.8	3,000	72.3	2,065	67.6	935	85.5
1988	61.6	2,939	70.0	2,011	65.1	928	83.9
1989	59.0	2,905	68.5	2,014	64.5	891	79.6
1990	57.9	2,931	72.5	1,992	66.9	939	88.2
1991	56.9	2,829	69.4	1,996	66.7	833	77.0
1992	56.4	2,750	67.6	1,966	65.5	784	73.3
1993	58.2	2,833	69.4	2,034	67.6	799	74.4
1994	58.9	2,636	64.3	1,905	63.1	731	67.7
1995	60.1	2,793	67.9	2,007	66.3	786	72.4
1996	60.3	2,890	70.0	2,066	68.0	824	75.6
1997	59.7	2,922	70.6	2,150	70.6	772	70.4
1998	58.5	2,936	70.7	2,137	70.0	799	72.5
1999	60.0	3,137	75.3	2,341	76.5	796	71.8
2000	59.6	3,177	71.4	2,343	74.1	834	64.9
2001	57.4	2,983	66.5	2,214	69.7	769	58.8
2002	56.6	3,203	70.8	2,339	73.2	864	64.9
2003	54.4	3,020	67.1	2,225	69.3	795	61.6
2004	51.3	2,974	65.6	2,156	66.7	818	63.1
2005	48.6	2,940	64.5	2,131	65.5	809	62.0
2006	46.0	2,685	58.4	1,914	58.4	771	58.3
2007	45.1	2,693	58.2	1,951	59.3	742	55.4
2008	44.1	2,814	60.4	2,052	62.0	762	56.4
2009	42.0	2,647	56.2	1,943	58.2	704	51.4
2010	41.9	2,601	54.4	1,907	58.2	694	46.1
2011	41.4	2,538	52.8	1,868	55.5	670	46.7
2012	40.9	2,620	54.3	1,971	58.4	649	44.8
2013	40.8	2,589	53.6	1,927	57.1	662	45.4
2014	41.7	2,650	54.6	1,958	58.0	692	47.0
2015	43.7	2,937	60.4	2,173	64.4	764	51.5
2016	44.0	2,962	60.9	2,185	64.8	777	52.1
2017	44.9	2,932	60.1	2,176	64.5	756	50.4
2018	45.2	3,088	63.2	2,215	65.5	873	57.9
2019	45.7	3,139	64.0	2,276	67.2	863	57.0
2020	48.6	3,390	68.9	2,428	71.5	962	63.1
2021	49.1	3,359	66.6	2,439	70.2	920	58.7

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 45
CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	3,359	66.6	1,115	65.1	1,324	75.2	426	58.0	494	59.4
Under 1	3	5.1	0	0.0	1	5.7	0	0.0	2	18.5
1-4	2	0.9	0	0.0	0	0.0	1	2.2	1	2.3
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	2	0.6	0	0.0	0	0.0	0	0.0	2	3.3
25-29	6	1.8	3	2.8	0	0.0	2	3.6	1	1.7
30-34	8	2.4	1	0.9	1	0.9	3	5.6	3	5.1
35-39	18	5.8	8	7.6	3	2.8	5	10.8	2	3.6
40-44	50	16.2	8	7.6	10	9.6	24	53.5	8	14.7
45-49	64	21.2	20	19.0	13	12.4	23	55.9	8	15.9
50-54	95	29.6	42	36.1	21	18.4	15	36.4	17	34.4
55-59	146	43.4	64	53.0	32	26.3	24	55.9	26	50.6
60-64	236	70.3	83	69.5	62	50.0	50	121.2	41	80.2
65-69	302	102.6	107	103.3	84	74.3	73	215.6	38	86.7
70-74	424	171.3	160	180.0	128	126.2	71	288.9	65	199.2
75-79	474	295.6	176	306.1	191	270.1	48	364.8	59	310.6
80-84	533	526.1	183	532.0	248	526.0	38	504.5	64	523.3
85+	996	1,169.0	260	1,066.1	530	1,219.3	49	948.9	157	1,288.8

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 46
ALABAMA CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES CHRONIC LOWER RESPIRATORY DISEASE DEATH RATES
1980-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1980	24.7	881	22.6	752	26.1	129	12.6
1981	25.7	1,022	25.8	880	30.2	142	13.7
1982	25.8	1,012	25.4	879	29.8	133	12.7
1983	28.3	1,063	26.0	951	31.4	112	10.6
1984	29.2	1,234	29.9	1,076	35.1	158	14.8
1985	31.3	1,340	32.1	1,160	37.5	180	16.8
1986	31.8	1,361	33.2	1,175	38.9	186	17.2
1987	32.2	1,281	30.9	1,109	36.3	172	15.7
1988	33.7	1,454	34.7	1,257	40.7	197	17.8
1989	34.0	1,417	33.4	1,227	39.3	190	17.0
1990	34.9	1,504	37.2	1,297	43.6	207	19.4
1991	35.9	1,620	39.7	1,413	47.2	207	19.1
1992	36.0	1,461	35.9	1,275	42.5	186	17.4
1993	39.2	1,675	41.0	1,432	47.6	243	22.6
1994	39.0	1,806	44.1	1,562	51.7	244	22.6
1995	39.2	1,663	40.4	1,451	47.9	212	19.5
1996	40.0	1,724	41.8	1,491	49.1	233	21.4
1997	40.7	1,858	44.9	1,604	52.7	254	23.2
1998	41.7	1,994	48.0	1,755	57.5	239	21.7
1999	44.5	2,174	52.2	1,944	63.5	230	20.8
2000	43.4	2,043	45.9	1,818	57.5	225	17.5
2001	43.2	2,196	48.9	1,964	61.8	232	17.7
2002	43.4	2,328	51.4	2,061	64.5	267	20.0
2003	43.6	2,426	53.9	2,159	67.2	267	20.7
2004	41.7	2,359	52.1	2,087	64.5	272	21.0
2005	44.3	2,371	52.0	2,108	64.8	263	20.2
2006	41.8	2,277	49.5	2,038	62.2	239	18.1
2007	42.5	2,510	54.2	2,247	68.4	263	19.6
2008	46.4	2,723	58.4	2,422	73.1	301	22.3
2009	44.8	2,761	58.6	2,480	74.2	281	20.5
2010	44.7	2,845	59.5	2,547	77.8	298	19.8
2011	45.9	2,892	60.2	2,576	76.5	316	22.0
2012	45.7	3,006	62.3	2,714	80.4	292	20.2
2013	47.2	3,040	62.9	2,714	80.4	326	22.4
2014	46.1	3,046	62.8	2,728	80.8	318	21.6
2015	48.2	3,275	67.4	2,937	87.0	338	22.8
2016	47.8	3,325	68.4	2,962	87.8	363	24.3
2017	49.2	3,484	71.5	3,087	91.5	397	26.5
2018	48.7	3,595	73.5	3,171	93.8	424	28.1
2019	47.8	3,530	72.0	3,110	91.8	420	27.7
2020	46.3	3,430	69.7	2,985	87.9	445	29.2
2021	42.9	3,278	65.0	2,862	82.4	416	26.5

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 47
CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	3,278	65.0	1,330	77.6	1,532	87.1	223	30.3	193	23.2
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	1	0.4	0	0.0	0	0.0	0	0.0	1	2.3
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	2	0.6	0	0.0	0	0.0	1	1.7	1	1.8
15-19	1	0.3	0	0.0	0	0.0	0	0.0	1	1.8
20-24	1	0.3	1	0.9	0	0.0	0	0.0	0	0.0
25-29	3	0.9	0	0.0	0	0.0	2	3.6	1	1.7
30-34	6	1.8	1	0.9	2	1.8	2	3.7	1	1.7
35-39	9	2.9	4	3.8	1	0.9	2	4.3	2	3.6
40-44	15	4.9	5	4.8	9	8.6	1	2.2	0	0.0
45-49	26	8.6	9	8.5	14	13.4	2	4.9	1	2.0
50-54	60	18.7	22	18.9	33	29.0	2	4.8	3	6.1
55-59	183	54.3	73	60.5	82	67.3	10	23.3	18	35.0
60-64	299	89.1	136	113.9	122	98.5	19	46.0	22	43.0
65-69	416	141.3	182	175.7	166	146.8	36	106.3	32	73.0
70-74	528	213.3	213	239.6	242	238.5	52	211.6	21	64.4
75-79	565	352.3	240	417.4	270	381.8	31	235.6	24	126.3
80-84	514	507.4	204	593.1	243	515.4	38	504.5	29	237.1
85+	649	761.7	240	984.1	348	800.6	25	484.1	36	295.5

¹Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 48
ALABAMA ACCIDENTAL DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES ACCIDENTAL DEATH RATES
1970-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	56.4	2,457	71.2	1,702	67.1	755	82.6
1971	55.0	2,603	74.9	1,817	71.0	786	86.0
1972	55.4	2,528	72.0	1,800	69.5	728	79.3
1973	55.2	2,577	72.7	1,817	69.3	760	82.4
1974	49.5	2,347	65.6	1,677	63.2	670	72.3
1975	48.4	2,204	61.0	1,562	58.2	642	69.0
1976	46.9	2,305	63.1	1,617	59.5	688	73.5
1977	47.7	2,459	66.6	1,746	63.5	713	75.9
1978	48.4	2,480	66.3	1,793	64.1	687	72.7
1979	46.9	2,161	57.1	1,551	54.8	610	63.7
1980	46.7	2,295	58.8	1,596	55.5	699	68.3
1981	43.9	2,160	54.7	1,551	53.3	609	58.9
1982	40.6	1,907	47.7	1,439	48.8	468	44.7
1983	39.5	2,037	49.8	1,473	48.6	564	53.2
1984	39.3	1,958	47.4	1,461	47.7	497	46.6
1985	39.1	1,985	47.6	1,400	45.2	585	54.5
1986	39.5	2,204	53.7	1,623	53.7	581	53.8
1987	39.0	2,169	52.3	1,564	51.2	605	55.4
1988	39.5	2,165	51.6	1,537	49.7	628	56.8
1989	38.3	2,186	52.1	1,581	51.2	605	54.7
1990	37.0	2,299	56.9	1,697	57.0	602	56.5
1991	35.4	2,201	54.0	1,605	53.6	596	55.1
1992	34.0	2,049	50.3	1,508	50.3	541	50.6
1993	35.1	2,143	52.5	1,546	51.4	597	55.6
1994	35.1	2,148	52.4	1,565	51.8	583	54.0
1995	35.5	2,232	54.3	1,620	53.5	612	56.4
1996	35.8	2,237	54.2	1,675	55.2	562	51.5
1997	35.7	2,313	55.9	1,749	57.4	564	51.4
1998	34.5	2,209	53.2	1,680	55.0	529	48.0
1999	35.1	2,284	54.8	1,667	54.5	617	55.7
2000	34.8	2,097	47.2	1,567	49.5	530	41.3
2001	35.6	2,187	48.7	1,648	51.9	539	41.2
2002	37.1	2,212	48.9	1,732	54.2	480	36.0
2003	37.7	2,183	48.5	1,658	51.6	525	40.7
2004	38.3	2,381	52.6	1,811	56.0	570	44.0
2005	39.9	2,368	52.0	1,796	55.2	572	43.8
2006	40.8	2,451	53.3	1,925	58.8	526	39.8
2007	41.1	2,476	53.5	1,971	60.0	505	37.7
2008	40.1	2,497	53.6	2,004	60.5	493	36.5
2009	38.5	2,342	49.7	1,903	57.0	439	32.1
2010	39.1	2,369	49.6	1,891	57.7	478	31.8
2011	40.6	2,596	54.1	2,064	61.3	532	37.1
2012	40.7	2,255	46.8	1,800	53.4	455	31.4
2013	41.3	2,302	47.6	1,819	53.9	483	33.1
2014	42.6	2,421	49.9	1,930	57.1	491	33.4
2015	45.6	2,529	52.0	1,987	58.9	542	36.5
2016	49.9	2,747	56.5	2,119	62.8	628	42.1
2017	52.2	2,700	55.4	2,109	62.5	591	39.4
2018	51.1	2,682	54.9	2,026	59.9	656	43.5
2019	52.7	2,757	56.2	2,112	62.3	645	42.6
2020	60.0	3,005	61.1	2,212	65.1	793	52.0
2021	67.8	3,443	68.3	2,508	72.2	935	59.7

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 49
ACCIDENTAL DEATHS AND DEATH RATES¹ BY AGE GROUP AND RACE
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	3,443	68.3	2,508	72.2	935	59.7
Under 1	16	27.4	8	22.0	8	36.3
1-4	35	15.0	20	13.8	15	17.0
5-9	21	6.8	10	5.1	11	10.0
10-14	19	5.8	9	4.3	10	8.7
15-19	107	33.1	72	34.2	35	31.0
20-24	189	57.4	127	59.9	62	52.9
25-29	264	81.4	182	87.0	82	71.2
30-34	302	91.0	198	90.4	104	92.0
35-39	340	108.8	260	123.1	80	79.0
40-44	332	107.5	243	115.9	89	89.8
45-49	251	83.3	194	92.4	57	62.4
50-54	250	77.9	181	78.6	69	76.2
55-59	248	73.6	172	70.9	76	80.6
60-64	218	65.0	158	65.0	60	64.9
65-69	167	56.7	113	52.1	54	69.5
70-74	148	59.8	109	57.3	39	68.2
75-79	145	90.4	119	92.8	26	80.9
80-84	144	142.1	120	147.2	24	121.4
85+	247	289.9	213	313.9	34	196.0

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 50
ACCIDENTAL DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	3,443	68.3	1,631	95.2	877	49.8	642	87.4	293	35.2
Under 1	16	27.4	6	32.2	2	11.3	5	44.6	3	27.7
1-4	35	15.0	10	13.4	10	14.2	8	17.8	7	16.2
5-9	21	6.8	8	7.9	2	2.1	6	10.8	5	9.2
10-14	19	5.8	8	7.4	1	1.0	8	13.6	2	3.5
15-19	107	33.1	54	50.1	18	17.5	26	46.1	9	15.9
20-24	189	57.4	86	80.1	41	39.2	40	70.4	22	36.4
25-29	264	81.4	132	125.0	50	48.2	53	94.8	29	48.9
30-34	302	91.0	132	121.4	66	59.9	72	134.3	32	53.9
35-39	340	108.8	176	166.9	84	79.4	53	114.6	27	49.1
40-44	332	107.5	162	154.1	81	77.5	69	153.7	20	36.9
45-49	251	83.3	129	122.5	65	62.1	39	94.8	18	35.8
50-54	250	77.9	121	104.1	60	52.7	53	128.5	16	32.4
55-59	248	73.6	120	99.4	52	42.7	52	121.1	24	46.7
60-64	218	65.0	118	98.9	40	32.3	45	109.0	15	29.3
65-69	167	56.7	73	70.5	40	35.4	39	115.2	15	34.2
70-74	148	59.8	56	63.0	53	52.2	24	97.7	15	46.0
75-79	145	90.4	71	123.5	48	67.9	16	121.6	10	52.6
80-84	144	142.1	69	200.6	51	108.2	18	239.0	6	49.1
85+	247	289.9	100	410.1	113	260.0	16	309.8	18	147.8

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 51
ACCIDENTAL DEATHS BY TYPE OF ACCIDENT AND AGE GROUP
ALABAMA, 2021

TYPE OF ACCIDENT (ICD-10 CODE)	TOTAL	AGE GROUP										
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
TOTAL	3,443	16	35	40	296	566	672	501	466	315	289	247
Occupant of railway train (V81.0-V81.8)	1	0	0	0	0	0	0	0	1	0	0	0
Motor vehicle ¹	1,046	4	13	26	171	196	174	139	141	94	53	35
Drowning (W65-W74)	76	1	8	3	5	11	12	6	16	7	5	2
Air and space transport (V95-V97)	3	0	0	0	0	0	0	0	0	1	2	0
Poisoning (X40-X49)	1,372	1	1	2	95	318	439	281	183	38	11	3
Falls (W00-W19)	311	0	0	0	2	7	12	19	34	59	89	89
Smoke, fire and flames (X00-X09)	107	1	4	3	1	6	6	10	21	29	17	9
Contact with venomous life forms (X20-X29)	2	0	0	0	0	0	0	0	1	0	0	1
Excessive natural heat (X30)	4	0	1	0	0	0	0	1	1	1	0	0
Excessive natural cold (X31)	10	0	0	0	0	0	0	0	5	2	2	1
Lightning (X33)	1	0	0	0	1	0	0	0	0	0	0	0
Cataclysmic storms and floods (X37-X38)	10	0	2	1	2	0	1	0	0	4	0	0
Suffocation (W75-W84)	105	8	4	0	4	3	2	12	8	19	29	16
Struck by falling objects, etc. (W20)	18	0	1	0	1	2	3	1	6	1	1	2
Firearms (W32-W34)	19	0	1	4	2	2	2	2	2	2	2	0
Electrocution (W85-W87)	9	0	0	0	2	0	3	0	1	3	0	0
All other accidents and late effects	349	1	0	1	10	21	18	30	46	55	78	89

¹ See Appendix C for list of ICD-10 codes.

TABLE 52
ALABAMA DIABETES DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES DIABETES DEATH RATES
1980-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1980	17.0	664	17.0	377	13.1	227	22.2
1981	15.1	632	16.0	397	13.6	235	22.7
1982	14.9	637	15.9	419	14.2	218	20.8
1983	15.5	603	14.7	369	12.2	234	22.1
1984	15.1	661	16.0	387	12.6	274	25.7
1985	15.5	720	17.3	421	13.6	299	27.8
1986	15.4	712	17.4	410	13.6	302	28.0
1987	15.8	670	16.1	402	13.2	268	24.5
1988	16.4	777	18.5	459	14.9	318	28.7
1989	18.9	724	17.1	442	14.2	282	25.2
1990	19.2	850	21.0	507	17.0	343	32.2
1991	19.4	891	21.9	547	18.3	344	31.8
1992	19.6	850	20.9	505	16.8	345	32.3
1993	20.9	856	21.0	515	17.1	341	31.7
1994	21.8	1,071	26.1	645	21.4	426	39.5
1995	22.6	1,151	28.0	707	23.3	444	40.9
1996	23.3	1,127	27.3	695	22.9	432	39.6
1997	23.4	1,173	28.3	699	23.0	474	43.2
1998	24.0	1,303	31.4	778	25.5	525	47.6
1999	24.5	1,337	32.1	826	27.0	511	46.1
2000	24.6	1,315	29.6	832	26.3	483	37.6
2001	25.0	1,339	29.8	820	25.8	519	39.7
2002	25.5	1,485	32.8	901	28.2	584	43.8
2003	25.6	1,411	31.4	892	27.8	519	40.2
2004	25.0	1,442	31.8	856	26.5	586	45.2
2005	25.4	1,420	31.2	885	27.2	535	41.0
2006	24.3	1,430	31.1	888	27.1	542	41.0
2007	23.7	1,288	27.8	801	24.4	487	36.3
2008	23.2	1,380	29.6	841	25.4	539	39.9
2009	22.4	1,271	27.0	760	22.8	511	37.3
2010	22.4	1,314	27.5	818	25.0	496	33.0
2011	23.7	1,255	26.1	787	23.4	468	32.6
2012	23.6	1,295	26.9	807	23.9	488	33.7
2013	23.9	1,346	27.8	870	25.8	476	32.7
2014	24.0	1,277	26.3	786	23.3	491	33.4
2015	24.7	1,253	25.8	755	22.4	498	33.5
2016	24.8	1,181	24.3	739	21.9	442	29.6
2017	25.7	1,172	24.0	707	21.0	465	31.0
2018	26.0	1,176	24.1	741	21.9	435	28.8
2019	26.7	1,223	24.9	755	22.3	468	31.0
2020	31.0	1,450	29.5	883	26.0	567	37.2
2021	31.1	1,654	32.8	1,049	30.2	605	38.6

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 53
DIABETES DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	1,654	32.8	654	38.2	395	22.4	318	43.3	287	34.5
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	1	0.3	0	0.0	0	0.0	1	1.7	0	0.0
15-19	5	1.5	0	0.0	1	1.0	3	5.3	1	1.8
20-24	2	0.6	0	0.0	1	1.0	1	1.8	0	0.0
25-29	8	2.5	3	2.8	1	1.0	4	7.2	0	0.0
30-34	18	5.4	6	5.5	2	1.8	6	11.2	4	6.7
35-39	19	6.1	7	6.6	1	0.9	8	17.3	3	5.5
40-44	55	17.8	17	16.2	12	11.5	16	35.6	10	18.4
45-49	56	18.6	15	14.2	12	11.5	13	31.6	16	31.8
50-54	94	29.3	47	40.4	16	14.0	13	31.5	18	36.5
55-59	130	38.6	62	51.4	24	19.7	24	55.9	20	38.9
60-64	203	60.5	85	71.2	44	35.5	39	94.5	35	68.5
65-69	222	75.4	94	90.7	43	38.0	53	156.5	32	73.0
70-74	253	102.2	99	111.4	56	55.2	59	240.1	39	119.5
75-79	215	134.1	83	144.4	60	84.9	39	296.4	33	173.7
80-84	174	171.8	67	194.8	48	101.8	24	318.6	35	286.2
85+	199	233.6	69	282.9	74	170.2	15	290.5	41	336.6

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 54
ALABAMA ALZHEIMER'S DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES ALZHEIMER'S DEATH RATES
1980-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1980	0.4	14	0.4	12	0.4	2	0.2
1981	15.1	32	0.8	30	1.0	2	0.2
1982	1.1	46	1.2	42	1.4	4	0.4
1983	1.9	58	1.4	56	1.8	2	0.2
1984	2.7	114	2.8	100	3.3	14	1.3
1985	3.5	136	3.3	124	4.0	12	1.1
1986	3.9	172	4.2	159	5.3	13	1.2
1987	4.7	181	4.4	158	5.2	23	2.1
1988	5.0	224	5.3	198	6.4	26	2.4
1989	5.3	237	5.6	214	6.9	23	2.1
1990	5.5	275	6.8	244	8.2	31	2.9
1991	5.6	250	6.1	221	7.4	29	2.7
1992	5.7	278	6.8	233	7.8	45	4.2
1993	6.5	323	7.9	278	9.2	45	4.2
1994	7.1	342	8.3	299	9.9	43	4.0
1995	7.8	426	10.4	357	11.8	69	6.4
1996	8.1	441	10.7	382	12.6	59	5.4
1997	8.4	459	11.1	407	13.4	52	4.7
1998	8.4	450	10.8	394	12.9	56	5.1
1999	16.0	772	18.5	668	21.8	104	9.4
2000	17.6	891	20.0	753	23.8	138	10.7
2001	18.9	1,100	24.5	938	29.5	162	12.4
2002	20.5	1,189	26.3	1,031	32.3	158	11.9
2003	21.9	1,266	28.1	1,063	33.1	203	15.7
2004	22.5	1,385	30.6	1,160	35.9	225	17.4
2005	24.2	1,494	32.8	1,276	39.2	218	16.7
2006	24.3	1,487	32.3	1,278	39.0	209	15.8
2007	24.8	1,506	32.5	1,266	38.5	240	17.9
2008	27.1	1,516	32.5	1,286	38.8	230	17.0
2009	25.8	1,510	32.1	1,274	38.1	236	17.2
2010	27.0	1,518	31.8	1,302	39.8	216	14.4
2011	27.3	1,470	30.6	1,241	36.8	229	16.0
2012	26.6	1,386	28.7	1,187	35.2	199	13.7
2013	26.8	1,399	28.9	1,189	35.2	210	14.5
2014	29.3	1,881	38.8	1,565	46.3	316	21.5
2015	34.4	2,281	46.9	1,878	55.7	403	27.1
2016	35.9	2,506	51.5	2,123	62.9	383	25.7
2017	37.3	2,562	52.6	2,136	63.3	426	28.4
2018	37.3	2,616	53.5	2,187	64.7	429	28.4
2019	37.0	2,659	54.2	2,235	65.9	424	28.0
2020	40.7	3,094	62.9	2,574	75.8	520	34.1
2021	36.0	2,724	54.0	2,255	64.9	469	29.9

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 55
ALZHEIMER'S DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	2,724	54.0	648	37.8	1,607	91.3	136	18.5	333	40.0
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25-29	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
30-34	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
35-39	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
40-44	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
45-49	1	0.3	0	0.0	1	1.0	0	0.0	0	0.0
50-54	3	0.9	1	0.9	1	0.9	1	2.4	0	0.0
55-59	12	3.6	2	1.7	9	7.4	1	2.3	0	0.0
60-64	37	11.0	6	5.0	20	16.1	4	9.7	7	13.7
65-69	70	23.8	19	18.3	33	29.2	8	23.6	10	22.8
70-74	188	75.9	54	60.7	95	93.6	15	61.0	24	73.5
75-79	377	235.1	122	212.2	193	272.9	27	205.2	35	184.2
80-84	557	549.8	138	401.2	334	708.4	32	424.9	53	433.3
85+	1,479	1,735.9	306	1,254.8	921	2,118.8	48	929.5	204	1,674.6

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 56
ALABAMA SUICIDE DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES SUICIDE DEATH RATES
1970-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	9.1	313	9.1	285	11.2	28	3.1
1971	15.1	360	10.4	333	13.0	27	3.0
1972	12.0	378	10.8	340	13.1	38	4.3
1973	12.0	352	10.1	317	12.1	35	3.9
1974	12.1	380	10.8	331	12.5	49	5.6
1975	12.7	394	11.1	353	13.2	41	4.7
1976	12.5	407	11.4	361	13.4	46	5.3
1977	13.3	405	11.3	369	13.6	36	4.2
1978	12.5	399	10.7	347	12.4	52	5.5
1979	12.1	417	11.0	368	13.0	49	5.1
1980	11.9	444	11.4	405	14.1	39	3.8
1981	12.0	398	10.1	353	12.1	45	4.4
1982	12.2	427	10.7	375	12.7	52	5.0
1983	12.1	428	10.5	385	12.7	43	4.1
1984	12.4	465	11.3	417	13.6	48	4.5
1985	12.3	442	10.6	399	12.9	43	4.0
1986	12.8	512	12.5	464	15.4	48	4.4
1987	12.7	450	10.8	401	13.1	49	4.5
1988	12.4	497	11.8	435	14.1	62	5.6
1989	12.2	516	12.2	451	14.4	65	5.8
1990	12.4	527	13.0	462	15.5	65	6.1
1991	12.2	573	14.1	498	16.6	75	6.9
1992	12.0	525	12.9	437	14.6	88	8.2
1993	12.1	575	14.1	490	16.3	85	7.9
1994	12.0	584	14.2	502	16.6	82	7.6
1995	11.9	564	13.7	479	15.8	85	7.8
1996	11.6	549	13.3	482	15.9	67	6.1
1997	11.4	531	12.8	456	15.0	75	6.8
1998	11.3	567	13.6	499	16.3	68	6.2
1999	10.5	560	13.4	498	16.3	62	5.6
2000	10.4	579	13.0	513	16.2	66	5.1
2001	10.7	508	11.3	450	14.2	58	4.4
2002	11.0	515	11.4	450	14.1	65	4.9
2003	10.9	525	11.7	472	14.7	53	4.1
2004	11.1	535	11.8	453	14.0	82	6.3
2005	11.0	526	11.5	460	14.1	66	5.1
2006	11.2	573	12.5	509	15.5	64	4.8
2007	11.5	586	12.7	530	16.1	56	4.2
2008	11.8	603	12.9	533	16.1	70	5.2
2009	12.0	667	14.2	602	18.0	65	4.7
2010	12.4	676	14.1	617	18.8	59	3.9
2011	12.7	640	13.3	567	16.8	73	5.1
2012	12.9	721	15.0	633	18.8	88	6.1
2013	13.0	719	14.9	649	19.2	70	4.8
2014	13.4	711	14.7	638	18.9	73	5.0
2015	13.7	748	15.4	672	19.9	76	5.1
2016	13.9	785	16.2	711	21.1	74	5.0
2017	14.5	834	17.1	750	22.2	84	5.6
2018	14.8	823	16.8	721	21.3	102	6.8
2019	14.5	804	16.4	711	21.0	93	6.1
2020	14.0	793	16.1	697	20.5	96	6.3
2021	14.5	821	16.3	687	19.8	134	8.6

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 57
SUICIDE DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	821	16.3	563	32.9	124	7.0	111	15.1	23	2.8
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	16	4.9	11	10.2	2	1.9	3	5.1	0	0.0
15-19	35	10.8	25	23.2	1	1.0	9	15.9	0	0.0
20-24	56	17.0	28	26.1	6	5.7	18	31.7	4	6.6
25-29	82	25.3	54	51.1	7	6.8	17	30.4	4	6.7
30-34	79	23.8	47	43.2	7	6.4	21	39.2	4	6.7
35-39	59	18.9	44	41.7	8	7.6	6	13.0	1	1.8
40-44	55	17.8	37	35.2	10	9.6	7	15.6	1	1.8
45-49	65	21.6	40	38.0	13	12.4	8	19.4	4	8.0
50-54	71	22.1	48	41.3	15	13.2	7	17.0	1	2.0
55-59	70	20.8	54	44.7	10	8.2	4	9.3	2	3.9
60-64	74	22.0	58	48.6	14	11.3	2	4.8	0	0.0
65-69	45	15.3	29	28.0	13	11.5	3	8.9	0	0.0
70-74	44	17.8	34	38.2	6	5.9	2	8.1	2	6.1
75-79	32	20.0	22	38.3	6	8.5	4	30.4	0	0.0
80-84	16	15.8	10	29.1	6	12.7	0	0.0	0	0.0
85+	22	25.8	22	90.2	0	0.0	0	0.0	0	0.0

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 58
ALABAMA HOMICIDE DEATHS AND DEATH RATES¹ BY RACE
AND UNITED STATES HOMICIDE DEATH RATES
1970-2021

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	8.3	473	13.7	168	6.6	305	33.4
1971	9.1	526	15.2	188	7.3	338	37.5
1972	9.4	536	15.4	193	7.5	343	38.4
1973	9.8	540	15.4	213	8.1	327	36.9
1974	10.2	593	16.8	214	8.1	379	43.1
1975	10.0	613	17.3	243	9.1	370	42.4
1976	9.1	550	15.5	191	7.1	359	41.5
1977	9.2	546	15.3	203	7.5	343	40.0
1978	9.4	516	13.8	210	7.5	306	32.4
1979	10.0	531	14.0	181	6.4	350	36.5
1980	10.7	614	15.7	260	9.0	354	34.6
1981	10.3	554	14.0	217	7.5	337	32.6
1982	9.6	517	12.9	188	6.4	329	31.4
1983	8.6	423	10.3	165	5.4	258	24.3
1984	8.4	424	10.3	160	5.2	264	24.7
1985	8.3	468	11.2	180	5.8	288	26.8
1986	9.0	465	11.3	186	6.2	279	25.8
1987	8.7	471	11.4	201	6.6	270	24.7
1988	9.0	473	11.3	167	5.4	306	27.7
1989	9.2	512	12.1	195	6.2	317	28.3
1990	10.0	562	13.9	207	7.0	355	33.3
1991	10.5	608	14.9	191	6.4	417	38.5
1992	10.0	570	14.0	191	6.4	379	35.4
1993	10.1	599	14.7	217	7.2	382	35.6
1994	9.6	607	14.8	221	7.3	386	35.8
1995	8.2	588	14.3	207	6.8	381	35.1
1996	7.9	561	13.6	191	6.3	370	33.9
1997	7.4	535	12.9	182	6.0	353	32.2
1998	6.8	463	11.1	186	6.1	277	25.1
1999	6.1	438	10.5	180	5.9	258	23.3
2000	6.0	441	9.9	159	5.0	282	22.0
2001	7.1	424	9.5	185	5.8	239	18.3
2002	6.1	416	9.2	153	4.8	263	19.7
2003	6.1	436	9.7	161	5.0	275	21.3
2004	5.9	369	8.1	159	4.9	210	16.2
2005	6.1	428	9.4	138	4.2	290	22.2
2006	6.2	435	9.5	141	4.3	294	22.2
2007	6.1	477	10.3	176	5.4	301	22.5
2008	5.9	450	9.7	164	5.0	286	21.2
2009	5.5	411	8.7	172	5.1	239	17.5
2010	5.3	391	8.2	138	4.2	253	16.8
2011	5.1	379	7.9	130	3.9	249	17.4
2012	5.3	403	8.4	127	3.8	276	19.1
2013	5.1	420	8.7	134	4.0	286	19.6
2014	5.0	375	7.7	126	3.7	249	16.9
2015	5.5	472	9.7	158	4.7	314	21.2
2016	6.0	543	11.2	184	5.5	359	24.1
2017	6.0	601	12.3	168	5.0	433	28.9
2018	5.8	567	11.6	185	5.5	382	25.3
2019	5.8	587	12.0	180	5.0	407	26.9
2020	7.5	653	13.3	168	4.9	485	31.8
2021	7.8	744	14.8	178	5.1	566	36.1

¹ Rate is per 100,000 population in specified group. See formula in Appendix B.

TABLE 59
HOMICIDE DEATHS AND DEATH RATES¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	744	14.8	136	7.9	42	2.4	490	66.7	76	9.1
Under 1	10	17.1	1	5.4	2	11.3	4	35.7	3	27.7
1-4	13	5.6	1	1.3	0	0.0	8	17.8	4	9.2
5-9	2	0.7	0	0.0	0	0.0	1	1.8	1	1.8
10-14	5	1.5	2	1.8	0	0.0	3	5.1	0	0.0
15-19	79	24.4	5	4.6	3	2.9	66	116.9	5	8.9
20-24	128	38.9	10	9.3	2	1.9	104	182.9	12	19.9
25-29	119	36.7	13	12.3	5	4.8	84	150.3	17	28.7
30-34	97	29.2	22	20.2	5	4.5	56	104.4	14	23.6
35-39	75	24.0	19	18.0	4	3.8	49	106.0	3	5.5
40-44	62	20.1	14	13.3	4	3.8	38	84.6	6	11.1
45-49	47	15.6	11	10.4	4	3.8	28	68.0	4	8.0
50-54	30	9.4	12	10.3	4	3.5	11	26.7	3	6.1
55-59	26	7.7	10	8.3	3	2.5	12	28.0	1	1.9
60-64	22	6.6	8	6.7	2	1.6	12	29.1	0	0.0
65-69	8	2.7	4	3.9	1	0.9	2	5.9	1	2.3
70-74	9	3.6	3	3.4	0	0.0	6	24.4	0	0.0
75-79	6	3.7	0	0.0	0	0.0	4	30.4	2	10.5
80-84	2	2.0	1	2.9	0	0.0	1	13.3	0	0.0
85+	4	4.7	0	0.0	3	6.9	1	19.4	0	0.0

¹ Rate is per 100,000 population in specified group. Use caution with rates derived from small numbers. See formula in Appendix B.

TABLE 60
INFANT DEATHS AND INFANT MORTALITY RATES¹ BY RACE²
ALABAMA AND UNITED STATES³, 1970-2021

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1970	1,628	24.1	20.0	838	18.4	17.8	790	35.8	30.9
1971	1,566	23.5	19.1	797	18.0	17.1	769	34.1	28.5
1972	1,385	22.4	18.5	691	17.2	16.4	694	32.1	27.7
1973	1,313	22.1	17.7	679	17.5	15.8	634	30.7	26.2
1974	1,231	20.7	16.7	648	16.8	14.8	583	28.2	24.9
1975	1,130	19.5	16.1	553	14.7	14.2	577	28.3	24.2
1976	1,156	20.0	15.2	569	15.2	13.3	587	28.7	23.5
1977	1,053	17.0	14.1	538	13.4	12.3	515	23.8	21.7
1978	970	16.1	13.8	466	12.1	12.0	504	23.5	21.1
1979	891	14.3	13.1	448	11.3	11.4	443	19.5	19.8
1980	960	15.1	12.6	472	11.6	11.0	488	21.4	19.1
1981	796	12.9	11.9	404	10.2	10.5	392	18.0	17.8
1982	831	13.8	11.5	400	10.3	10.1	431	20.1	17.3
1983	774	13.1	11.2	397	10.3	9.7	377	18.3	16.8
1984	764	12.9	10.8	368	9.6	9.4	396	19.0	16.1
1985	752	12.6	10.6	405	10.4	9.3	347	16.8	15.8
1986	788	13.3	10.4	374	9.7	8.9	414	19.9	15.7
1987	726	12.2	10.1	338	8.5	8.6	388	18.7	15.4
1988	735	12.1	10.0	365	9.3	8.5	370	17.2	15.0
1989	756	12.1	9.8	375	9.4	8.2	381	17.0	15.2
1990	689	10.9	9.2	338	8.2	7.6	351	15.7	15.5
1991	704	11.2	8.9	330	8.1	7.3	374	16.9	15.1
1992	651	10.5	8.5	303	7.5	6.9	348	15.8	14.4
1993	636	10.3	8.4	314	7.9	6.8	322	14.8	14.1
1994	617	10.1	8.0	275	6.9	6.6	342	16.1	13.5
1995	592	9.8	7.6	282	7.1	6.3	310	15.0	12.6
1996	634	10.5	7.3	331	8.2	6.1	303	14.9	12.2
1997	579	9.5	7.2	302	7.5	6.0	277	13.5	11.8
1998	632	10.2	7.2	316	7.6	6.0	316	15.4	11.8
1999	607	9.8	7.1	289	6.9	5.8	318	15.6	12.0
2000	594	9.4	6.9	274	6.5	5.7	320	15.1	11.4
2001	567	9.4	6.9	275	6.8	5.7	292	14.7	11.3
2002	538	9.1	7.0	278	7.0	5.8	260	13.7	11.4
2003	519	8.7	6.9	264	6.5	5.7	255	13.6	11.1
2004	516	8.7	6.8	270	6.7	5.7	246	12.9	10.9
2005	561	9.3	6.9	293	7.2	5.7	268	13.8	10.9
2006	569	9.0	6.7	284	6.7	5.6	285	13.9	10.6
2007	641	10.0	6.8	345	8.0	5.6	296	14.0	10.6
2008	612	9.5	6.6	324	7.6	5.6	288	13.4	10.1
2009	513	8.2	6.4	254	6.1	5.3	259	12.6	9.9
2010	522	8.7	6.1	265	6.6	5.2	257	13.0	9.2
2011	481	8.1	6.1	242	6.1	5.1	239	12.2	9.2
2012	519	8.9	6.0	253	6.5	5.1	266	13.5	8.8
2013	500	8.6	6.0	266	6.9	5.1	234	12.0	8.8
2014	517	8.7	5.8	238	6.0	4.9	279	13.9	8.6
2015	494	8.3	5.9	206	5.2	4.9	288	14.4	8.9
2016	537	9.1	5.9	255	6.5	4.9	282	14.2	8.6
2017	435	7.4	5.8	213	5.5	4.9	222	11.0	8.5
2018	405	7.0	5.7	196	5.1	4.8	209	10.7	8.4
2019	449	7.7	5.5	214	5.6	4.6	235	11.4	8.4
2020	404	7.0	5.2	196	5.2	4.5	208	10.3	7.3
2021	443	7.6	5.6	226	5.8	4.9	217	11.3	7.2

¹ Rate is per 1,000 live births in specified group.

² Infant deaths are by race of child. Live births for 1970-1989 are by race of child. Live births for 1990-2021 are by race of mother.

³ U.S. rates (2007-2021) were obtained from CDC WONDER online database (<https://wonder.cdc.gov/lbd.html>).

TABLE 61
NEONATAL DEATHS AND NEONATAL MORTALITY RATES¹ BY RACE²
ALABAMA AND UNITED STATES³, 1970-2021

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1970	1,171	17.3	15.1	667	14.6	13.8	504	22.9	21.4
1971	1,113	16.7	14.2	611	13.8	13.0	502	22.3	19.6
1972	958	15.5	13.6	516	12.9	12.4	442	20.4	19.2
1973	890	15.0	13.0	501	12.9	11.8	389	18.8	17.9
1974	894	15.1	12.3	490	12.7	11.1	404	19.5	17.2
1975	818	14.1	11.6	427	11.4	10.4	391	19.2	16.8
1976	795	13.7	10.9	410	11.0	9.7	385	18.8	16.3
1977	687	11.1	9.9	367	9.1	8.7	320	14.8	14.7
1978	655	10.9	9.5	334	8.6	8.4	321	15.0	14.0
1979	582	9.3	8.9	306	7.7	7.9	276	12.2	12.9
1980	623	9.8	8.5	316	7.8	7.5	307	13.5	12.5
1981	512	8.3	8.0	268	6.8	7.1	244	11.2	11.8
1982	556	9.2	7.7	285	7.3	6.8	271	12.7	11.3
1983	486	8.2	7.3	265	6.9	6.4	221	10.7	10.8
1984	515	8.7	7.0	263	6.9	6.2	252	12.1	10.2
1985	496	8.3	7.0	273	7.0	6.1	223	10.8	10.3
1986	540	9.1	6.7	263	6.8	5.8	277	13.3	10.1
1987	482	8.1	6.5	233	6.0	5.5	249	12.0	10.0
1988	487	8.0	6.3	243	6.2	5.4	244	11.3	9.7
1989	500	8.0	6.2	256	6.4	5.2	244	10.9	9.6
1990	461	7.3	5.8	233	5.7	4.8	228	10.2	9.9
1991	460	7.3	5.6	204	5.0	4.5	256	11.6	9.5
1992	428	6.9	5.4	200	5.0	4.3	228	10.3	9.2
1993	408	6.6	5.3	200	5.0	4.3	208	9.6	9.0
1994	395	6.5	5.1	163	4.1	4.2	232	10.9	8.6
1995	388	6.4	4.9	180	4.5	4.1	208	10.1	8.1
1996	414	6.8	4.8	206	5.1	4.0	208	10.2	7.9
1997	374	6.1	4.8	193	4.8	4.0	181	8.8	7.7
1998	415	6.7	4.8	189	4.6	4.0	226	11.0	7.9
1999	382	6.2	4.7	176	4.2	3.9	206	10.1	8.0
2000	369	5.8	4.6	167	4.0	3.8	202	9.5	7.6
2001	355	5.9	4.5	170	4.2	3.8	185	9.3	7.4
2002	345	5.9	4.7	179	4.5	3.9	166	8.7	7.6
2003	312	5.3	4.6	150	3.7	3.9	162	8.7	7.4
2004	305	5.2	4.5	154	3.8	3.8	151	7.9	7.2
2005	342	5.7	4.5	189	4.6	3.8	153	7.9	7.2
2006	366	5.8	4.5	176	4.2	3.7	190	9.2	7.0
2007	407	6.3	4.4	215	5.0	3.7	192	9.1	7.0
2008	378	5.9	4.3	200	4.7	3.6	178	8.3	6.6
2009	313	5.9	4.2	149	3.6	3.5	164	8.0	6.5
2010	325	5.4	4.1	157	3.9	3.5	168	8.8	6.0
2011	306	5.2	4.1	158	4.0	3.4	148	7.6	6.1
2012	337	5.8	4.0	169	4.4	3.4	168	8.5	5.9
2013	322	5.5	4.0	164	4.2	3.4	158	8.1	6.0
2014	307	5.2	4.0	144	3.6	3.3	163	8.1	5.8
2015	300	5.0	3.9	126	3.2	3.3	174	8.7	5.9
2016	324	5.5	3.9	144	3.7	3.3	180	9.1	5.7
2017	257	4.4	3.9	123	3.2	3.3	134	6.6	5.6
2018	252	4.4	3.8	125	3.3	3.2	127	6.5	5.6
2019	243	4.1	3.7	114	3.0	3.1	129	6.3	5.5
2020	224	3.9	3.6	115	3.1	3.0	109	5.4	5.2
2021	232	4.0	3.5	127	3.3	3.0	105	5.5	5.2

¹ Rate is per 1,000 live births in specified group.

² Infant deaths are by race of child. Live births for 1970-1989 are by race of child. Live births for 1990-2021 are by race of mother.

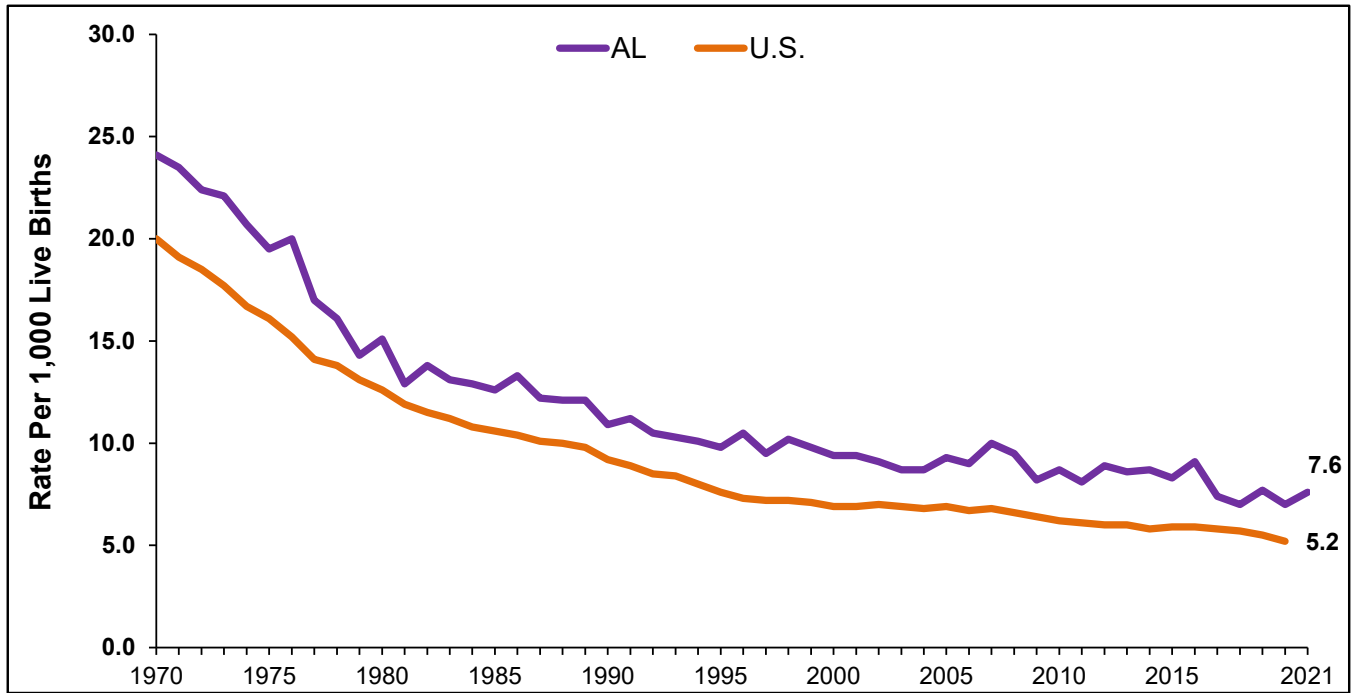
TABLE 62
POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES¹ BY RACE²
ALABAMA AND UNITED STATES³, 1970-2021

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1970	457	6.8	4.9	171	3.8	4.0	286	12.9	9.5
1971	453	6.8	4.9	186	4.2	4.1	267	11.8	8.9
1972	427	6.9	4.9	175	4.4	4.0	252	11.6	8.5
1973	423	7.1	4.7	178	4.6	4.0	245	11.9	8.3
1974	337	5.7	4.4	158	4.1	3.7	179	8.6	7.4
1975	312	5.4	4.5	126	3.4	3.8	186	9.1	7.4
1976	361	6.2	4.3	159	4.2	3.6	202	9.9	7.2
1977	366	5.9	4.2	171	4.2	3.6	195	9.0	7.0
1978	315	5.2	4.3	132	3.4	3.6	183	8.5	7.1
1979	309	4.9	4.2	142	3.6	3.5	167	7.4	6.9
1980	337	5.3	4.1	156	3.8	3.5	181	7.9	6.6
1981	284	4.6	3.9	136	3.4	3.4	148	6.8	6.0
1982	275	4.6	3.8	115	3.0	3.3	160	7.5	6.0
1983	288	4.9	3.9	132	3.4	3.3	156	7.6	6.0
1984	249	4.2	3.8	105	2.7	3.2	144	6.9	5.9
1985	256	4.3	3.6	132	3.4	3.2	124	6.0	5.5
1986	248	4.2	3.7	111	2.9	3.1	137	6.6	5.6
1987	244	4.1	3.6	105	2.7	3.1	139	6.7	5.4
1988	248	4.1	3.6	122	3.1	3.1	126	5.8	5.4
1989	256	4.1	3.6	119	3.0	3.0	137	6.1	5.6
1990	228	3.6	3.4	105	2.6	2.8	123	5.5	5.7
1991	244	3.9	3.4	126	3.1	2.8	118	5.3	5.6
1992	223	3.6	3.1	103	2.6	2.6	120	5.4	5.2
1993	228	3.7	3.1	114	2.9	2.5	114	5.2	5.1
1994	222	3.6	2.9	112	2.8	2.4	110	5.2	4.9
1995	204	3.4	2.7	102	2.6	2.2	102	5.0	4.5
1996	220	3.6	2.5	125	3.1	2.1	95	4.7	4.3
1997	205	3.4	2.5	109	2.7	2.0	96	4.7	4.0
1998	217	3.5	2.4	127	3.1	2.0	90	4.4	4.1
1999	225	3.6	2.3	113	2.7	1.9	112	5.5	4.0
2000	225	3.6	2.3	107	2.6	1.9	118	5.6	3.8
2001	212	3.5	2.3	105	2.6	1.9	107	5.4	4.0
2002	193	3.3	2.3	99	2.5	1.9	94	4.9	3.9
2003	207	3.5	2.2	114	2.8	1.8	93	5.0	3.7
2004	211	3.6	2.3	116	2.9	1.9	95	5.0	3.7
2005	219	3.6	2.3	104	2.5	1.9	115	5.9	3.7
2006	203	3.2	2.2	108	2.5	1.8	95	4.6	3.6
2007	234	3.6	2.3	130	3.0	1.9	104	4.9	3.7
2008	234	3.6	2.3	124	2.9	2.0	110	5.1	3.5
2009	200	3.2	2.2	105	2.5	1.9	95	4.6	3.4
2010	197	3.3	2.1	108	2.7	1.8	89	4.5	3.2
2011	175	3.0	2.0	84	2.1	1.7	91	4.7	3.0
2012	182	3.1	2.0	84	2.2	1.7	98	5.0	2.9
2013	178	3.1	1.9	102	2.6	1.6	76	3.9	2.8
2014	210	3.5	1.9	94	2.4	1.6	116	5.8	2.7
2015	194	3.3	2.0	80	2.0	1.6	114	5.7	3.0
2016	213	3.6	2.0	111	2.8	1.7	102	5.1	2.9
2017	178	3.0	1.9	90	2.3	1.6	88	4.4	2.9
2018	153	2.6	1.9	71	1.9	1.6	82	4.2	2.9
2019	206	3.5	1.9	100	2.6	1.5	106	5.1	2.9
2020	180	3.1	1.9	81	2.2	1.5	99	4.9	2.9
2021	211	3.6	1.9	99	2.5	1.6	112	5.8	3.1

¹ Rate is per 1,000 live births in specified group.

² Infant deaths are by race of child. Live births for 1970-1989 are by race of child. Live births for 1990-2021 are by race of mother.

**FIGURE 11. INFANT MORTALITY RATES
ALABAMA AND UNITED STATES, 1970-2021**



**FIGURE 12. NEONATAL AND POSTNEONATAL MORTALITY RATES
ALABAMA, 1970-2021**

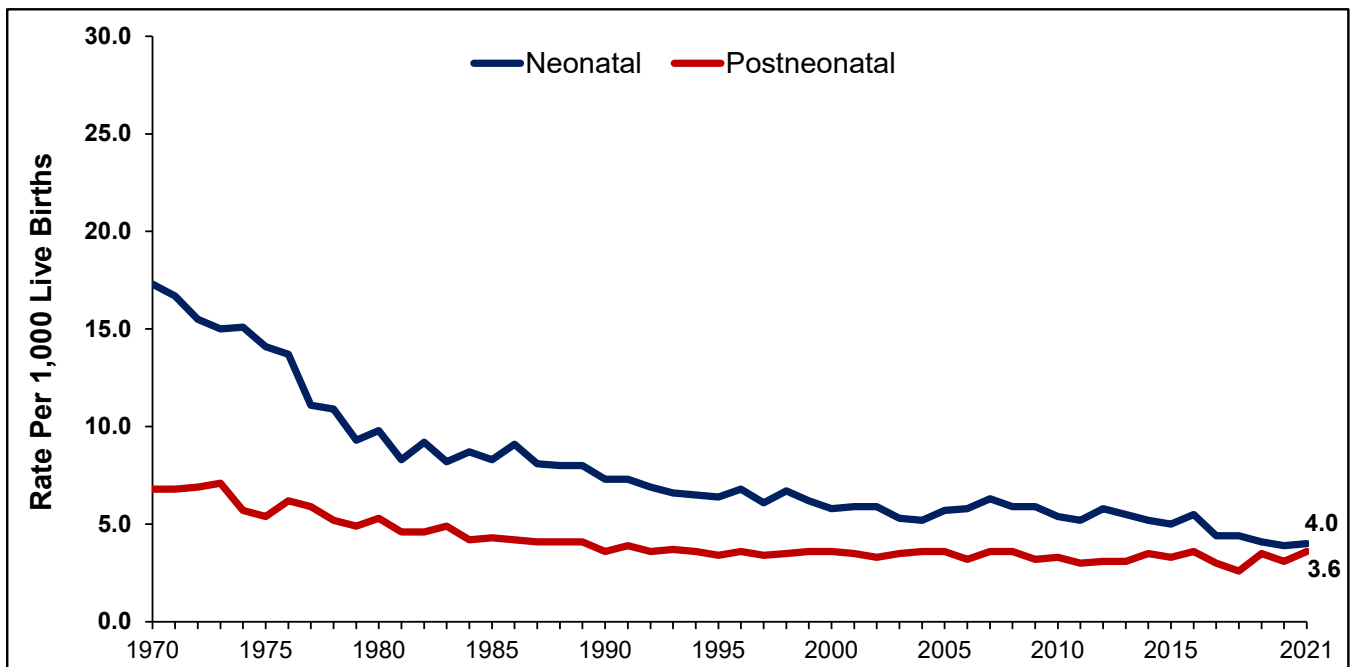


TABLE 63
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY COUNTY OF RESIDENCE AND RACE²
ALABAMA, 2021

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	443	7.6	226	5.8	217	11.3
Autauga	7	10.1	4	7.8	3	16.7
Baldwin	17	6.8	11	5.1	6	16.7
Barbour	2	7.3	0	0.0	2	13.5
Bibb	3	13.0	1	5.6	2	37.7
Blount	8	11.6	7	10.6	1	37.0
Bullock	3	28.3	0	0.0	3	35.3
Butler	1	4.6	1	9.7	0	0.0
Calhoun	14	10.5	8	8.2	6	17.0
Chambers	4	10.1	4	16.1	0	0.0
Cherokee	3	11.8	3	12.5	0	0.0
Chilton	3	5.6	3	6.4	0	0.0
Choctaw	1	7.6	1	12.3	0	0.0
Clarke	1	3.6	1	7.9	0	0.0
Clay	0	0.0	0	0.0	0	0.0
Cleburne	1	5.6	1	5.9	0	0.0
Coffee	4	6.1	3	6.1	1	6.1
Colbert	5	7.7	3	5.6	2	18.5
Conecuh	1	7.4	1	17.5	0	0.0
Coosa	0	0.0	0	0.0	0	0.0
Covington	2	4.7	2	5.6	0	0.0
Crenshaw	1	6.5	1	8.8	0	0.0
Cullman	5	4.9	4	4.0	1	45.5
Dale	3	4.3	2	4.1	1	4.8
Dallas	4	9.1	0	0.0	4	11.5
DeKalb	2	2.4	2	2.8	0	0.0
Elmore	7	7.4	4	5.6	3	12.6
Escambia	4	9.4	3	10.9	1	6.6
Etowah	7	6.2	3	3.4	4	15.3
Fayette	1	5.3	1	6.2	0	0.0
Franklin	1	2.3	1	2.6	0	0.0
Geneva	1	3.5	0	0.0	1	34.5
Greene	0	0.0	0	0.0	0	0.0
Hale	2	9.7	1	11.2	1	8.5
Henry	0	0.0	0	0.0	0	0.0
Houston	10	7.5	3	3.6	7	13.9
Jackson	3	5.3	3	5.7	0	0.0
Jefferson	71	8.8	24	5.5	47	12.7
Lamar	2	12.7	2	14.2	0	0.0
Lauderdale	6	6.4	4	5.0	2	14.8
Lawrence	3	7.5	3	8.5	0	0.0
Lee	14	7.4	6	4.4	8	14.8
Limestone	5	4.2	5	4.9	0	0.0
Lowndes	3	22.1	1	40.0	2	18.0
Macon	2	11.1	0	0.0	2	14.2
Madison	25	5.8	13	4.3	12	9.0
Marengo	3	13.1	1	9.6	2	16.0
Marion	1	3.2	1	3.4	0	0.0
Marshall	10	6.7	10	8.9	0	0.0
Mobile	46	9.0	25	8.9	21	9.2
Monroe	2	8.3	1	9.2	1	7.6
Montgomery	31	10.1	6	6.3	25	11.8
Morgan	13	9.3	5	4.3	8	34.0
Perry	1	11.9	0	0.0	1	13.7
Pickens	1	5.7	1	9.5	0	0.0
Pike	2	5.8	1	5.6	1	6.0
Randolph	0	0.0	0	0.0	0	0.0
Russell	5	6.2	2	4.4	3	8.5
St. Clair	5	4.9	4	4.4	1	8.2
Shelby	10	4.4	5	2.7	5	11.5
Sumter	1	7.6	0	0.0	1	9.8
Talladega	10	11.6	5	9.3	5	15.3
Tallapoosa	1	2.4	0	0.0	1	6.8
Tuscaloosa	28	11.5	11	8.5	17	14.8
Walker	5	6.6	5	7.2	0	0.0
Washington	3	16.2	1	7.7	2	36.4
Wilcox	1	8.5	0	0.0	1	10.6
Winston	2	9.3	2	9.5	0	0.0

¹ Rate is per 1,000 live births in specified group.

² Infant deaths are by race of child and live births are by race of mother. See formula in Appendix B. Use caution with rates derived from small numbers or based on small birth totals. Rates which apply to populations with fewer than 50 births are shaded.

TABLE 64
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY AGE AT DEATH AND RACE²
ALABAMA, 2021

AGE AT DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	443	7.6	226	5.8	217	11.3
Under 1 day	123	2.1	66	1.7	57	3.0
1 day - 6 days	54	0.9	31	0.8	23	1.2
7 days - 27 days	55	0.9	30	0.8	25	1.3
28 days - 364 days	211	3.6	99	2.5	112	5.8

¹ Rate is per 1,000 live births in specified group.

² Infant deaths are by race of child and live births are by race of mother. See formula in Appendix B. Use caution with rates derived from small numbers.

TABLE 65
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY LIVE BIRTH ORDER
ALABAMA, 2021

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
TOTAL	58,040	443	7.6
First	18,794	179	9.5
Second	16,226	115	7.1
Third	10,643	76	7.1
Fourth	6,163	37	6.0
Fifth	3,150	18	5.7
Sixth	1,530	6	3.9
Seventh and above	1,533	8	5.2
Not stated	1	4	--

¹ Rate is per 1,000 live births in specified group. See formula in Appendix B. Use caution with rates derived from small numbers.

TABLE 66
INFANT DEATHS AND INFANT MORTALITY RATES¹ BY CAUSE OF DEATH AND RACE OF CHILD
ALABAMA, 2021

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	443	7.6	226	5.8	217	11.3
Certain infectious and parasitic diseases	17	29.3	5	12.9	12	62.6
Septicemia	6	10.3	3	7.7	3	15.6
Viral diseases	3	5.2	0	0.0	3	15.6
Other and unspecified infectious and parasitic diseases	8	13.8	2	5.1	6	31.3
Neoplasms	0	0.0	0	0.0	0	0.0
Malignant neoplasms	0	0.0	0	0.0	0	0.0
In situ neoplasms, benign neoplasms and uncertain or unknown neoplasms	0	0.0	0	0.0	0	0.0
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1	1.7	0	0.0	1	5.2
Endocrine, nutritional and metabolic diseases	4	6.9	1	2.6	3	15.6
Short stature, not elsewhere classified	0	0.0	0	0.0	0	0.0
Nutritional deficiencies	0	0.0	0	0.0	0	0.0
Cystic fibrosis	0	0.0	0	0.0	0	0.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	1	1.7	0	0.0	1	5.2
Other endocrine, nutritional and metabolic diseases	3	5.2	1	2.6	2	10.4
Diseases of the nervous system	6	10.3	4	10.3	2	10.4
Meningitis	1	1.7	0	0.0	1	5.2
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	0	0.0	0	0.0	0	0.0
Infantile cerebral palsy	0	0.0	0	0.0	0	0.0
Anoxic brain damage, not elsewhere classified	0	0.0	0	0.0	0	0.0
Other diseases of the nervous system	5	8.6	4	10.3	1	5.2
Diseases of the ear and mastoid process	0	0.0	0	0.0	0	0.0
Diseases of the circulatory system	16	27.6	9	23.2	7	36.5
Pulmonary heart disease and diseases of pulmonary circulation	5	8.6	3	7.7	2	10.4
Cardiomyopathy	0	0.0	0	0.0	0	0.0
Cardiac arrest	6	10.3	4	10.3	2	10.4
Cerebrovascular diseases	3	5.2	1	2.6	2	10.4
Other diseases of the circulatory system	2	3.4	1	2.6	1	5.2
Diseases of the respiratory system	12	20.7	7	18.0	5	26.1
Acute upper respiratory infections	0	0.0	0	0.0	0	0.0
Influenza and pneumonia	6	10.3	3	7.7	3	15.6
Acute bronchitis and acute bronchiolitis	1	1.7	1	2.6	0	0.0
Bronchitis, chronic and unspecified	0	0.0	0	0.0	0	0.0
Asthma	0	0.0	0	0.0	0	0.0
Pneumonitis due to solids and liquids	0	0.0	0	0.0	0	0.0
Other and unspecified diseases of the respiratory system	5	8.6	3	7.7	2	10.4
Diseases of the digestive system	2	3.4	0	0.0	2	10.4
Gastritis, duodenitis, and noninfective enteritis and colitis	0	0.0	0	0.0	0	0.0
Hernia of abdominal cavity and intestinal obstruction without hernia	2	3.4	0	0.0	2	10.4
Other and unspecified diseases of the digestive system	0	0.0	0	0.0	0	0.0
Diseases of the genitourinary system	1	1.7	0	0.0	1	5.2
Renal failure and other disorders of the kidney	1	1.7	0	0.0	1	5.2
Other and unspecified diseases of the genitourinary system	0	0.0	0	0.0	0	0.0

¹ Rate is per 1,000 live births in specified group. Infant deaths are by race of child and live births are by race of mother. See formula in Appendix B. Use caution with rates derived from small numbers.

TABLE 66 (Continued)
INFANT DEATHS AND INFANT MORTALITY RATES¹ BY CAUSE OF DEATH AND RACE OF CHILD
ALABAMA, 2021

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	443	7.6	226	5.8	217	11.3
Certain conditions originating in the perinatal period	186	320.5	94	241.8	92	479.9
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	29	50.0	16	41.2	13	67.8
Newborn affected by maternal hypertensive disorders	0	0.0	0	0.0	0	0.0
Newborn affected by other maternal conditions which may be unrelated to present pregnancy	1	1.7	0	0.0	1	5.2
Newborn affected by maternal complications of pregnancy	17	29.3	11	28.3	6	31.3
Newborn affected by incompetent cervix	5	8.6	3	7.7	2	10.4
Newborn affected by premature rupture of membranes	11	19.0	7	18.0	4	20.9
Newborn affected by multiple pregnancy	0	0.0	0	0.0	0	0.0
Newborn affected by other maternal complications of pregnancy	1	1.7	1	2.6	0	0.0
Newborn affected by complications of placenta, cord and membranes	10	17.2	5	12.9	5	26.1
Newborn affected by complications involving placenta	8	13.8	3	7.7	5	26.1
Newborn affected by complications involving cord	0	0.0	0	0.0	0	0.0
Newborn affected by chorioamnionitis	2	3.4	2	5.1	0	0.0
Newborn affected by other and unspecified abnormalities of membranes	0	0.0	0	0.0	0	0.0
Newborn affected by other complications of labor and delivery	1	1.7	0	0.0	1	5.2
Newborn affected by noxious influences transmitted by placenta or breastmilk	0	0.0	0	0.0	0	0.0
Disorders related to length of gestation and fetal malnutrition	67	115.4	28	72.0	39	203.4
Slow growth and fetal malnutrition	2	3.4	0	0.0	2	10.4
Disorders related to short gestation and low birth weight, not elsewhere classified	65	112.0	28	72.0	37	193.0
Extremely low birth weight or extreme immaturity	50	86.1	24	61.7	26	135.6
Other low birth weight or preterm	15	25.8	4	10.3	11	57.4
Disorders related to long gestation and high birth weight	0	0.0	0	0.0	0	0.0
Birth trauma	0	0.0	0	0.0	0	0.0
Intrauterine hypoxia and birth asphyxia	9	15.5	7	18.0	2	10.4
Intrauterine hypoxia	3	5.2	1	2.6	2	10.4
Birth asphyxia	6	10.3	6	15.4	0	0.0
Respiratory distress of newborn	4	6.9	2	5.1	2	10.4
Other respiratory conditions originating in the perinatal period	16	27.6	4	10.3	12	62.6
Congenital pneumonia	0	0.0	0	0.0	0	0.0
Neonatal aspiration syndromes	0	0.0	0	0.0	0	0.0
Interstitial emphysema and related conditions originating in the perinatal period	2	3.4	0	0.0	2	10.4
Pulmonary hemorrhage originating in the perinatal period	3	5.2	0	0.0	3	15.6
Chronic respiratory disease originating in the perinatal period	8	13.8	3	7.7	5	26.1
Atelectasis	2	3.4	0	0.0	2	10.4
Other respiratory conditions originating in the perinatal period	1	1.7	1	2.6	0	0.0
Infections specific to the perinatal period	16	27.6	9	23.2	7	36.5
Bacterial sepsis of newborn	12	20.7	6	15.4	6	31.3
Other infections specific to the perinatal period	4	6.9	3	7.7	1	5.2
Hemorrhagic and hematological disorders of newborn	9	15.5	4	10.3	5	26.1
Neonatal hemorrhage	7	12.1	4	10.3	3	15.6
Hemorrhagic disease of newborn	0	0.0	0	0.0	0	0.0
Hemolytic disease of newborn	0	0.0	0	0.0	0	0.0
Hematological disorders	2	3.4	0	0.0	2	10.4

¹ Rate is per 1,000 live births in specified group. Infant deaths are by race of child and live births are by race of mother. See formula in Appendix B. Use caution with rates derived from small numbers.

TABLE 66 (Continued)
INFANT DEATHS AND INFANT MORTALITY RATES¹ BY CAUSE OF DEATH AND RACE OF CHILD
ALABAMA, 2021

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	443	7.6	226	5.8	217	11.3
Neonatal diabetes mellitus and syndrome of infant of diabetic mother	0	0.0	0	0.0	0	0.0
Necrotizing enterocolitis of newborn	7	12.1	4	10.3	3	15.6
Hydrops fetalis not due to hemolytic disease	3	5.2	3	7.7	0	0.0
Other perinatal conditions	26	44.8	17	43.7	9	46.9
Congenital malformations, deformations and chromosomal abnormalities	69	118.9	45	115.8	24	125.2
Anencephaly and similar malformations	3	5.2	3	7.7	0	0.0
Congenital hydrocephalus	0	0.0	0	0.0	0	0.0
Spina bifida	0	0.0	0	0.0	0	0.0
Other congenital malformations of the nervous system	4	6.9	4	10.3	0	0.0
Congenital malformations of the heart	11	19.0	5	12.9	6	31.3
Other congenital malformations of the circulatory system	3	5.2	2	5.1	1	5.2
Congenital malformations of the respiratory system	7	12.1	3	7.7	4	20.9
Congenital malformations of the digestive system	1	1.7	0	0.0	1	5.2
Congenital malformations of the genitourinary system	6	10.3	3	7.7	3	15.6
Congenital malformations and deformations of musculoskeletal system, limbs and integument	9	15.5	4	10.3	5	26.1
Down's syndrome	2	3.4	1	2.6	1	5.2
Edward's syndrome	3	5.2	3	7.7	0	0.0
Patau's syndrome	4	6.9	4	10.3	0	0.0
Other congenital malformations and deformations	15	25.8	12	30.9	3	15.6
Other chromosomal abnormalities, not elsewhere classified	1	1.7	1	2.6	0	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	97	167.1	47	120.9	50	260.8
Sudden infant death syndrome	39	67.2	21	54.0	18	93.9
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	58	99.9	26	66.9	32	166.9
All other diseases (residual of A00-R99)	2	3.4	1	2.6	1	5.2
External causes of mortality	30	51.7	13	33.4	17	88.7
Accidents	16	27.6	8	20.6	8	41.7
Motor vehicle accidents	4	6.9	2	5.1	2	10.4
Falls	0	0.0	0	0.0	0	0.0
Accidental discharge of firearms	0	0.0	0	0.0	0	0.0
Drowning	1	1.7	0	0.0	1	5.2
Accidental suffocation and strangulation in bed	7	12.1	4	10.3	3	15.6
Other accidental suffocation and strangulation	0	0.0	0	0.0	0	0.0
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	1	1.7	0	0.0	1	5.2
Accidents caused by exposure to smoke, fire and flames	1	1.7	0	0.0	1	5.2
Accidental poisoning and exposure to noxious substances	1	1.7	1	2.6	0	0.0
Other and unspecified accidents and their sequelae	1	1.7	1	2.6	0	0.0
Homicide (assault)	10	17.2	3	7.7	7	36.5
Homicide by hanging, strangulation and suffocation	0	0.0	0	0.0	0	0.0
Homicide by discharge of firearms	1	1.7	0	0.0	1	5.2
Neglect, abandonment and other maltreatment syndromes	2	3.4	0	0.0	2	10.4
Homicide by other and unspecified means	7	12.1	3	7.7	4	20.9
Complications of medical and surgical care	0	0.0	0	0.0	0	0.0
Other external causes	4	6.9	2	5.1	2	10.4

¹ Rate is per 1,000 live births in specified group. Infant deaths are by race of child and live births are by race of mother. See formula in Appendix B. Use caution with rates derived from small numbers.

TABLE 67
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE² OF CHILD AND AGE GROUP OF MOTHER
ALABAMA, 2021

AGE GROUP OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	443	7.6	226	5.8	217	11.3
Under 15	0	0.0	0	0.0	0	0.0
15-17	18	19.4	9	18.3	9	20.6
18-19	22	8.1	11	6.9	11	9.8
20-24	135	9.4	69	7.6	66	12.4
25-29	125	6.9	62	5.0	63	11.1
30-34	86	6.0	47	4.6	39	9.4
35-39	44	7.2	19	4.6	25	12.7
40+	9	7.4	8	10.5	1	2.2
Not stated	4	--	1	--	3	--

¹ Rate is per 1,000 live births in specified group. See formula in Appendix B. Use caution with rates derived from small numbers.

² Infant deaths are by race of child and live births are by race of mother.

TABLE 68
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY WEIGHT AT BIRTH AND RACE² OF CHILD
ALABAMA, 2021

WEIGHT AT BIRTH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	443	7.6	226	5.8	217	11.3
0-499 grams	91	739.8	41	836.7	50	675.7
500-999 grams	66	161.4	29	171.6	37	154.2
1,000-1,499 grams	26	47.6	11	41.8	15	53.0
1,500-1,999 grams	38	30.7	19	28.4	19	33.3
2,000-2,499 grams	40	10.7	22	11.0	18	10.3
2,500-4,499 grams	169	3.3	98	2.8	71	4.4
4,500+ grams	3	7.1	3	8.8	0	0.0
Not stated	10	--	3	--	7	--

¹ Rate is per 1,000 live births in specified group. See formula in Appendix B. Use caution with rates derived from small numbers.

² Infant deaths are by race of child and live births are by race of mother.

TABLE 69
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY PLURALITY AT BIRTH, RACE² AND SEX
ALABAMA, 2021

PLURALITY AT BIRTH	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	443	7.6	121	6.1	105	5.5	131	14.1	86	9.1
Single	381	6.8	102	5.3	95	5.2	114	12.3	70	7.7
Multiple	58	27.0	19	26.9	9	14.2	17	44.0	13	30.9
Twins	57	27.4	19	27.9	9	14.6	16	42.8	13	32.0
Triplets or higher order	1	14.3	0	0.0	0	0.0	1	2.7	0	0.0
Not stated	4	---	0	---	1	---	0	---	3	---

¹ Rate is per 1,000 live births in specified group. Rates include only those births where birth order was known. See formula in Appendix B. Use caution with rates derived from small numbers or based on small birth totals. Rates that apply to populations with fewer than 50 births are shaded.

² Infants deaths are by race of child and live births are by race of mother.

TABLE 70
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY ADEQUACY OF PRENATAL CARE AND RACE²
ALABAMA, 2021

ADEQUACY OF PRENATAL CARE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Adequate plus	200	9.8	87	6.4	113	16.6
Adequate	92	4.2	59	3.8	33	5.2
Intermediate	24	5.1	12	3.8	12	7.9
Inadequate	80	8.4	45	7.9	35	9.2

¹ Rate is per 1,000 live births in specified group. Rates include only those births where the Adequacy of Prenatal Care Utilization Index (Kotelchuck Index) value is known. See formula in Appendix B. Use caution with rates derived from small numbers or based on small birth totals.

² Infant deaths are by race of child and live births are by race of mother.

TABLE 71
NUMBERS AND RATES¹ OF MARRIAGES AND DIVORCES
ALABAMA AND UNITED STATES², 1970, 1980, 1990, 1995, 2000-2021

YEAR	MARRIAGES		U.S. RATE	DIVORCES		U.S. RATE
	NUMBER	RATE		NUMBER	RATE	
1970	46,959	13.6	10.6	15,109	4.4	3.5
1980	49,018	12.6	10.6	26,745	6.9	5.2
1990	43,050	10.7	9.8	25,678	6.4	4.7
1995	42,234	10.3	8.9	25,813	6.3	4.4
2000	47,087	10.6	8.2	24,630	5.5	4.0
2001	45,052	10.0	8.2	24,159	5.4	4.0
2002	44,158	9.8	8.0	24,059	5.3	3.9
2003	43,139	9.6	7.7	23,205	5.2	3.8
2004	42,537	9.4	7.8	22,405	4.9	3.7
2005	41,962	9.2	7.6	22,430	4.9	3.6
2006	42,386	9.2	7.5	22,867	5.0	3.7
2007	41,622	9.0	7.3	21,255	4.6	3.6
2008	40,638	8.7	7.1	20,311	4.4	3.5
2009	39,278	8.3	6.8	20,757	4.4	3.5
2010	39,382	8.2	6.8	21,238	4.4	3.6
2011	40,523	8.4	6.8	20,550	4.3	3.6
2012	39,489	8.2	6.8	17,193	3.6	3.4
2013	37,789	7.8	6.8	17,805	3.7	3.3
2014	37,945	7.8	6.9	18,504	3.8	3.2
2015	35,726	7.4	6.9	18,946	3.9	3.1
2016	34,822	7.2	7.0	18,329	3.8	3.0
2017	34,329	7.0	6.9	17,887	3.7	2.9
2018	33,057	6.8	6.5	18,200	3.7	2.9
2019	32,832	6.7	6.1	17,979	3.7	2.7
2020	35,286	7.2	5.1	18,061	3.7	2.3
2021	38,192	7.6	6.0	18,158	3.6	2.5

¹ Rates are per 1,000 population. See formula in Appendix B.

² After 1990, National Center for Health Statistics' method for obtaining marriage data changed, so U.S. rates may not be comparable to earlier years.

FIGURE 13. MARRIAGE AND DIVORCE RATES
ALABAMA AND UNITED STATES, 2000-2021

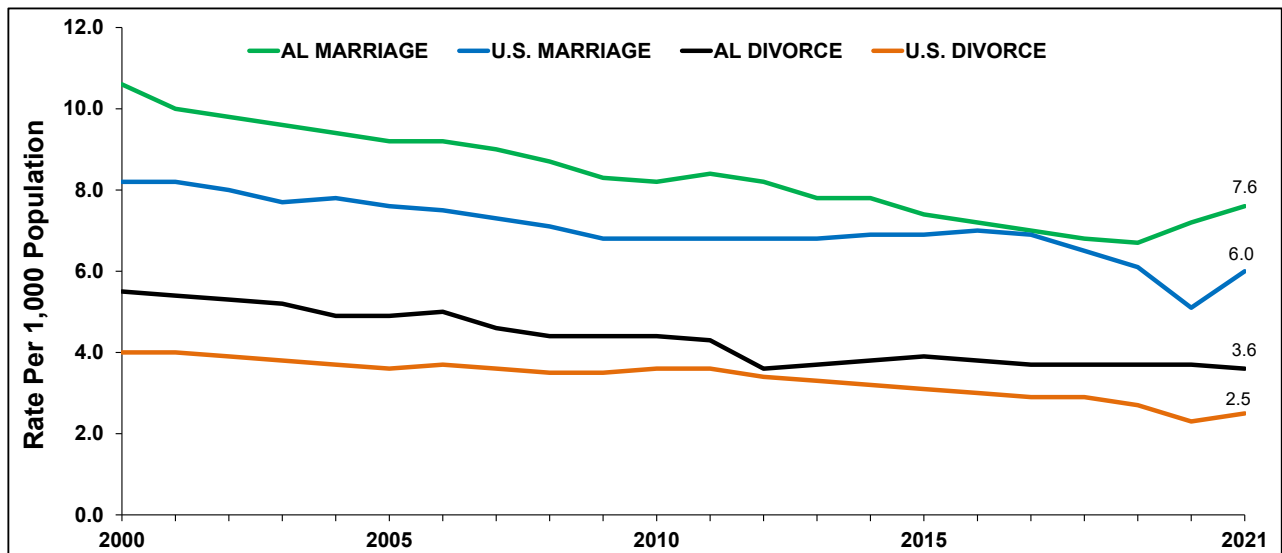


TABLE 72
NUMBERS AND RATES¹ OF MARRIAGES AND DIVORCES
BY ISSUING COUNTY, ALABAMA, 2021

ISSUING COUNTY	MARRIAGES		DIVORCES	
	NUMBER	RATE	NUMBER	RATE
TOTAL	38,192	7.6	18,158	3.6
Autauga	463	7.8	184	3.1
Baldwin	3,120	13.0	868	3.6
Barbour	146	5.8	64	2.6
Bibb	159	7.1	42	1.9
Blount	506	8.6	254	4.3
Bullock	25	2.4	5	0.5
Butler	109	5.8	82	4.3
Calhoun	829	7.1	560	4.8
Chambers	165	4.8	163	4.7
Cherokee	262	10.5	108	4.3
Chilton	403	8.9	225	5.0
Choctaw	108	8.6	42	3.4
Clarke	157	6.9	102	4.5
Clay	95	6.7	51	3.6
Cleburne	112	7.4	63	4.2
Coffee	566	10.4	202	3.7
Colbert	384	6.7	213	3.7
Conecuh	99	8.7	38	3.4
Coosa	55	5.3	23	2.2
Covington	326	8.7	141	3.8
Crenshaw	112	8.6	48	3.7
Cullman	856	9.6	409	4.6
Dale	337	6.8	251	5.1
Dallas	189	5.0	62	1.6
DeKalb	549	7.6	185	2.6
Elmore	473	5.3	340	3.8
Escambia	274	7.5	104	2.8
Etowah	862	8.4	420	4.1
Fayette	141	8.7	124	7.7
Franklin	211	6.6	149	4.7
Geneva	233	8.7	121	4.5
Greene	29	3.8	14	1.8
Hale	60	4.1	43	2.9
Henry	100	5.7	56	3.2
Houston	978	9.1	466	4.3
Jackson	463	8.8	225	4.3
Jefferson	4,351	6.5	2,189	3.3
Lamar	104	7.6	76	5.6
Lauderdale	807	8.6	282	3.0
Lawrence	279	8.4	118	3.6
Lee	1,196	6.7	466	2.6
Limestone	767	7.1	372	3.5
Lowndes	37	3.7	45	4.5
Macon	54	2.9	17	0.9
Madison	2,762	7.0	1,397	3.5
Marengo	102	5.4	46	2.4
Marion	373	12.8	158	5.4
Marshall	873	8.9	457	4.7
Mobile	3,324	8.0	1,562	3.8
Monroe	147	7.5	48	2.4
Montgomery	1,666	7.3	618	2.7
Morgan	819	6.6	522	4.2
Perry	37	4.4	26	3.1
Pickens	107	5.7	74	3.9
Pike	150	4.5	107	3.2
Randolph	204	9.3	106	4.8
Russell	793	13.5	329	5.6
St. Clair	746	8.0	392	4.2
Shelby	1,324	5.8	659	2.9
Sumter	79	6.5	23	1.9
Talladega	527	6.5	319	3.9
Tallapoosa	255	6.2	103	2.5
Tuscaloosa	1,388	6.1	714	3.1
Walker	605	9.3	295	4.6
Washington	143	9.4	57	3.8
Wilcox	49	4.7	20	1.9
Winston	168	7.1	114	4.8

¹ Rate is per 1,000 population. See formula in Appendix B. Use caution with rates derived from small numbers or based on small populations.

**TABLE 73
MARRIAGES AND MARRIAGE RATES¹ BY MONTH OF OCCURRENCE
ALABAMA, 2021**

MONTH	ALL MARRIAGES		SAME SEX MARRIAGES
	NUMBER	RATE	
TOTAL	38,192	7.6	1,100
January	2,369	5.5	72
February	2,278	5.9	93
March	3,317	7.7	96
April	3,630	8.8	96
May	3,614	8.4	97
June	3,414	8.2	98
July	3,082	7.2	92
August	2,866	6.7	76
September	3,238	7.8	99
October	4,363	10.2	106
November	3,050	7.4	94
December	2,971	6.9	81

¹Rate is per 1,000 population. See formula in Appendix B.

**TABLE 74
MARRIAGES BY RACE OF SPOUSE
ALABAMA, 2021**

RACE OF SPOUSE 1	RACE OF SPOUSE 2				
	TOTAL	WHITE	BLACK	OTHER	NOT STATED
TOTAL	38,192	29,090	7,805	1,214	83
WHITE	29,027	27,590	746	659	32
BLACK	8,125	992	6,988	134	11
OTHER	975	486	68	416	5
NOT STATED	65	22	3	5	35

**TABLE 75
MARRIAGES BY PREVIOUS MARITAL STATUS OF SPOUSE
ALABAMA, 2021**

MARITAL STATUS OF SPOUSE 1	MARITAL STATUS OF SPOUSE 2				
	TOTAL	NEVER MARRIED	WIDOWED	DIVORCED	NOT STATED
TOTAL	38,192	22,787	1,316	13,507	582
NEVER MARRIED	22,717	18,645	214	3,817	41
WIDOWED	1,245	154	372	716	3
DIVORCED	13,675	3,960	722	8,885	108
NOT STATED	555	28	8	89	430

TABLE 76
MARRIAGES BY AGE GROUP OF SPOUSE
ALABAMA, 2021

AGE GROUP OF SPOUSE 1	AGE GROUP OF SPOUSE 2															
	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Not Stated
Total	38,192	2	1,236	7,855	8,362	5,749	4,113	3,286	2,491	1,932	1,260	858	494	291	245	18
Under 15	4	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0
15-19	936	1	505	373	41	10	4	1	0	0	0	1	0	0	0	0
20-24	7,336	0	625	5,003	1,353	243	64	29	12	4	0	0	0	0	1	2
25-29	8,232	0	73	1,909	4,400	1,306	337	126	49	21	8	1	0	0	0	2
30-34	5,913	0	20	395	1,760	2,353	898	326	108	36	9	6	0	0	0	2
35-39	4,127	0	5	99	516	1,135	1,369	641	230	86	27	12	1	3	1	2
40-44	3,253	0	1	42	159	454	824	1,023	484	178	54	20	7	3	1	3
45-49	2,471	0	1	14	83	155	359	621	740	342	92	41	10	6	7	0
50-54	2,042	0	2	8	28	62	154	315	503	608	234	80	28	16	2	2
55-59	1,523	0	0	7	12	19	63	108	237	397	410	182	54	18	13	3
60-64	993	0	1	1	5	4	24	60	83	162	267	248	93	37	7	1
65-69	652	0	1	1	1	4	8	21	31	65	101	170	176	46	27	0
70-74	384	0	1	0	1	3	5	9	10	25	39	64	95	84	48	0
75+	316	1	0	0	0	1	1	4	3	8	19	33	30	78	138	0
Not Stated	10	0	0	2	2	0	2	2	1	0	0	0	0	0	0	1

TABLE 77
DIVORCES¹ AND ANNULMENTS BY DURATION OF MARRIAGE
AND NUMBER OF MINOR CHILDREN²
ALABAMA, 2021

DURATION OF MARRIAGE (IN YEARS)	NUMBER OF MINOR CHILDREN											
	Total	0	1	2	3	4	5	6	7	8	9+	Not Stated
Total	18,158	10,893	3,518	2,681	834	173	39	12	4	1	1	2
Under 1	690	629	41	16	3	1	0	0	0	0	0	0
1-4	4,981	3,499	984	400	81	12	2	1	1	0	0	1
5-9	4,851	2,640	1,073	856	230	41	6	4	0	0	0	1
10-14	2,905	1,278	603	693	257	52	16	4	2	0	0	0
15-19	1,792	717	378	438	189	54	12	1	1	1	1	0
20-24	1,333	754	281	222	64	10	2	0	0	0	0	0
25-29	739	572	116	37	9	2	1	2	0	0	0	0
30-34	436	394	27	14	0	1	0	0	0	0	0	0
35-39	217	204	10	2	1	0	0	0	0	0	0	0
40+	194	188	4	2	0	0	0	0	0	0	0	0
Not Stated	20	18	1	1	0	0	0	0	0	0	0	0

¹ Divorces include the following decree types: divorce, dissolution, not stated and not classifiable.

² Children 18 years of age and under are considered minors in Alabama.

TABLE 78
DIVORCES¹ AND ANNULMENTS BY PARTY TO WHOM GRANTED
ALABAMA, 2021

PARTY TO WHOM DIVORCE GRANTED	TOTAL	DIVORCES	ANNULMENTS
TOTAL	18,158	18,071	87
Spouse 1	963	958	5
Spouse 2	1,477	1,466	11
Spouse 1 and Spouse 2	15,643	15,573	70
Not stated	75	74	1

¹ Divorces include the following decree types: divorce, dissolution, not stated and not classifiable.

TABLE 79
DIVORCES¹ AND ANNULMENTS BY RACE OF SPOUSE
ALABAMA, 2021

RACE OF SPOUSE 1	RACE OF SPOUSE 2		
	TOTAL	WHITE	BLACK AND OTHER
TOTAL	18,158	12,894	5,264
WHITE	13,217	12,558	659
BLACK AND OTHER	4,941	336	4,605

¹ Divorces include the following decree types: divorce, dissolution, not stated and not classifiable.

TABLE 80
DIVORCES¹ AND ANNULMENTS BY LEGAL GROUNDS FOR DECREE
ALABAMA, 2021

LEGAL GROUNDS	TOTAL	DIVORCES	ANNULMENTS
TOTAL	18,158	18,071	87
Abandonment	58	57	1
Adultery	138	138	0
Bigamy	11	2	9
Cruelty or violence	63	63	0
Fraud	11	4	7
Incompatibility	13,652	13,607	45
Irretrievable breakdown	4,035	4,030	5
All other causes	147	129	18
Not stated	43	41	2

¹ Divorces include the following decree types: divorce, dissolution, not stated and not classifiable.

TABLE 81
DIVORCES¹ AND ANNULMENTS BY AGE GROUP OF SPOUSE
ALABAMA, 2021

AGE GROUP OF SPOUSE 1	AGE GROUP OF SPOUSE 2														
	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Not Stated
Total	18,158	58	1,051	2,268	2,995	2,758	2,670	2,178	1,709	1,124	714	354	167	103	9
Under 20	24	7	11	1	0	2	0	1	0	0	0	0	0	0	2
20-24	662	48	483	98	19	7	5	2	0	0	0	0	0	0	0
25-29	1,916	1	426	1,125	274	61	13	10	3	2	0	0	0	0	1
30-34	2,609	2	83	727	1,334	320	88	38	12	1	2	1	0	0	1
35-39	2,745	0	24	207	882	1,117	354	101	42	11	3	2	0	2	0
40-44	2,603	0	12	65	289	774	1,037	293	100	26	4	1	1	0	1
45-49	2,334	0	6	24	108	295	715	834	261	72	13	4	1	1	0
50-54	1,983	0	2	12	51	120	301	593	637	204	46	14	2	0	1
55-59	1,358	0	1	5	20	41	93	190	423	406	135	36	7	0	1
60-64	938	0	0	1	13	9	36	74	150	280	290	65	18	2	0
65-69	519	0	2	2	3	5	16	34	53	86	147	133	30	7	1
70-74	263	0	1	0	1	4	10	6	18	27	49	73	60	14	0
75+	201	0	0	1	1	2	2	1	10	8	25	25	48	77	1
Not Stated	3	0	0	0	0	1	0	1	0	1	0	0	0	0	0

¹Divorces include the following decree types: divorce, dissolution, not stated or not classifiable.

TABLE 82
ESTIMATED POPULATION¹ BY COUNTY OF RESIDENCE, RACE AND SEX
ALABAMA, 2021

COUNTY OF RESIDENCE	ALL RACES			WHITE			BLACK AND OTHER		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	5,039,877	2,448,099	2,591,778	3,472,742	1,713,205	1,759,537	1,567,135	734,894	832,241
Autauga	59,095	28,733	30,362	44,442	21,850	22,592	14,653	6,883	7,770
Baldwin	239,294	116,422	122,872	209,243	102,026	107,217	30,051	14,396	15,655
Barbour	24,964	13,305	11,659	12,292	6,547	5,745	12,672	6,758	5,914
Bibb	22,477	12,134	10,343	17,112	8,814	8,298	5,365	3,320	2,045
Blount	59,041	29,407	29,634	56,388	28,065	28,323	2,653	1,342	1,311
Bullock	10,320	5,717	4,603	2,797	1,731	1,066	7,523	3,986	3,537
Butler	18,884	8,805	10,079	9,775	4,692	5,083	9,109	4,113	4,996
Calhoun	115,972	56,089	59,883	86,590	42,337	44,253	29,382	13,752	15,630
Chambers	34,541	16,558	17,983	19,615	9,575	10,040	14,926	6,983	7,943
Cherokee	24,996	12,438	12,558	23,168	11,511	11,657	1,828	927	901
Chilton	45,274	22,307	22,967	39,355	19,410	19,945	5,919	2,897	3,022
Choctaw	12,533	5,965	6,568	7,193	3,536	3,657	5,340	2,429	2,911
Clarke	22,760	10,826	11,934	11,945	5,854	6,091	10,815	4,972	5,843
Clay	14,190	6,979	7,211	11,807	5,849	5,958	2,383	1,130	1,253
Cleburne	15,103	7,450	7,653	14,309	7,073	7,236	794	377	417
Coffee	54,174	26,802	27,372	41,091	20,434	20,657	13,083	6,368	6,715
Colbert	57,474	27,697	29,777	46,027	22,373	23,654	11,447	5,324	6,123
Conecuh	11,328	5,458	5,870	5,840	2,927	2,913	5,488	2,531	2,957
Coosa	10,450	5,304	5,146	7,070	3,634	3,436	3,380	1,670	1,710
Covington	37,524	18,212	19,312	31,576	15,442	16,134	5,948	2,770	3,178
Crenshaw	13,083	6,414	6,669	9,388	4,618	4,770	3,695	1,796	1,899
Cullman	89,496	44,471	45,025	85,692	42,503	43,189	3,804	1,968	1,836
Dale	49,342	24,255	25,087	35,992	18,045	17,947	13,350	6,210	7,140
Dallas	37,619	17,467	20,152	10,186	4,932	5,254	27,433	12,535	14,898
DeKalb	71,813	35,799	36,014	66,365	33,026	33,339	5,448	2,773	2,675
Elmore	89,304	43,461	45,843	67,305	32,705	34,600	21,999	10,756	11,243
Escambia	36,699	18,540	18,159	22,755	11,260	11,495	13,944	7,280	6,664
Etowah	103,162	50,255	52,907	82,973	40,622	42,351	20,189	9,633	10,556
Fayette	16,148	7,930	8,218	13,873	6,796	7,077	2,275	1,134	1,141
Franklin	32,013	16,054	15,959	29,213	14,561	14,652	2,800	1,493	1,307
Geneva	26,701	13,112	13,589	23,165	11,396	11,769	3,536	1,716	1,820
Greene	7,629	3,549	4,080	1,405	680	725	6,224	2,869	3,355
Hale	14,754	7,013	7,741	6,023	3,015	3,008	8,731	3,998	4,733
Henry	17,459	8,417	9,042	12,596	6,147	6,449	4,863	2,270	2,593
Houston	107,458	51,654	55,804	73,283	35,725	37,558	34,175	15,929	18,246
Jackson	52,773	26,052	26,721	48,162	23,774	24,388	4,611	2,278	2,333
Jefferson	667,820	317,019	350,801	351,604	171,668	179,936	316,216	145,351	170,865
Lamar	13,689	6,770	6,919	11,971	5,944	6,027	1,718	826	892
Lauderdale	94,043	45,416	48,627	81,554	39,542	42,012	12,489	5,874	6,615
Lawrence	33,090	16,281	16,809	26,000	12,874	13,126	7,090	3,407	3,683
Lee	177,218	87,445	89,773	125,172	62,571	62,601	52,046	24,874	27,172
Limestone	107,517	54,050	53,467	86,638	43,392	43,246	20,879	10,658	10,221
Lowndes	9,965	4,699	5,266	2,580	1,315	1,265	7,385	3,384	4,001
Macon	18,895	8,601	10,294	3,403	1,738	1,665	15,492	6,863	8,629
Madison	395,211	195,066	200,145	271,884	137,008	134,876	123,327	58,058	65,269
Marengo	18,996	8,950	10,046	8,826	4,333	4,493	10,170	4,617	5,553
Marion	29,246	14,644	14,602	27,307	13,535	13,772	1,939	1,109	830
Marshall	98,228	48,603	49,625	90,961	44,793	46,168	7,267	3,810	3,457
Mobile	413,073	197,164	215,909	241,735	118,123	123,612	171,338	79,041	92,297
Monroe	19,648	9,409	10,239	10,809	5,313	5,496	8,839	4,096	4,743
Montgomery	227,434	107,340	120,094	77,499	38,269	39,230	149,935	69,071	80,864
Morgan	123,668	61,113	62,555	101,855	50,495	51,360	21,813	10,618	11,195
Perry	8,355	3,882	4,473	2,522	1,235	1,287	5,833	2,647	3,186
Pickens	18,801	9,443	9,358	10,853	5,633	5,220	7,948	3,810	4,138
Pike	32,991	15,819	17,172	18,856	9,331	9,525	14,135	6,488	7,647
Randolph	21,989	10,689	11,300	17,209	8,448	8,761	4,780	2,241	2,539
Russell	58,722	28,007	30,715	28,816	14,122	14,694	29,906	13,885	16,021
St. Clair	92,748	46,060	46,688	80,389	39,750	40,639	12,359	6,310	6,049
Shelby	226,902	110,198	116,704	184,994	90,574	94,420	41,908	19,624	22,284
Sumter	12,164	5,606	6,558	3,182	1,524	1,658	8,982	4,082	4,900
Talladega	81,524	39,547	41,977	52,124	25,749	26,375	29,400	13,798	15,602
Tallapoosa	41,023	19,986	21,037	28,961	14,314	14,647	12,062	5,672	6,390
Tuscaloosa	227,007	109,458	117,549	144,457	71,625	72,832	82,550	37,833	44,717
Walker	64,818	31,757	33,061	58,895	28,856	30,039	5,923	2,901	3,022
Washington	15,147	7,417	7,730	10,059	5,006	5,053	5,088	2,411	2,677
Wilcox	10,446	4,918	5,528	2,930	1,444	1,486	7,516	3,474	4,042
Winston	23,652	11,691	11,961	22,686	11,196	11,490	966	495	471

¹ Mid-year population estimates provided by the U.S. Census Bureau.

TABLE 83
ESTIMATED POPULATION¹ BY AGE GROUP, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL POPULATION	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	5,039,877	3,472,742	1,713,205	1,759,537	1,567,135	734,894	832,241
0-4	291,802	181,598	93,294	88,304	110,204	56,067	54,137
5-9	307,465	197,575	101,105	96,470	109,890	55,311	54,579
10-14	326,763	211,305	108,322	102,983	115,458	58,690	56,768
15-19	323,584	210,656	107,825	102,831	112,928	56,446	56,482
20-24	329,131	211,883	107,336	104,547	117,248	56,855	60,393
25-29	324,499	209,307	105,626	103,681	115,192	55,899	59,293
30-34	331,924	218,919	108,755	110,164	113,005	53,618	59,387
35-39	312,505	211,260	105,479	105,781	101,245	46,228	55,017
40-44	308,820	209,665	105,100	104,565	99,155	44,896	54,259
45-49	301,395	209,997	105,281	104,716	91,398	41,157	50,241
50-54	320,799	230,203	116,270	113,933	90,596	41,240	49,356
55-59	336,754	242,464	120,681	121,783	94,290	42,926	51,364
60-64	335,619	243,234	119,356	123,878	92,385	41,268	51,117
65-69	294,377	216,707	103,596	113,111	77,670	33,863	43,807
70-74	247,567	190,360	88,897	101,463	57,207	24,576	32,631
75-79	160,361	128,206	57,497	70,709	32,155	13,158	18,997
80-84	101,310	81,547	34,398	47,149	19,763	7,532	12,231
85+	85,202	67,856	24,387	43,469	17,346	5,164	12,182

¹Mid-year population estimates provided by the U.S. Census Bureau.

TABLE 84

ESTIMATED POPULATION¹ BY COUNTY OF RESIDENCE, HISPANIC ORIGIN, RACE AND SEX, ALABAMA, 2021

COUNTY OF RESIDENCE	ALL RACES	NON-HISPANIC WHITE		NON-HISPANIC BLACK AND OTHER		HISPANIC		
	TOTAL	MALE	FEMALE	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	5,039,877	1,606,603	1,663,123	715,027	813,956	241,168	126,469	114,699
Autauga	59,095	21,002	21,815	6,693	7,619	1,966	1,038	928
Baldwin	239,294	96,718	102,252	13,717	15,021	11,586	5,987	5,599
Barbour	24,964	6,013	5,297	6,604	5,812	1,238	688	550
Bibb	22,477	8,499	8,036	3,244	2,004	694	391	303
Blount	59,041	25,159	25,811	1,121	1,124	5,826	3,127	2,699
Bullock	10,320	1,432	765	3,797	3,390	936	488	448
Butler	18,884	4,577	4,983	4,054	4,943	327	174	153
Calhoun	115,972	40,144	42,328	13,349	15,236	4,915	2,596	2,319
Chambers	34,541	9,183	9,696	6,818	7,835	1,009	557	452
Cherokee	24,996	11,300	11,464	896	854	482	242	240
Chilton	45,274	17,649	18,508	2,621	2,810	3,686	2,037	1,649
Choctaw	12,533	3,488	3,582	2,414	2,895	154	63	91
Clarke	22,760	5,730	5,991	4,922	5,783	334	174	160
Clay	14,190	5,632	5,778	1,094	1,221	465	253	212
Cleburne	15,103	6,888	7,074	346	384	411	216	195
Coffee	54,174	18,538	18,804	5,781	6,260	4,791	2,483	2,308
Colbert	57,474	21,547	22,872	5,147	5,971	1,937	1,003	934
Conecuh	11,328	2,836	2,823	2,466	2,891	312	156	156
Coosa	10,450	3,550	3,357	1,599	1,658	286	155	131
Covington	37,524	15,157	15,848	2,675	3,074	770	380	390
Crenshaw	13,083	4,476	4,665	1,760	1,860	322	178	144
Cullman	89,496	40,562	41,338	1,759	1,652	4,185	2,150	2,035
Dale	49,342	16,525	16,520	5,879	6,822	3,596	1,851	1,745
Dallas	37,619	4,809	5,158	12,409	14,800	443	249	194
DeKalb	71,813	28,019	28,715	1,872	1,867	11,340	5,908	5,432
Elmore	89,304	31,557	33,469	10,511	10,982	2,785	1,393	1,392
Escambia	36,699	10,859	11,189	7,127	6,552	972	554	418
Etowah	103,162	38,718	40,613	9,007	10,045	4,779	2,530	2,249
Fayette	16,148	6,646	6,950	1,100	1,114	338	184	154
Franklin	32,013	11,679	12,276	1,048	924	6,086	3,327	2,759
Geneva	26,701	10,852	11,250	1,606	1,748	1,245	654	591
Greene	7,629	633	692	2,834	3,323	147	82	65
Hale	14,754	2,930	2,940	3,968	4,686	230	115	115
Henry	17,459	5,953	6,272	2,214	2,544	476	250	226
Houston	107,458	34,120	36,076	15,516	17,829	3,917	2,018	1,899
Jackson	52,773	23,090	23,754	2,056	2,129	1,744	906	838
Jefferson	667,820	158,613	168,023	143,576	169,078	28,530	14,830	13,700
Lamar	13,689	5,818	5,928	789	867	287	163	124
Lauderdale	94,043	38,372	40,799	5,582	6,376	2,914	1,462	1,452
Lawrence	33,090	12,511	12,785	3,321	3,604	869	449	420
Lee	177,218	59,421	59,946	24,277	26,600	6,974	3,747	3,227
Limestone	107,517	40,341	40,415	10,133	9,686	6,942	3,576	3,366
Lowndes	9,965	1,268	1,221	3,339	3,944	193	92	101
Macon	18,895	1,618	1,591	6,769	8,529	388	214	174
Madison	395,211	127,638	126,137	56,330	63,485	21,621	11,098	10,523
Marengo	18,996	4,079	4,328	4,542	5,486	561	329	232
Marion	29,246	13,183	13,465	1,048	766	784	413	371
Marshall	98,228	37,644	39,913	2,746	2,600	15,325	8,213	7,112
Mobile	413,073	112,718	118,411	77,939	91,205	12,800	6,507	6,293
Monroe	19,648	5,185	5,386	4,050	4,697	330	174	156
Montgomery	227,434	34,752	36,019	68,032	79,836	8,795	4,556	4,239
Morgan	123,668	45,175	46,831	9,957	10,614	11,091	5,981	5,110
Perry	8,355	1,190	1,248	2,629	3,155	133	63	70
Pickens	18,801	5,076	4,914	3,723	4,048	1,040	644	396
Pike	32,991	9,008	9,285	6,374	7,518	806	437	369
Randolph	21,989	8,155	8,503	2,185	2,498	648	349	299
Russell	58,722	12,865	13,459	13,377	15,549	3,472	1,765	1,707
St. Clair	92,748	38,719	39,594	6,134	5,881	2,420	1,207	1,213
Shelby	226,902	84,144	88,428	19,043	21,734	13,553	7,011	6,542
Sumter	12,164	1,470	1,609	4,048	4,861	176	88	88
Talladega	81,524	24,763	25,717	13,520	15,416	2,108	1,264	844
Tallapoosa	41,023	13,911	14,271	5,499	6,272	1,070	576	494
Tuscaloosa	227,007	67,355	68,945	37,123	44,096	9,488	4,980	4,508
Walker	64,818	27,967	29,371	2,714	2,853	1,913	1,076	837
Washington	15,147	4,918	4,971	2,364	2,631	263	135	128
Wilcox	10,446	1,391	1,448	3,438	4,008	161	89	72
Winston	23,652	10,865	11,201	402	401	783	424	359

¹Mid-year population estimates provided by the U.S. Census Bureau.

TABLE 85
ESTIMATED POPULATION ¹ BY AGE GROUP, HISPANIC ORIGIN, RACE AND SEX
ALABAMA, 2021

AGE GROUP	TOTAL POPULATION	NON-HISPANIC WHITE		NON-HISPANIC BLACK AND OTHER		HISPANIC	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	5,039,877	1,606,603	1,663,123	715,027	813,956	126,469	114,699
0-4	291,802	82,206	77,682	53,406	51,577	13,749	13,182
5-9	307,465	90,083	85,683	53,327	52,541	13,006	12,825
10-14	326,763	96,314	91,354	56,607	54,720	14,091	13,677
15-19	323,584	97,867	93,353	54,544	54,805	11,860	11,155
20-24	329,131	99,392	97,167	55,320	59,008	9,479	8,765
25-29	324,499	98,818	97,424	54,623	58,072	8,084	7,478
30-34	331,924	101,156	103,772	52,124	58,109	9,093	7,670
35-39	312,505	97,193	99,077	44,774	53,803	9,740	7,918
40-44	308,820	97,516	98,256	43,479	53,124	9,001	7,444
45-49	301,395	98,614	99,244	40,083	49,348	7,741	6,365
50-54	320,799	110,913	109,740	40,367	48,577	6,230	4,972
55-59	336,754	116,580	118,484	42,208	50,738	4,819	3,925
60-64	335,619	116,299	121,295	40,693	50,641	3,632	3,059
65-69	294,377	101,545	111,314	33,495	43,450	2,419	2,154
70-74	247,567	87,583	100,159	24,378	32,397	1,512	1,538
75-79	160,361	56,726	69,860	13,021	18,848	908	998
80-84	101,310	33,919	46,505	7,454	12,127	557	748
85+	85,202	23,879	42,754	5,124	12,071	548	826

¹Mid-year population estimates provided by the U.S. Census Bureau.

Appendix A

Technical Notes

Definitions

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TECHNICAL NOTES

SOURCES OF DATA

Data in this publication are from certificates and reports filed with the Center for Health Statistics (CHS) in the Alabama Department of Public Health according to Alabama Vital Statistics Laws. The State Registrar of Vital Records enforces the laws and administers the system of vital statistics. Certificates (birth, death, marriage, and divorce) and reports (fetal death and induced termination of pregnancy) provide most of the information included in this publication. The statewide data for Alabama are also sent to the National Center for Health Statistics (NCHS) for inclusion in national reports and tabulations.

BIRTHS. If a birth occurs in a birthing hospital, the birth certificate is filed by that hospital with CHS. Information on a birth certificate is obtained from a parent and from medical files for the mother and infant. All birthing hospitals in Alabama use an internet-based Electronic Birth Registration System to complete and transmit birth certificates to CHS. If a birth occurs outside of a birthing hospital, the birth information is submitted by the parent or staff in non-birthing facility who is aware of the facts of birth. Because the legal requirements for certified copies of births have increased, 100 percent of all births are filed with CHS.

In 2014, CHS implemented the revised certificate of birth. Capturing data from the revised certificate now makes Alabama data more comparable with other states.

DEATHS. Mortality data are obtained from death certificates filed with CHS. In Alabama, the funeral director who first takes custody of the body is responsible for obtaining the demographic data from the next of kin and filing the death certificate. The medical certification is completed by the medical professional in charge of the care of the decedent for the illness or condition that resulted in death or by the county medical examiner or coroner. Registration of deaths is thought to be nearly 100 percent complete since the death certificate is needed by the next of kin for legal purposes. In addition, listings of deaths, which are independently prepared by funeral directors, coroners, hospitals, nursing homes and other institutions where deaths occur, are compared to certificates received to ensure that all deaths are filed.

In 2016, CHS implemented the revised certificate of death. Capturing data from the revised certificate now makes Alabama data more comparable with other states.

MARRIAGES. Starting August 29, 2019, marriage licenses are no longer issued and certified in Alabama. On and after that date, a marriage certificate is completed by the persons entering the marriage and delivered to a county probate court. The certificate is recorded by the probate court who forwards it to CHS. Marriage data are believed to be nearly 100 percent representative of valid marriage certificates recorded in the probate courts.

DIVORCES. Divorce certificates are prepared by the petitioner or his or her legal representatives and presented to the clerk of a court where divorces are granted. The court clerk completes the information certifying the divorce and forwards the certificate to CHS. While the law does require the divorce certificate to be filed before a divorce is granted, the

filing of these records may not be as complete as other vital records since court procedures vary.

FETAL DEATHS. Reports of fetal death are required to be filed with CHS if the fetus has advanced to or beyond the twentieth week of utero-gestation. If the fetal death occurs in an institution, the person in charge of the institution or his or her representative is responsible for filing the report. If the fetal death occurs outside of an institution, the medical professional/coroner who is aware of the fact of the event is responsible for filing the report. Since not all fetal deaths are medically attended, it is likely that there is some under-reporting of these events. Evidence indicates that reporting may be better in metropolitan counties.

In 2014, CHS implemented the revised report of fetal death. Capturing data from the revised report now makes Alabama data more comparable with other states.

INDUCED TERMINATIONS OF PREGNANCY. Since 1993, reports of induced termination of pregnancy have been required for all events occurring in Alabama. If the induced termination of pregnancy occurs in an institution, the person in charge of the institution is required to file the report. If the induced termination of pregnancy occurs outside of an institution, the physician in attendance is required to file the report. From September 1987 to December 1992, the only reporting requirement for induced terminations of pregnancy was for events to females under 18 years of age as part of the Parental Consent Act. The degree of completeness for these reports is not known. However, if CHS learns of institutions that are not aware of the reporting requirements, they are contacted, and reporting is immediately initiated.

OUT OF STATE EVENTS. To have complete data for state residents, offices of vital statistics in all states have entered into an agreement to share data for statistical purposes. When a report or certificate is filed for a vital event that occurred in Alabama to a resident of another state or Canada, Alabama notifies that government. Likewise, Alabama receives information and reports about events happening to Alabama residents in other states or in Canada. Data from these out of state events are included in the tabulations of resident data presented in this publication.

Most states send reports of out of state events to CHS on an ongoing basis, and these reports are believed to be complete since laws and procedures in other states are similar to Alabama's. The exceptions are reports of induced termination of pregnancy which have different reporting requirements in other states. Florida, a neighboring state, does not have a procedure for reporting induced terminations of pregnancy for Alabama residents to CHS. Since it is unknown how many Alabama residents might have these events in neighboring states, the number of reported induced terminations of pregnancy for Alabama residents might be somewhat low.

QUALITY AND COMPLETENESS OF DATA

Certificates and reports received at CHS are reviewed to ensure all information has been entered correctly. If records are found to be incomplete or completed improperly, queries are submitted to obtain the information. Once the information is accurate and consistent, the record is accepted into the official vital records files for Alabama.

Data for 100 percent of the births and fetal deaths are submitted by hospitals through the Electronic Birth Registration System. This electronic system contains edits and consistency checks to verify data prior to being submitted.

Data for approximately 98 percent of the deaths were submitted through the Electronic Death Registration System in 2021. This electronic system contains edits and consistency checks to verify data prior to being submitted. The remainder of the deaths are filed using paper certificates. These certificates are manually checked for accuracy and completeness. If data are incomplete or missing, the provider is queried and asked to verify the information provided or to furnish the correct data. Once these certificates are complete, they are keyed into a computer database by CHS staff.

Data for approximately 96 percent of the divorces are received electronically from the Administrative Office of Courts. The remainder of the divorces are filed using the paper certificate. These certificates are manually checked for accuracy and completeness. If data are incomplete or missing, the provider is queried and asked to verify the information provided or to furnish the correct data. Once these certificates or reports are complete, they are keyed into a computer database by CHS staff.

Data for induced terminations of pregnancy and marriages are manually checked for accuracy and completeness. If data are incomplete or missing, the provider is queried and asked to verify the information provided or to furnish the correct data. Once these certificates or reports are complete, they are keyed into a computer database by CHS staff.

Numerous edits and consistency checks are performed on all computer files to ensure the data are as accurate as possible. Additional procedures cross check that all births and deaths are reported, particularly infant deaths.

RESIDENCE DATA

Unless specifically noted otherwise, data from vital events in this publication are reported according to the county or place of residence where the person, patient or decedent actually lived. Birth, fetal death and induced termination of pregnancy statistics are reported according to the mother's residence. Deaths are reported by the residence of the decedent. The exceptions are marriage and divorce data that are reported by the residence of the decedent. The exceptions are marriage and divorce data that are reported according to the county where the marriage certificate was issued, or the divorce was finalized.

Vital events for Alabama residents occurring in other states and Canada are also included in the residence data in this publication. See discussion under SOURCES OF DATA – OUT OF STATE EVENTS.

POPULATION DENOMINATORS

Different population denominators have been used in this publication depending on the year. For 1990, 2000, 2010, and 2020, actual Census counts were used for the denominators for the rates. For the years 1991 through 1999, the population figures used were prepared by the Alabama State Data Center, Center for Business and Economic Research, University of Alabama (CBER) projecting forward from the 1990 Census. Caution should be used in comparing rates over time, since the further away from the Census, the less accurate the populations and associated rates become. Based on 2000 Census data,

the CBER population projections for the late 1990s appear to be too low, and thus the rates for those years may be too high.

Population figures used to calculate rates for 2001 and 2002 were again from projections provided by CBER. These population figures were based on 2000 U.S. Census counts and projecting forward. Beginning in 2003, U.S. Census estimates (rather than CBER projections) were used for population denominators in CHS publications.

The rates in this publication may not be the same as those given in other publications if population data are from a different source. For the years between decennial national Censuses, the National Center for Health Statistics (NCHS) calculates crude rates using population estimates provided by the U.S. Census Bureau. These figures are calculated in retrospect based on various housing, labor and vital statistics.

RACE

Birth, fetal death and induced termination of pregnancy statistics are reported according to the race of the mother since many of the health conditions related to these events are directly associated with the mother. Deaths are reported by the race of the decedent. Infant deaths are also tabulated by the race of the infant. However, the infant mortality rates, with the number of births used as the denominator, are based on the race of the mother. Data for marriages and divorces are shown for both parties to the event.

RACE IN MARRIAGE, DIVORCE AND INDUCED TERMINATION OF PREGNANCY. For processing purposes, 10 racial groups were used: White, Black, American Indian, Chinese, Japanese, Hawaiian, Filipino, Other Asian or Pacific Islander, other entries and unknown race. However, for tables shown in this publication, these groups are consolidated into “White” and “Black and Other”. “White” encompasses Mexican, Puerto Rican, Cajun, Creole and Other Caucasian. The “Black and Other” group includes Black, American Indian, Chinese, Japanese, Hawaiian, Filipino and Other Asian or Pacific Islander. Events of unknown race are included in the “White” category.

RACE IN LIVE BIRTH, DEATH AND FETAL DEATH. In 2014, Alabama implemented the most recent NCHS revisions of the U.S. Standard Certificate of Live Birth and Fetal Death which allows parent(s) to select more than one race. In 2016, Alabama implemented the most recent NCHS revisions of the U.S. Standard Certificate of Death which allows informant(s) to select more than one race for decedent. Twenty racial groupings are now used: White, Black, American Indian, Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Hawaiian, Other Asian or Pacific Islander, Guamanian or Chamorro, Samoan, other entries, Bridged White, Bridged Black, Bridged American Indian/Alaska Native, Bridged Asian/Pacific Islander and unknown race. However, for tables shown in this publication, these groups are consolidated into two categories: “White” and “Black and Other”. “White” encompasses Mexican, Puerto Rican, Cajun, Creole, Other Caucasian and Bridged White. The “Black and Other” group includes Black, American Indian, Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Hawaiian, Other Asian or Pacific Islander, Guamanian or Chamorro, Samoan, other entries, Bridged Black, Bridged American Indian/Alaska Native and Bridged Asian/Pacific Islander. Events of unknown race are included in the “White” category.

Population figures from the 2021 Census show the population for Alabama as 69.0 percent White, 26.8 percent Black and 4.2 percent other races. Just under two percent of the population reported two or more races and were included in the “Black and Other” population for tables shown in this publication.

CAUSE OF DEATH

Alabama law requires the physician in charge of the care of the patient for the illness or condition that resulted in death to complete the medical certification section on the death certificate. The physician is requested to state the diseases or conditions that caused the death and other significant conditions contributing to death. If a death occurs with no medical professional in charge of the patient’s care, the county coroner, or in a few counties, the medical examiner is responsible for determining the cause of death.

CLASSIFICATION. For tabulation purposes, causes of death are coded according to the *International Classification of Diseases*¹ (ICD) which provides the essential ground rules for the coding and classification of cause of death data. ICD was developed collaboratively between the World Health Organization (WHO) and 10 international centers, one of which is housed at NCHS. The purpose of ICD is to promote international comparability in the collection, classification, processing and presentation of health statistics. The United States is required to use ICD under an agreement with WHO that has the force of an international treaty.

Besides being a classification system for the cause of death, ICD includes coding rules. These rules identify the single condition on the death certificate considered most informative from a public health point of view, called the *underlying cause of death*. The underlying cause is the disease or injury initiating the sequence of events that led directly to death or the circumstances of the accident or violence that produced the fatal injury.

Cause of death data in this publication are coded according to procedures established by NCHS². Starting with death records for 1999, cause of death data are processed through computer software programs from NCHS which allow CHS staff to enter the literal information provided by the physician or coroner in the medical certification section of the death certificate. The software programs are written to apply WHO rules to select the underlying cause of death from all the conditions given on the death certificate. Tables in this publication contain the underlying cause of death as determined through these procedures.

TABULATION LISTS AND CAUSE OF DEATH RANKINGS. For dissemination and presentation of data, NCHS developed several tabulation lists which group causes of death codes into categories that are of public health interest and medical importance. The lists have increasing levels of detail or are for specific categories of death and are published in Part 9 of the NCHS Instruction Manual Series³. Certain groups of causes on these lists are used for ranking causes of death to determine the leading causes of death. Starting with 1999 data, the list most widely used to identify and rank the leading causes of death in the United States is the *ICD-10 List of 113 Selected Causes of Death*. This list replaces the *ICD-9 List of 72 Selected Causes of Death* used from 1979 through 1998. A condensed list of selected causes was also developed to present cause of death data in Alabama.

CHANGE IN ICD. The ICD has been revised approximately once every 10 years to stay abreast with advances in medical science and to ensure the international comparability

of health statistics. The tenth and most recent revision, known as the ICD-10, was first used to classify deaths that occurred on January 1, 1999 and after. The previous version, the ICD-9, was used from 1979 through 1998. The ICD-10 is much more detailed with about 8,000 possible categories for cause of death compared with 4,000 categories in the previous version. For the first time, the ICD-10 uses alphanumeric codes. In the tenth revision of the ICD, cause of death titles have been changed and conditions have been regrouped. Some coding rules have also been changed. In addition, ICD-10 tabulation lists used in publications have also changed, so mortality data prepared under different revisions of the ICD may not be comparable.

COMPARISON OF CAUSE OF DEATH DATA. Changes in moving to a new revision of the ICD can cause major discontinuities in trend data for certain causes of death. To understand the changes in mortality rates that are simply due to the new ICD revision, NCHS double codes a large sample of deaths under each revision to develop *comparability ratios*. This is simply the ratio of deaths coded under the new revision (ICD-10) divided by the number under the old revision (ICD-9) for a particular cause of death. These ratios are given in Robert Anderson, *et. al.*, *Comparability of Cause of Death between ICD-9 and ICD-10: Preliminary Estimates*, Hyattsville, MD, National Vital Statistics Reports, Volume 49, Number 2, May 18, 2001. Comparability ratios can be applied to specific cause of death groups that were coded under ICD-9 to see how many deaths in that specific group would result if those same deaths had been coded under the new ICD-10. Application of the comparability ratios is crucial in time trend analyses. For additional information on comparability ratios, see the NCHS web site at www.cdc.gov/nchs.

HANDLING OF UNKNOWNNS

Items with a missing value or a response of “unknown” are shown as “not stated” in tables of frequency distributions and are included in totals and subtotals. However, for calculation of rates and ratios, “unknowns” are subtracted from denominators before calculations are made.

The only exceptions to this rule are for race, sex and county of residence. Events with race “unknown” are included with “White” for tabulation purposes. If sex cannot be determined, sex is considered male if the date of the event is odd and female if the day is even. Events with county of residence “unknown” are included in the statewide number. Therefore, the statewide number may be higher than the combined county numbers.

DATA TECHNIQUES

Data in this publication are generally presented as frequencies, rates, ratios, and percentages. Frequency distributions tell how many times an event occurred for a particular population. For purposes of comparison, rates, ratios and percentages are provided to standardize the figures. A ratio is a comparison of two quantities and is generally expressed as a fraction. A rate is the number of times having a certain characteristic divided by the total number of items. Rates are generally expressed to a standard base of 100, 1,000, or 100,000. Percentages are rates standardized to a base of 100. Rounding errors may exist because of the estimation techniques.

Demographic rates make all populations equal in size. Demographic rates such as the death rate and birth rate are calculated by dividing the number of events in a given period

by the population at risk during that period. Thus, rates give the number of events per person, or the average. By standardizing all populations to the same size, we eliminate one factor that makes comparisons among areas difficult.

The base of demographic rate may be the total population or a sub population. Rates based on the total population are called crude rates. Others are called specific rates such as age-specific rates used for children or teenage populations or the sex-specific rate for prostate cancer. For information on specific calculations, see Appendix B – ALABAMA VITAL STATISTICS FORMULAS.

SMALL NUMBER LIMITATIONS

When using vital events data for studying small geographic areas or for examining specific medical or social factors, the number of events reported in a given year may be very small. Understanding the statistical limitations of small numbers is important in conducting analyses. Any time something is measured, error is almost inevitable. Error can be based on the accuracy of the reports, or alternately, the number of the events or the size of the population. Some error is random, and when the numbers are very large, random error does not affect the usefulness of the data. However, when the number of vital events is very small or the population of the area is very low, random errors in data collection, or even randomly occurring events, can cause drastic fluctuations in rates.

One way to counteract random error is to increase the number of years or enlarge the area being studied. Otherwise, calculations may be correct, but of very limited practical value. In this publication, rates are given regardless of their stability; however, for rates based on very small numbers, warnings are issued in the footnotes.

REFERENCES

¹ World Health Organization. "International Statistical Classification of Diseases and Related Health Problems, Tenth Revision." Geneva: World Health Organization, 1992.

² National Center for Health Statistics. "NCHS Instruction Manual, Part 2a, Vital Statistics, Instructions for Classifying the Underlying Causes of Death." Hyattsville, Maryland: Public Health Service, published annually.

³ National Center for Health Statistics, Centers for Disease Control and Prevention. "Instruction Manual Part 9, ICD-10 Cause-of-Death Lists for Tabulation Mortality Statistics, Effective 1999." Hyattsville, Maryland: October 1997.

DEFINITIONS

Some definitions used in this publication may vary in meaning among states or nations. Also, some subjects change in definition over time. Center for Health Statistics definitions are consistent for all publications within a given year and are generally the same definitions used by the National Center for Health Statistics. However, a data user should always compare definitions across geographical areas and times.

ABORTION - See INDUCED TERMINATION OF PREGNANCY. In this publication, the terms *abortion* and *induced termination of pregnancy* are used synonymously.

ADEQUACY OF PRENATAL CARE UTILIZATION INDEX (APNCU) - This index, also known as the Kotelchuck Index of Prenatal Care, was designed as an improvement on the Kessner Index. It has 5 values: 1 = adequate plus, 2 = adequate, 3 = intermediate, 4 = inadequate and 5 = unknown. Its major advantage is that it divides the adequate into two categories. Those with adequate plus had other risk factors, which increased the number of visits. The index can serve as an indicator that some medical condition required additional prenatal care. [Kotelchuck M., "An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index", *American Journal of Public Health*, 1994, 84(9):1414-20.]

ANNULMENT - "To nullify, to abolish, to make void by competent authority. An annulment differs from a divorce in that a divorce terminates a legal status, whereas an annulment establishes that a marital status never existed." *Black's Law Dictionary, Sixth Edition*. In this publication, annulments are included with divorces for rate calculation purposes and are available only by place of occurrence.

BIRTH - See LIVE BIRTH. In this publication, the terms *live birth* and *birth* are used synonymously.

BIRTH INTERVAL - The period from the date of the current birth to the date of the last termination of pregnancy, birth or otherwise.

BIRTH ORDER - The numeric relationship of a child to other children born alive to that mother.

CAUSE OF DEATH - The cause of death presented in this publication is the "underlying cause" which is defined as the cause deemed responsible for the sequence of morbid events leading directly to death or the circumstances of the accident or violence that produced the fatal injury. Deaths, by cause, are classified according to the *International Classification of Diseases (ICD), Tenth Revision*, following instructions established by the National Center for Health Statistics. See Appendix C for the compilation lists and ICD-10 codes used for the leading cause of death.

DEATH - Death is defined in *Black's Law Dictionary, Sixth Edition* as "the cessation of life; permanent cessations of all vital functions and signs." For definitions of the determination of death under other than general circumstances, the *Code of Alabama* should be consulted.

DIVORCE - A court decree dissolving a marital relationship. A divorce from bed and board is a separation from cohabitation which does not otherwise affect the marriage and is not included in this publication. See *Code of Alabama* for additional information. For rate calculation purposes in this publication, divorces include annulments and are reported by the county where the divorce occurred.

ESTIMATED PREGNANCIES - The sum of births, induced terminations of pregnancy and estimated total fetal losses. Rounding errors may exist because of the estimation techniques.

ESTIMATED TOTAL FETAL LOSSES - This term, which is a component used in determining the number of estimated pregnancies, is an estimate of the total number of fetal losses regardless of the gestational age of the fetus. Estimated total fetal losses are equal to the sum of 20 percent of births and 10 percent of induced terminations of pregnancy. This formula was developed by the Alan Guttmacher Institute and is widely accepted and used. Rounding errors may exist because of the estimation techniques. Estimated total fetal losses should be distinguished from the term fetal deaths as used in this publication.

FETAL DEATH - "Death prior to the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy and which is not an induced termination of pregnancy. The death is indicated by the fact that after the expulsion or extraction the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps." *Code of Alabama, 1975, Section 22-9A-1*. While the definition of fetal death includes all gestations, only fetal deaths that have advanced to or are beyond the twentieth week of utero-gestation are required to be reported under Alabama law and are the only ones counted as fetal deaths in this publication.

GESTATION - The period of development from the time of fertilization of the ovum to birth. In these publications, the terms *gestation* and *utero-gestation* are used synonymously.

INDUCED TERMINATION OF PREGNANCY - "The purposeful interruption of an intrauterine pregnancy with the intention other than to produce a liveborn infant and which does not result in a live birth. This definition excludes management of prolonged retention of products of conception following fetal death." *Code of Alabama, 1975, Section 22-9A-1*. In these publications, the terms *induced termination of pregnancy* and *abortion* are used synonymously.

INFANT DEATH - Death of a live born infant before one year of age.

INTERNATIONAL CLASSIFICATION OF DISEASES (ICD) - A publication of the World Health Organization (WHO) that provides the essential ground rules for the coding and classification of cause of death data. The purpose of the ICD and of WHO sponsorship is to promote international comparability in the collection, classification, processing and presentation of health statistics. In addition to being a classification system, the rules provide for identification of a single condition on the death certificate that is considered most informative from a public health point of view, called the underlying cause of death.

LIVE BIRTH - "The complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of the pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps." *Code of Alabama, 1975, Section 22-9A-1*. In these publications, the terms *live birth* and *birth* are used synonymously.

LOW BIRTH WEIGHT - A weight at birth of under 2,500 grams or under five pounds and eight ounces.

MARRIAGE - The legal union of two persons which establishes their relationship as spouses. Marriage data are reported by the county where the marriage license was issued (prior to August 29, 2019) or the county where the marriage certificate was recorded (on or after August 29, 2019).

MATERNAL DEATH - Defined by WHO as "the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of pregnancy from any cause of the pregnancy or its management, but not from accidental or incidental causes." Included in these deaths are ICD-10 codes A34, O00-O95 and O98-O99.

NEONATAL DEATH - Death of a liveborn infant occurring within the first 27 days of life.

OCCURRENCE DATA - Data compiled as to the geographical place where the event occurred.

PERINATAL DEATH - Death of a fetus of 28 or more weeks gestation or death of a liveborn infant under seven days of age. Note that several other definitions of this term exist.

POSTNEONATAL DEATH - Death of a liveborn infant after the first 27 days of age but before one year of age.

RESIDENT DATA - Data compiled as to the place of residence without regard to the geographical place where the event occurred. For births and fetal deaths, place of residence of mother is used.

TEENAGE - In this publication, persons aged 10 years through 19 years.

TOTAL FERTILITY RATE - The estimated number of births a group of females would have by the end of their reproductive lifetimes if the age-specific birth rates in a given year continued throughout their childbearing years. The total fertility rate is the sum of the age-specific birth rates multiplied by their respective five-year age intervals. In this publication, the rates indicate the average expected number of children that would be born per 1,000 females aged 15-44 in the specified population.

VERY LOW BIRTH WEIGHT - A weight at birth of under 1,500 grams or under three pounds and five ounces.

Appendix B

Formulas

Adequacy of Prenatal Care Utilization Index

Grams Conversion Table

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FORMULAS

$$\text{ABORTION RATE} = \frac{\text{Number of Abortions}}{\text{Estimated Female Population Aged 15-44}} \times 1,000$$

$$\text{AGE-SPECIFIC BIRTH RATE} = \frac{\text{Number of Live Births to Females in Specific Age Group}}{\text{Estimated Female Population in Specific Age Group}} \times 1,000$$

$$\text{AGE-SPECIFIC DEATH RATE} = \frac{\text{Number of Deaths for Specific Age Group}}{\text{Estimated Population in Specific Age Group}} \times 1,000$$

$$\text{AGE-SPECIFIC PREGNANCY RATE} = \frac{\text{Number of Live Births to Females in Specific Age Group} + \text{Abortions to Females in Specific Age Group} + \text{Total Estimated Fetal Losses to Females in Specific Age Group}}{\text{Estimated Female Population in Specific Age Group}} \times 1,000$$

$$\text{BIRTH RATE or CRUDE BIRTH RATE} = \frac{\text{Number of Live Births}}{\text{Estimated Midyear Population}} \times 1,000$$

$$\text{CAUSE-SPECIFIC DEATH RATE} = \frac{\text{Number of Deaths for Specific Cause}}{\text{Estimated Midyear Population}} \times 100,000$$

$$\text{CAUSE-SPECIFIC INFANT MORTALITY RATE} = \frac{\text{Number of Deaths Before One Year of Age for Specific Cause}}{\text{Number of Live Births}} \times 100,000$$

$$\text{CESAREAN DELIVERY RATE} = \frac{\text{Number of Live Births Delivered by Primary Cesarean} + \text{Number of Live Births Delivered by Repeat Cesarean}}{\text{Number of Live Births with Known Methods of Delivery}} \times 100$$

$$\text{DEATH RATE or CRUDE DEATH RATE} = \frac{\text{Number of Deaths}}{\text{Estimated Midyear Population}} \times 1,000$$

$$\text{DIVORCE RATE (DISSOLUTION)} = \frac{\text{Number of Divorces and Annulments}}{\text{Estimated Midyear Population}} \times 1,000$$

FORMULAS (Continued)

ESTIMATED PREGNANCIES = Number of Live Births + Number of Abortions
+ Estimated Total Fetal Losses

ESTIMATED TOTAL FETAL LOSSES = 20 Percent of Live Births + 10 Percent of Abortions

FETAL DEATH RATIO* =
$$\frac{\text{Number of Fetal Deaths 20 or More Weeks in Gestation}}{\text{Number of Live Births}} \times 1,000$$

*The definition of a fetal death varies from state to state. Caution should be exercised in comparing this ratio between states.

GENERAL FERTILITY RATE =
$$\frac{\text{Number of Live Births}}{\text{Estimated Female Population Aged 15-44}} \times 1,000$$

INFANT MORTALITY RATE =
$$\frac{\text{Number of Deaths Before One Year of Age}}{\text{Number of Live Births}} \times 1,000$$

MARRIAGE RATE =
$$\frac{\text{Number of Marriages}}{\text{Estimated Midyear Population}} \times 1,000$$

MONTHLY BIRTH RATE =
$$\frac{\text{Number of Live Births During Month}}{(\text{Number of Days in Month/Number of Days in Year}) \times \text{Estimated Midyear Population}} \times 1,000$$

MONTHLY DEATH RATE =
$$\frac{\text{Number of Deaths During Month}}{(\text{Number of Days in Month/Number of Days in Year}) \times \text{Estimated Midyear Population}} \times 1,000$$

MONTHLY MARRIAGE RATE =
$$\frac{\text{Number of Marriages During Month}}{(\text{Number of Days in Month/Number of Days in Year}) \times \text{Estimated Midyear Population}} \times 1,000$$

NEONATAL MORTALITY RATE =
$$\frac{\text{Number of Deaths Under 28 Days of Age}}{\text{Number of Live Births}} \times 1,000$$

FORMULAS (Continued)

POSTNEONATAL MORTALITY RATE =
$$\frac{\text{Number of Deaths 28 or More Days But Before One Year of Age}}{\text{Number of Live Births}} \times 1,000$$

PREGNANCY RATE =
$$\frac{\text{Number of Live Births} + \text{Number of Abortions} + \text{Estimated Total Fetal Losses}}{\text{Estimated Female Population Aged 15-44}} \times 1,000$$

TEENAGE ABORTION RATE =
$$\frac{\text{Number of Abortions to Females Aged 10-19}}{\text{Estimated Female Population Aged 10-19}} \times 1,000$$

TEENAGE BIRTH RATE =
$$\frac{\text{Number of Live Births to Females Aged 10-19}}{\text{Estimated Female Population Aged 10-19}} \times 1,000$$

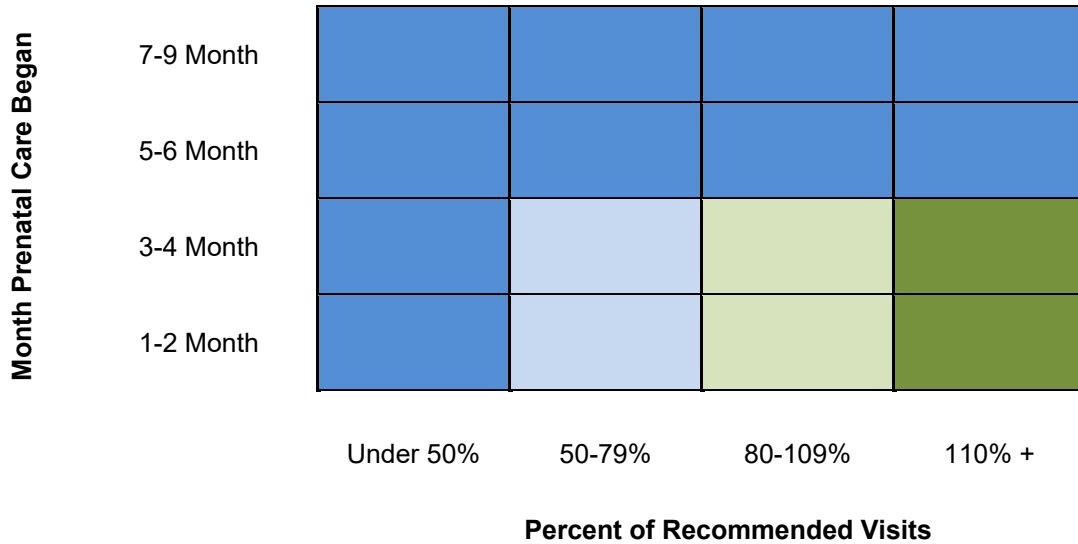
TEENAGE PREGNANCY RATE =
$$\frac{\begin{aligned} &\text{Number of Live Births to Females Aged 10-19} \\ &+ \text{Number of Abortions to Females Aged 10-19} \\ &+ \text{Estimated Total Fetal Losses to Females Aged 10-19} \end{aligned}}{\text{Estimated Female Population Aged 10-19}} \times 1,000$$

TOTAL FERTILITY RATE* =
$$\begin{aligned} &(\text{Age-Specific Birth Rate for Females Aged 15-19 X Age Interval in Age Group}) + (\text{Age-Specific Birth Rate for Females Aged 20-24 X Age Interval in Age Group}) + (\text{Age-Specific Birth Rate for Females Aged 25-29 X Age Interval in Age Group}) + (\text{Age-Specific Birth Rate for Females Aged 30-34 X Age Interval in Age Group}) + (\text{Age-Specific Birth Rate for Females Aged 35-39 X Age Interval in Age Group}) + (\text{Age-Specific Birth Rate for Females Aged 40-44 X Age Interval in Age Group}) \end{aligned}$$

*Some states, including Alabama, do not consider age groups 10-14 and 45-49 in this computation. Caution should be exercised in comparing total fertility rates.

VAGINAL BIRTH AFTER CESAREAN RATE =
$$\frac{\text{Number of Vaginal Live Births after Cesarean}}{\begin{aligned} &\text{Number of Live Births with a Vaginal Live Birth after Cesarean} \\ &+ \text{Number of Live Births with a Repeat Cesarean} \end{aligned}} \times 1,000$$

The Summary of Adequacy of Prenatal Care Utilization Index (APNCU) or Kotelchuck Index ¹



- Inadequate** - Prenatal care began after 4th month, or less than 50% of recommended visits. Do not include no prenatal care received.

- Intermediate** - Prenatal care began by 4th month, and 50% - 79% of recommended visits.

- Adequate** - Prenatal care began by 4th month, and 80% - 109% of recommended visits.

- Adequate Plus** - Prenatal care began by 4th month, and 110% or more of recommended visits.

¹ Adapted from Kotelchuck M., "An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index", *American Journal of Public Health*, 1994, 84(9): 1414-20.

GRAMS CONVERSION TABLE

O U N C E S																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
P O U N D S	0	–	28	57	85	113	142	170	198	227	255	284	312	340	369	397	425	0
	1	454	482	510	539	567	595	624	652	680	709	737	765	794	822	851	879	1
	2	907	936	964	992	1021	1049	1077	1106	1134	1162	1191	1219	1247	1276	1304	1332	2
	3	1361	1389	1418	1446	1474	1503	1531	1559	1588	1616	1644	1673	1701	1729	1758	1786	3
	4	1814	1843	1871	1899	1928	1956	1985	2013	2041	2070	2098	2126	2155	2183	2211	2240	4
	5	2268	2296	2325	2353	2381	2410	2438	2466	2495	2523	2552	2580	2608	2637	2665	2693	5
	6	2722	2750	2778	2807	2835	2863	2892	2920	2948	2977	3005	3033	3062	3090	3119	3147	6
	7	3175	3204	3232	3260	3289	3317	3345	3374	3402	3430	3459	3487	3515	3544	3572	3600	7
	8	3629	3657	3686	3714	3742	3771	3799	3827	3856	3884	3912	3941	3969	3997	4026	4054	8
	9	4082	4111	4139	4167	4196	4224	4253	4281	4309	4338	4366	4394	4423	4451	4479	4508	9
	10	4536	4564	4593	4621	4649	4678	4706	4734	4763	4791	4820	4848	4876	4905	4933	4961	10
	11	4990	5018	5046	5075	5103	5131	5160	5188	5216	5245	5273	5301	5330	5358	5387	5415	11
	12	5443	5472	5500	5528	5557	5585	5613	5642	5670	5698	5727	5755	5783	5812	5840	5868	12
	13	5897	5925	5954	5982	6010	6039	6067	6095	6124	6152	6180	6209	6237	6265	6294	6322	13
	14	6350	6379	6407	6435	6464	6492	6521	6549	6577	6606	6634	6662	6691	6719	6747	6776	14
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
O U N C E S																		

Appendix C

CAUSE OF DEATH LISTS

NCHS 113 Selected Causes of Death

Selected Causes of Infant Death

NCHS 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD-10 CODE
Salmonella infections #	A01-A02
Shigellosis and amebiasis #	A03, A06
Certain other intestinal infections	A04, A07-A09
Tuberculosis#	A16-A19
Respiratory tuberculosis	A16
Other tuberculosis	A17-A19
Whooping cough #	A37
Scarlet fever and erysipelas #	A38, A46
Meningococcal infection #	A39
Septicemia #	A40-A41
Syphilis #	A50-A53
Acute poliomyelitis #	A80
Arthropod-borne viral encephalitis #	A83-A84, A85.2
Measles #	B05
Viral hepatitis #	B15-B19
Human immunodeficiency virus (HIV) disease #	B20-B24
Malaria #	B50-B54
Other and unspecified infectious and parasitic diseases	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99, U071
Malignant neoplasms #	C00-C97
Lip, oral cavity and pharynx	C00-C14
Esophagus	C15
Stomach	C16
Colon, rectum and anus	C18-C21
Liver and intrahepatic bile ducts	C22
Pancreas	C25
Larynx	C32
Trachea, bronchus and lung	C33-C34
Skin	C43
Breast	C50
Cervix uteri	C53
Corpus uteri and uterus, part unspecified	C54-C55
Ovary	C56
Prostate	C61
Kidney and renal pelvis	C64-C65
Bladder	C67
Meninges, brain and other parts of central nervous system	C70-C72
Lymphoid, hematopoietic and related tissue	C81-C96
Hodgkin's disease	C81
Non-Hodgkin's lymphoma	C82-C85
Leukemia	C91-C95
Multiple myeloma and immunoproliferative neoplasms	C88, C90
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96

#Eligible to be a leading cause of death

NCHS 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD-10 CODE
All other and unspecified malignant neoplasms	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior #	D00-D48
Anemias #	D50-D64
Diabetes mellitus #	E10-E14
Nutritional deficiencies #	E40-E64
Malnutrition	E40-E46
Other nutritional deficiencies	E50-E64
Meningitis #	G00, G03
Parkinson's disease #	G20-G21
Alzheimer's disease #	G30
Major cardiovascular diseases	I00-I78
Diseases of the heart #	I00-I09, I11, I13, I20-I51
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09
Hypertensive heart disease	I11
Hypertensive heart and renal disease	I13
Ischemic heart diseases	I20-I25
Acute myocardial infarction	I21-I22
Other acute ischemic heart diseases	I24
Other forms of chronic ischemic heart disease	I20, I25
Atherosclerotic cardiovascular disease, so described	I25.0
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9
Other heart diseases	I26-I51
Acute and subacute endocarditis	I33
Diseases of pericardium and acute myocarditis	I30-I31, I40
Heart failure	I50
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51
Essential (primary) hypertension and hypertensive renal disease #	I10, I12
Cerebrovascular diseases #	I60-I69
Atherosclerosis #	I70
Other diseases of circulatory system	I71-I78
Aortic aneurysm and dissection #	I71
Other diseases of arteries, arterioles and capillaries	I72-I78
Other disorders of circulatory system	I80-I99
Influenza and pneumonia #	J09-J18
Influenza	J09-J11
Pneumonia	J12-J18
Other acute lower respiratory infections	J20-J22
Acute bronchitis and bronchiolitis #	J20-J21
Unspecified acute lower respiratory infection	J22
Chronic lower respiratory diseases #	J40-J47
Bronchitis, chronic and unspecified	J40-J42
Emphysema	J43
Asthma	J45-J46

#Eligible to be a leading cause of death

NCHS 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD-10 CODE
Other chronic lower respiratory diseases	J44, J47
Pneumoconioses and chemical effects #	J60-J66, J68
Pneumonitis due to solids and liquids #	J69
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98
Peptic ulcer #	K25-K28
Diseases of appendix #	K35-K38
Hernia #	K40-K46
Chronic liver disease and cirrhosis #	K70, K73-K74
Alcoholic liver disease	K70
Other chronic liver disease and cirrhosis	K73-K74
Cholelithiasis and other disorders of gallbladder #	K80-K82
Nephritis, nephrotic syndrome and nephrosis #	N00-N07, N17-N19, N25-N27
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26
Renal failure	N17-N19
Other disorders of kidney	N25, N27
Infections of kidney #	N10-N12, N13.6, N15.1
Hyperplasia of prostate #	N40
Inflammatory diseases of female pelvic organs #	N70-N76
Pregnancy, childbirth and the puerperium #	O00-O99
Pregnancy with abortive outcome	O00-O07
Other complications of pregnancy, childbirth and the puerperium	O10-O99
Certain conditions originating in the perinatal period #	P00-P96
Congenital malformations, deformations and chromosomal abnormalities #	Q00-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
All other diseases (residual)	D65-E07, E15-E34, E65-F99, G04-G12, G23-G25, G31-H93, K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N41-N64, N80-N98
Accidents (unintentional injuries) #	V01-X59, Y85-Y86
Transport accidents	V01-V99, Y85
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85
Nontransport accidents	W00-X59, Y86

#Eligible to be a leading cause of death

NCHS 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD-10 CODE
Falls	W00-W19
Accidental discharge of firearms	W32-W34
Accidental drowning and submersion	W65-W74
Accidental exposure to smoke, fire and flames	X00-X09
Accidental poisoning and exposure to noxious substances	X40-X49
Other and unspecified nontransport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
Intentional self-harm (suicide) #	X60-X84, Y87.0
Suicide by discharge of firearms	X72-X74
Suicide by other and unspecified means and their sequelae	X60-X71, X75-X84, Y87.0
Assault (homicide) #	X85-Y09, Y87.1
Homicide by discharge of firearms	X93-X95
Homicide by other and unspecified means and their sequelae	*U01.0-*U01.3, *U01.5-*U01.9, X85-X92, X96-Y09, Y87.1
Legal intervention	Y35, Y89.0
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9
Discharge of firearms, undetermined intent	Y22-Y24
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9
Operations of war and their sequelae #	Y36, Y89.1
Complications of medical and surgical care #	Y40-Y84, Y88

Eligible to be a leading cause of death

* Codes are not included in the *International Classification of Diseases, 10th Revision (ICD-10)*.

SELECTED CAUSES OF INFANT DEATH (A MODIFICATION OF THE NCHS 130 CAUSES)

CAUSE OF DEATH	ICD-10 CODE
Certain intestinal infectious diseases	A00-B99
Septicemia #	A40-A41
Viral diseases	A80-B34, U07.1
Other and unspecified infectious and parasitic diseases	A00-A39, A42-A79, B35-B99
Malignant neoplasms #	C00-C97
In situ neoplasms, benign neoplasms and uncertain or unknown behavior #	D00-D48
Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism #	D50-D89
Endocrine, nutritional and metabolic diseases	E00-E88
Volume depletion, disorders of fluid, electrolyte and acid base balance #	E86-E87
Other endocrine, nutritional and metabolic diseases	E00-E85, E88
Diseases of the nervous system	G00-G98
Meningitis #	G00, G03
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) #	G12.0
Infantile cerebral palsy #	G80
Anoxic brain damage, not elsewhere classified #	G93.1
Other and unspecified infectious and parasitic diseases	G01-G02, G04-G11, G12.1-G12.9, G13-G79, G81-G92, G93.0, G93.2-G93.9, G94-G98
Diseases of the circulatory system #	I00-I99
Pulmonary heart disease and diseases of pulmonary circulation	I26-I28
Cardiomyopathy	I42
Cardiac arrest	I46
Cerebrovascular diseases	I60-I69
Other diseases of the circulatory system	I00-I25, I29-I41, I43-I45, I47-I59, I70-I99
Diseases of the respiratory system	J00-J98
Influenza and pneumonia #	J09-J18
Acute bronchitis and acute bronchiolitis #	J20-J21
Other and unspecified diseases of the respiratory system	J00-J09, J19, J22-J98
Diseases of the digestive system	K00-K92
Gastritis, duodenitis, and noninfective enteritis and colitis #	K29, K50-K55
Hernia of abdominal cavity and intestinal obstruction without hernia #	K40-K46, K56
Other and unspecified diseases of digestive system	K00-K28, K30-K38, K57-K92
Diseases of the genitourinary system	N00-N98
Renal failure and other disorders of the kidney #	N17-N19, N25, N27
Other and unspecified diseases of genitourinary system	N00-N16, N20-N23, N26, N28-N95
Certain conditions originating in the perinatal period	P00-P96
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	P00-P04
Newborn affected by maternal hypertensive disorders #	P00.0
Newborn affected by other maternal conditions which may be unrelated to present pregnancy #	P00.1-P00.9
Newborn affected by maternal complications of pregnancy #	P01
Newborn affected by incompetent cervix	P01.0
Newborn affected by premature rupture of membranes	P01.1
Newborn affected by multiple pregnancy	P01.5

#Eligible to be a leading cause of death

SELECTED CAUSES OF INFANT DEATH (A MODIFICATION OF THE NCHS 130 CAUSES)

CAUSE OF DEATH	ICD-10 CODE
Newborn affected by other maternal complications of pregnancy	P01.2-P01.4, P01.6-P01.9
Newborn affected by complications of placenta, cord and membranes #	P02
Newborn affected by complications involving placenta	P02.0-P02.3
Newborn affected by complications involving cord	P02.4-P02.6
Newborn affected by chorioamnionitis	P02.7
Newborn affected by other and unspecified abnormalities of membranes	P02.8-P02.9
Newborn affected by other complications of labor and delivery #	P03
Newborn affected by noxious influences transmitted via placenta or breast milk	P04
Disorders related to length of gestation and fetal malnutrition	P05-P08
Disorders related to short gestation and low birth weight, not elsewhere classified #	P07
Extremely low birth weight or extreme immaturity	P07.0, P07.2
Other low birth weight or preterm	P07.1, P07.3
Other disorders related to length of gestation and fetal malnutrition	P05-P06, P08
Birth trauma #	P10-P15
Intrauterine hypoxia and birth asphyxia #	P20-P21
Intrauterine hypoxia	P20
Birth asphyxia	P21
Respiratory distress of newborn #	P22
Other respiratory conditions originating in the perinatal period	P23-P28
Congenital pneumonia #	P23
Neonatal aspiration syndromes #	P24
Interstitial emphysema and related conditions originating in the perinatal period #	P25
Pulmonary hemorrhage originating in the perinatal period #	P26
Chronic respiratory disease originating in the perinatal period #	P27
Atelectasis #	P28.0-P28.1
All other respiratory conditions originating in the perinatal period	P28.2-P28.9
Infections specific to the perinatal period	P35-P39
Bacterial sepsis of newborn	P36
All other infections specific to the perinatal period	P35, P37, P39
Hemorrhagic and hematological disorders of newborn	P50-P61
Neonatal hemorrhage #	P50-P52, P54
Other hemorrhagic and hematological disorders of newborn	P53, P55-P59
Hematological disorders #	P60-P61
Necrotizing enterocolitis of newborn #	P77
Hydrops fetalis not due to hemolytic disease #	P83.2
Other perinatal conditions	P29, P70.3-P70.9, P71-P76, P78-P81, P83.0-P83.1, P83.3-P83.9, P90-P96
Congenital malformations, deformations and chromosomal abnormalities #	Q00-Q99
Anencephaly and similar malformations	Q00
Congenital hydrocephalus	Q03
Spina bifida	Q05
Other congenital malformations of nervous system	Q01-Q02, Q04, Q06-Q07

#Eligible to be a leading cause of death

SELECTED CAUSES OF INFANT DEATH (A MODIFICATION OF THE NCHS 130 CAUSES)

CAUSE OF DEATH	ICD-10 CODE
Congenital malformations of the heart	Q20-Q24
Other congenital malformations of circulatory system	Q25-Q28
Congenital malformations of respiratory system	Q30-Q34
Congenital malformations of digestive system	Q35-Q45
Congenital malformations of genitourinary system	Q50-Q64
Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85
Down's syndrome	Q90
Edward's syndrome	Q91.0-Q91.3
Patau's syndrome	Q91.4-Q91.7
Other congenital malformations and deformations	Q10-Q18, Q86-Q89
Other chromosomal abnormalities, not elsewhere classified	Q92-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
Sudden infant death syndrome #	R95
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99
All other diseases (residual) of A00-R99	A00-R99 not listed above
External causes of mortality	V01-Y89
Accidents #	V01-X59
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Falls	W00-W19
Accidental discharge of firearms	W32-W34
Accidental drowning and submersion	W65-W74
Accidental suffocation and strangulation in bed	W75
Other accidental suffocation and strangulation	W76-W77, W81-W84
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	W78-W80
Accidents caused by exposure to smoke, fire and flames	X00-X09
Other and unspecified accidents and their sequelae	Residual of V01-X59
Homicide (assault) #	X85, Y09, Y87.1
Neglect, abandonment and other maltreatment syndrome	Y06-Y07
Homicide by other and unspecified means	*U01.0-*U01.3, *U01.5-*U01.9, X85-X90, X92, X96-Y05, Y08-Y09
Complications of medical and surgical care	Y40-Y84, Y88
Other external causes	Y60-X84, Y10-Y36, Y87.0, Y87.2, Y89

Eligible to be a leading cause of death

* Codes are not included in the *International Classification of Diseases, 10th Revision* (ICD-10).