ALABAMA VITAL STATISTICS

ALABAMA CENTER FOR HEALTH STATISTICS

ALABAMA PUBLIC HEALTH

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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 1994-2022 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 RATES[1] BY RACE[2]
ALABAMA AND UNITED STATES[3], 1970-2022

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S.	ALABAMA		U.S.	ALABAMA		U.S.
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	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
2022	58,162	11.5	11.0	40,018	11.5	10.8	18,144	11.5	11.8

[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 1990-2022 are by race of mother.

[3] U.S. rates (2007-2022) were obtained from CDC WONDER online database (https://wonder.cdc.gov/natality-current.html).

FIGURE 1. LIVE BIRTH RATES
ALABAMA AND UNITED STATES, 1970-2022

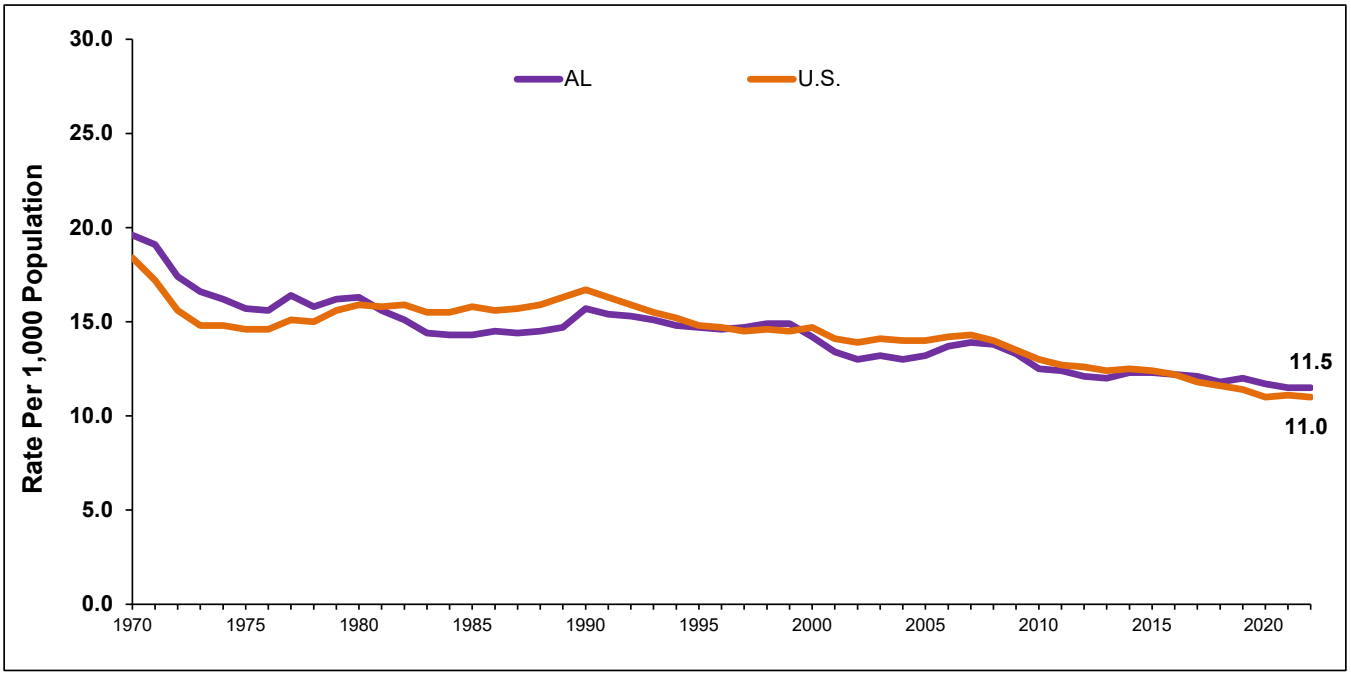


FIGURE 2. LIVE BIRTH RATES BY RACE OF MOTHER
ALABAMA, 1970-2022

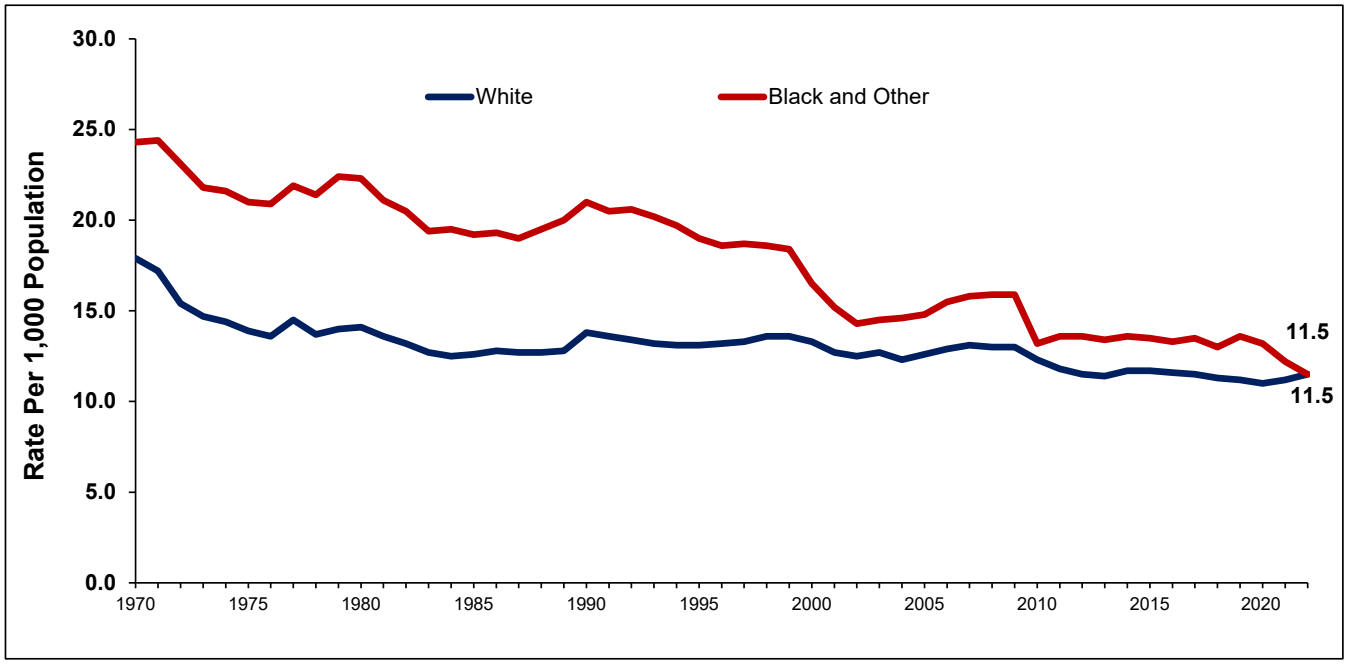


TABLE 2
RESIDENT BIRTHS AND BIRTH RATES[1] BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2022

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**58,162**	**11.5**	**40,018**	**11.5**	**18,144**	**11.5**
Autauga	728	12.2	543	12.1	185	12.3
Baldwin	2,533	10.3	2,142	9.9	391	12.6
Barbour	272	11.0	136	11.2	136	10.8
Bibb	246	11.2	188	11.2	58	11.2
Blount	692	11.6	669	11.8	23	8.4
Bullock	98	9.6	23	8.1	75	10.2
Butler	199	10.7	99	10.2	100	11.2
Calhoun	1,344	11.6	985	11.5	359	11.8
Chambers	406	11.9	252	13.0	154	10.4
Cherokee	220	8.7	209	8.9	11	6.0
Chilton	551	12.0	491	12.3	60	10.1
Choctaw	132	10.6	83	11.6	49	9.3
Clarke	298	13.2	157	13.3	141	13.2
Clay	168	11.8	137	11.6	31	12.9
Cleburne	192	12.5	184	12.7	8	9.4
Coffee	694	12.7	527	12.7	167	12.6
Colbert	614	10.6	516	11.1	98	8.6
Conecuh	131	11.7	74	12.9	57	10.4
Coosa	80	7.9	61	8.8	19	5.9
Covington	408	10.9	362	11.5	46	7.6
Crenshaw	162	12.4	121	13.0	41	11.1
Cullman	984	10.9	959	11.0	25	6.5
Dale	689	13.9	524	14.5	165	12.2
Dallas	411	11.2	85	8.5	326	12.2
DeKalb	826	11.5	762	11.5	64	11.7
Elmore	916	10.2	699	10.4	217	9.6
Escambia	432	11.8	286	12.5	146	10.6
Etowah	1,174	11.4	940	11.3	234	11.8
Fayette	167	10.4	150	10.8	17	7.5
Franklin	429	13.4	398	13.7	31	11.0
Geneva	298	11.1	277	11.9	21	5.8
Greene	77	10.4	16	11.8	61	10.0
Hale	216	14.8	89	14.8	127	14.8
Henry	174	9.9	128	10.0	46	9.5
Houston	1,258	11.6	790	10.7	468	13.6
Jackson	556	10.5	531	11.0	25	5.4
Jefferson	7,749	11.6	4,344	12.4	3,405	10.8
Lamar	174	12.7	158	13.2	16	9.1
Lauderdale	957	10.0	845	10.2	112	8.5
Lawrence	366	11.0	338	12.9	28	4.0
Lee	1,981	11.0	1,462	11.5	519	9.7
Limestone	1,186	10.7	1,042	11.7	144	6.5
Lowndes	104	10.6	22	8.9	82	11.2
Macon	142	7.7	26	7.8	116	7.6
Madison	4,516	11.2	3,104	11.3	1,412	11.0
Marengo	218	11.6	105	12.1	113	11.3
Marion	318	10.9	309	11.3	9	4.8
Marshall	1,549	15.6	1,235	13.4	314	41.5
Mobile	5,004	12.2	2,740	11.4	2,264	13.2
Monroe	221	11.4	130	12.2	91	10.4
Montgomery	2,940	13.0	981	13.0	1,959	13.0
Morgan	1,485	12.0	1,249	12.3	236	10.6
Perry	98	12.2	19	8.2	79	13.8
Pickens	192	10.3	104	9.5	88	11.3
Pike	373	11.3	202	10.7	171	12.1
Randolph	251	11.2	210	11.9	41	8.5
Russell	800	13.7	443	15.5	357	11.9
St. Clair	1,014	10.8	911	11.3	103	7.9
Shelby	2,443	10.6	2,033	10.9	410	9.4
Sumter	129	10.9	34	10.5	95	11.0
Talladega	870	10.8	580	11.2	290	10.1
Tallapoosa	361	8.8	235	8.1	126	10.6
Tuscaloosa	2,539	10.7	1,416	9.4	1,123	13.1
Walker	825	12.8	720	12.3	105	17.6
Washington	196	13.0	138	13.7	58	11.5
Wilcox	113	11.2	24	8.3	89	12.4
Winston	273	11.5	266	11.7	7	6.8

[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, 2022

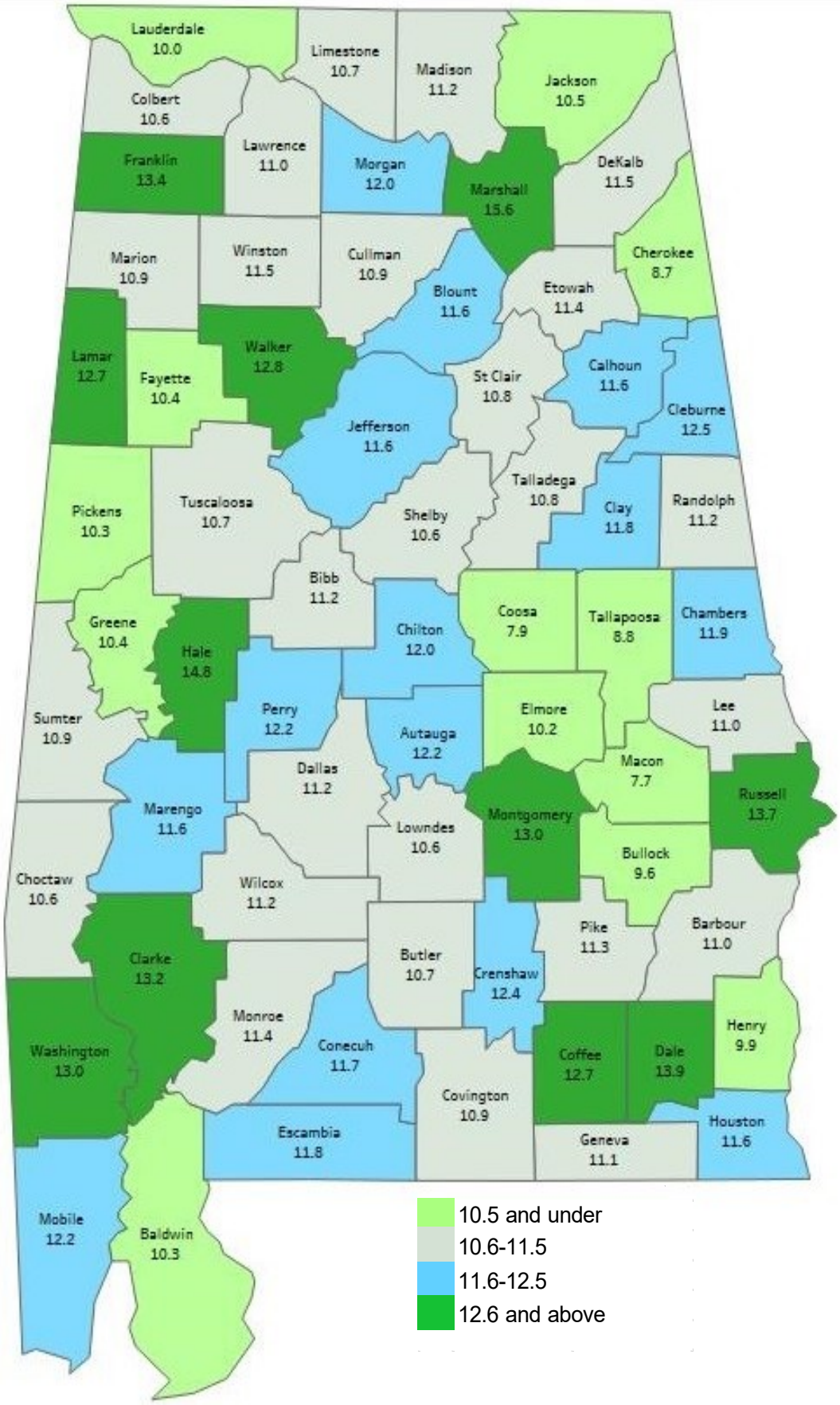


TABLE 3
RESIDENT BIRTHS BY PLURALITY
ALABAMA, 1980-2022

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
2022	58,162	56,087	2,034	41	0

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 HOSPITALS[1] OF OCCURRENCE WITH CESAREAN SECTION AND VAGINAL BIRTH AFTER CESAREAN RATES
ALABAMA, 2022

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	**56,710**	**36,182**	**916**	**12,001**	**7,605**	**6**	**34.6**	**10.7**
BALDWIN								
North Baldwin Infimary	168	90	1	38	39	0	45.8	2.5
South Baldwin Medical Center	635	452	4	136	43	0	28.2	8.5
Thomas Hospital	1,396	984	37	206	169	0	26.9	18.0
BIBB								
Bibb Medical Center	71	50	1	7	13	0	28.2	7.1
CALHOUN								
Regional Medical Center-Anniston	1,891	1,216	50	316	309	0	33.1	13.9
CLARKE								
Grove Hill Memorial Hospital	130	71	0	30	29	0	45.4	0.0
COFFEE								
Medical Center Enterprise	913	594	16	180	123	0	33.2	11.5
COLBERT								
Helen Keller Memorial Center	764	462	11	156	135	0	38.1	7.5
COVINGTON								
Andalusia Regional Hospital	246	189	5	29	23	0	21.1	17.9
CULLMAN								
Cullman Regional Medical Center	597	410	10	107	70	0	29.6	12.5
DALLAS								
Vaughn Regional Medical Center	319	216	1	69	33	0	32.0	2.9
DEKALB								
DeKalb Regional Medical Center	488	350	10	67	61	0	26.2	14.1
ESCAMBIA								
D.W. McMillan Memorial Hospital	158	81	0	37	40	0	48.7	0.0
ETOWAH								
Gadsden Regional Medical Center	763	583	22	67	91	0	20.7	19.5
HOUSTON								
Flowers Hospital	1,441	840	13	353	235	0	40.8	5.2
Southeast Alabama Medical Center	1,493	941	23	275	254	0	35.4	8.3
JACKSON								
Highland Medical Center	226	142	6	49	29	0	34.5	17.1
JEFFERSON								
Brookwood Medical Center	2,874	1,831	16	841	186	0	35.7	7.9
Grandview Medical Center	3,300	2,038	43	783	436	0	36.9	9.0
Princeton Baptist Medical Center	674	460	54	92	68	0	23.7	44.3
St. Vincent's Birmingham	3,753	2,419	50	859	424	1	34.2	10.5
UAB Medical West	294	201	0	86	7	0	31.6	0.0
University of Alabama Hospital	3,846	2,324	124	955	443	0	36.3	21.9

[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 HOSPITALS[1] OF OCCURRENCE WITH CESAREAN SECTION AND VAGINAL BIRTH AFTER CESAREAN RATES
ALABAMA, 2022

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	1,339	921	4	297	117	0	30.9	3.3
LEE								
East Alabama Medical Center	2,142	1,369	33	417	323	0	34.5	9.3
LIMESTONE								
Athens-Limestone Hospital	392	282	2	72	36	0	27.6	5.3
MADISON								
Crestwood Medical Center	1,340	823	19	315	183	0	37.2	9.4
Huntsville Hospital	4,688	2,926	115	955	692	0	35.1	14.3
Madison Hospital	1,257	842	25	209	181	0	31.0	12.1
MARENGO								
Bryan Whitfield Hospital	75	56	1	12	6	0	24.0	14.3
MARSHALL								
Marshall Medical Center North	602	490	3	76	33	0	18.1	8.3
Marshall Medical Center South	940	682	23	154	81	0	25.0	22.1
MOBILE								
Mobile Infirmary Medical Center	816	483	3	179	151	0	40.4	1.9
Providence Hospital	1,400	957	9	284	150	0	31.0	5.7
Springhill Memorial Hospital	1,269	754	0	336	179	0	40.6	0.0
USA Children's and Women's Hospital	2,578	1,455	94	543	486	0	39.9	16.2
MONROE								
Monroe County Hospital	204	120	3	41	40	0	39.7	7.0
MONTGOMERY								
Baptist Medical Center East	3,817	2,216	35	889	677	0	41.0	4.9
Baptist Medical Center South	618	346	3	126	143	0	43.5	2.1
Jackson Hospital	966	533	4	253	176	0	44.4	2.2
MORGAN								
Decatur Morgan Hospital	422	288	3	75	56	0	31.0	5.1
SHELBY								
Shelby Baptist Medical Center	66	40	0	15	11	0	39.4	0.0
TALLADEGA								
Coosa Valley Medical Center	506	300	4	93	109	0	39.9	3.5
TALLAPOOSA								
Russell Hospital	277	140	0	59	78	0	49.5	0.0
TUSCALOOSA								
DCH Regional Medical Center	1,585	1,043	7	313	222	0	33.8	3.1
Northport Medical Center	1,501	973	8	390	130	0	34.6	5.8
WALKER								
Walker Baptist Medical Center	896	650	1	160	85	0	27.3	1.2
All Other Hospitals	20	19	1	0	0	0	0.0	100.0
Out of Hospital	554	530	19	0	0	5	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 PERCENT[1] OF BIRTHS TO UNMARRIED WOMEN BY RACE AND AGE GROUP OF MOTHER ALABAMA, 2022

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	**58,162**	**40,018**	**18,144**	**26,335**	**13,072**	**13,263**	**45.3**	**32.7**	**73.1**
Under 15	49	29	20	49	29	20	---	---	---
15-17	906	548	358	857	507	350	94.6	92.5	97.8
18-19	2,539	1,625	914	2,196	1,329	867	86.6	81.9	94.9
20-24	14,117	9,250	4,867	9,480	5,091	4,389	67.2	55.0	90.2
25-29	18,276	13,023	5,253	7,262	3,315	3,947	39.8	25.5	75.1
30-34	14,674	10,429	4,245	4,271	1,772	2,499	29.1	17.0	58.9
35-39	6,305	4,290	2,015	1,819	845	974	28.9	19.7	48.4
40-44	1,216	765	451	382	170	212	31.4	22.2	47.0
45+	75	55	20	18	13	5	24.0	23.6	---
Not stated	5	4	1	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

PERCENT[1] OF BIRTHS TO UNMARRIED WOMEN BY RACE AND AGE GROUP OF MOTHER ALABAMA, 2012-2022

RACE AND AGE GROUP OF MOTHER	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL	**42.6**	**42.2**	**43.2**	**43.8**	**44.7**	**47.1**	**46.8**	**46.8**	**48.4**	**46.4**	**45.3**
Under 15	98.8	98.4	98.4	100.0	---	---	---	---	100.0	100.0	---
15-17	93.4	91.2	92.3	93.0	94.5	95.5	95.2	95.2	95.5	94.9	94.6
18-19	79.3	77.9	80.4	79.7	82.2	86.1	86.4	86.4	87.8	89.4	86.5
20-24	59.9	60.4	61.6	63.5	64.5	67.4	67.1	67.1	69.4	67.7	67.2
25-29	32.1	32.9	35.2	36.6	38.2	41.4	41.5	41.5	43.8	41.0	39.8
30-34	21.9	22.3	24.0	24.3	25.7	27.4	28.6	28.6	30.4	29.5	29.1
35-39	21.5	20.6	22.9	24.1	24.3	27.8	26.2	26.2	29.0	28.5	28.9
40-44	20.6	22.6	25.0	22.4	29.2	28.3	27	27.0	37.2	33.0	31.4
45+	---	19.3	---	20.4	---	18.5	13.8	13.8	24.6	21.9	24.0
WHITE	**28.3**	**28.3**	**29.2**	**29.9**	**30.6**	**33.3**	**32.8**	**32.8**	**33.9**	**33.1**	**32.7**
Under 15	97.1	96.3	96.6	---	---	---	---	---	---	---	---
15-17	88.6	86.1	87.4	88.7	90.9	92.8	91.6	91.6	92.5	92.5	92.5
18-19	68.4	66.6	71.1	70.5	73.4	79.2	79.8	79.8	81.6	84.0	81.9
20-24	43.1	44.3	45.0	47.3	48.9	52.6	52.4	52.4	55.3	54.3	55.0
25-29	18.8	19.4	21.1	22.5	23.1	26.6	26	26.0	27.5	26.0	25.5
30-34	12.0	12.6	13.9	14.2	15.9	17.4	17.6	17.6	18.4	18.3	17.0
35-39	13.5	12.7	13.7	16.4	15.3	17.6	17.2	17.2	18.4	19.3	19.7
40-44	13.1	15.3	17.9	16.3	21.7	21.1	18.4	18.4	24.0	24.7	22.2
45+	---	---	---	---	---	---	---	---	---	---	23.6
BLACK AND OTHER	**70.6**	**69.8**	**71.0**	**71.5**	**72.6**	**73.4**	**74**	**74.0**	**75.2**	**73.6**	**73.1**
Under 15	100.0	100.0	100.0	---	---	---	---	---	---	---	---
15-17	99.1	98.1	99.0	98.4	98.7	99.1	99	99.0	98.9	97.7	97.8
18-19	94.4	94.9	95.3	94.7	95.4	97.1	96.3	96.3	96.6	97.1	94.9
20-24	85.6	84.8	86.8	87.2	88.3	89.4	90.6	90.6	91.0	90.4	90.2
25-29	63.0	63.7	66.0	68.3	70.8	71.4	73.9	73.9	75.6	74.0	75.2
30-34	47.8	46.9	49.9	50.5	51.5	53.3	55	55.0	58.4	57.4	58.9
35-39	40.5	40.1	43.7	41.9	44.4	49.0	46.2	46.2	50.8	47.9	48.4
40-44	35.2	38.0	38.8	34.7	45.1	42.4	42.9	42.9	50.7	47.0	47.0
45+	---	---	---	---	---	---	---	---	---	---	---

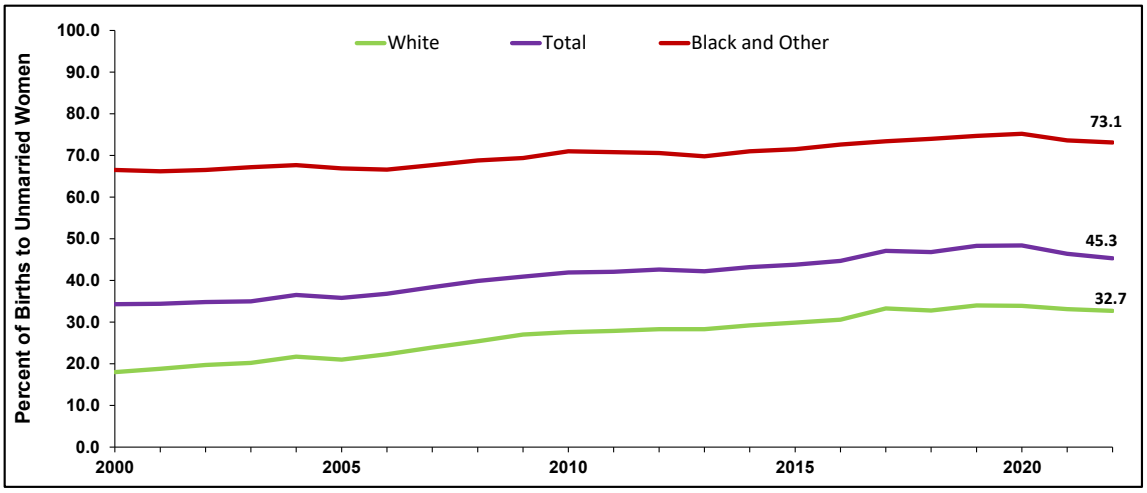
[1] Percentages were not calculated in instances where there were fewer than 50 live births in specified population group. Denominator includes only live births where the marital status was known.

TABLE 7
NUMBER AND PERCENT[1] OF BIRTHS TO UNMARRIED WOMEN BY RACE OF MOTHER
ALABAMA, 2000-2022

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
2022	26,335	45.3	13,072	32.7	13,263	73.1

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

FIGURE 4. PERCENT[1] OF BIRTHS TO UNMARRIED WOMEN BY RACE OF MOTHER
ALABAMA, 2000-2022



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

TABLE 8
NUMBER AND PERCENT[1] OF BIRTHS TO UNMARRIED WOMEN BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	**26,335**	**45.3**	**13,072**	**32.7**	**13,263**	**73.1**
Autauga	283	38.9	153	28.2	130	70.3
Baldwin	967	38.2	709	33.1	258	66.0
Barbour	177	65.1	56	41.2	121	89.0
Bibb	108	44.1	67	35.8	41	70.7
Blount	215	31.1	205	30.6	10	43.5
Bullock	77	78.6	10	43.5	67	89.3
Butler	136	68.3	52	52.5	84	84.0
Calhoun	695	51.7	416	42.3	279	77.7
Chambers	232	57.1	109	43.3	123	79.9
Cherokee	96	43.6	87	41.6	9	81.8
Chilton	205	37.2	164	33.4	41	68.3
Choctaw	68	51.5	29	34.9	39	79.6
Clarke	157	52.7	42	26.8	115	81.6
Clay	78	46.4	49	35.8	29	93.5
Cleburne	72	37.5	68	37.0	4	50.0
Coffee	301	43.4	187	35.5	114	68.3
Colbert	280	45.7	209	40.6	71	72.4
Conecuh	80	61.1	30	40.5	50	87.7
Coosa	38	47.5	23	37.7	15	78.9
Covington	199	48.8	157	43.4	42	91.3
Crenshaw	92	56.8	59	48.8	33	80.5
Cullman	349	35.5	341	35.6	8	32.0
Dale	297	43.2	185	35.4	112	67.9
Dallas	329	80.0	41	48.2	288	88.3
DeKalb	365	44.2	325	42.7	40	62.5
Elmore	369	40.3	217	31.0	152	70.0
Escambia	242	56.0	130	45.5	112	76.7
Etowah	554	47.2	379	40.3	175	74.8
Fayette	71	42.5	54	36.0	17	100.0
Franklin	186	43.4	166	41.7	20	64.5
Geneva	132	44.3	116	41.9	16	76.2
Greene	61	79.2	5	31.3	56	91.8
Hale	126	58.3	21	23.6	105	82.7
Henry	72	41.4	34	26.6	38	82.6
Houston	698	55.5	319	40.4	379	81.0
Jackson	219	39.4	206	38.8	13	52.0
Jefferson	3,470	44.8	1,033	23.8	2,437	71.6
Lamar	80	46.0	65	41.1	15	93.8
Lauderdale	348	36.4	263	31.2	85	75.9
Lawrence	162	44.3	142	42.0	20	71.4
Lee	718	36.3	368	25.2	350	67.4
Limestone	345	29.1	276	26.5	69	47.9
Lowndes	81	77.9	8	36.4	73	89.0
Macon	105	73.9	7	26.9	98	84.5
Madison	1,603	35.5	702	22.6	901	63.8
Marengo	135	61.9	33	31.4	102	90.3
Marion	131	41.2	125	40.5	6	66.7
Marshall	708	45.7	538	43.6	170	54.1
Mobile	2,750	55.0	1,006	36.8	1,744	77.0
Monroe	134	60.9	56	43.4	78	85.7
Montgomery	1,848	62.9	329	33.6	1,519	77.6
Morgan	664	44.7	489	39.2	175	74.2
Perry	82	83.7	7	36.8	75	94.9
Pickens	112	58.3	37	35.6	75	85.2
Pike	204	54.7	60	29.7	144	84.2
Randolph	129	51.4	97	46.2	32	78.0
Russell	416	52.1	166	37.6	250	70.2
St. Clair	299	29.5	265	29.1	34	33.3
Shelby	528	21.6	369	18.2	159	38.8
Sumter	93	72.1	7	20.6	86	90.5
Talladega	502	57.8	273	47.1	229	79.2
Tallapoosa	204	56.5	103	43.8	101	80.2
Tuscaloosa	1,271	50.1	403	28.5	868	77.3
Walker	291	35.3	259	36.0	32	30.5
Washington	94	48.2	48	35.0	46	79.3
Wilcox	88	77.9	7	29.2	81	91.0
Winston	114	41.8	111	41.7	3	42.9

[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, 2022

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	**58,162**	**49**	**3,445**	**14,117**	**18,276**	**14,674**	**6,305**	**1,291**	**5**
White	40,018	29	2,173	9,250	13,023	10,429	4,290	820	4
Black and Other	18,144	20	1,272	4,867	5,253	4,245	2,015	471	1
FIRST	**22,255**	**48**	**2,889**	**7,586**	**6,763**	**3,598**	**1,150**	**218**	**3**
White	15,749	28	1,832	5,002	5,214	2,736	793	142	2
Black and Other	6,506	20	1,057	2,584	1,549	862	357	76	1
SECOND	**18,150**	**0**	**499**	**4,386**	**6,110**	**4,998**	**1,863**	**294**	**0**
White	12,922	0	306	2,938	4,414	3,725	1,358	181	0
Black and Other	5,228	0	193	1,448	1,696	1,273	505	113	0
THIRD	**10,242**	**1**	**52**	**1,590**	**3,401**	**3,355**	**1,568**	**274**	**1**
White	6,900	1	32	1,005	2,263	2,357	1,057	184	1
Black and Other	3,342	0	20	585	1,138	998	511	90	0
FOURTH	**4,397**	**0**	**3**	**438**	**1,341**	**1,552**	**863**	**200**	**0**
White	2,736	0	1	248	800	1,004	562	121	0
Black and Other	1,661	0	2	190	541	548	301	79	0
FIFTH AND ABOVE	**3,104**	**0**	**0**	**114**	**658**	**1,169**	**858**	**304**	**1**
White	1,699	0	0	56	329	605	517	191	1
Black and Other	1,405	0	0	58	329	564	341	113	0
NOT STATED	**14**	**0**	**2**	**3**	**3**	**2**	**3**	**1**	**0**
White	12	0	2	1	3	2	3	1	0
Black and Other	2	0	0	2	0	0	0	0	0

TABLE 10

BIRTHS BY TRIMESTER PRENATAL CARE BEGAN AND PERCENT[1] PRENATAL CARE BEGAN IN FIRST TRIMESTER BY COUNTY OF RESIDENCE

ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL	NO PRENATAL CARE	PERCENT[1] FIRST TRIMESTER	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NOT STATED[2]
TOTAL	**58,162**	**1,301**	**66.9**	**38,717**	**14,255**	**3,632**	**257**
Autauga	728	7	72.4	521	142	50	8
Baldwin	2,533	22	70.0	1,768	588	148	7
Barbour	272	5	64.1	173	63	29	2
Bibb	246	8	66.1	162	67	8	1
Blount	692	26	70.1	484	151	29	2
Bullock	98	5	56.7	55	25	12	1
Butler	199	3	60.1	119	53	23	1
Calhoun	1,344	44	68.2	912	314	68	6
Chambers	406	5	62.5	253	108	39	1
Cherokee	220	5	66.7	146	56	12	1
Chilton	551	5	71.1	392	120	34	0
Choctaw	132	3	80.3	106	20	3	0
Clarke	298	6	73.7	219	61	11	1
Clay	168	6	71.7	119	37	4	2
Cleburne	192	4	66.7	128	48	12	0
Coffee	694	8	62.8	435	166	84	1
Colbert	614	7	66.2	403	159	40	5
Conecuh	131	1	60.3	79	39	12	0
Coosa	80	0	71.3	57	17	6	0
Covington	408	5	67.6	275	101	26	1
Crenshaw	162	3	62.7	101	48	9	1
Cullman	984	12	73.4	716	196	52	8
Dale	689	5	70.5	484	141	57	2
Dallas	411	4	54.4	222	138	44	3
DeKalb	826	71	60.8	500	197	54	4
Elmore	916	13	72.7	663	170	66	4
Escambia	432	8	68.1	292	107	22	3
Etowah	1,174	35	61.0	714	320	101	4
Fayette	167	1	64.1	107	53	6	0
Franklin	429	8	56.4	242	111	68	0
Geneva	298	2	74.7	222	55	18	1
Greene	77	1	61.0	47	20	9	0
Hale	216	7	57.9	125	71	13	0
Henry	174	2	76.7	132	33	5	2
Houston	1,258	17	73.4	922	243	74	2
Jackson	556	6	69.4	377	132	28	13
Jefferson	7,749	82	68.5	5,268	1,988	356	55
Lamar	174	1	68.4	119	46	8	0
Lauderdale	957	8	70.9	678	220	50	1
Lawrence	366	5	69.9	255	86	19	1
Lee	1,981	25	75.0	1,482	365	104	5
Limestone	1,186	18	67.5	801	278	89	0
Lowndes	104	2	63.1	65	30	6	1
Macon	142	4	66.4	93	37	6	2
Madison	4,516	121	60.1	2,708	1,365	309	13
Marengo	218	1	70.5	153	51	12	1
Marion	318	6	72.8	230	66	14	2
Marshall	1,549	289	51.1	784	334	126	16
Mobile	5,004	54	74.8	3,733	955	246	16
Monroe	221	0	72.9	161	52	8	0
Montgomery	2,940	81	57.2	1,672	884	288	15
Morgan	1,485	99	58.0	856	399	123	8
Perry	98	1	63.9	62	25	9	1
Pickens	192	1	52.1	100	73	18	0
Pike	373	7	70.4	261	72	31	2
Randolph	251	4	63.5	158	73	14	2
Russell	800	18	78.4	618	121	31	12
St. Clair	1,014	11	66.5	671	294	33	5
Shelby	2,443	8	72.0	1,758	564	110	3
Sumter	129	1	59.7	77	44	7	0
Talladega	870	24	67.3	585	216	44	1
Tallapoosa	361	6	78.6	283	56	15	1
Tuscaloosa	2,539	27	55.5	1,408	913	187	4
Walker	825	17	72.1	594	156	57	1
Washington	196	3	75.5	148	36	9	0
Wilcox	113	2	66.1	74	26	10	1
Winston	273	5	69.9	190	60	17	1

[1] Denominator includes only live births where the trimester information was known.
[2] Includes unknown and missing data.

TABLE 11
BIRTHS AND PERCENT[1] OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE AND COUNTY OF RESIDENCE
ALABAMA, 2022

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	**58,162**	**20,246**	**35.9**	**21,723**	**38.5**	**4,412**	**7.8**	**10,047**	**17.8**	**1,734**
Autauga	728	221	31.1	331	46.6	33	4.6	126	17.7	17
Baldwin	2,533	965	38.6	1,008	40.4	133	5.3	392	15.7	35
Barbour	272	92	34.7	96	36.2	15	5.7	62	23.4	7
Bibb	246	83	35.0	95	40.1	20	8.4	39	16.5	9
Blount	692	260	39.3	288	43.6	29	4.4	84	12.7	31
Bullock	98	21	22.8	35	38.0	3	3.3	33	35.9	6
Butler	199	74	37.9	62	31.8	11	5.6	48	24.6	4
Calhoun	1,344	388	30.1	572	44.3	137	10.6	193	15.0	54
Chambers	406	158	39.6	130	32.6	22	5.5	89	22.3	7
Cherokee	220	72	33.6	87	40.7	25	11.7	30	14.0	6
Chilton	551	187	34.3	243	44.6	36	6.6	79	14.5	6
Choctaw	132	79	61.2	39	30.2	3	2.3	8	6.2	3
Clarke	298	111	38.3	113	39.0	28	9.7	38	13.1	8
Clay	168	49	30.6	72	45.0	19	11.9	20	12.5	8
Cleburne	192	77	41.0	68	36.2	20	10.6	23	12.2	4
Coffee	694	235	34.6	253	37.2	23	3.4	169	24.9	14
Colbert	614	255	42.4	216	35.9	26	4.3	104	17.3	13
Conecuh	131	48	37.2	43	33.3	7	5.4	31	24.0	2
Coosa	80	24	30.0	25	31.3	16	20.0	15	18.8	0
Covington	408	172	42.9	152	37.9	8	2.0	69	17.2	7
Crenshaw	162	58	36.9	63	40.1	7	4.5	29	18.5	5
Cullman	984	275	28.6	498	51.8	67	7.0	122	12.7	22
Dale	689	285	42.0	257	37.9	13	1.9	123	18.1	11
Dallas	411	161	40.3	107	26.8	12	3.0	120	30.0	11
DeKalb	826	249	33.3	261	34.9	75	10.0	162	21.7	79
Elmore	916	320	35.8	379	42.3	56	6.3	140	15.6	21
Escambia	432	190	45.3	138	32.9	29	6.9	62	14.8	13
Etowah	1,174	375	33.1	451	39.8	68	6.0	239	21.1	41
Fayette	167	69	41.6	63	38.0	16	9.6	18	10.8	1
Franklin	429	153	36.4	116	27.6	20	4.8	131	31.2	9
Geneva	298	131	44.6	114	38.8	7	2.4	42	14.3	4
Greene	77	22	30.1	20	27.4	15	20.5	16	21.9	4
Hale	216	60	29.0	77	37.2	33	15.9	37	17.9	9
Henry	174	93	54.7	58	34.1	3	1.8	16	9.4	4

[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 PERCENT[1] OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE AND COUNTY OF RESIDENCE ALABAMA, 2022

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	**58,162**	**20,246**	**35.9**	**21,723**	**38.5**	**4,412**	**7.8**	**10,047**	**17.8**	**1,734**
Houston	1,258	599	48.5	411	33.3	35	2.8	191	15.5	22
Jackson	556	203	38.1	196	36.8	49	9.2	85	15.9	23
Jefferson	7,749	2,690	35.4	3,225	42.5	499	6.6	1183	15.6	152
Lamar	174	77	44.5	58	33.5	11	6.4	27	15.6	1
Lauderdale	957	419	44.4	330	35.0	34	3.6	160	17.0	14
Lawrence	366	154	43.0	125	34.9	17	4.7	62	17.3	8
Lee	1,981	965	49.6	598	30.7	97	5.0	287	14.7	34
Limestone	1,186	403	34.7	416	35.8	120	10.3	223	19.2	24
Lowndes	104	32	31.7	43	42.6	5	5.0	21	20.8	3
Macon	142	51	38.1	50	37.3	7	5.2	26	19.4	8
Madison	4,516	1,205	27.5	1,546	35.3	664	15.2	959	21.9	142
Marengo	218	89	41.4	70	32.6	26	12.1	30	14.0	3
Marion	318	126	40.8	132	42.7	11	3.6	40	12.9	9
Marshall	1,549	418	33.8	458	37.1	77	6.2	282	22.8	314
Mobile	5,004	1,681	34.2	1,920	39.1	581	11.8	733	14.9	89
Monroe	221	84	38.5	87	39.9	14	6.4	33	15.1	3
Montgomery	2,940	864	30.5	1,077	38.0	148	5.2	743	26.2	108
Morgan	1,485	497	36.1	466	33.9	77	5.6	335	24.4	110
Perry	98	40	41.7	26	27.1	9	9.4	21	21.9	2
Pickens	192	66	34.7	66	34.7	16	8.4	42	22.1	2
Pike	373	134	36.9	147	40.5	10	2.8	72	19.8	10
Randolph	251	107	43.9	76	31.1	13	5.3	48	19.7	7
Russell	800	292	38.0	285	37.1	109	14.2	83	10.8	31
St. Clair	1,014	394	39.5	397	39.8	58	5.8	149	14.9	16
Shelby	2,443	952	39.3	1,074	44.3	104	4.3	293	12.1	20
Sumter	129	50	39.4	42	33.1	6	4.7	29	22.8	2
Talladega	870	255	30.2	318	37.6	128	15.1	144	17.0	25
Tallapoosa	361	238	67.4	58	16.4	21	5.9	36	10.2	8
Tuscaloosa	2,539	703	28.1	850	33.9	371	14.8	580	23.2	35
Walker	825	247	30.6	397	49.3	28	3.5	134	16.6	19
Washington	196	67	34.9	88	45.8	16	8.3	21	10.9	4
Wilcox	113	41	37.3	44	40.0	5	4.5	20	18.2	3
Winston	273	91	34.3	117	44.2	11	4.2	46	17.4	8

[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 CARE[1]
ALABAMA, 2022

RACE AND AGE GROUP OF MOTHER	TOTAL	ADEQUACY OF PRENATAL CARE				
		ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE	UNKNOWN
ALL RACES	**58,162**	**20,246**	**21,723**	**4,412**	**10,047**	**1,734**
Under 15	49	8	7	2	30	2
15-19	3,445	964	1,129	217	948	187
20-24	14,117	4,550	5,072	1,086	2,941	468
25-29	18,276	6,389	7,128	1,446	2,844	469
30-34	14,674	5,308	5,866	1,103	2,064	333
35-39	6,305	2,478	2,152	468	995	212
40-44	1,216	505	350	88	213	60
45+	75	42	19	2	11	1
Not stated	5	2	0	0	1	2
WHITE	**40,018**	**14,110**	**15,662**	**2,955**	**6,248**	**1,043**
Under 15	29	4	7	2	16	0
15-19	2,173	634	730	123	577	109
20-24	9,250	3,138	3,451	635	1,755	271
25-29	13,023	4,623	5,309	1,006	1,797	288
30-34	10,429	3,696	4,408	803	1,319	203
35-39	4,290	1,681	1,518	328	631	132
40-44	765	301	225	56	146	37
45+	55	31	14	2	7	1
Not stated	4	2	0	0	0	2
BLACK AND OTHER	**18,144**	**6,136**	**6,061**	**1,457**	**3,799**	**691**
Under 15	20	4	0	0	14	2
15-19	1,272	330	399	94	371	78
20-24	4,867	1,412	1,621	451	1,186	197
25-29	5,253	1,766	1,819	440	1,047	181
30-34	4,245	1,612	1,458	300	745	130
35-39	2,015	797	634	140	364	80
40-44	451	204	125	32	67	23
45+	20	11	5	0	4	0
Not stated	1	0	0	0	1	0

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

TABLE 13
BIRTHS BY BIRTH WEIGHT[1], RACE AND AGE GROUP OF MOTHER
ALABAMA, 2022

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	58,162	49	906	2,539	14,117	18,276	14,674	6,305	1,216	75	5
White	40,018	29	548	1,625	9,250	13,023	10,429	4,290	765	55	4
Black and Other	18,144	20	358	914	4,867	5,253	4,245	2,015	451	20	1
UNDER 500 GRAMS	92	1	0	2	33	26	13	15	1	1	0
White	27	0	0	0	16	5	2	4	0	0	0
Black and Other	65	1	0	2	17	21	11	11	1	1	0
500-999 GRAMS	341	0	7	14	95	99	74	46	6	0	0
White	133	0	3	4	37	39	30	18	2	0	0
Black and Other	208	0	4	10	58	60	44	28	4	0	0
1,000-1,499 GRAMS	534	1	11	22	138	143	134	71	14	0	0
White	274	1	6	11	67	82	65	36	6	0	0
Black and Other	260	0	5	11	71	61	69	35	8	0	0
1,500-1,999 GRAMS	1,192	1	24	50	274	355	297	147	38	6	0
White	657	0	14	25	148	200	157	90	18	5	0
Black and Other	535	1	10	25	126	155	140	57	20	1	0
2,000-2,499 GRAMS	3,909	4	80	207	980	1,136	966	414	104	18	0
White	2,124	2	39	108	493	632	551	234	51	14	0
Black and Other	1,785	2	41	99	487	504	415	180	53	4	0
2,500-4,499 GRAMS	51,646	42	782	2,236	12,527	16,379	13,053	5,533	1,040	50	4
White	36,432	26	485	1,472	8,435	11,948	9,508	3,840	679	36	3
Black and Other	15,214	16	297	764	4,092	4,431	3,545	1,693	361	14	1
4,500 GRAMS AND ABOVE	442	0	1	7	69	138	135	79	13	0	0
White	367	0	0	4	54	117	115	68	9	0	0
Black and Other	75	0	1	3	15	21	20	11	4	0	0
NOT STATED	6	0	1	1	1	0	2	0	0	0	1
White	4	0	1	1	0	0	1	0	0	0	1
Black and Other	2	0	0	0	1	0	1	0	0	0	0

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

TABLE 14
LOW WEIGHT BIRTHS[1] AND PERCENT[2] OF LOW WEIGHT BIRTHS BY RACE[3]
ALABAMA, 1970-2022

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
2022	6,068	10.4	3,215	8.0	2,853	15.7

[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 1990-2022 are by race of mother.

TABLE 15
LOW WEIGHT BIRTHS[1] AND PERCENT[2] OF LOW WEIGHT BIRTHS BY COUNTY OF RESIDENCE AND RACE OF MOTHER
ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	**6,068**	**10.4**	**3,215**	**8.0**	**2,853**	**15.7**
Autauga	72	9.9	40	7.4	32	17.3
Baldwin	204	8.1	167	7.8	37	9.5
Barbour	30	11.0	8	5.9	22	16.2
Bibb	21	8.5	13	6.9	8	13.8
Blount	41	5.9	40	6.0	1	4.3
Bullock	15	15.3	0	0.0	15	20.0
Butler	26	13.1	8	8.1	18	18.0
Calhoun	124	9.2	70	7.1	54	15.0
Chambers	56	13.8	29	11.5	27	17.5
Cherokee	17	7.7	17	8.1	0	0.0
Chilton	50	9.1	40	8.1	10	16.7
Choctaw	16	12.1	8	9.6	8	16.3
Clarke	35	11.7	9	5.7	26	18.4
Clay	16	9.5	13	9.5	3	9.7
Cleburne	13	6.8	11	6.0	2	25.0
Coffee	61	8.8	36	6.8	25	15.0
Colbert	57	9.3	46	8.9	11	11.2
Conecuh	15	11.5	8	10.8	7	12.3
Coosa	6	7.5	3	4.9	3	15.8
Covington	32	7.8	23	6.4	9	19.6
Crenshaw	15	9.3	8	6.6	7	17.1
Cullman	78	7.9	74	7.7	4	16.0
Dale	58	8.4	38	7.3	20	12.1
Dallas	66	16.1	6	7.1	60	18.4
DeKalb	76	9.2	68	8.9	8	12.5
Elmore	78	8.5	53	7.6	25	11.5
Escambia	41	9.5	20	7.0	21	14.4
Etowah	88	7.5	61	6.5	27	11.5
Fayette	12	7.2	9	6.0	3	17.6
Franklin	30	7.0	28	7.0	2	6.5
Geneva	27	9.1	23	8.3	4	19.0
Greene	12	15.6	1	6.3	11	18.0
Hale	34	15.7	8	9.0	26	20.5
Henry	22	12.6	13	10.2	9	19.6
Houston	129	10.3	65	8.2	64	13.7
Jackson	42	7.6	40	7.5	2	8.0
Jefferson	892	11.5	356	8.2	536	15.7
Lamar	23	13.2	19	12.0	4	25.0
Lauderdale	91	9.5	70	8.3	21	18.8
Lawrence	24	6.6	19	5.6	5	17.9
Lee	190	9.6	119	8.1	71	13.7
Limestone	96	8.1	77	7.4	19	13.2
Lowndes	12	11.5	1	4.5	11	13.4
Macon	29	20.4	3	11.5	26	22.4
Madison	437	9.7	240	7.7	197	14.0
Marengo	19	8.7	6	5.7	13	11.5
Marion	31	9.7	28	9.1	3	33.3
Marshall	138	8.9	113	9.2	25	8.0
Mobile	649	13.0	223	8.1	426	18.8
Monroe	19	8.6	10	7.7	9	9.9
Montgomery	404	13.7	66	6.7	338	17.3
Morgan	137	9.2	104	8.3	33	14.0
Perry	16	16.3	0	0.0	16	20.3
Pickens	18	9.4	7	6.7	11	12.5
Pike	53	14.2	16	7.9	37	21.6
Randolph	28	11.2	21	10.0	7	17.1
Russell	95	11.9	38	8.6	57	16.0
St. Clair	107	10.6	92	10.1	15	14.6
Shelby	227	9.3	168	8.3	59	14.4
Sumter	18	14.0	4	11.8	14	14.7
Talladega	103	11.8	55	9.5	48	16.6
Tallapoosa	47	13.0	18	7.7	29	23.0
Tuscaloosa	294	11.6	111	7.8	183	16.3
Walker	94	11.4	86	11.9	8	7.6
Washington	16	8.2	9	6.5	7	12.1
Wilcox	13	11.5	1	4.2	12	13.5
Winston	33	12.1	31	11.7	2	28.6

[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 BIRTHS[1] AND PERCENT[2] OF LOW WEIGHT BIRTHS
BY RACE AND AGE GROUP OF MOTHER
ALABAMA, 2022

RACE AND AGE GROUP OF MOTHER	TOTAL BIRTHS	LOW WEIGHT BIRTHS	PERCENT OF LOW WEIGHT BIRTHS	UNKNOWN/ NOT STATED
ALL RACES	**58,162**	**6,068**	**10.4**	**6**
Under 15	49	7	---	0
15-17	906	122	13.5	1
18-19	2,539	295	11.6	1
20-24	14,117	1,520	10.8	1
25-29	18,276	1,759	9.6	0
30-34	14,674	1,484	10.1	2
35-39	6,305	693	11.0	0
40-44	1,216	163	13.4	0
45+	75	25	33.3	0
Not stated	5	0	---	1
WHITE	**40,018**	**3,215**	**8.0**	**4**
Under 15	29	3	---	0
15-17	548	62	11.3	1
18-19	1,625	148	9.1	1
20-24	9,250	761	8.2	0
25-29	13,023	958	7.4	0
30-34	10,429	805	7.7	1
35-39	4,290	382	8.9	0
40-44	765	77	10.1	0
45+	55	19	34.5	0
Not stated	4	0	---	1
BLACK AND OTHER	**18,144**	**2,853**	**15.7**	**2**
Under 15	20	4	---	0
15-17	358	60	16.8	0
18-19	914	147	16.1	0
20-24	4,867	759	15.6	1
25-29	5,253	801	15.2	0
30-34	4,245	679	16.0	1
35-39	2,015	311	15.4	0
40-44	451	86	19.1	0
45+	20	6	---	0
Not stated	1	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 RACE[1]
ALABAMA AND UNITED STATES, 1970-2022

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S.	ALABAMA		ALABAMA	
	NUMBER	PERCENT	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
2022	3,494	6.0	3.9	2,202	5.5	1,292	7.1

[1] Data for 1970-1989 are by race of child. Data for 1990-2022 are by race of mother.

FIGURE 5. PERCENT OF BIRTHS TO TEENAGE MOTHERS ALABAMA AND UNITED STATES, 1970-2022

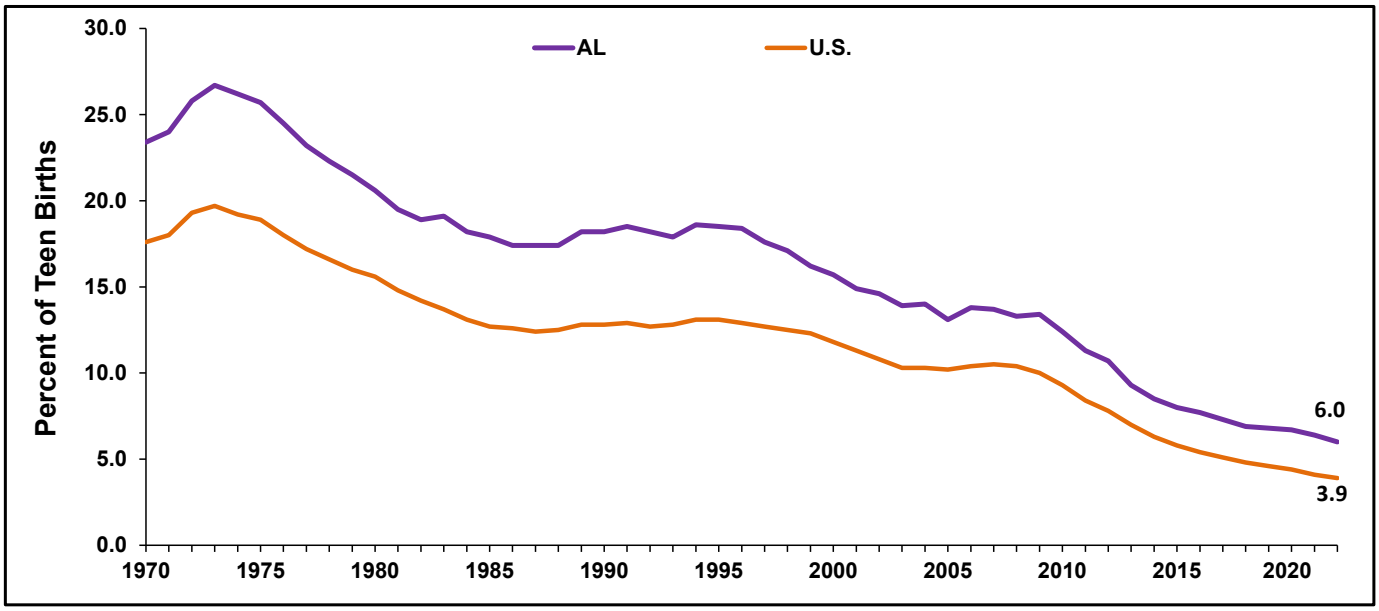


FIGURE 6. PERCENT OF BIRTHS TO TEENAGE MOTHERS BY RACE OF MOTHER ALABAMA, 2000-2022

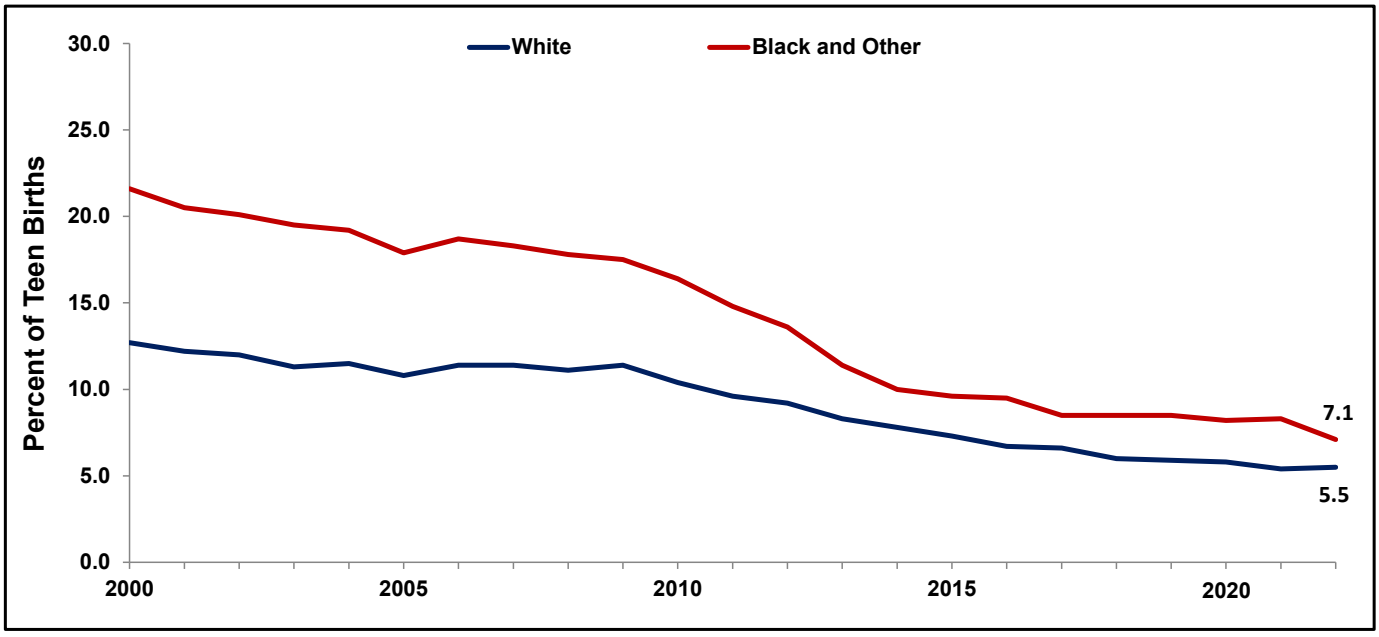


TABLE 18
NUMBER AND PERCENT[1] OF BIRTHS TO TEENAGE MOTHERS BY COUNTY OF RESIDENCE AND RACE OF MOTHER ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	**3,494**	**6.0**	**2,202**	**5.5**	**1,292**	**7.1**
Autauga	26	3.6	22	4.1	4	2.2
Baldwin	123	4.9	98	4.6	25	6.4
Barbour	26	9.6	12	8.8	14	10.3
Bibb	18	7.3	16	8.5	2	3.4
Blount	46	6.6	43	6.4	3	13.0
Bullock	9	9.2	1	4.3	8	10.7
Butler	14	7.0	6	6.1	8	8.0
Calhoun	77	5.7	60	6.1	17	4.7
Chambers	33	8.1	22	8.7	11	7.1
Cherokee	23	10.5	21	10.0	2	18.2
Chilton	52	9.4	45	9.2	7	11.7
Choctaw	7	5.3	5	6.0	2	4.1
Clarke	13	4.4	5	3.2	8	5.7
Clay	12	7.1	10	7.3	2	6.5
Cleburne	11	5.7	11	6.0	0	0.0
Coffee	47	6.8	26	4.9	21	12.6
Colbert	32	5.2	29	5.6	3	3.1
Conecuh	11	8.4	7	9.5	4	7.0
Coosa	4	5.0	4	6.6	0	---
Covington	37	9.1	34	9.4	3	6.5
Crenshaw	7	4.3	6	5.0	1	2.4
Cullman	65	6.6	63	6.6	2	8.0
Dale	50	7.3	37	7.1	13	7.9
Dallas	40	9.7	6	7.1	34	10.4
DeKalb	74	9.0	63	8.3	11	17.2
Elmore	44	4.8	25	3.6	19	8.8
Escambia	37	8.6	24	8.4	13	8.9
Etowah	93	7.9	67	7.1	26	11.1
Fayette	12	7.2	9	6.0	3	17.6
Franklin	41	9.6	38	9.5	3	9.7
Geneva	20	6.7	18	6.5	2	9.5
Greene	7	9.1	2	12.5	5	8.2
Hale	12	5.6	3	3.4	9	7.1
Henry	11	6.3	8	6.3	3	6.5
Houston	107	8.5	52	6.6	55	11.8
Jackson	36	6.5	36	6.8	0	---
Jefferson	395	5.1	160	3.7	235	6.9
Lamar	15	8.6	14	8.9	1	6.3
Lauderdale	46	4.8	41	4.9	5	4.5
Lawrence	33	9.0	30	8.9	3	10.7
Lee	86	4.3	52	3.6	34	6.6
Limestone	60	5.1	55	5.3	5	3.5
Lowndes	9	8.7	3	13.6	6	7.3
Macon	8	5.6	1	3.8	7	6.0
Madison	174	3.9	105	3.4	69	4.9
Marengo	8	3.7	2	1.9	6	5.3
Marion	34	10.7	32	10.4	2	22.2
Marshall	144	9.3	117	9.5	27	8.6
Mobile	311	6.2	132	4.8	179	7.9
Monroe	16	7.2	8	6.2	8	8.8
Montgomery	190	6.5	67	6.8	123	6.3
Morgan	98	6.6	86	6.9	12	5.1
Perry	9	9.2	0	0.0	9	11.4
Pickens	11	5.7	7	6.7	4	4.5
Pike	17	4.6	10	5.0	7	4.1
Randolph	17	6.8	13	6.2	4	9.8
Russell	44	5.5	21	4.7	23	6.4
St. Clair	58	5.7	54	5.9	4	3.9
Shelby	76	3.1	60	3.0	16	3.9
Sumter	10	7.8	2	5.9	8	8.4
Talladega	60	6.9	35	6.0	25	8.6
Tallapoosa	26	7.2	13	5.5	13	10.3
Tuscaloosa	147	5.8	55	3.9	92	8.2
Walker	72	8.7	63	8.8	9	8.6
Washington	10	5.1	6	4.3	4	6.9
Wilcox	10	8.8	1	4.2	9	10.1
Winston	23	8.4	23	8.6	0	---

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

TABLE 19
NUMBER AND RATE[1] OF BIRTHS TO TEENAGE MOTHERS BY COUNTY OF RESIDENCE AND RACE OF MOTHER ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**3,494**	**10.9**	**2,202**	**10.7**	**1,292**	**11.3**
Autauga	26	6.8	22	8.1	4	3.5
Baldwin	123	8.4	98	8.1	25	9.9
Barbour	26	17.7	12	17.5	14	17.8
Bibb	18	16.4	16	18.7	2	8.3
Blount	46	12.1	43	12.0	3	13.7
Bullock	9	16.1	1	9.3	8	17.7
Butler	14	13.1	6	12.1	8	13.9
Calhoun	77	10.2	60	12.1	17	6.5
Chambers	33	17.1	22	22.9	11	11.3
Cherokee	23	17.6	21	17.8	2	15.9
Chilton	52	16.8	45	17.3	7	14.4
Choctaw	7	11.5	5	14.6	2	7.5
Clarke	13	9.9	5	7.8	8	11.9
Clay	12	15.9	10	17.0	2	11.9
Cleburne	11	11.8	11	13.0	0	---
Coffee	47	13.1	26	9.9	21	21.9
Colbert	32	9.7	29	11.3	3	4.0
Conecuh	11	18.6	7	26.9	4	12.1
Coosa	4	9.0	4	14.5	0	---
Covington	37	17.0	34	19.5	3	6.9
Crenshaw	7	8.2	6	10.2	1	3.9
Cullman	65	12.2	63	12.5	2	6.9
Dale	50	17.4	37	19.2	13	13.7
Dallas	40	16.8	6	12.8	34	17.8
DeKalb	74	15.2	63	14.3	11	23.2
Elmore	44	8.4	25	6.6	19	12.7
Escambia	37	16.2	24	17.9	13	13.9
Etowah	93	16.1	67	15.1	26	19.5
Fayette	12	13.5	9	11.7	3	24.6
Franklin	41	19.8	38	20.2	3	16.2
Geneva	20	12.1	18	12.8	2	8.0
Greene	7	15.6	2	37.0	5	12.6
Hale	12	13.7	3	9.0	9	16.7
Henry	11	11.4	8	11.9	3	10.3
Houston	107	16.8	52	13.5	55	21.8
Jackson	36	12.4	36	13.9	0	---
Jefferson	395	9.2	160	7.8	235	10.6
Lamar	15	18.5	14	19.9	1	9.5
Lauderdale	46	7.5	41	8.4	5	3.9
Lawrence	33	16.6	30	19.3	3	7.0
Lee	86	6.9	52	6.0	34	9.0
Limestone	60	8.9	55	10.5	5	3.3
Lowndes	9	15.8	3	25.9	6	13.2
Macon	8	5.7	1	7.7	7	5.5
Madison	174	6.9	105	6.9	69	7.0
Marengo	8	6.9	2	4.2	6	8.8
Marion	34	20.5	32	20.7	2	18.0
Marshall	144	21.6	117	19.3	27	43.5
Mobile	311	12.0	132	9.7	179	14.6
Monroe	16	14.1	8	13.9	8	14.3
Montgomery	190	13.1	67	17.5	123	11.5
Morgan	98	12.7	86	14.1	12	7.3
Perry	9	16.6	0	0.0	9	22.1
Pickens	11	11.6	7	14.0	4	8.8
Pike	17	6.9	10	7.5	7	6.3
Randolph	17	12.2	13	12.9	4	10.5
Russell	44	12.2	21	13.3	23	11.3
St. Clair	58	10.5	54	11.6	4	4.6
Shelby	76	5.0	60	5.0	16	4.9
Sumter	10	12.3	2	8.5	8	13.9
Talladega	60	12.7	35	12.3	25	13.3
Tallapoosa	26	11.7	13	9.3	13	15.9
Tuscaloosa	147	7.5	55	4.4	92	13.0
Walker	72	19.0	63	19.0	9	19.0
Washington	10	11.8	6	11.4	4	12.4
Wilcox	10	16.9	1	9.2	9	18.7
Winston	23	17.8	23	19.0	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, 2022

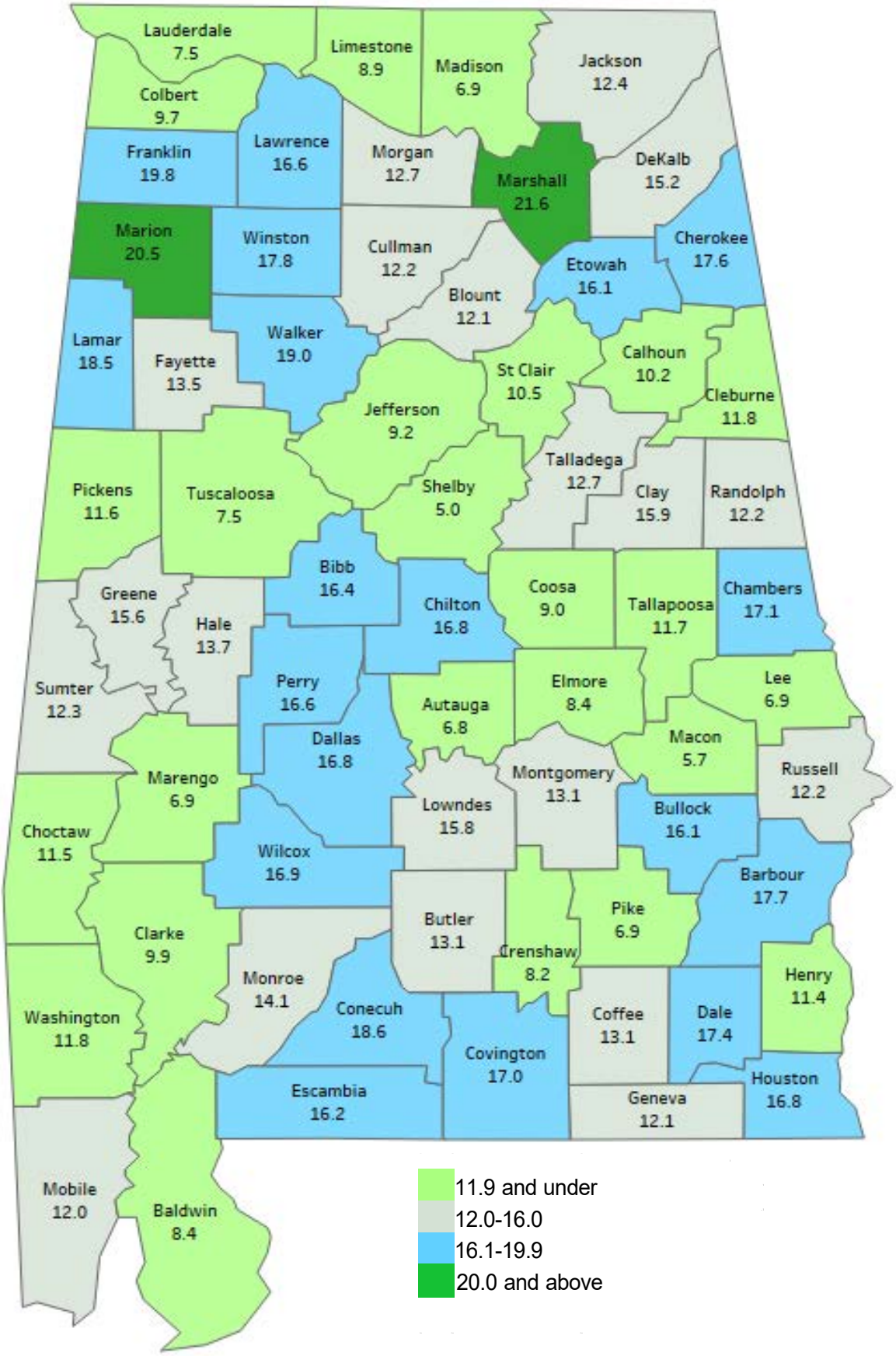


TABLE 20
NUMBER AND PERCENT[1] OF BIRTHS TO UNMARRIED TEENAGE MOTHERS BY RACE[2], ALABAMA AND UNITED STATES, 1970-2022

YEAR[3]	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S.	ALABAMA		ALABAMA	
	NUMBER	PERCENT	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
2022	3,102	88.8	84.0	1,865	84.8	1,237	95.7

[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 1990-2022 are by race of mother.

[3] Data for 1970 are by occurrence. Data for 1971-2022 are by residence.

TABLE 21
NUMBER AND PERCENT[1] OF BIRTHS TO UNMARRIED TEENAGE MOTHERS BY COUNTY OF RESIDENCE AND RACE OF MOTHER ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	3,102	88.8	1,865	84.8	1,237	95.7
Autauga	23	88.5	19	86.4	4	100.0
Baldwin	110	89.4	85	86.7	25	100.0
Barbour	23	88.5	9	75.0	14	100.0
Bibb	16	88.9	14	87.5	2	100.0
Blount	33	71.7	31	72.1	2	66.7
Bullock	9	100.0	1	100.0	8	100.0
Butler	13	92.9	6	100.0	7	87.5
Calhoun	67	87.0	50	83.3	17	100.0
Chambers	25	75.8	15	68.2	10	90.9
Cherokee	19	82.6	17	81.0	2	100.0
Chilton	35	67.3	29	64.4	6	85.7
Choctaw	6	85.7	4	80.0	2	100.0
Clarke	12	92.3	4	80.0	8	100.0
Clay	10	83.3	8	80.0	2	100.0
Cleburne	11	100.0	11	100.0	0	---
Coffee	43	91.5	24	92.3	19	90.5
Colbert	27	84.4	24	82.8	3	100.0
Conecuh	11	100.0	7	100.0	4	100.0
Coosa	3	75.0	3	75.0	0	---
Covington	32	86.5	29	85.3	3	100.0
Crenshaw	7	100.0	6	100.0	1	100.0
Cullman	53	81.5	51	81.0	2	100.0
Dale	43	86.0	31	83.8	12	92.3
Dallas	40	100.0	6	100.0	34	100.0
DeKalb	64	86.5	56	88.9	8	72.7
Elmore	41	93.2	22	88.0	19	100.0
Escambia	34	91.9	21	87.5	13	100.0
Etowah	78	83.9	56	83.6	22	84.6
Fayette	8	66.7	5	55.6	3	100.0
Franklin	35	85.4	32	84.2	3	100.0
Geneva	17	85.0	15	83.3	2	100.0
Greene	7	100.0	2	100.0	5	100.0
Hale	12	100.0	3	100.0	9	100.0
Henry	11	100.0	8	100.0	3	100.0
Houston	102	95.3	49	94.2	53	96.4
Jackson	28	77.8	28	77.8	0	---
Jefferson	355	89.9	131	81.9	224	95.3
Lamar	14	93.3	13	92.9	1	100.0
Lauderdale	44	95.7	39	95.1	5	100.0
Lawrence	25	75.8	22	73.3	3	100.0
Lee	75	87.2	42	80.8	33	97.1
Limestone	50	83.3	46	83.6	4	80.0
Lowndes	9	100.0	3	100.0	6	100.0
Macon	8	100.0	1	100.0	7	100.0
Madison	155	89.1	88	83.8	67	97.1
Marengo	7	87.5	1	50.0	6	100.0
Marion	30	88.2	29	90.6	1	50.0
Marshall	124	86.1	104	88.9	20	74.1
Mobile	299	96.8	120	92.3	179	100.0
Monroe	13	81.3	5	62.5	8	100.0
Montgomery	180	94.7	61	91.0	119	96.7
Morgan	84	85.7	73	84.9	11	91.7
Perry	9	100.0	0	---	9	100.0
Pickens	11	100.0	7	100.0	4	100.0
Pike	15	88.2	8	80.0	7	100.0
Randolph	17	100.0	13	100.0	4	100.0
Russell	41	93.2	18	85.7	23	100.0
St. Clair	49	84.5	46	85.2	3	75.0
Shelby	57	75.0	43	71.7	14	87.5
Sumter	10	100.0	2	100.0	8	100.0
Talladega	55	91.7	31	88.6	24	96.0
Tallapoosa	25	96.2	12	92.3	13	100.0
Tuscaloosa	135	91.8	46	83.6	89	96.7
Walker	59	81.9	54	85.7	5	55.6
Washington	9	90.0	5	83.3	4	100.0
Wilcox	10	100.0	1	100.0	9	100.0
Winston	20	87.0	20	87.0	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 RATES[1]
ALABAMA, 1970-2022

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
2022	1,743.4	58.7	0.3	20.9	79.6	114.3	85.9	39.6	7.6	0.5

[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 RATES[1] FOR WHITE FEMALES
ALABAMA, 1970-2022

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
2022	1,865.6	62.4	0.3	20.5	81.9	127.4	94.3	40.9	7.3	0.5

[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 RATES[1] FOR BLACK AND OTHER FEMALES ALABAMA, 1970-2022

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
2022	1,523.6	51.9	0.4	26.6	75.5	91.1	70.4	37.0	8.3	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 25

ESTIMATED PREGNANCIES[1], PREGNANCY RATES[2] AND PREGNANCY OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA, 2022

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	**76,564**	**77.3**	**58,162**	**6,154**	**12,248**	**50,059**	**78.1**	**40,018**	**1,852**	**8,189**	**26,505**	**75.7**	**18,144**	**4,302**	**4,059**
Autauga	948	81.3	728	68	152	676	80.8	543	22	111	273	82.4	185	46	42
Baldwin	3,096	73.0	2,533	51	512	2,608	72.8	2,142	34	432	488	74.5	391	17	80
Barbour	357	94.0	272	28	57	169	103.9	136	5	28	189	86.7	136	23	30
Bibb	306	86.7	246	10	50	231	83.1	188	5	38	75	100.0	58	5	12
Blount	856	80.9	692	23	141	826	82.0	669	21	136	30	59.6	23	2	5
Bullock	134	87.1	98	15	21	28	89.3	23	0	5	107	86.6	75	15	17
Butler	264	78.3	199	23	42	124	84.3	99	5	20	140	73.6	100	18	22
Calhoun	1,792	78.0	1,344	163	285	1,250	78.1	985	62	203	542	77.8	359	101	82
Chambers	544	89.5	406	52	86	312	100.2	252	9	51	232	78.3	154	43	35
Cherokee	277	70.2	220	12	45	261	71.1	209	9	43	17	58.7	11	3	3
Chilton	690	81.1	551	26	113	606	82.7	491	15	100	84	71.5	60	11	13
Choctaw	168	83.9	132	9	27	101	92.2	83	1	17	68	74.0	49	8	11
Clarke	386	94.5	298	26	62	192	97.9	157	3	32	195	91.4	141	23	31
Clay	212	87.9	168	9	35	170	85.7	137	5	28	42	97.9	31	4	7
Cleburne	236	90.9	192	5	39	225	91.7	184	4	37	11	77.5	8	1	2
Coffee	863	85.4	694	27	142	643	85.6	527	10	106	219	84.8	167	17	35
Colbert	774	73.8	614	34	126	637	77.4	516	16	105	137	60.6	98	18	21
Conecuh	170	92.9	131	12	27	92	116.1	74	3	15	78	75.1	57	9	12
Coosa	102	69.4	80	5	17	73	73.9	61	0	12	28	60.0	19	5	4
Covington	503	77.9	408	12	83	441	84.0	362	6	73	62	51.3	46	6	10
Crenshaw	202	86.4	162	7	33	146	91.0	121	1	24	56	76.2	41	6	9
Cullman	1,229	76.1	984	44	201	1,196	77.3	959	41	196	33	49.5	25	3	5
Dale	849	90.4	689	20	140	634	98.3	524	5	105	215	73.1	165	15	35
Dallas	572	84.0	411	72	89	109	74.8	85	6	18	464	86.5	326	66	72
DeKalb	1,033	79.8	826	38	169	951	79.8	762	33	156	82	79.7	64	5	13
Elmore	1,198	67.4	916	90	192	877	68.6	699	35	143	321	64.5	217	55	49
Escambia	534	82.6	432	14	88	349	90.4	286	5	58	185	71.0	146	9	30
Etowah	1,514	80.8	1,174	96	244	1,175	80.5	940	43	192	339	82.1	234	53	52
Fayette	209	76.1	167	8	34	183	75.8	150	3	30	26	77.8	17	5	4
Franklin	530	93.8	429	14	87	491	95.0	398	12	81	39	81.1	31	2	6
Geneva	361	77.8	298	3	60	334	83.9	277	1	56	27	41.3	21	2	4
Greene	127	101.4	77	31	19	19	128.9	16	0	3	107	97.7	61	31	15
Hale	297	108.6	216	34	47	115	111.9	89	7	19	182	106.7	127	27	28

[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 PREGNANCIES[1], PREGNANCY RATES[2] AND PREGNANCY OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA, 2022

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	**76,564**	**77.3**	**58,162**	**6,154**	**12,248**	**50,059**	**78.1**	**40,018**	**1,852**	**8,189**	**26,505**	**75.7**	**18,144**	**4,302**	**4,059**
Henry	221	74.4	174	11	36	156	75.0	128	2	26	65	72.9	46	9	10
Houston	1,556	75.7	1,258	42	256	961	74.3	790	12	159	595	78.0	468	30	97
Jackson	689	75.4	556	20	113	655	78.8	531	16	108	34	41.3	25	4	5
Jefferson	10,866	77.9	7,749	1,425	1,692	5,543	80.0	4,344	300	899	5,324	75.8	3,405	1,125	794
Lamar	217	97.3	174	7	36	194	100.3	158	4	32	23	77.3	16	3	4
Lauderdale	1,228	64.0	957	72	199	1,064	66.8	845	45	174	164	50.2	112	27	25
Lawrence	459	79.3	366	18	75	419	93.5	338	12	69	40	30.8	28	6	6
Lee	2,627	62.2	1,981	227	419	1,852	62.6	1,462	89	301	775	61.3	519	138	118
Limestone	1,605	77.9	1,186	165	254	1,319	80.8	1,042	62	215	286	66.7	144	103	39
Lowndes	144	82.9	104	17	23	29	84.1	22	2	5	115	82.7	82	15	18
Macon	209	49.9	142	35	32	32	64.9	26	1	5	177	47.8	116	34	27
Madison	6,057	74.6	4,516	580	961	3,958	78.3	3,104	212	642	2,099	68.4	1,412	368	319
Marengo	288	85.7	218	24	46	128	94.2	105	2	21	160	79.9	113	22	25
Marion	406	83.8	318	22	66	386	84.7	309	14	63	20	68.3	9	8	3
Marshall	1,924	107.7	1,549	59	316	1,540	93.3	1,235	53	252	383	281.9	314	6	63
Mobile	6,284	75.9	5,004	254	1,026	3,358	75.2	2,740	64	554	2,926	76.7	2,264	190	472
Monroe	280	81.2	221	13	46	158	91.6	130	2	26	121	70.7	91	11	19
Montgomery	4,252	89.8	2,940	658	654	1,248	102.0	981	64	203	3,004	85.6	1,959	594	451
Morgan	1,920	86.2	1,485	125	310	1,571	89.2	1,249	66	256	348	75.0	236	59	53
Perry	134	87.1	98	15	21	24	61.6	19	1	4	110	95.7	79	14	17
Pickens	263	80.9	192	30	41	131	75.0	104	6	21	132	87.8	88	24	20
Pike	493	60.2	373	41	79	250	57.0	202	7	41	243	64.0	171	34	38
Randolph	320	82.0	251	17	52	260	88.9	210	7	43	60	61.5	41	10	9
Russell	1,113	93.0	800	139	174	566	105.0	443	31	92	547	83.1	357	108	82
St. Clair	1,285	75.5	1,014	62	209	1,133	78.6	911	36	186	152	58.4	103	26	23
Shelby	3,105	69.3	2,443	158	504	2,521	73.5	2,033	74	414	584	55.8	410	84	90
Sumter	182	67.4	129	25	28	42	54.3	34	1	7	140	72.7	95	24	21
Talladega	1,156	77.9	870	102	184	728	81.5	580	29	119	428	72.5	290	73	65
Tallapoosa	470	70.1	361	33	76	289	66.9	235	6	48	181	76.0	126	27	28
Tuscaloosa	3,622	62.4	2,539	523	560	1,852	52.7	1,416	139	297	1,770	77.3	1,123	384	263
Walker	1,024	91.2	825	31	168	890	88.4	720	24	146	134	115.4	105	7	22
Washington	239	94.2	196	3	40	167	103.2	138	1	28	72	78.5	58	2	12
Wilcox	144	80.9	113	8	23	29	76.6	24	0	5	116	82.1	89	8	19
Winston	334	85.5	273	6	55	325	86.6	266	5	54	10	59.7	7	1	2

[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 RATES[1] BY RACE AND AGE GROUP OF FEMALE
ALABAMA, 2012-2022

AGE GROUP OF FEMALE	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
TOTAL											
Total (ages 15-44)	82.2	81.2	82.2	80.6	82.5	82.3	81.6	82.8	81.3	80.7	77.3
10 - 19	27.7	24.2	22.5	20.7	20.3	19.2	18	18.1	17.3	16.3	15.0
10 - 14	1.0	0.8	0.7	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.5
15 - 17	26.1	21.7	20.4	18.4	18.4	16	15.3	14.0	14.1	13.9	12.5
18 - 19	96.7	85.6	79.6	72.6	70.1	69	65	67.6	64.1	59.4	53.0
20 - 44	72.4	72.9	74.6	73.9	75.7	75.7	75.3	76.6	75.5	75.7	73.3
WHITE											
Total (ages 15-44)	79.2	78.7	80.2	79.8	80.8	80.8	79.6	78.8	77.2	78.1	78.1
10 - 19	23.6	21.3	20.3	18.6	17.6	17.1	15.6	15.0	14.6	13.6	13.8
10 - 14	0.5	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
15 - 17	21.5	18.5	17.9	15.4	14.9	13.3	11.6	10.9	10.9	10.6	11.1
18 - 19	85.5	78.0	73.8	68.1	63.1	63.4	59.1	57.4	55.2	51.1	49.4
20 - 44	69.8	70.3	72.3	72.7	73.9	73.2	73.2	72.8	71.7	73.5	74.1
BLACK AND OTHER											
Total (ages 15-44)	87.9	86.0	85.9	82.1	85.5	86.4	85.3	90.1	88.8	85.4	75.7
10 - 19	35.0	29.4	26.6	24.5	26.6	26.6	22.4	23.7	22.4	21.2	17.2
10 - 14	1.8	1.6	1.2	1.0	1.0	0.8	0.8	0.9	0.9	0.9	0.7
15 - 17	34.0	27.4	24.8	23.7	24.5	20.7	21.8	19.5	19.8	19.8	14.9
18 - 19	116.1	98.8	89.8	80.5	82.3	78.9	75.4	85.8	80.0	74.4	59.6
20 - 44	77.6	78.0	79.0	76.0	79.3	80.6	79.3	83.6	82.6	79.8	72.0

[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, 2022

	AGE GROUP OF FEMALE						
	TOTAL	10-14	15-17	18-19	10-19	20 AND ABOVE	UNKNOWN
ESTIMATED PREGNANCIES[1]	**76,564**	**80**	**1,231**	**3,489**	**4,800**	**71,757**	**7**
White	50,059	39	708	2,094	2,841	47,213	5
Black and Other	26,505	41	523	1,395	1,959	24,544	2
ESTIMATED PREGNANCY RATES[2]	**77.3**	**0.5**	**12.5**	**53.0**	**15.0**	**73.3**	**--**
White	78.1	0.4	11.1	49.4	13.8	74.1	--
Black and Other	75.7	0.7	14.9	59.6	17.2	72.0	--
LIVE BIRTHS	**58,162**	**49**	**906**	**2,539**	**3,494**	**54,663**	**5**
White	40,018	29	548	1,625	2,202	37,812	4
Black and Other	18,144	20	358	914	1,292	16,851	1
ABORTIONS	**6,154**	**19**	**131**	**402**	**552**	**5,601**	**1**
White	1,852	4	46	131	181	1,671	0
Black and Other	4,302	15	85	271	371	3,930	1
ESTIMATED TOTAL FETAL LOSSES[3]	**12,248**	**12**	**194**	**548**	**754**	**11,493**	**1**
White	8,189	6	114	338	458	7,730	1
Black and Other	4,059	6	80	210	296	3,763	0
FEMALE POPULATION	**1,298,734**	**155,616**	**98,747**	**65,832**	**320,195**	**978,539**	**--**
White	843,825	100,277	63,620	42,414	206,311	637,514	--
Black and Other	454,909	55,339	35,127	23,418	113,884	341,025	--

[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 PREGNANCIES[1], PREGNANCY RATES[2] AND PREGNANCY OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA 2022

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	**4,800**	**15.0**	**3,494**	**552**	**754**	**2,841**	**13.8**	**2,202**	**181**	**458**	**1,959**	**17.2**	**1,292**	**371**	**296**
Autauga	35	9.0	26	3	6	26	9.7	22	0	4	8	7.2	4	3	1
Baldwin	150	10.3	123	2	25	119	9.8	98	1	20	31	12.3	25	1	5
Barbour	35	23.5	26	3	6	16	22.7	12	1	3	19	24.2	14	2	3
Bibb	22	19.7	18	0	4	19	22.4	16	0	3	2	10.0	2	0	0
Blount	60	15.6	46	4	10	56	15.6	43	4	9	4	16.4	3	0	1
Bullock	14	25.2	9	3	2	1	11.1	1	0	0	13	28.5	8	3	2
Butler	19	17.7	14	2	3	7	14.5	6	0	1	12	20.5	8	2	2
Calhoun	102	13.5	77	9	16	76	15.4	60	4	12	26	9.9	17	5	4
Chambers	43	22.2	33	3	7	29	29.8	22	2	5	14	14.7	11	1	2
Cherokee	29	21.9	23	1	5	26	22.2	21	1	4	2	19.0	2	0	0
Chilton	68	22.0	52	5	11	56	21.6	45	2	9	12	24.1	7	3	2
Choctaw	8	13.8	7	0	1	6	17.5	5	0	1	2	9.0	2	0	0
Clarke	21	16.0	13	5	3	6	9.4	5	0	1	15	22.4	8	5	2
Clay	17	22.0	12	2	3	13	22.3	10	1	2	4	20.8	2	1	1
Cleburne	13	14.2	11	0	2	13	15.5	11	0	2	0	0.0	0	0	0
Coffee	59	16.3	47	2	10	32	12.3	26	1	5	26	27.5	21	1	4
Colbert	41	12.2	32	2	7	36	14.0	29	1	6	5	6.3	3	1	1
Conecuh	13	22.3	11	0	2	8	32.3	7	0	1	5	14.5	4	0	1
Coosa	5	10.8	4	0	1	5	17.4	4	0	1	0	0.0	0	0	0
Covington	44	20.4	37	0	7	41	23.4	34	0	7	4	8.3	3	0	1
Crenshaw	8	9.9	7	0	1	7	12.2	6	0	1	1	4.7	1	0	0
Cullman	84	15.6	65	5	14	80	15.9	63	4	13	4	12.0	2	1	1
Dale	61	21.2	50	1	10	44	23.0	37	0	7	17	17.6	13	1	3
Dallas	60	25.2	40	11	9	8	17.7	6	1	1	52	27.0	34	10	8
DeKalb	95	19.5	74	6	15	82	18.6	63	6	13	13	27.8	11	0	2
Elmore	59	11.3	44	6	9	33	8.8	25	3	5	26	17.5	19	3	4
Escambia	46	20.0	37	1	8	29	21.4	24	0	5	17	17.9	13	1	3
Etowah	120	20.9	93	8	19	87	19.6	67	6	14	33	25.1	26	2	5
Fayette	14	16.2	12	0	2	11	14.0	9	0	2	4	29.5	3	0	1
Franklin	51	24.8	41	2	8	48	25.4	38	2	8	4	19.5	3	0	1
Geneva	24	14.5	20	0	4	22	15.4	18	0	4	2	9.6	2	0	0
Greene	14	30.9	7	5	2	2	44.4	2	0	0	12	29.0	5	5	2
Hale	21	24.1	12	6	3	7	20.7	3	3	1	14	26.2	9	3	2

[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 PREGNANCIES[1], PREGNANCY RATES[2] AND PREGNANCY OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF FEMALE, ALABAMA 2022

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	**4,800**	**15.0**	**3,494**	**552**	**754**	**2,841**	**13.8**	**2,202**	**181**	**458**	**1,959**	**17.2**	**1,292**	**371**	**296**
Henry	14	14.9	11	1	2	10	14.3	8	0	2	5	16.2	3	1	1
Houston	131	20.5	107	2	22	64	16.4	52	1	11	67	26.6	55	1	11
Jackson	45	15.6	36	2	7	45	17.5	36	2	7	0	0.0	0	0	0
Jefferson	602	14.1	395	116	91	221	10.7	160	26	35	381	17.2	235	90	56
Lamar	18	22.2	15	0	3	17	23.9	14	0	3	1	11.4	1	0	0
Lauderdale	61	9.8	46	5	10	53	10.7	41	3	9	8	6.5	5	2	1
Lawrence	43	21.6	33	3	7	38	24.6	30	2	6	5	10.9	3	1	1
Lee	121	9.7	86	16	19	70	8.1	52	7	11	51	13.4	34	9	8
Limestone	82	12.2	60	9	13	72	13.6	55	5	12	10	7.0	5	4	1
Lowndes	14	24.7	9	3	2	4	31.0	3	0	1	11	23.1	6	3	2
Macon	15	10.7	8	5	2	1	9.2	1	0	0	14	10.9	7	5	2
Madison	273	10.8	174	58	41	152	10.0	105	24	23	120	12.1	69	34	17
Marengo	13	11.1	8	3	2	2	5.1	2	0	0	11	15.4	6	3	2
Marion	44	26.6	34	3	7	41	26.2	32	2	7	4	31.5	2	1	1
Marshall	181	27.0	144	7	30	145	23.9	117	4	24	36	57.5	27	3	6
Mobile	401	15.5	311	25	65	165	12.1	132	6	27	236	19.2	179	19	38
Monroe	21	18.9	16	2	3	11	18.6	8	1	2	11	19.2	8	1	2
Montgomery	289	19.9	190	55	44	86	22.4	67	5	14	203	18.9	123	50	30
Morgan	130	16.8	98	11	21	111	18.2	86	7	18	19	11.5	12	4	3
Perry	12	22.0	9	1	2	0	0.0	0	0	0	12	29.2	9	1	2
Pickens	14	15.0	11	1	2	8	16.8	7	0	1	6	13.1	4	1	1
Pike	27	11.0	17	6	4	13	9.8	10	1	2	14	12.5	7	5	2
Randolph	24	17.1	17	3	4	18	17.6	13	2	3	6	15.5	4	1	1
Russell	67	18.6	44	13	10	26	16.6	21	1	4	41	20.1	23	12	6
St. Clair	76	13.7	58	6	12	68	14.6	54	3	11	8	9.3	4	3	1
Shelby	111	7.3	76	18	17	82	6.9	60	9	13	29	9.0	16	9	4
Sumter	19	23.0	10	6	3	2	10.2	2	0	0	16	28.2	8	6	2
Talladega	85	18.1	60	12	13	48	16.8	35	5	8	38	20.1	25	7	6
Tallapoosa	32	14.6	26	1	5	16	11.1	13	0	3	17	20.4	13	1	3
Tuscaloosa	233	11.9	147	51	35	84	6.7	55	16	13	149	21.1	92	35	22
Walker	92	24.2	72	5	15	80	24.1	63	4	13	12	25.1	9	1	2
Washington	13	15.4	10	1	2	7	13.7	6	0	1	6	18.3	4	1	1
Wilcox	12	20.3	10	0	2	1	11.0	1	0	0	11	22.4	9	0	2
Winston	28	21.4	23	0	5	28	22.8	23	0	5	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 RATES[1] BY RACE[2]
ALABAMA AND UNITED STATES, 1970-2022

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S.	ALABAMA		ALABAMA	
	NUMBER	RATE	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	5.7	259	6.8	266	12.9
2020	491	8.5	5.8	242	6.5	249	12.4
2021	510	8.8	5.8	253	6.5	257	13.4
2022	427	7.3	5.5	216	5.4	211	11.6

[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 1990-2022 are by race of mother for fetal deaths and live births.

TABLE 30
FETAL DEATHS AND FETAL DEATH RATES[1]
BY COUNTY OF RESIDENCE AND RACE OF MOTHER, ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**427**	**7.3**	**216**	**5.4**	**211**	**11.6**
Autauga	5	6.9	3	5.5	2	10.8
Baldwin	19	7.5	18	8.4	1	2.6
Barbour	2	7.4	0	---	2	14.7
Bibb	4	16.3	2	10.6	2	34.5
Blount	2	2.9	2	3.0	0	---
Bullock	1	10.2	0	---	1	13.3
Butler	3	15.1	0	---	3	30.0
Calhoun	13	9.7	7	7.1	6	16.7
Chambers	0	---	0	---	0	---
Cherokee	5	22.7	4	19.1	1	90.9
Chilton	3	5.4	3	6.1	0	---
Choctaw	0	---	0	---	0	---
Clarke	1	3.4	0	---	1	7.1
Clay	2	11.9	2	14.6	0	---
Cleburne	0	---	0	---	0	---
Coffee	2	2.9	1	1.9	1	6.0
Colbert	2	3.3	2	3.9	0	---
Conecuh	1	7.6	0	---	1	17.5
Coosa	0	---	0	---	0	---
Covington	5	12.3	4	11.0	1	21.7
Crenshaw	2	12.3	0	---	2	48.8
Cullman	6	6.1	5	5.2	1	40.0
Dale	6	8.7	3	5.7	3	18.2
Dallas	10	24.3	1	11.8	9	27.6
DeKalb	9	10.9	9	11.8	0	0.0
Elmore	9	9.8	6	8.6	3	13.8
Escambia	1	2.3	0	---	1	6.8
Etowah	13	11.1	9	9.6	4	17.1
Fayette	1	6.0	1	6.7	0	---
Franklin	1	2.3	1	2.5	0	---
Geneva	2	6.7	2	7.2	0	---
Greene	0	---	0	---	0	---
Hale	4	18.5	1	11.2	3	23.6
Henry	2	11.5	0	---	2	43.5
Houston	9	7.2	5	6.3	4	8.5
Jackson	5	9.0	4	7.5	1	40.0
Jefferson	74	9.5	20	4.6	54	15.9
Lamar	1	5.7	1	6.3	0	---
Lauderdale	2	2.1	2	2.4	0	---
Lawrence	2	5.5	2	5.9	0	---
Lee	11	5.6	6	4.1	5	9.6
Limestone	7	5.9	6	5.8	1	6.9
Lowndes	0	---	0	---	0	---
Macon	0	---	0	---	0	---
Madison	28	6.2	18	5.8	10	7.1
Marengo	0	---	0	---	0	---
Marion	1	3.1	1	3.2	0	---
Marshall	6	3.9	5	4.0	1	3.2
Mobile	44	8.8	16	5.8	28	12.4
Monroe	2	9.0	1	7.7	1	11.0
Montgomery	30	10.2	5	5.1	25	12.8
Morgan	8	5.4	7	5.6	1	4.2
Perry	2	20.4	0	---	2	25.3
Pickens	2	10.4	1	9.6	1	11.4
Pike	2	5.4	1	5.0	1	5.8
Randolph	1	4.0	1	4.8	0	---
Russell	6	7.5	6	13.5	0	---
St. Clair	2	2.0	2	2.2	0	---
Shelby	9	3.7	7	3.4	2	4.9
Sumter	1	7.8	1	29.4	0	0.0
Talladega	6	6.9	4	6.9	2	6.9
Tallapoosa	1	2.8	0	---	1	7.9
Tuscaloosa	24	9.5	5	3.5	19	16.9
Walker	2	2.4	2	2.8	0	---
Washington	1	5.1	1	7.2	0	---
Wilcox	2	17.7	0	---	2	22.5
Winston	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 RATES[1] BY RACE
ALABAMA AND UNITED STATES[2], 1970-2022

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S.	ALABAMA		U.S.	ALABAMA		U.S.
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	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
2022	62,241	12.3	9.8	46,966	13.4	10.8	15,275	9.7	6.9

[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, 1970-2022

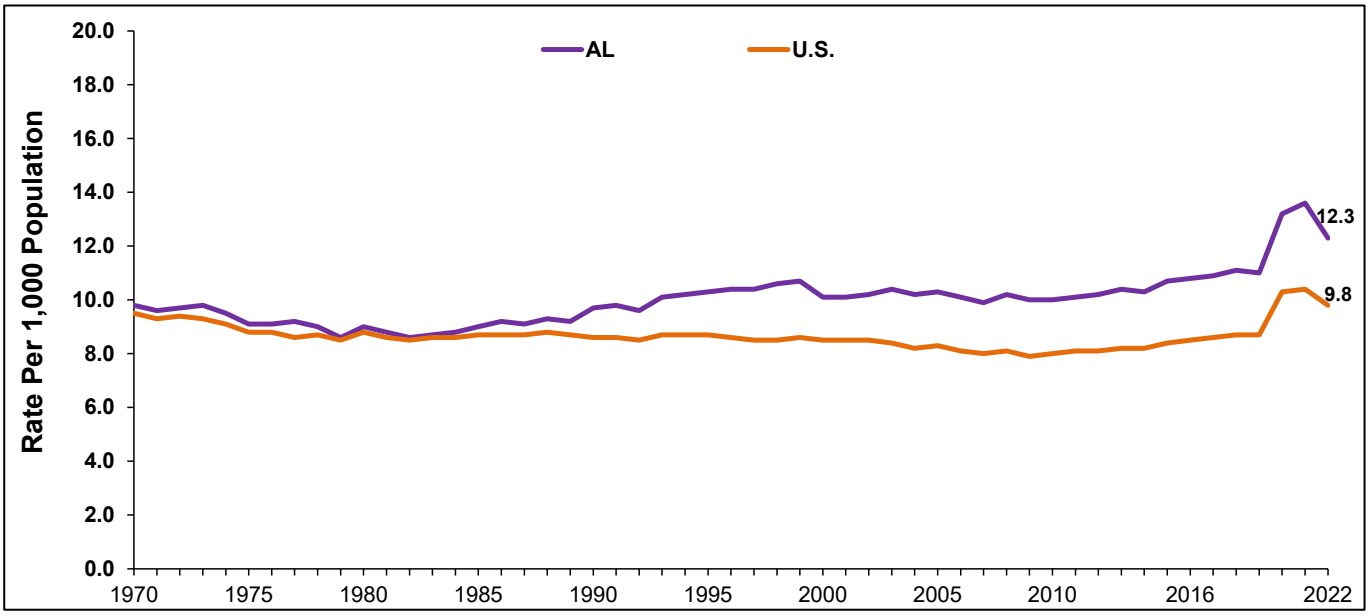


FIGURE 9. DEATH RATES BY RACE

ALABAMA, 1970-2022

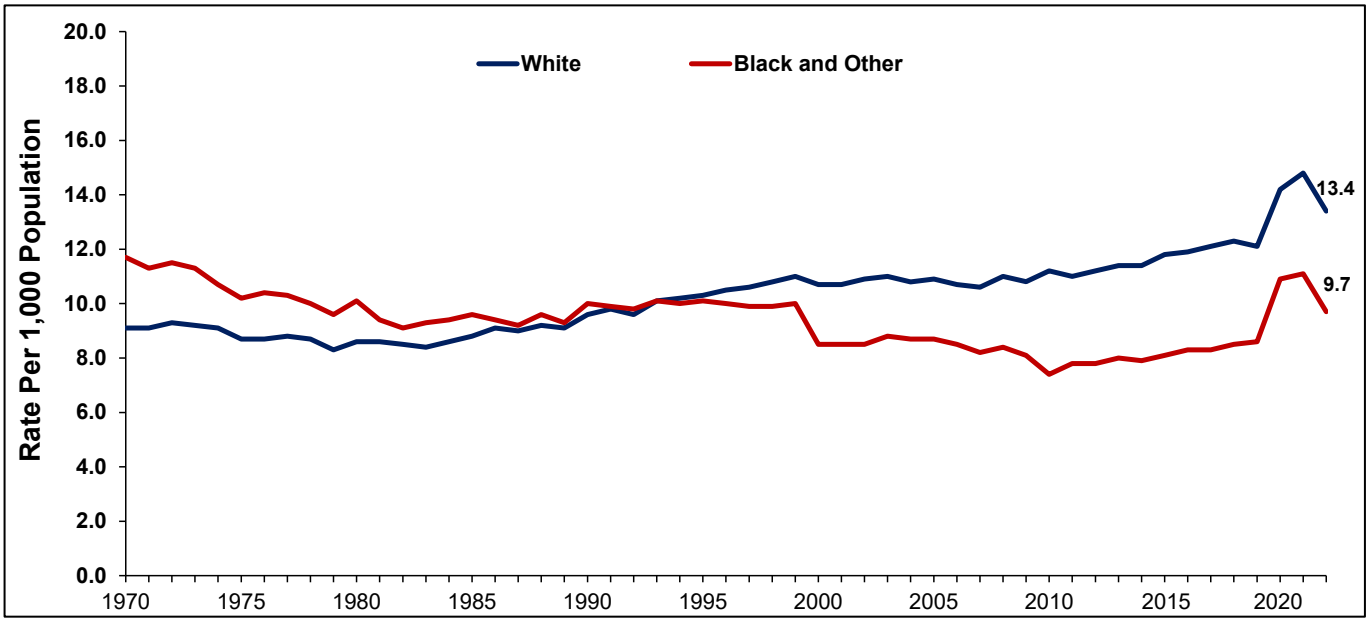


TABLE 32
DEATHS AND DEATH RATES[1] BY COUNTY OF RESIDENCE AND RACE
ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**62,241**	**12.3**	**46,966**	**13.4**	**15,275**	**9.7**
Autauga	640	10.7	511	11.4	129	8.6
Baldwin	2,776	11.3	2,558	11.9	218	7.0
Barbour	338	13.7	195	16.1	143	11.4
Bibb	269	12.2	230	13.7	39	7.5
Blount	827	13.9	812	14.3	15	5.5
Bullock	127	12.4	26	9.1	101	13.7
Butler	302	16.2	176	18.1	126	14.1
Calhoun	1,739	15.0	1,467	17.2	272	9.0
Chambers	508	14.9	333	17.2	175	11.9
Cherokee	409	16.2	395	16.8	14	7.6
Chilton	600	13.1	541	13.5	59	9.9
Choctaw	210	16.9	125	17.5	85	16.1
Clarke	379	16.8	218	18.4	161	15.1
Clay	221	15.6	189	16.0	32	13.3
Cleburne	220	14.3	215	14.8	5	5.9
Coffee	629	11.5	505	12.2	124	9.4
Colbert	832	14.3	702	15.0	130	11.5
Conecuh	199	17.8	118	20.6	81	14.8
Coosa	164	16.1	123	17.7	41	12.7
Covington	666	17.7	593	18.8	73	12.0
Crenshaw	222	17.0	170	18.2	52	14.1
Cullman	1,238	13.7	1,217	14.0	21	5.4
Dale	617	12.5	501	13.9	116	8.6
Dallas	549	14.9	200	19.9	349	13.1
DeKalb	963	13.4	938	14.1	25	4.6
Elmore	964	10.8	796	11.9	168	7.4
Escambia	563	15.4	404	17.7	159	11.5
Etowah	1,741	16.9	1,506	18.1	235	11.9
Fayette	275	17.1	252	18.2	23	10.1
Franklin	461	14.4	435	14.9	26	9.2
Geneva	428	16.0	384	16.6	44	12.2
Greene	121	16.3	25	18.5	96	15.8
Hale	236	16.2	111	18.5	125	14.6
Henry	253	14.3	185	14.5	68	14.0
Houston	1,388	12.8	1,039	14.1	349	10.1
Jackson	875	16.5	846	17.5	29	6.3
Jefferson	8,112	12.2	4,599	13.1	3,513	11.2
Lamar	237	17.3	213	17.8	24	13.7
Lauderdale	1,279	13.3	1,174	14.2	105	7.9
Lawrence	486	14.6	418	16.0	68	9.6
Lee	1,416	7.8	1,028	8.1	388	7.3
Limestone	1,088	9.8	975	11.0	113	5.1
Lowndes	181	18.5	55	22.3	126	17.2
Macon	263	14.2	51	15.2	212	14.0
Madison	3,925	9.7	3,052	11.1	873	6.8
Marengo	285	15.2	143	16.4	142	14.1
Marion	431	14.8	417	15.3	14	7.5
Marshall	1,347	13.5	1,309	14.2	38	5.0
Mobile	4,991	12.1	3,260	13.6	1,731	10.1
Monroe	293	15.1	173	16.3	120	13.7
Montgomery	2,483	11.0	1,154	15.2	1,329	8.8
Morgan	1,613	13.0	1,443	14.2	170	7.6
Perry	123	15.3	44	19.1	79	13.8
Pickens	258	13.8	162	14.8	96	12.4
Pike	390	11.8	240	12.7	150	10.6
Randolph	335	14.9	287	16.3	48	9.9
Russell	714	12.2	422	14.8	292	9.8
St. Clair	1,225	13.0	1,117	13.8	108	8.3
Shelby	1,859	8.1	1,653	8.9	206	4.7
Sumter	159	13.4	43	13.3	116	13.5
Talladega	1,163	14.4	872	16.8	291	10.1
Tallapoosa	633	15.4	497	17.1	136	11.4
Tuscaloosa	2,111	8.9	1,448	9.6	663	7.7
Walker	1,114	17.3	1,057	18.1	57	9.6
Washington	224	14.8	176	17.5	48	9.5
Wilcox	157	15.6	49	16.9	108	15.1
Winston	397	16.7	394	17.3	3	2.9

[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, 2022

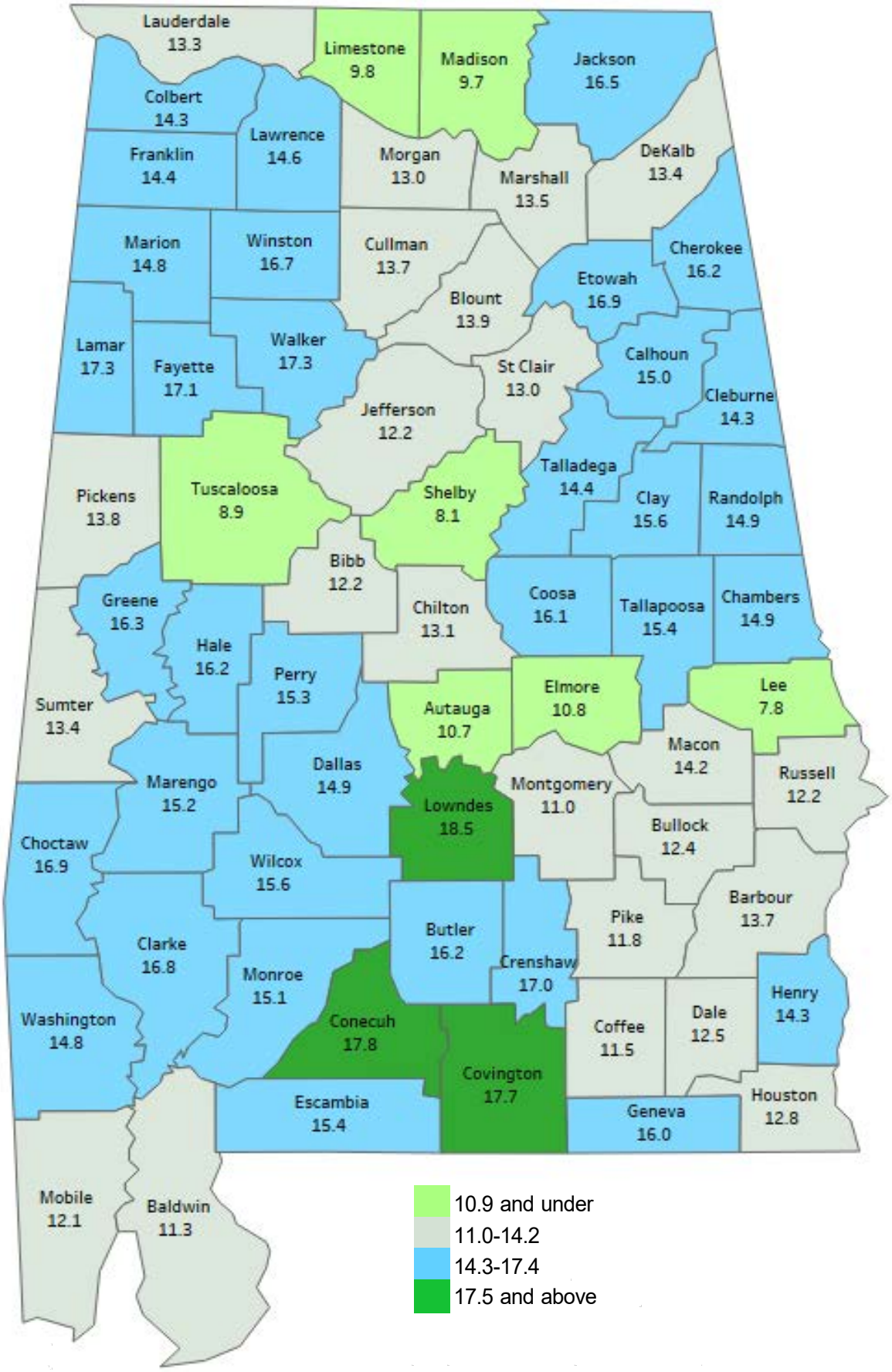


TABLE 33
DEATHS AND DEATH RATES[1] BY COUNTY OF RESIDENCE AND SEX
ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**62,241**	**12.3**	**32,573**	**13.2**	**29,668**	**11.4**
Autauga	640	10.7	335	11.5	305	9.9
Baldwin	2,776	11.3	1,494	12.4	1,282	10.2
Barbour	338	13.7	187	14.3	151	13.0
Bibb	269	12.2	147	12.5	122	11.9
Blount	827	13.9	436	14.7	391	13.1
Bullock	127	12.4	71	12.6	56	12.3
Butler	302	16.2	149	17.0	153	15.5
Calhoun	1,739	15.0	906	16.1	833	14.0
Chambers	508	14.9	267	16.4	241	13.5
Cherokee	409	16.2	235	18.4	174	13.9
Chilton	600	13.1	331	14.7	269	11.5
Choctaw	210	16.9	110	18.6	100	15.3
Clarke	379	16.8	191	17.8	188	15.9
Clay	221	15.6	118	16.9	103	14.2
Cleburne	220	14.3	117	15.3	103	13.4
Coffee	629	11.5	300	11.0	329	11.9
Colbert	832	14.3	443	15.8	389	12.9
Conecuh	199	17.8	112	20.7	87	15.0
Coosa	164	16.1	72	14.1	92	18.2
Covington	666	17.7	345	18.9	321	16.6
Crenshaw	222	17.0	116	18.2	106	15.9
Cullman	1,238	13.7	661	14.6	577	12.7
Dale	617	12.5	331	13.6	286	11.3
Dallas	549	14.9	308	17.9	241	12.3
DeKalb	963	13.4	510	14.2	453	12.6
Elmore	964	10.8	505	11.6	459	10.0
Escambia	563	15.4	284	15.5	279	15.2
Etowah	1,741	16.9	860	17.1	881	16.7
Fayette	275	17.1	153	19.3	122	14.9
Franklin	461	14.4	257	16.1	204	12.8
Geneva	428	16.0	237	18.0	191	14.0
Greene	121	16.3	70	20.3	51	12.8
Hale	236	16.2	124	17.9	112	14.6
Henry	253	14.3	141	16.4	112	12.3
Houston	1,388	12.8	713	13.7	675	12.0
Jackson	875	16.5	485	18.6	390	14.6
Jefferson	8,112	12.2	4,098	13.0	4,014	11.5
Lamar	237	17.3	110	16.2	127	18.3
Lauderdale	1,279	13.3	661	14.3	618	12.4
Lawrence	486	14.6	248	15.2	238	14.1
Lee	1,416	7.8	749	8.4	667	7.3
Limestone	1,088	9.8	555	9.9	533	9.7
Lowndes	181	18.5	103	21.9	78	15.3
Macon	263	14.2	147	17.4	116	11.5
Madison	3,925	9.7	2,037	10.2	1,888	9.2
Marengo	285	15.2	159	17.9	126	12.8
Marion	431	14.8	224	15.5	207	14.1
Marshall	1,347	13.5	675	13.7	672	13.4
Mobile	4,991	12.1	2,649	13.5	2,342	10.9
Monroe	293	15.1	160	17.2	133	13.2
Montgomery	2,483	11.0	1,305	12.3	1,178	9.8
Morgan	1,613	13.0	846	13.7	767	12.2
Perry	123	15.3	71	18.9	52	12.2
Pickens	258	13.8	138	14.5	120	13.1
Pike	390	11.8	203	12.8	187	10.9
Randolph	335	14.9	188	17.1	147	12.8
Russell	714	12.2	380	13.6	334	10.9
St. Clair	1,225	13.0	660	14.2	565	11.9
Shelby	1,859	8.1	978	8.7	881	7.5
Sumter	159	13.4	89	16.3	70	11.0
Talladega	1,163	14.4	636	16.1	527	12.8
Tallapoosa	633	15.4	323	16.1	310	14.8
Tuscaloosa	2,111	8.9	1,088	9.5	1,023	8.3
Walker	1,114	17.3	575	18.3	539	16.3
Washington	224	14.8	120	16.1	104	13.5
Wilcox	157	15.6	86	18.3	71	13.2
Winston	397	16.7	191	16.1	206	17.3

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

TABLE 34
RESIDENT DEATHS AND DEATH RATES[1]
BY MONTH OF OCCURRENCE, ALABAMA, 2022

MONTH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**62,241**	**12.3**	**46,966**	**13.4**	**15,275**	**9.7**
January	6,796	15.8	5,088	17.1	1,708	12.7
February	6,060	15.6	4,626	17.3	1,434	11.8
March	5,111	11.9	3,835	12.9	1,276	9.5
April	4,610	11.1	3,428	11.9	1,182	9.1
May	4,686	10.9	3,545	11.9	1,141	8.5
June	4,720	11.3	3,577	12.5	1,143	8.8
July	4,957	11.5	3,742	12.6	1,215	9.1
August	4,885	11.3	3,667	12.4	1,218	9.1
September	4,810	11.5	3,655	12.7	1,155	8.9
October	5,191	12.0	3,921	13.2	1,270	9.5
November	5,003	12.0	3,806	13.3	1,197	9.2
December	5,412	12.6	4,076	13.7	1,336	10.0

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

TABLE 35
RESIDENT DEATHS AND DEATH RATES[1] BY SELECTED CAUSES[2], RACE AND SEX
ALABAMA, 2022

CAUSE OF DEATH	TOTAL		WHITE				BLACK AND OTHER			
	TOTAL	RATE	MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	**62,241**	**1,226.6**	**24,396**	**1,414.5**	**22,570**	**1,275.5**	**8,177**	**1,101.0**	**7,098**	**847.6**
Salmonella infections (A01-A02)	1	0.0	1	0.1	0	0.0	0	0.0	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)	96	1.9	32	1.9	45	2.5	10	1.3	9	1.1
Tuberculosis (A16–A19)	8	0.2	3	0.2	2	0.1	1	0.1	2	0.2
Respiratory tuberculosis (A16)	6	0.1	2	0.1	2	0.1	1	0.1	1	0.1
Other tuberculosis (A17–A19)	2	0.0	1	0.1	0	0.0	0	0.0	1	0.1
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	0	0.0	0	0.0	1	0.1	0	0.0
Septicemia (A40–A41)	1,176	23.2	407	23.6	407	23.0	185	24.9	177	21.1
Syphilis (A50–A53)	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
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)	56	1.1	21	1.2	19	1.1	10	1.3	6	0.7
Human immunodeficiency virus (B20–B24)	83	1.6	21	1.2	4	0.2	38	5.1	20	2.4
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)	3,730	73.5	1,635	94.8	1,222	69.1	428	57.6	445	53.1
COVID-19 (U07.1)	3,557	70.1	1,571	91.1	1,165	65.8	404	54.4	417	49.8
Malignant neoplasms (C00–C97)	10,297	202.9	4,249	246.4	3,613	204.2	1,227	165.2	1,208	144.2
Lip, oral cavity and pharynx (C00–C14)	226	4.5	118	6.8	61	3.4	35	4.7	12	1.4
Esophagus (C15)	234	4.6	160	9.3	30	1.7	32	4.3	12	1.4
Stomach (C16)	189	3.7	74	4.3	49	2.8	35	4.7	31	3.7
Colon, rectum and anus (C18–C21)	991	19.5	403	23.4	322	18.2	141	19.0	125	14.9
Liver and intrahepatic bile ducts (C22)	486	9.6	249	14.4	120	6.8	80	10.8	37	4.4
Pancreas (C25)	749	14.8	293	17.0	264	14.9	92	12.4	100	11.9
Larynx (C32)	77	1.5	49	2.8	11	0.6	12	1.6	5	0.6
Trachea, bronchus and lung (C33–C34)	2,508	49.4	1,101	63.8	925	52.3	291	39.2	191	22.8
Skin (C43)	146	2.9	108	6.3	37	2.1	1	0.1	0	0.0
Breast (C50)	721	14.2	3	0.2	491	27.7	1	0.1	226	27.0
Cervix uteri (C53)	102	2.0	…[3]	…[3]	68	3.8	…[3]	…[3]	34	4.1
Corpus uteri and uterus, part unspecified (C54–C55)	162	3.2	…[3]	…[3]	100	5.7	…[3]	…[3]	62	7.4
Ovary (C56)	194	3.8	…[3]	…[3]	150	8.5	…[3]	…[3]	44	5.3
Prostate (C61)	487	9.6	333	19.3	…[3]	…[3]	154	20.7	…[3]	…[3]
Kidney and renal pelvis (C64–C65)	230	4.5	116	6.7	70	4.0	29	3.9	15	1.8
Bladder (C67)	286	5.6	174	10.1	63	3.6	32	4.3	17	2.0
Meninges, brain and other parts of central nervous system (C70–C72)	304	6.0	149	8.6	114	6.4	18	2.4	23	2.7
Lymphoid, hematopoietic and related tissue (C81–C96)	864	17.0	362	21.0	283	16.0	113	15.2	106	12.7
Hodgkin's disease (C81)	17	0.3	10	0.6	4	0.2	3	0.4	0	0.0
Non-Hodgkin's lymphoma (C82–C85)	285	5.6	127	7.4	99	5.6	27	3.6	32	3.8
Leukemia (C91–C95)	354	7.0	161	9.3	123	7.0	41	5.5	29	3.5
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	202	4.0	62	3.6	54	3.1	41	5.5	45	5.4
Other and unspecified lymphoid, hematopoietic and related tissue (C96)	6	0.1	2	0.1	3	0.2	1	0.1	0	0.0
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)	1,341	26.4	557	32.3	455	25.7	161	21.7	168	20.1
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	206	4.1	91	5.3	83	4.7	18	2.4	14	1.7
Anemias (D50–D64)	121	2.4	37	2.1	37	2.1	17	2.3	30	3.6
Diabetes mellitus (E10–E14)	1,638	32.3	613	35.5	446	25.2	321	43.2	258	30.8

[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 is not applicable.

TABLE 35 (Continued)
RESIDENT DEATHS AND DEATH RATES[1] BY SELECTED CAUSES[2], RACE AND SEX
ALABAMA, 2022

CAUSE OF DEATH	TOTAL		WHITE				BLACK AND OTHER			
	TOTAL	RATE	MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	**62,241**	**1,226.6**	**24,396**	**1,414.5**	**22,570**	**1,275.5**	**8,177**	**1,101.0**	**7,098**	**847.6**
Nutritional deficiencies (E40–E64)	607	12.0	160	9.28	343	19.4	40	5.4	64	7.6
Malnutrition (E40–E46)	603	11.9	159	9.2	341	19.3	40	5.4	63	7.5
Other nutritional deficiencies (E50–E64)	4	0.1	1	0.1	2	0.1	0	0.0	1	0.1
Meningitis (G00,G03)	11	0.2	2	0.1	2	0.1	2	0.3	5	0.6
Parkinson's disease (G20–G21)	693	13.7	341	19.8	288	16.3	42	5.7	22	2.6
Alzheimer's disease (G30)	2,651	52.2	714	41.4	1,525	86.2	108	14.5	304	36.3
Major cardiovascular diseases (I00–I78)	19,448	383.3	7,553	437.9	6,930	391.6	2,609	351.3	2,356	281.3
Diseases of the heart (I00–I09, I11, I13, I20–I51)	14,929	294.2	6,122	355.0	5,154	291.3	1,941	261.4	1,712	204.4
Acute rheumatic fever and chronic rheumatic heart diseases (I00–I09)	50	1.0	14	0.8	28	1.6	4	0.5	4	0.5
Hypertensive heart disease (I11)	1,642	32.4	541	31.4	671	37.9	237	31.9	193	23.0
Hypertensive heart and renal disease (I13)	514	10.1	166	9.6	229	12.9	45	6.1	74	8.8
Ischemic heart diseases (I20–I25)	4,934	97.2	2,409	139.7	1,493	84.4	586	78.9	446	53.3
Acute myocardial infarction (I21–I22)	1,537	30.3	784	45.5	405	22.9	204	27.5	144	17.2
Other acute ischemic heart diseases (I24)	36	0.7	16	0.9	10	0.6	7	0.9	3	0.4
Other forms of chronic ischemic heart disease (I20, I25)	3,361	66.2	1,609	93.3	1,078	60.9	375	50.5	299	35.7
Atherosclerotic cardiovascular disease, so described (I25.0)	843	16.6	379	22.0	268	15.1	120	16.2	76	9.1
All other forms of chronic ischemic heart disease (I20,I25.1–I25.9)	2,518	49.6	1,230	71.3	810	45.8	255	34.3	223	26.6
Other heart diseases (I26–I51)	7,789	153.5	2,992	173.5	2,733	154.5	1,069	143.9	995	118.8
Acute and subacute endocarditis (I33)	29	0.6	14	0.8	8	0.5	4	0.5	3	0.4
Diseases of pericardium and acute myocarditis (I30–I31, I40)	11	0.2	4	0.2	2	0.1	0	0.0	5	0.6
Heart failure (I50)	2,545	50.2	931	54.0	1,010	57.1	295	39.7	309	36.9
All other forms of heart disease (I26–I28, I34–I38, I42–I49, I51)	5,204	102.6	2,043	118.5	1,713	96.8	770	103.7	678	81.0
Essential (primary) hypertension and hypertensive renal disease (I10, I12, I15)	844	16.6	265	15.4	271	15.3	159	21.4	149	17.8
Cerebrovascular diseases (I60–I69)	3,285	64.7	999	57.9	1,384	78.2	460	61.9	442	52.8
Atherosclerosis (I70)	83	1.6	33	1.9	25	1.4	8	1.1	17	2.0
Other diseases of circulatory system (I71–I78)	304	6.0	133	7.7	94	5.3	41	5.5	36	4.3
Aortic aneurysm and dissection (I71)	144	2.8	73	4.2	40	2.3	18	2.4	13	1.6
Other diseases of arteries, arterioles and capillaries (I72–I78)	160	3.2	60	3.5	54	3.1	23	3.1	23	2.7
Other disorders of circulatory system (I80–I99)	163	3.2	64	3.7	59	3.3	18	2.4	22	2.6
Influenza and pneumonia (J09–J18)	954	18.8	395	22.9	362	20.5	101	13.6	96	11.5
Influenza (J09–J11)	92	1.8	47	2.7	29	1.6	6	0.8	10	1.2
Pneumonia (J12–J18)	862	17.0	348	20.2	333	18.8	95	12.8	86	10.3
Other acute lower respiratory infections (J20–J22, U04)	6	0.1	4	0.2	2	0.1	0	0.0	0	0.0
Acute bronchitis and bronchiolitis (J20–J21)	3	0.1	2	0.1	1	0.1	0	0.0	0	0.0
Unspecified acute lower respiratory infection (J22, U04)	3	0.1	2	0.1	1	0.1	0	0.0	0	0.0
Chronic lower respiratory diseases (J40–J47)	3,149	62.1	1,243	72.1	1,530	86.5	215	28.9	161	19.2
Bronchitis, chronic and unspecified (J40–J42)	15	0.3	5	0.3	7	0.4	2	0.3	1	0.1
Emphysema (J43)	116	2.3	54	3.1	45	2.5	10	1.3	7	0.8
Asthma (J45–J46)	48	0.9	8	0.5	20	1.1	13	1.8	7	0.8
Other chronic lower respiratory diseases (J44, J47)	2,970	58.5	1,176	68.2	1,458	82.4	190	25.6	146	17.4
Pneumoconiosis and chemical effects (J60–J66, J68)	8	0.2	6	0.3	0	0.0	2	0.3	0	0.0
Pneumonitis due to solids and liquids (J69)	328	6.5	140	8.1	117	6.6	37	5.0	34	4.1
Other diseases of the respiratory system (J00–J06, J30–J39, J67, J70–J98)	1,113	21.9	465	27.0	433	24.5	109	14.7	106	12.7
Peptic ulcer (K25–K28)	49	1.0	13	0.8	17	1.0	13	1.8	6	0.7
Diseases of the appendix (K35–K38)	10	0.2	4	0.2	4	0.2	1	0.1	1	0.1
Hernia (K40–K46)	34	0.7	13	0.8	15	0.8	5	0.7	1	0.1
Chronic liver disease and cirrhosis (K70, K73–K74)	966	19.0	492	28.5	322	18.2	103	13.9	49	5.9
Alcoholic liver disease (K70)	332	6.5	194	11.2	83	4.7	43	5.8	12	1.4
Other chronic liver disease and cirrhosis (K73–K74)	634	12.5	298	17.3	239	13.5	60	8.1	37	4.4

[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 RATES[1] BY SELECTED CAUSES[2], RACE AND SEX
ALABAMA, 2022

CAUSE OF DEATH	TOTAL		WHITE				BLACK AND OTHER			
	TOTAL	RATE	MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	**62,241**	**1,226.6**	**24,396**	**1,414.5**	**22,570**	**1,275.5**	**8,177**	**1,101.0**	**7,098**	**847.6**
Cholelithiasis and other gallbladder disorders (K80–K82)	54	1.1	12	0.7	23	1.3	6	0.8	13	1.6
Nephritis, nephrotic syndrome and nephrosis (N00–N07, N17–N19, N25–N27)	1,323	26.1	444	25.7	407	23.0	237	31.9	235	28.1
Acute and rapidly progressive nephritic and nephotic syndrome (N00–N01, N04)	10	0.2	3	0.2	4	0.2	2	0.3	1	0.1
Chronic glomerulonephritis nephritis and nephritis not specified as acute and renal sclerosis (N02–N03, N05–N07, N26)	1	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Renal failure (N17–N19)	1,311	25.8	440	25.5	403	22.8	235	31.6	233	27.8
Other disorders of kidney (N25, N27)	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
Infections of kidney (N10–N12, N13.6, N15.1)	22	0.4	9	0.5	6	0.3	3	0.4	4	0.5
Hyperplasia of prostate (N40)	3	0.1	2	0.1	…[3]	…[3]	1	0.1	…[3]	…[3]
Inflammatory diseases of female pelvic organs (N70–N76)	2	0.0	…[3]	…[3]	1	0.1	…[3]	…[3]	1	0.1
Pregnancy, childbirth and the puerperium (O00–O99)	23	0.5	…[3]	…[3]	7	0.4	…[3]	…[3]	16	1.9
Pregnancy with abortive outcome (O00–O07)	0	0.0	…[3]	…[3]	0	0.0	…[3]	…[3]	0	0.0
Other complications of pregnancy, childbirth and the puerperium (O10–O99)	23	0.5	…[3]	…[3]	7	0.4	…[3]	…[3]	16	1.9
Certain conditions originating in the perinatal period (P00–P96)	154	3.0	31	1.8	29	1.6	54	7.3	40	4.8
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	163	3.2	64	3.7	48	2.7	24	3.2	27	3.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	1,055	20.8	362	21.0	288	16.3	224	30.2	181	21.6
All other diseases (residual)	6,670	131.4	2,291	132.8	2,841	160.6	699	94.1	839	100.2
Accidents (V01–X59, Y85–Y86)	3,492	68.8	1,692	98.1	856	48.4	702	94.5	242	28.9
Transport accidents (V01–V99,Y85)	1,071	21.1	521	30.2	205	11.6	268	36.1	77	9.2
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)	1,033	20.4	499	28.9	203	11.5	257	34.6	74	8.8
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)	20	0.4	12	0.7	0	0.0	7	0.9	1	0.1
Water, air, space and other and unspecified transport accidents and their sequelae (V90–V99, Y85)	18	0.4	10	0.6	2	0.1	4	0.5	2	0.2
Nontransport accidents (W00–X59, Y86)	2,421	47.7	1,171	67.9	651	36.8	434	58.4	165	19.7
Falls (W00–W19)	320	6.3	166	9.6	116	6.6	28	3.8	10	1.2
Accidental discharge of firearms (W32–W34)	24	0.5	12	0.7	2	0.1	9	1.2	1	0.1
Accidental drowning and submersion (W65–W74)	81	1.6	44	2.6	13	0.7	20	2.7	4	0.5
Accidental exposure to smoke, fire and flames (X00–X09)	107	2.1	50	2.9	27	1.5	22	3.0	8	1.0
Accidental poisoning and exposure to noxious substances (X40–X49)	1,447	28.5	701	40.6	359	20.3	287	38.6	100	11.9
Other and unspecified nontransport accidents and their sequelae (W20–W31,W35–W64, W75–W99, X10–X39, X50–X59,	442	8.7	198	11.5	134	7.6	68	9.2	42	5.0
Intentional self-harm (suicide) (*U03, X60–X84, Y87.0)	837	16.5	572	33.2	145	8.2	104	14.0	16	1.9
Suicide by discharge of firearms (X72–X74)	614	12.1	444	25.7	80	4.5	81	10.9	9	1.1
Suicide by other and unspecified means and their sequelae (*U03, X60–X71, X75–X84,Y87.0)	223	4.4	128	7.4	65	3.7	23	3.1	7	0.8
Assault (homicide) (*U01–*U02, X85–Y09, Y87.1)	704	13.9	143	8.3	51	2.9	440	59.2	70	8.4
Homicide by discharge of firearms (*U01.4, X93–X95)	622	12.3	123	7.1	31	1.8	404	54.4	64	7.6
Homicide by other and unspecified means and their sequelae (*U01.0–*U01.3, *U01.5–*U01.9, *U02, X85–X92, X96–Y09, Y87.1)	82	1.6	20	1.2	20	1.1	36	4.8	6	0.7
Legal intervention (Y35, Y89.0)	8	0.2	5	0.3	0	0.0	3	0.4	0	0.0
Events of undetermined intent (Y10–Y34, Y87.2, Y89.9)	68	1.3	26	1.5	21	1.2	14	1.9	7	0.8
Discharge of firearms, undetermined intent (Y22–Y24)	9	0.2	4	0.2	1	0.1	2	0.3	2	0.2
Other and unspecified events of undetermined intent and their sequelae (Y10–Y21, Y25–Y34, Y87.2, Y89.9)	59	1.2	22	1.3	20	1.1	12	1.6	5	0.6
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)	57	1.1	23	1.3	19	1.1	4	0.5	11	1.3

[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 is 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 RATES[1] BY RACE AND SEX
ALABAMA, 2022

RANK	CAUSE OF DEATH	NUMBER	PERCENT	RATE
RANK	**TOTAL**	**62,241**	**100.0**	**1,226.6**
1	Diseases of the heart	14,929	24.0	294.2
2	Malignant neoplasms	10,297	16.5	202.9
3	COVID-19	3,557	5.7	70.1
4	Accidents (unintentional injuries)	3,492	5.6	68.8
5	Cerebrovascular diseases	3,285	5.3	64.7
6	Chronic lower respiratory diseases	3,149	5.1	62.1
7	Alzheimer's disease	2,651	4.3	52.2
8	Diabetes mellitus	1,638	2.6	32.3
9	Nephritis, nephrotic syndrome and nephrosis	1,323	2.1	26.1
10	Septicemia	1,176	1.9	23.2
11	Chronic liver disease and cirrhosis	966	1.6	19.0
12	Influenza and pneumonia	954	1.5	18.8
13	Essential (primary) hypertension and hypertensive renal disease	844	1.4	16.6
14	Intentional self-harm (suicide)	837	1.3	16.5
15	Assault (homicide)	704	1.1	13.9
	All other causes	12,439	20.0	---
RANK	**WHITE (TOTAL)**	**46,966**	**100.0**	**1,344.1**
1	Diseases of the heart	11,276	24.0	322.7
2	Malignant neoplasms	7,862	16.7	225.0
3	Chronic lower respiratory diseases	2,773	5.9	79.4
4	COVID-19	2,736	5.8	78.3
5	Accidents (unintentional injuries)	2,548	5.4	72.9
6	Cerebrovascular diseases	2,383	5.1	68.2
7	Alzheimer's disease	2,239	4.8	64.1
8	Diabetes mellitus	1,059	2.3	30.3
9	Nephritis, nephrotic syndrome and nephrosis	851	1.8	24.4
10	Chronic liver disease and cirrhosis	814	1.7	23.3
11	Septicemia	814	1.7	23.3
12	Influenza and pneumonia	757	1.6	21.7
13	Intentional self-harm (suicide)	717	1.5	20.5
14	Parkinson's disease	629	1.3	18.0
15	Essential (primary) hypertension and hypertensive renal disease	536	1.1	15.3
	All other causes	8,972	19.1	---
RANK	**WHITE MALE**	**24,396**	**100.0**	**1,414.5**
1	Diseases of the heart	6,122	25.1	355.0
2	Malignant neoplasms	4,249	17.4	246.4
3	Accidents (unintentional injuries)	1,692	6.9	98.1
4	COVID-19	1,571	6.4	91.1
5	Chronic lower respiratory diseases	1,243	5.1	72.1
6	Cerebrovascular diseases	999	4.1	57.9
7	Alzheimer's disease	714	2.9	41.4
8	Diabetes mellitus	613	2.5	35.5
9	Intentional self-harm (suicide)	572	2.3	33.2
10	Chronic liver disease and cirrhosis	492	2.0	28.5
11	Nephritis, nephrotic syndrome and nephrosis	444	1.8	25.7
12	Septicemia	407	1.7	23.6
13	Influenza and pneumonia	395	1.6	22.9
14	Parkinson's disease	341	1.4	19.8
15	Essential (primary) hypertension and hypertensive renal disease	265	1.1	15.4
	All other causes	4,277	17.5	---
RANK	**WHITE FEMALE**	**22,570**	**100.0**	**1,275.5**
1	Diseases of the heart	5,154	22.8	291.3
2	Malignant neoplasms	3,613	16.0	204.2
3	Chronic lower respiratory diseases	1,530	6.8	86.5
4	Alzheimer's disease	1,525	6.8	86.2
5	Cerebrovascular diseases	1,384	6.1	78.2
6	COVID-19	1,165	5.2	65.8
7	Accidents (unintentional injuries)	856	3.8	48.4
8	Diabetes mellitus	446	2.0	25.2
9	Nephritis, nephrotic syndrome and nephrosis	407	1.8	23.0
10	Septicemia	407	1.8	23.0
11	Influenza and pneumonia	362	1.6	20.5
12	Malnutrition	343	1.5	19.4
13	Chronic liver disease and cirrhosis	322	1.4	18.2
14	Parkinson's disease	288	1.3	16.3
15	Essential (primary) hypertension and hypertensive renal disease	271	1.2	15.3
	All other causes	4,497	19.9	---

[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 RATES[1] BY RACE AND SEX
ALABAMA, 2022

RANK	CAUSE OF DEATH	NUMBER	PERCENT	RATE
RANK	**BLACK AND OTHER (TOTAL)**	**15,275**	**100.0**	**966.7**
1	Diseases of the heart	3,653	23.9	231.2
2	Malignant neoplasms	2,435	15.9	154.1
3	Accidents (unintentional injuries)	944	6.2	59.7
4	Cerebrovascular diseases	902	5.9	57.1
5	COVID-19	821	5.4	52.0
6	Diabetes mellitus	579	3.8	36.6
7	Assault (homicide)	510	3.3	32.3
8	Nephritis, nephrotic syndrome and nephrosis	472	3.1	29.9
9	Alzheimer's disease	412	2.7	26.1
10	Chronic lower respiratory diseases	376	2.5	23.8
11	Septicemia	362	2.4	22.9
12	Essential (primary) hypertension and hypertensive renal disease	308	2.0	19.5
13	Influenza and pneumonia	197	1.3	12.5
14	Chronic liver disease and cirrhosis	152	1.0	9.6
15	Intentional self-harm (suicide)	120	0.8	7.6
	All other causes	3,032	19.8	---
RANK	**BLACK AND OTHER MALE**	**8,178**	**100.0**	**1,101.2**
1	Diseases of the heart	1,941	23.7	261.4
2	Malignant neoplasms	1,227	15.0	165.2
3	Accidents (unintentional injuries)	702	8.6	94.5
4	Cerebrovascular diseases	460	5.6	61.9
5	Assault (homicide)	440	5.4	59.2
6	COVID-19	404	4.9	54.4
7	Diabetes mellitus	321	3.9	43.2
8	Nephritis, nephrotic syndrome and nephrosis	237	2.9	31.9
9	Chronic lower respiratory diseases	215	2.6	28.9
10	Septicemia	185	2.3	24.9
10	Essential (primary) hypertension and hypertensive renal disease	159	1.9	21.4
12	Alzheimer's disease	108	1.3	14.5
13	Intentional self-harm (suicide)	104	1.3	14.0
14	Chronic liver disease and cirrhosis	103	1.3	13.9
15	Influenza and pneumonia	101	1.2	13.6
	All other causes	1,471	18.0	---
RANK	**BLACK AND OTHER FEMALE**	**7,098**	**100.0**	**847.6**
1	Diseases of the heart	1,712	24.1	204.4
2	Malignant neoplasms	1,208	17.0	144.2
3	Cerebrovascular diseases	442	6.2	52.8
4	COVID-19	417	5.9	49.8
5	Alzheimer's disease	304	4.3	36.3
6	Diabetes mellitus	258	3.6	30.8
7	Accidents (unintentional injuries)	242	3.4	28.9
8	Nephritis, nephrotic syndrome and nephrosis	235	3.3	28.1
9	Septicemia	177	2.5	21.1
10	Chronic lower respiratory diseases	161	2.3	19.2
11	Essential (primary) hypertension and hypertensive renal disease	149	2.1	17.8
12	Influenza and pneumonia	96	1.4	11.5
13	Assault (homicide)	70	1.0	8.4
14	Malnutrition	64	0.9	7.6
15	Chronic liver disease and cirrhosis	49	0.7	5.9
	All other causes	1,514	21.3	---

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

TABLE 37
LEADING CAUSES OF DEATH[1] AND DEATH RATES[2] BY RACE AND AGE GROUP
ALABAMA, 2022

AGE GROUP AND CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
UNDER 1 YEAR	**391**	**673.4**	**174**	**482.4**	**217**	**986.7**
Congenital malformations, deformations and chromosomal abnormalities	69	118.8	42	116.4	27	122.8
Sudden infant death syndrome (SIDS)	47	81.0	15	41.6	32	145.5
Disorders related to short gestation and low birth weight, not elsewhere classified	38	65.4	17	47.1	21	95.5
Accidents (unintentional injuries)	22	37.9	11	30.5	11	50.0
Bacterial sepsis of newborn	17	29.3	4	11.1	13	59.1
1-4 YEARS	**104**	**44.8**	**56**	**38.8**	**48**	**54.6**
Accidents (unintentional injuries)	38	16.4	25	17.3	13	14.8
Congenital malformations, deformations and chromosomal abnormalities	11	4.7	8	5.5	3	3.4
Assault (homicide)	9	3.9	2	1.4	7	8.0
Influenza and pneumonia	5	2.2	4	2.8	1	1.1
5-14 YEARS	**129**	**20.7**	**62**	**15.4**	**67**	**30.2**
Accidents (unintentional injuries)	39	6.3	21	5.2	18	8.1
Assault (homicide)	18	2.9	6	1.5	12	5.4
Malignant neoplasms	10	1.6	7	1.7	3	1.4
Congenital malformations, deformations and chromosomal abnormalities	9	1.4	5	1.2	4	1.8
Intentional self-harm (suicide)	9	1.4	4	1.0	5	2.3
Influenza and pneumonia	5	0.8	1	0.2	4	1.8
15-19 YEARS	**226**	**67.6**	**108**	**49.8**	**118**	**100.7**
Accidents (unintentional injuries)	81	24.2	54	24.9	27	23.0
Assault (homicide)	75	22.4	5	2.3	70	59.7
Intentional self-harm (suicide)	23	6.9	18	8.3	5	4.3
Malignant neoplasms	9	2.7	7	3.2	2	1.7
Diseases of the heart	6	1.8	3	1.4	3	2.6
20-24 YEARS	**499**	**140.4**	**259**	**113.0**	**240**	**190.1**
Accidents (unintentional injuries)	186	52.3	126	55.0	60	47.5
Assault (homicide)	120	33.8	15	6.5	105	83.2
Intentional self-harm (suicide)	58	16.3	37	16.1	21	16.6
Diseases of the heart	22	6.2	11	4.8	11	8.7
Malignant neoplasms	13	3.7	9	3.9	4	3.2
25-34 YEARS	**1,502**	**228.3**	**874**	**203.6**	**628**	**274.7**
Accidents (unintentional injuries)	600	91.2	415	96.7	185	80.9
Assault (homicide)	186	28.3	40	9.3	146	63.9
Diseases of the heart	138	21.0	72	16.8	66	28.9
Intentional self-harm (suicide)	137	20.8	109	25.4	28	12.2
Malignant neoplasms	71	10.8	46	10.7	25	10.9

[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 DEATH[1] AND DEATH RATES[2] BY RACE AND AGE GROUP
ALABAMA, 2022

AGE GROUP AND CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
35-44 YEARS	**2,296**	**369.2**	**1,409**	**334.6**	**887**	**441.9**
Accidents (unintentional injuries)	653	105.0	463	109.9	190	94.7
Diseases of the heart	369	59.3	196	46.5	173	86.2
Malignant neoplasms	199	32.0	123	29.2	76	37.9
Intentional self-harm (suicide)	142	22.8	111	26.4	31	15.4
Assault (homicide)	133	21.4	38	9.0	95	47.3
45-54 YEARS	**4,086**	**661.4**	**2,729**	**625.9**	**1,357**	**746.4**
Diseases of the heart	963	155.9	594	136.2	369	203.0
Malignant neoplasms	612	99.1	419	96.1	193	106.2
Accidents (unintentional injuries)	522	84.5	380	87.2	142	78.1
COVID-19	231	37.4	155	35.6	76	41.8
Intentional self-harm (suicide)	165	26.7	151	34.6	14	7.7
55-64 YEARS	**8,993**	**1,365.8**	**6,310**	**1,325.3**	**2,683**	**1,471.5**
Diseases of the heart	2,130	323.5	1,444	303.3	686	376.2
Malignant neoplasms	1,974	299.8	1,438	302.0	536	294.0
COVID-19	584	88.7	417	87.6	167	91.6
Accidents (unintentional injuries)	488	74.1	338	71.0	150	82.3
Chronic lower respiratory diseases	456	69.3	378	79.4	78	42.8
65-74 YEARS	**13,950**	**2,579.1**	**10,183**	**2,524.8**	**3,767**	**2,738.5**
Malignant neoplasms	3,243	599.6	2,395	593.8	848	616.5
Diseases of the heart	3,160	584.2	2,234	553.9	926	673.2
COVID-19	916	169.4	704	174.5	212	154.1
Chronic lower respiratory diseases	902	166.8	771	191.2	131	95.2
Cerebrovascular diseases	721	133.3	452	112.1	269	195.6
75-84 YEARS	**16,024**	**5,713.1**	**13,097**	**5,815.6**	**2,927**	**5,295.1**
Diseases of the heart	3,848	1,371.9	3,104	1,378.3	744	1,345.9
Malignant neoplasms	2,801	998.6	2,284	1,014.2	517	935.3
Chronic lower respiratory diseases	1,054	375.8	969	430.3	85	153.8
COVID-19	1,017	362.6	840	373.0	177	320.2
Cerebrovascular diseases	974	347.3	753	334.4	221	399.8
85+ YEARS	**14,041**	**15,037.9**	**11,705**	**15,629.8**	**2,336**	**12,639.3**
Diseases of the heart	4,281	4,584.9	3,613	4,824.5	668	3,614.3
Alzheimer's disease	1,366	1,463.0	1,160	1,549.0	206	1,114.6
Malignant neoplasms	1,361	1,457.6	1,132	1,511.6	229	1,239.0
Cerebrovascular diseases	976	1,045.3	799	1,066.9	177	957.7
COVID-19	717	767.9	570	761.1	147	795.4

[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 38
SELECTED CAUSES OF DEATH BY AGE GROUP
ALABAMA, 2022

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	**62,241**	**391**	**104**	**129**	**725**	**1,502**	**2,296**	**4,086**	**8,993**	**13,950**	**16,024**	**14,041**
Diseases of the heart	14,929	7	3	2	28	138	369	963	2,130	3,160	3,848	4,281
Malignant neoplasms	10,297	0	4	10	22	71	199	612	1,974	3,243	2,801	1,361
COVID-19	3,557	1	3	3	6	24	55	231	584	916	1,017	717
Accidents (unintentional injuries)	3,492	22	38	39	267	600	653	522	488	350	284	229
Cerebrovascular diseases	3,285	2	0	3	3	8	66	155	377	721	974	976
Chronic lower respiratory diseases	3,149	0	1	0	3	3	20	77	456	902	1,054	633
Alzheimer's disease	2,651	0	0	0	0	0	0	6	38	272	969	1,366
Diabetes mellitus	1,638	0	0	0	9	25	65	156	311	499	394	179
Nephritis, nephrotic syndrome and nephrosis	1,323	2	0	0	3	9	28	76	195	332	403	275
Septicemia	1,176	7	1	1	2	16	30	94	226	336	281	182
Chronic liver disease and cirrhosis	966	0	0	0	1	18	79	162	286	275	110	35
Influenza and pneumonia	954	3	5	5	1	18	27	41	131	223	290	210
Essential hypertension and hypertensive renal disease	844	0	0	0	1	7	29	61	157	186	210	193
Intentional self-harm (suicide)	837	0	0	9	81	137	142	165	122	88	72	21
Assault (homicide)	704	5	9	18	195	186	133	85	44	15	13	1
Parkinson's disease	693	0	0	0	0	1	0	2	23	124	343	200
Pneumonitis due to solids and liquids	328	0	0	0	1	1	5	10	42	74	115	80
In situ, benign, or uncertain neoplasms	206	1	0	1	2	2	0	6	22	51	69	52
Congenital anomalies	163	69	11	9	9	2	6	8	21	16	7	5
Certain conditions originating in the perinatal period	154	152	2	0	0	0	0	0	0	0	0	0
Aortic aneurysm and dissection	144	0	0	0	0	1	7	6	28	27	35	40
Atherosclerosis	83	0	0	0	0	0	0	5	13	22	23	20
Human immunodeficiency virus infection	83	0	0	0	4	10	10	22	23	10	4	0

TABLE 39
ALABAMA HEART DISEASE DEATHS AND DEATH RATES[1] BY RACE AND UNITED STATES HEART DISEASE DEATH RATES
1970-2022

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
2022	210.9	14,929	294.2	11,276	322.7	3,653	231.1

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

TABLE 40

HEART DISEASE DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**14,929**	**294.2**	**6,122**	**355.0**	**5,154**	**291.3**	**1,941**	**261.4**	**1,712**	**204.4**
Under 1	7	12.1	2	10.8	1	5.7	2	17.9	2	18.5
1-4	3	1.3	2	2.7	0	0.0	1	2.2	0	0.0
5-9	1	0.3	0	0.0	0	0.0	1	1.8	0	0.0
10-14	1	0.3	0	0.0	0	0.0	1	1.7	0	0.0
15-19	6	1.8	2	1.8	1	0.9	3	5.1	0	0.0
20-24	22	6.2	8	6.9	3	2.7	6	9.7	5	7.8
25-29	49	15.3	19	17.9	4	3.9	20	36.3	6	10.4
30-34	89	26.4	35	31.7	14	12.7	25	45.1	15	24.9
35-39	146	46.9	51	48.3	17	16.2	54	116.7	24	44.1
40-44	223	71.8	89	83.8	39	37.3	61	133.9	34	62.5
45-49	384	129.5	146	141.1	80	78.2	94	229.7	64	128.9
50-54	579	180.2	242	207.3	126	111.1	142	341.0	69	139.2
55-59	880	270.0	406	345.6	172	146.7	196	471.4	106	213.8
60-64	1,250	375.9	581	489.1	285	232.5	246	605.4	138	273.0
65-69	1,443	484.7	659	628.8	349	306.1	261	756.3	174	391.9
70-74	1,717	706.1	746	869.7	480	486.1	266	1,071.5	225	665.1
75-79	1,901	1,086.6	822	1,306.8	699	905.4	195	1,366.7	185	899.2
80-84	1,947	1,844.9	842	2,369.9	741	1,494.9	148	1,903.8	216	1,706.0
85+	4,281	4,584.9	1,470	5,703.2	2,143	4,363.3	219	4,057.8	449	3,431.4

[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 RATES[1] BY RACE AND UNITED STATES MALIGNANT NEOPLASM DEATH RATES
1970-2022

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
2022	182.5	10,297	202.9	7,862	225.0	2,435	154.1

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

TABLE 42

MALIGNANT NEOPLASM DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**10,297**	**202.9**	**4,249**	**246.4**	**3,613**	**204.2**	**1,227**	**165.2**	**1,208**	**144.2**
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	4	1.7	1	1.4	1	1.4	1	2.2	1	2.3
5-9	4	1.3	3	3.0	0	0.0	1	1.8	0	0.0
10-14	6	1.9	1	0.9	3	3.0	2	3.5	0	0.0
15-19	9	2.7	5	4.5	2	1.9	1	1.7	1	1.7
20-24	13	3.7	5	4.3	4	3.5	2	3.2	2	3.1
25-29	21	6.5	6	5.7	5	4.9	8	14.5	2	3.5
30-34	50	14.8	18	16.3	17	15.4	6	10.8	9	14.9
35-39	77	24.8	22	20.8	26	24.8	14	30.3	15	27.5
40-44	122	39.3	33	31.1	42	40.2	22	48.3	25	45.9
45-49	208	70.2	62	59.9	81	79.1	27	66.0	38	76.5
50-54	404	125.7	146	125.1	130	114.6	59	141.7	69	139.2
55-59	733	224.9	267	227.3	260	221.8	97	233.3	109	219.9
60-64	1,241	373.2	532	447.9	379	309.2	179	440.5	151	298.7
65-69	1,552	521.3	622	593.5	481	421.9	242	701.3	207	466.3
70-74	1,691	695.4	759	884.8	533	539.8	224	902.4	175	517.3
75-79	1,578	902.0	715	1,136.7	560	725.4	153	1,072.3	150	729.1
80-84	1,223	1,158.9	521	1,466.4	488	984.5	101	1,299.2	113	892.5
85+	1,361	1,457.6	531	2,060.1	601	1,223.7	88	1,630.5	141	1,077.6

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

TABLE 43

MALIGNANT NEOPLASM DEATHS AND DEATH RATES[1] BY PRIMARY SITE AND SEX

ALABAMA, 2022

PRIMARY SITE	ICD-10 CODE	TOTAL		MALE		FEMALE	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**C00-C97**	**10,297**	**202.9**	**5,476**	**221.9**	**4,821**	**184.9**
Lip, oral cavity and pharynx	C00-C14	226	4.5	153	6.2	73	2.8
Esophagus	C15	234	4.6	192	7.8	42	1.6
Stomach	C16	189	3.7	109	4.4	80	3.1
Colon, rectum and anus	C18-C21	991	19.5	544	22.0	447	17.1
Liver and intrahepatic bile ducts	C22	486	9.6	329	13.3	157	6.0
Pancreas	C25	749	14.8	385	15.6	364	14.0
Larynx	C32	77	1.5	61	2.5	16	0.6
Trachea, bronchus and lung	C33-C34	2,508	49.4	1,392	56.4	1,116	42.8
Skin	C43	146	2.9	109	4.4	37	1.4
Breast	C50	721	14.2	4	0.2	717	27.5
Cervix uteri	C53	102	2.0	…[2]	…[2]	102	3.9
Corpus uteri and uterus, part unspecified	C54-C55	162	3.2	…[2]	…[2]	162	6.2
Ovary	C56	194	3.8	…[2]	…[2]	194	7.4
Prostate	C61	487	9.6	487	19.7	…[2]	…[2]
Kidney and renal pelvis	C64-C65	230	4.5	145	5.9	85	3.3
Bladder	C67	286	5.6	206	8.3	80	3.1
Meninges, brain and other parts of central nervous system	C70-C72	304	6.0	167	6.8	137	5.3
Lymphoid, hematopoietic and related tissue		864	17.0	475	19.3	389	14.9
Hodgkin's disease	C81	17	0.3	13	0.5	4	0.2
Non-Hodgkin's lymphoma	C82-C85	285	5.6	154	6.2	131	5.0
Leukemia	C91-C95	354	7.0	202	8.2	152	5.8
Multiple myeloma and immunoproliferative neoplasms	C88 or C90	202	4.0	103	4.2	99	3.8
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	6	0.1	3	0.1	3	0.1
All other and unspecified malignant noplasms	C00-C97 not listed above	1,341	26.4	718	29.1	623	23.9

[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 is not applicable.

TABLE 44

ALABAMA CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES[1] BY RACE AND UNITED STATES CEREBROVASCULAR DISEASE DEATH RATES 1970-2022

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
2022	49.6	3,285	64.7	2,383	68.2	902	57.1

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

TABLE 45

CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX
ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**3,285**	**64.7**	**999**	**57.9**	**1,384**	**78.2**	**460**	**61.9**	**442**	**52.8**
Under 1	2	3.4	2	10.8	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	1	0.3	0	0.0	1	1.0	0	0.0	0	0.0
10-14	2	0.6	1	0.9	0	0.0	0	0.0	1	1.8
15-19	2	0.6	1	0.9	0	0.0	0	0.0	1	1.7
20-24	1	0.3	0	0.0	0	0.0	1	1.6	0	0.0
25-29	2	0.6	2	1.9	0	0.0	0	0.0	0	0.0
30-34	6	1.8	4	3.6	2	1.8	0	0.0	0	0.0
35-39	25	8.0	5	4.7	2	1.9	12	25.9	6	11.0
40-44	41	13.2	12	11.3	10	9.6	11	24.1	8	14.7
45-49	63	21.3	19	18.4	18	17.6	17	41.5	9	18.1
50-54	92	28.6	26	22.3	27	23.8	21	50.4	18	36.3
55-59	147	45.1	59	50.2	38	32.4	31	74.6	19	38.3
60-64	230	69.2	88	74.1	62	50.6	49	120.6	31	61.3
65-69	316	106.1	80	76.3	104	91.2	79	228.9	53	119.4
70-74	405	166.5	137	159.7	131	132.7	88	354.5	49	144.8
75-79	480	274.4	155	246.4	208	269.4	55	385.5	62	301.4
80-84	494	468.1	170	478.5	220	443.8	50	643.2	54	426.5
85+	976	1,045.3	238	923.4	561	1,142.2	46	852.3	131	1,001.1

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

TABLE 46

ALABAMA CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES[1] BY RACE AND UNITED STATES CHRONIC LOWER RESPIRATORY DISEASE DEATH RATES 1980-2022

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
2022	44.2	3,149	62.1	2,773	79.4	376	23.8

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

TABLE 47

CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX
ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	3,149	62.1	1,243	72.1	1,530	86.5	215	28.9	161	19.2
Under 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	1	0.4	1	1.4	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	2	0.6	2	1.8	0	0.0	0	0.0	0	0.0
20-24	1	0.3	0	0.0	0	0.0	1	1.6	0	0.0
25-29	2	0.6	0	0.0	1	1.0	1	1.8	0	0.0
30-34	1	0.3	0	0.0	1	0.9	0	0.0	0	0.0
35-39	8	2.6	2	1.9	1	1.0	4	8.6	1	1.8
40-44	12	3.9	3	2.8	6	5.7	1	2.2	2	3.7
45-49	23	7.8	5	4.8	10	9.8	5	12.2	3	6.0
50-54	54	16.8	21	18.0	23	20.3	4	9.6	6	12.1
55-59	143	43.9	54	46.0	59	50.3	21	50.5	9	18.2
60-64	313	94.1	114	96.0	151	123.2	23	56.6	25	49.5
65-69	417	140.1	160	152.7	192	168.4	38	110.1	27	60.8
70-74	485	199.4	197	229.7	222	224.8	47	189.3	19	56.2
75-79	576	329.2	233	370.4	287	371.8	35	245.3	21	102.1
80-84	478	452.9	214	602.3	235	474.1	14	180.1	15	118.5
85+	633	677.9	237	919.5	342	696.3	21	389.1	33	252.2

[1] Rate 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 RATES[1] BY RACE AND UNITED STATES ACCIDENTAL DEATH RATES
1970-2022

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
2022	68.1	3,492	68.8	2,548	72.9	944	59.7

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

TABLE 49
ACCIDENTAL DEATHS AND DEATH RATES[1] BY AGE GROUP AND RACE
ALABAMA, 2022

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**3,492**	**68.8**	**2,548**	**72.9**	**944**	**59.7**
Under 1	22	37.9	11	30.5	11	50.0
1-4	38	16.4	25	17.3	13	14.8
5-9	22	7.2	11	5.6	11	10.1
10-14	17	5.3	10	4.9	7	6.2
15-19	81	24.2	54	24.9	27	23.0
20-24	186	52.3	126	55.0	60	47.5
25-29	252	78.5	168	80.7	84	74.5
30-34	348	103.3	247	111.8	101	87.2
35-39	301	96.8	214	101.7	87	86.4
40-44	352	113.3	249	118.1	103	103.0
45-49	244	82.3	173	84.1	71	78.4
50-54	278	86.5	207	89.9	71	77.8
55-59	248	76.1	176	75.0	72	79.0
60-64	240	72.2	162	67.1	78	85.5
65-69	164	55.1	113	51.6	51	64.6
70-74	186	76.5	149	80.8	37	63.1
75-79	138	78.9	116	82.8	22	63.1
80-84	146	138.3	129	151.6	17	83.2
85+	229	245.3	208	277.7	21	113.6

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

TABLE 50

ACCIDENTAL DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**3,492**	**68.8**	**1,692**	**98.1**	**856**	**48.4**	**702**	**94.5**	**242**	**28.9**
Under 1	22	37.9	6	32.5	5	28.4	6	53.6	5	46.3
1-4	38	16.4	19	25.7	6	8.5	6	13.4	7	16.2
5-9	22	7.2	4	4.0	7	7.3	7	12.7	4	7.4
10-14	17	5.3	8	7.6	2	2.0	6	10.5	1	1.8
15-19	81	24.2	42	37.9	12	11.3	22	37.5	5	8.5
20-24	186	52.3	86	74.0	40	35.4	43	69.6	17	26.4
25-29	252	78.5	123	115.9	45	44.0	60	108.8	24	41.6
30-34	348	103.3	164	148.5	83	75.0	82	147.8	19	31.5
35-39	301	96.8	143	135.5	71	67.7	67	144.8	20	36.7
40-44	352	113.3	178	167.6	71	67.9	75	164.6	28	51.5
45-49	244	82.3	116	112.1	57	55.7	53	129.5	18	36.2
50-54	278	86.5	140	119.9	67	59.1	56	134.5	15	30.3
55-59	248	76.1	112	95.3	64	54.6	54	129.9	18	36.3
60-64	240	72.2	117	98.5	45	36.7	66	162.4	12	23.7
65-69	164	55.1	81	77.3	32	28.1	40	115.9	11	24.8
70-74	186	76.5	107	124.7	42	42.5	25	100.7	12	35.5
75-79	138	78.9	75	119.2	41	53.1	13	91.1	9	43.7
80-84	146	138.3	71	199.8	58	117.0	9	115.8	8	63.2
85+	229	245.3	100	388.0	108	219.9	12	222.3	9	68.8

[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, 2022

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	**3,492**	**22**	**38**	**39**	**267**	**600**	**653**	**522**	**488**	**350**	**284**	**229**
Occupant of railway train (V81.0-V81.8)	1	0	0	0	0	0	1	0	0	0	0	0
Motor vehicle[1]	1,033	0	8	20	151	193	164	143	157	102	69	26
Drowning (W65-W74)	81	0	14	6	9	9	9	7	8	15	3	1
Air and space transport (V95-V97)	2	0	0	0	0	1	0	0	0	1	0	0
Poisoning (X40-X49)	1,447	0	0	0	80	350	432	320	198	53	9	5
Falls (W00-W19)	320	1	0	0	1	7	8	9	32	69	109	84
Smoke, fire and flames (X00-X09)	107	0	5	4	3	5	10	7	25	29	10	9
Contact with venomous life forms (X20-X29)	4	0	0	0	0	1	0	0	1	2	0	0
Excessive natural heat (X30)	21	1	1	0	0	1	1	3	4	7	2	1
Excessive natural cold (X31)	18	0	0	0	0	0	0	3	5	4	3	3
Lightning (X33)	2	0	0	0	1	1	0	0	0	0	0	0
Cataclysmic storms and floods (X37-X38)	5	0	0	1	1	0	1	0	0	1	0	1
Suffocation (W75-W84)	113	18	5	1	2	4	3	6	12	13	23	26
Struck by falling objects, etc. (W20)	14	1	1	1	2	0	1	3	2	2	1	0
Firearms (W32-W34)	24	0	3	2	6	4	2	2	3	0	2	0
Electrocution (W85-W87)	5	0	0	0	0	2	2	0	1	0	0	0
All other accidents and late effects	295	1	1	4	11	22	19	19	40	52	53	73

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

TABLE 52
ALABAMA DIABETES DEATHS AND DEATH RATES[1] BY RACE AND UNITED STATES DIABETES DEATH RATES
1980-2022

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
2022	30.4	1,638	32.3	1,059	30.3	579	36.6

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

TABLE 53

DIABETES DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**1,638**	**32.3**	**613**	**35.5**	**446**	**25.2**	**321**	**43.2**	**258**	**30.8**
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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	1	0.3	0	0.0	1	0.9	0	0.0	0	0.0
20-24	8	2.3	2	1.7	3	2.7	1	1.6	2	3.1
25-29	13	4.0	5	4.7	2	2.0	4	7.3	2	3.5
30-34	12	3.6	4	3.6	0	0.0	5	9.0	3	5.0
35-39	25	8.0	7	6.6	2	1.9	10	21.6	6	11.0
40-44	40	12.9	14	13.2	10	9.6	11	24.1	5	9.2
45-49	70	23.6	31	30.0	10	9.8	15	36.7	14	28.2
50-54	86	26.8	34	29.1	20	17.6	20	48.0	12	24.2
55-59	130	39.9	48	40.9	34	29.0	32	77.0	16	32.3
60-64	181	54.4	82	69.0	35	28.6	42	103.4	22	43.5
65-69	230	77.3	84	80.2	55	48.2	56	162.3	35	78.8
70-74	269	110.6	97	113.1	86	87.1	52	209.5	34	100.5
75-79	214	122.3	86	136.7	64	82.9	24	168.2	40	194.4
80-84	180	170.6	66	185.8	56	113.0	26	334.4	32	252.7
85+	179	191.7	53	205.6	68	138.5	23	426.2	35	267.5

[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 RATES[1] BY RACE AND UNITED STATES ALZHEIMER'S DEATH RATES
1980-2022

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	0.8	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
2022	36.0	2,651	52.2	2,239	64.1	412	26.1

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

TABLE 55

ALZHEIMER'S DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**2,651**	**52.2**	**714**	**41.4**	**1,525**	**86.2**	**108**	**14.5**	**304**	**36.3**
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	0	0.0	1	2.4	0	0.0
50-54	5	1.6	1	0.9	4	3.5	0	0.0	0	0.0
55-59	7	2.1	2	1.7	4	3.4	0	0.0	1	2.0
60-64	31	9.3	14	11.8	12	9.8	2	4.9	3	5.9
65-69	75	25.2	25	23.9	40	35.1	2	5.8	8	18.0
70-74	197	81.0	63	73.4	93	94.2	15	60.4	26	76.9
75-79	390	222.9	122	194.0	202	261.7	31	217.3	35	170.1
80-84	579	548.6	187	526.3	310	625.4	24	308.7	58	458.1
85+	1,366	1,463.0	300	1,163.9	860	1,751.0	33	611.5	173	1,322.1

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

TABLE 56
ALABAMA SUICIDE DEATHS AND DEATH RATES[1] BY RACE AND UNITED STATES SUICIDE DEATH RATES 1970-2022

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
2022	14.8	837	16.5	717	20.5	120	7.6

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

TABLE 57

SUICIDE DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**837**	**16.5**	**572**	**33.2**	**145**	**8.2**	**104**	**14.0**	**16**	**1.9**
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	9	2.8	2	1.9	2	2.0	4	7.0	1	1.8
15-19	23	6.9	15	13.5	3	2.8	4	6.8	1	1.7
20-24	58	16.3	31	26.7	6	5.3	17	27.5	4	6.2
25-29	55	17.1	35	33.0	9	8.8	9	16.3	2	3.5
30-34	82	24.3	54	48.9	11	9.9	16	28.8	1	1.7
35-39	63	20.3	38	36.0	10	9.5	13	28.1	2	3.7
40-44	79	25.4	50	47.1	13	12.4	15	32.9	1	1.8
45-49	84	28.3	50	48.3	22	21.5	10	24.4	2	4.0
50-54	81	25.2	62	53.1	17	15.0	2	4.8	0	0.0
55-59	62	19.0	47	40.0	11	9.4	4	9.6	0	0.0
60-64	60	18.0	43	36.2	14	11.4	3	7.4	0	0.0
65-69	55	18.5	42	40.1	7	6.1	5	14.5	1	2.3
70-74	33	13.6	25	29.1	8	8.1	0	0.0	0	0.0
75-79	48	27.4	38	60.4	8	10.4	1	7.0	1	4.9
80-84	24	22.7	21	59.1	2	4.0	1	12.9	0	0.0
85+	21	22.5	19	73.7	2	4.1	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 RATES[1] BY RACE AND UNITED STATES HOMICIDE DEATH RATES
1970-2022

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
2022	7.5	704	13.9	194	5.6	510	32.3

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

TABLE 59

HOMICIDE DEATHS AND DEATH RATES[1] BY AGE GROUP, RACE AND SEX

ALABAMA, 2022

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**704**	**13.9**	**143**	**8.3**	**51**	**2.9**	**440**	**59.2**	**70**	**8.4**
Under 1	5	8.6	2	10.8	0	0.0	3	26.8	0	0.0
1-4	9	3.9	2	2.7	0	0.0	6	13.4	1	2.3
5-9	1	0.3	0	0.0	0	0.0	1	1.8	0	0.0
10-14	17	5.3	4	3.8	2	2.0	10	17.5	1	1.8
15-19	75	22.4	3	2.7	2	1.9	60	102.2	10	17.1
20-24	120	33.8	13	11.2	2	1.8	94	152.2	11	17.1
25-29	99	30.8	12	11.3	3	2.9	75	136.0	9	15.6
30-34	87	25.8	19	17.2	6	5.4	54	97.4	8	13.3
35-39	66	21.2	8	7.6	7	6.7	44	95.1	7	12.9
40-44	67	21.6	17	16.0	6	5.7	33	72.4	11	20.2
45-49	58	19.6	24	23.2	7	6.8	21	51.3	6	12.1
50-54	27	8.4	12	10.3	5	4.4	10	24.0	0	0.0
55-59	27	8.3	6	5.1	2	1.7	18	43.3	1	2.0
60-64	17	5.1	9	7.6	0	0.0	4	9.8	4	7.9
65-69	9	3.0	3	2.9	2	1.8	4	11.6	0	0.0
70-74	6	2.5	3	3.5	0	0.0	2	8.1	1	3.0
75-79	5	2.9	1	1.6	3	3.9	1	7.0	0	0.0
80-84	8	7.6	4	11.3	4	8.1	0	0.0	0	0.0
85+	1	1.1	1	3.9	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 60
INFANT DEATHS AND INFANT MORTALITY RATES[1] BY RACE[2]
ALABAMA AND UNITED STATES[3], 1970-2022

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S.	ALABAMA		U.S.	ALABAMA		U.S.
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	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
2022	391	6.7	5.6	174	4.3	4.7	217	12.0	8.3

[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 1990-2022 are by race of mother.
[3] U.S. rates (2007-2022) were obtained from CDC WONDER online database (https://wonder.cdc.gov).

TABLE 61
NEONATAL DEATHS AND NEONATAL MORTALITY RATES[1] BY RACE[2]
ALABAMA AND UNITED STATES[3], 1970-2022

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S.	ALABAMA		U.S.	ALABAMA		U.S.
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	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	5.0
2022	208	3.6	3.6	97	2.4	3.1	111	6.1	5.0

[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 1990-2022 are by race of mother.
[3] U.S. rates (2007-2022) were obtained from CDC WONDER online database (https://wonder.cdc.gov).

TABLE 62
POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES[1] BY RACE[2]
ALABAMA AND UNITED STATES[3], 1970-2022

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S.	ALABAMA		U.S.	ALABAMA		U.S.
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	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
2022	183	3.1	2.0	77	2.0	1.6	106	5.8	3.3

[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 1990-2022 are by race of mother.
[3] U.S. rates (2007-2022) were obtained from CDC WONDER online database (https://wonder.cdc.gov).

FIGURE 11. INFANT MORTALITY RATES
ALABAMA AND UNITED STATES, 1970-2022

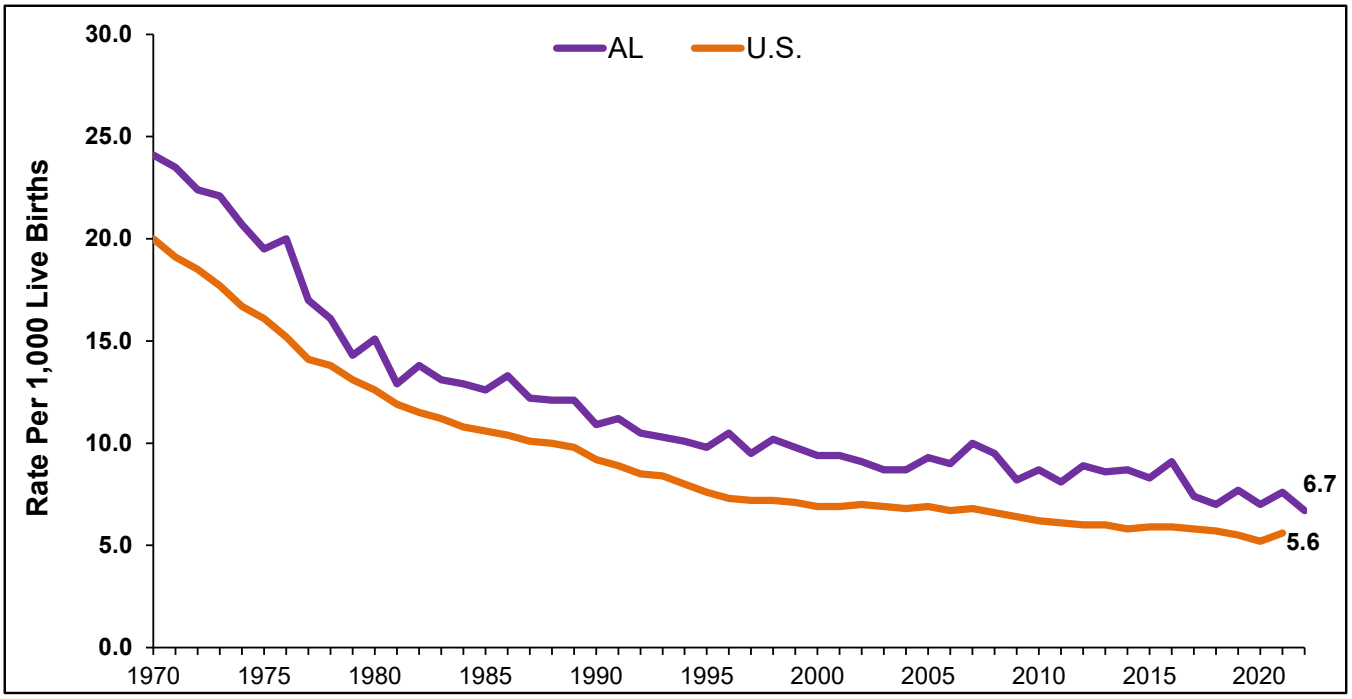


FIGURE 12. NEONATAL AND POSNEONATAL MORTALITY RATES
ALABAMA, 1970-2022

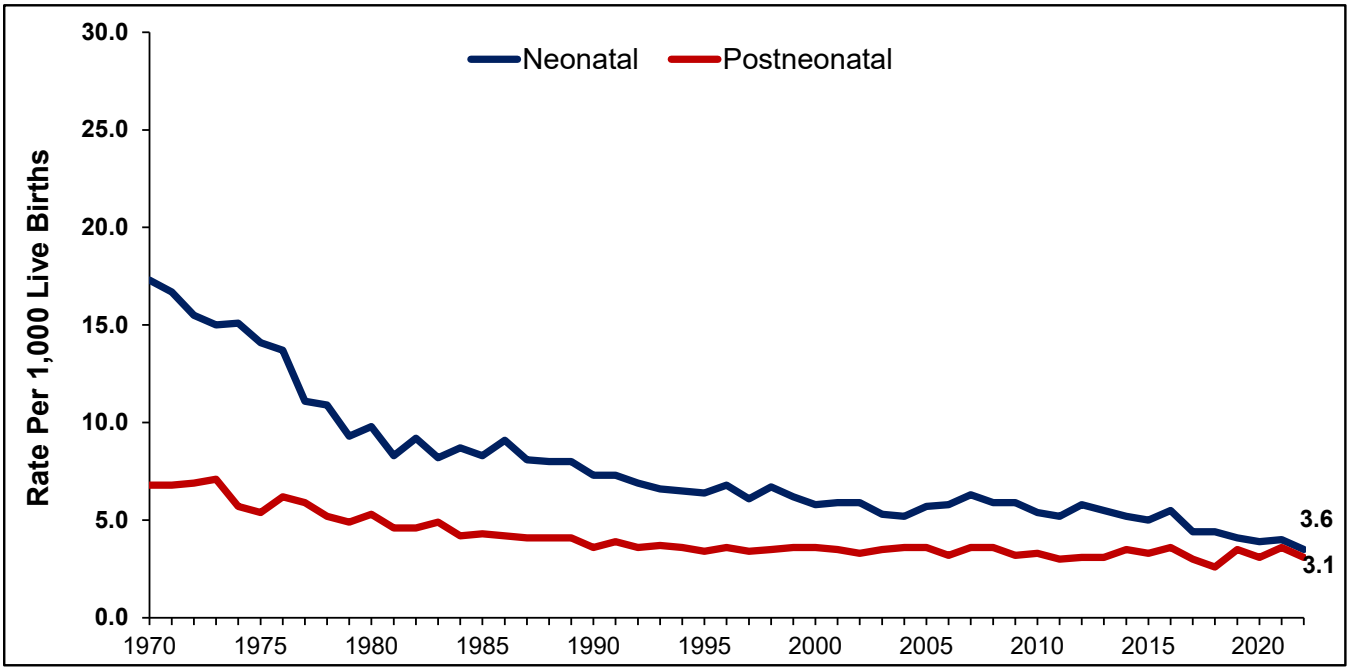


TABLE 63
INFANT DEATHS AND INFANT MORTALITY RATES[1]
BY COUNTY OF RESIDENCE AND RACE[2]
ALABAMA, 2022

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	391	6.7	174	4.3	217	12.0
Autauga	8	11.0	5	9.2	3	16.2
Baldwin	14	5.5	10	4.7	4	10.2
Barbour	1	3.7	0	---	1	7.4
Bibb	0	---	0	---	0	---
Blount	4	5.8	3	4.5	1	43.5
Bullock	0	---	0	---	0	---
Butler	3	15.1	1	10.1	2	20.0
Calhoun	5	3.7	3	3.0	2	5.6
Chambers	1	2.5	1	4.0	0	---
Cherokee	1	4.5	1	4.8	0	---
Chilton	3	5.4	2	4.1	1	16.7
Choctaw	1	7.6	0	---	1	20.4
Clarke	4	13.4	0	---	4	28.4
Clay	0	---	0	---	0	---
Cleburne	0	---	0	---	0	---
Coffee	4	5.8	1	1.9	3	18.0
Colbert	3	4.9	3	5.8	0	---
Conecuh	2	15.3	1	13.5	1	17.5
Coosa	0	---	0	---	0	---
Covington	1	2.5	0	---	1	21.7
Crenshaw	0	---	0	---	0	---
Cullman	2	2.0	2	2.1	0	---
Dale	2	2.9	1	1.9	1	6.1
Dallas	1	2.4	0	---	1	3.1
DeKalb	7	8.5	4	5.2	3	46.9
Elmore	4	4.4	2	2.9	2	9.2
Escambia	3	6.9	3	10.5	0	---
Etowah	3	2.6	3	3.2	0	---
Fayette	2	12.0	2	13.3	0	---
Franklin	2	4.7	1	2.5	1	32.3
Geneva	3	10.1	2	7.2	1	47.6
Greene	0	---	0	---	0	---
Hale	3	13.9	1	11.2	2	15.7
Henry	2	11.5	2	15.6	0	---
Houston	6	4.8	2	2.5	4	8.5
Jackson	4	7.2	3	5.6	1	40.0
Jefferson	73	9.4	18	4.1	55	16.2
Lamar	1	5.7	0	---	1	62.5
Lauderdale	6	6.3	3	3.6	3	26.8
Lawrence	0	---	0	---	0	---
Lee	10	5.0	3	2.1	7	13.5
Limestone	6	5.1	5	4.8	1	6.9
Lowndes	0	---	0	---	0	---
Macon	1	7.0	0	---	1	8.6
Madison	19	4.2	6	1.9	13	9.2
Marengo	2	9.2	0	---	2	17.7
Marion	1	3.1	1	3.2	0	---
Marshall	8	5.2	6	4.9	2	6.4
Mobile	42	8.4	19	6.9	23	10.2
Monroe	0	---	0	---	0	---
Montgomery	30	10.2	3	3.1	27	13.8
Morgan	13	8.8	9	7.2	4	16.9
Perry	2	20.4	0	---	2	25.3
Pickens	3	15.6	0	---	3	34.1
Pike	5	13.4	0	---	5	29.2
Randolph	1	4.0	1	4.8	0	---
Russell	5	6.3	5	11.3	0	---
St. Clair	6	5.9	4	4.4	2	19.4
Shelby	9	3.7	5	2.5	4	9.8
Sumter	2	15.5	1	29.4	1	10.5
Talladega	12	13.8	9	15.5	3	10.3
Tallapoosa	4	11.1	2	8.5	2	15.9
Tuscaloosa	24	9.5	9	6.4	15	13.4
Walker	4	4.8	4	5.6	0	---
Washington	0	---	0	---	0	---
Wilcox	1	8.8	0	---	1	11.2
Winston	2	7.3	2	7.5	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 RATES[1]
BY AGE AT DEATH AND RACE[2]
ALABAMA, 2022

AGE AT DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**391**	**6.7**	**174**	**4.3**	**217**	**12.0**
Under 1 day	88	1.5	40	1.0	48	2.6
1 day - 6 days	39	0.7	18	0.4	21	1.2
7 days - 27 days	81	1.4	39	1.0	42	2.3
28 days - 364 days	183	3.1	77	1.9	106	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 derived from small numbers.

TABLE 65
INFANT DEATHS AND INFANT MORTALITY RATES[1]
BY LIVE BIRTH ORDER
ALABAMA, 2022

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
TOTAL	**58,162**	**391**	**6.7**
First	18,563	143	7.7
Second	16,157	94	5.8
Third	10,793	72	6.7
Fourth	6,100	41	6.7
Fifth	3,260	19	5.8
Sixth	1,657	6	3.6
Seventh and above	1,615	7	4.3
Not stated	17	9	--

[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 RATES[1] BY CAUSE OF DEATH AND RACE OF CHILD
ALABAMA, 2022

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	**391**	**6.7**	**174**	**4.3**	**217**	**12.0**
Certain infectious and parasitic diseases	11	18.9	2	5.0	9	49.6
Septicemia	7	12.0	2	5.0	5	27.6
Viral diseases	0	0.0	0	0.0	0	0.0
Other and unspecified infectious and parasitic diseases	4	6.9	0	0.0	4	22.0
Neoplasms	1	1.7	0	0.0	1	5.5
Malignant neoplasms	0	0.0	0	0.0	0	0.0
In situ neoplasms, benign neoplasms and uncertain or unknown neoplasms	1	1.7	0	0.0	1	5.5
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	0	0.0	0	0.0	0	0.0
Endocrine, nutritional and metabolic diseases	1	1.7	1	2.5	0	0.0
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	0	0.0	0	0.0	0	0.0
Other endocrine, nutritional and metabolic diseases	1	1.7	1	2.5	0	0.0
Diseases of the nervous system	3	5.2	0	0.0	3	16.5
Meningitis	2	3.4	0	0.0	2	11.0
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	1	1.7	0	0.0	1	5.5
Other diseases of the nervous system	0	0.0	0	0.0	0	0.0
Diseases of the ear and mastoid process	0	0.0	0	0.0	0	0.0
Diseases of the circulatory system	9	15.5	5	12.5	4	22.0
Pulmonary heart disease and diseases of pulmonary circulation	2	3.4	0	0.0	2	11.0
Cardiomyopathy	1	1.7	0	0.0	1	5.5
Cardiac arrest	1	1.7	0	0.0	1	5.5
Cerebrovascular diseases	2	3.4	2	5.0	0	0.0
Other diseases of the circulatory system	3	5.2	3	7.5	0	0.0
Diseases of the respiratory system	11	18.9	7	17.5	4	22.0
Acute upper respiratory infections	0	0.0	0	0.0	0	0.0
Influenza and pneumonia	3	5.2	2	5.0	1	5.5
Acute bronchitis and acute bronchiolitis	1	1.7	1	2.5	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	7	12.0	4	10.0	3	16.5
Diseases of the digestive system	4	6.9	2	5.0	2	11.0
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	1	2.5	1	5.5
Other and unspecified diseases of the digestive system	2	3.4	1	2.5	1	5.5
Diseases of the genitourinary system	2	3.4	0	0.0	2	11.0
Renal failure and other disorders of the kidney	2	3.4	0	0.0	2	11.0
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 RATES[1] BY CAUSE OF DEATH AND RACE OF CHILD
ALABAMA, 2022

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	**391**	**6.7**	**174**	**4.3**	**217**	**12.0**
Certain conditions originating in the perinatal period	152	261.3	60	149.9	92	507.1
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	20	34.4	7	17.5	13	71.6
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	0	0.0	0	0.0	0	0.0
Newborn affected by maternal complications of pregnancy	14	24.1	3	7.5	11	60.6
Newborn affected by incompetent cervix	4	6.9	2	5.0	2	11.0
Newborn affected by premature rupture of membranes	8	13.8	0	0.0	8	44.1
Newborn affected by multiple pregnancy	0	0.0	0	0.0	0	0.0
Newborn affected by other maternal complications of pregnancy	2	3.4	1	2.5	1	5.5
Newborn affected by complications of placenta, cord and membranes	5	8.6	3	7.5	2	11.0
Newborn affected by complications involving placenta	3	5.2	3	7.5	0	0.0
Newborn affected by complications involving cord	0	0.0	0	0.0	0	0.0
Newborn affected by chorioamnionitis	2	3.4	0	0.0	2	11.0
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	1	2.5	0	0.0
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	39	67.1	17	42.5	22	121.3
Slow growth and fetal malnutrition	1	1.7	0	0.0	1	5.5
Disorders related to short gestation and low birth weight, not elsewhere classified	38	65.3	17	42.5	21	115.7
Extremely low birth weight or extreme immaturity	32	55.0	14	35.0	18	99.2
Other low birth weight or preterm	6	10.3	3	7.5	3	16.5
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	4	6.9	1	2.5	3	16.5
Intrauterine hypoxia	3	5.2	1	2.5	2	11.0
Birth asphyxia	1	1.7	0	0.0	1	5.5
Respiratory distress of newborn	2	3.4	1	2.5	1	5.5
Other respiratory conditions originating in the perinatal period	16	27.5	6	15.0	10	55.1
Congenital pneumonia	1	1.7	0	0.0	1	5.5
Neonatal aspiration syndromes	1	1.7	0	0.0	1	5.5
Interstitial emphysema and related conditions originating in the perinatal period	0	0.0	0	0.0	0	0.0
Pulmonary hemorrhage originating in the perinatal period	1	1.7	1	2.5	0	0.0
Chronic respiratory disease originating in the perinatal period	8	13.8	2	5.0	6	33.1
Atelectasis	4	6.9	3	7.5	1	5.5
Other respiratory conditions originating in the perinatal period	1	1.7	0	0.0	1	5.5
Infections specific to the perinatal period	20	34.4	6	15.0	14	77.2
Bacterial sepsis of newborn	17	29.2	4	10.0	13	71.6
Other infections specific to the perinatal period	3	5.2	2	5.0	1	5.5
Hemorrhagic and hematological disorders of newborn	12	20.6	4	10.0	8	44.1
Neonatal hemorrhage	8	13.8	4	10.0	4	22.0
Hemorrhagic disease of newborn	0	0.0	0	0.0	0	0.0
Hemolytic disease of newborn	1	1.7	0	0.0	1	5.5
Hematological disorders	3	5.2	0	0.0	3	16.5

[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 RATES[1] BY CAUSE OF DEATH AND RACE OF CHILD
ALABAMA, 2022

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	**391**	**6.7**	**174**	**4.3**	**217**	**12.0**
Neonatal diabetes mellitus and syndrome of infant of diabetic mother	0	0.0	0	0.0	0	0.0
Necrotizing enterocolitis of newborn	14	24.1	7	17.5	7	38.6
Hydrops fetalis not due to hemolytic disease	5	8.6	2	5.0	3	16.5
Other perinatal conditions	20	34.4	9	22.5	11	60.6
Congenital malformations, deformations and chromosomal abnormalities	69	118.6	42	105.0	27	148.8
Anencephaly and similar malformations	5	8.6	4	10.0	1	5.5
Congenital hydrocephalus	2	3.4	0	0.0	2	11.0
Spina bifida	0	0.0	0	0.0	0	0.0
Other congenital malformations of the nervous system	4	6.9	3	7.5	1	5.5
Congenital malformations of the heart	18	30.9	12	30.0	6	33.1
Other congenital malformations of the circulatory system	1	1.7	1	2.5	0	0.0
Congenital malformations of the respiratory system	4	6.9	2	5.0	2	11.0
Congenital malformations of the digestive system	2	3.4	2	5.0	0	0.0
Congenital malformations of the genitourinary system	7	12.0	6	15.0	1	5.5
Congenital malformations and deformations of musculoskeletal system, limbs and integument	6	10.3	1	2.5	5	27.6
Down's syndrome	1	1.7	1	2.5	0	0.0
Edward's syndrome	6	10.3	4	10.0	2	11.0
Patau's syndrome	3	5.2	1	2.5	2	11.0
Other congenital malformations and deformations	9	15.5	4	10.0	5	27.6
Other chromosomal abnormalities, not elsewhere classified	1	1.7	1	2.5	0	0.0
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	99	170.2	41	102.5	58	319.7
Sudden infant death syndrome	47	80.8	15	37.5	32	176.4
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	52	89.4	26	65.0	26	143.3
All other diseases (residual of A00-R99)	0	0.0	0	0.0	0	0.0
External causes of mortality	29	49.9	14	35.0	15	82.7
Accidents	22	37.8	11	27.5	11	60.6
Motor vehicle accidents	0	0.0	0	0.0	0	0.0
Falls	0	0.0	0	0.0	0	0.0
Accidental discharge of firearms	0	0.0	0	0.0	0	0.0
Drowning	0	0.0	0	0.0	0	0.0
Accidental suffocation and strangulation in bed	14	24.1	7	17.5	7	38.6
Other accidental suffocation and strangulation	2	3.4	2	5.0	0	0.0
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	2	3.4	1	2.5	1	5.5
Accidents caused by exposure to smoke, fire and flames	0	0.0	0	0.0	0	0.0
Accidental poisoning and exposure to noxious substances	0	0.0	0	0.0	0	0.0
Other and unspecified accidents and their sequelae	3	5.2	1	2.5	2	11.0
Homicide (assault)	5	8.6	2	5.0	3	16.5
Homicide by hanging, strangulation and suffocation	0	0.0	0	0.0	0	0.0
Homicide by discharge of firearms	0	0.0	0	0.0	0	0.0
Neglect, abandonment and other maltreatment syndromes	2	3.4	0	0.0	2	11.0
Homicide by other and unspecified means	3	5.2	2	5.0	1	5.5
Complications of medical and surgical care	0	0.0	0	0.0	0	0.0
Other external causes	2	3.4	1	2.5	1	5.5

[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 RATES[1]
BY RACE[2] OF CHILD AND AGE GROUP OF MOTHER
ALABAMA, 2022

AGE GROUP OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**391**	**6.7**	**174**	**4.3**	**217**	**12.0**
Under 15	1	20.4	0	0.0	1	50.0
15-17	9	9.9	5	9.1	4	11.2
18-19	24	9.5	10	6.2	14	15.3
20-24	104	7.4	44	4.8	60	12.3
25-29	110	6.0	53	4.1	57	10.9
30-34	78	5.3	34	3.3	44	10.4
35-39	41	6.5	14	3.3	27	13.4
40+	14	10.8	6	7.3	8	17.0
Not stated	10	--	8	--	2	--

[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 RATES[1]
BY WEIGHT AT BIRTH AND RACE[2] OF CHILD
ALABAMA, 2022

WEIGHT AT BIRTH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**391**	**6.7**	**174**	**4.3**	**217**	**12.0**
0-499 grams	71	771.7	21	777.8	50	769.2
500-999 grams	63	184.8	23	172.9	40	192.3
1,000-1,499 grams	20	37.5	4	14.6	16	61.5
1,500-1,999 grams	28	23.5	16	24.4	12	22.4
2,000-2,499 grams	47	12.0	27	12.7	20	11.2
2,500-4,499 grams	148	2.9	72	2.0	76	5.0
4,500+ grams	2	4.5	2	5.4	0	0.0
Not stated	12	--	9	--	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 69
INFANT DEATHS AND INFANT MORTALITY RATES[1] BY PLURALITY AT BIRTH, RACE[2] AND SEX
ALABAMA, 2022

PLURALITY AT BIRTH	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	**391**	**6.7**	**91**	**4.5**	**83**	**4.2**	**118**	12.8	**99**	**11.1**
Single	337	6.0	75	3.8	74	3.9	104	11.7	84	9.8
Multiple	45	21.7	11	16.1	7	10.5	12	32.3	15	42.9
Twins	44	21.6	11	16.4	7	10.8	11	30.1	15	43.0
Triplets or higher order	1	24.4	0	0.0	0	0.0	1	142.9	0	0.0
Not stated	0	---	0	---	0	---	0	---	0	---

[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 RATES[1] BY ADEQUACY OF PRENATAL CARE AND RACE[2]
ALABAMA, 2022

ADEQUACY OF PRENATAL CARE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Adequate plus	161	8.0	70	5.0	91	14.8
Adequate	71	3.3	25	1.6	46	7.6
Intermediate	21	4.8	9	3.0	12	8.2
Inadequate	73	7.3	39	6.2	34	8.9

[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 RATES[1] OF MARRIAGES AND DIVORCES
ALABAMA AND UNITED STATES[2], 1970, 1980, 1990, 1995, 2000-2022

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
2022	36,869	7.3	6.2	16,069	3.2	2.4

[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, 2000-2022

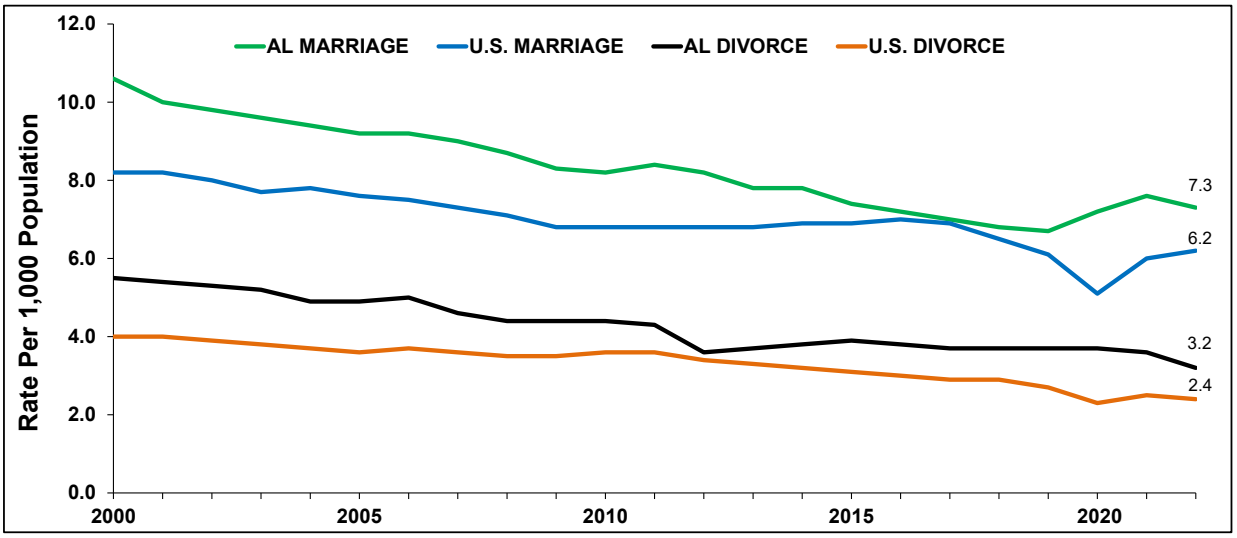


TABLE 72
NUMBERS AND RATES[1] OF MARRIAGES AND DIVORCES BY ISSUING COUNTY, ALABAMA, 2022

ISSUING COUNTY	MARRIAGES		DIVORCES	
	NUMBER	RATE	NUMBER	RATE
TOTAL	36,869	7.3	16,069	3.2
Autauga	510	8.5	193	3.2
Baldwin	2,921	11.9	768	3.1
Barbour	134	5.4	43	1.7
Bibb	167	7.6	12	0.5
Blount	442	7.4	221	3.7
Bullock	33	3.2	5	0.5
Butler	123	6.6	69	3.7
Calhoun	727	6.3	420	3.6
Chambers	195	5.7	113	3.3
Cherokee	221	8.7	94	3.7
Chilton	389	8.5	223	4.9
Choctaw	97	7.8	49	3.9
Clarke	139	6.2	87	3.9
Clay	75	5.3	52	3.7
Cleburne	142	9.3	45	2.9
Coffee	540	9.9	205	3.7
Colbert	399	6.9	211	3.6
Conecuh	66	5.9	30	2.7
Coosa	38	3.7	17	1.7
Covington	279	7.4	94	2.5
Crenshaw	99	7.6	67	5.1
Cullman	852	9.4	459	5.1
Dale	299	6.0	222	4.5
Dallas	165	4.5	51	1.4
DeKalb	515	7.2	125	1.7
Elmore	464	5.2	237	2.6
Escambia	290	7.9	90	2.5
Etowah	817	7.9	464	4.5
Fayette	129	8.0	93	5.8
Franklin	237	7.4	131	4.1
Geneva	168	6.3	102	3.8
Greene	27	3.6	14	1.9
Hale	56	3.8	36	2.5
Henry	96	5.4	53	3.0
Houston	888	8.2	381	3.5
Jackson	536	10.1	205	3.9
Jefferson	4,403	6.6	1,687	2.5
Lamar	82	6.0	40	2.9
Lauderdale	785	8.2	333	3.5
Lawrence	230	6.9	115	3.5
Lee	1,076	6.0	458	2.5
Limestone	656	5.9	329	3.0
Lowndes	36	3.7	42	4.3
Macon	55	3.0	22	1.2
Madison	3,020	7.5	1,270	3.1
Marengo	99	5.3	47	2.5
Marion	351	12.0	120	4.1
Marshall	843	8.5	431	4.3
Mobile	3,139	7.6	1,402	3.4
Monroe	134	6.9	69	3.6
Montgomery	1,583	7.0	548	2.4
Morgan	831	6.7	440	3.5
Perry	38	4.7	17	2.1
Pickens	105	5.6	56	3.0
Pike	186	5.6	99	3.0
Randolph	176	7.8	79	3.5
Russell	689	11.8	313	5.3
St. Clair	758	8.1	320	3.4
Shelby	1,293	5.6	607	2.6
Sumter	67	5.7	20	1.7
Talladega	448	5.6	310	3.8
Tallapoosa	258	6.3	104	2.5
Tuscaloosa	1,369	5.8	679	2.9
Walker	530	8.2	263	4.1
Washington	141	9.3	80	5.3
Wilcox	42	4.2	13	1.3
Winston	171	7.2	75	3.2

[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 RATES[1] BY MONTH OF OCCURRENCE
ALABAMA, 2022

MONTH	ALL MARRIAGES		SAME SEX MARRIAGES
	NUMBER	RATE	
TOTAL	**36,869**	**7.3**	**1,084**
January	2,036	4.7	57
February	3,262	8.4	107
March	3,099	7.2	93
April	3,403	8.2	84
May	3,437	8.0	82
June	3,253	7.8	90
July	2,839	6.6	131
August	2,615	6.1	71
September	3,170	7.6	76
October	4,004	9.3	114
November	2,878	6.9	74
December	2,873	6.7	105

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

TABLE 74
MARRIAGES BY RACE OF SPOUSE
ALABAMA, 2022

RACE OF SPOUSE 1	RACE OF SPOUSE 2				
	TOTAL	WHITE	BLACK	OTHER	NOT STATED
TOTAL	**36,869**	**28,356**	**7,027**	**1,349**	**137**
WHITE	**28,270**	26,815	690	717	48
BLACK	**7,398**	966	6,246	160	26
OTHER	**1071**	538	81	446	6
NOT STATED	**130**	37	10	26	57

TABLE 75
MARRIAGES BY PREVIOUS MARITAL STATUS OF SPOUSE ALABAMA, 2022

MARITAL STATUS OF SPOUSE 1	MARITAL STATUS OF SPOUSE 2				
	TOTAL	NEVER MARRIED	WIDOWED	DIVORCED	NOT STATED
TOTAL	**36,869**	**22,628**	**1,339**	**12,774**	**128**
NEVER MARRIED	**22,406**	18,629	187	3,548	42
WIDOWED	**1,353**	177	420	755	1
DIVORCED	**12,984**	3,776	730	8,451	27
NOT STATED	**126**	46	2	20	58

TABLE 76
MARRIAGES BY AGE GROUP OF SPOUSE
ALABAMA, 2022

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	**36,869**	**2**	**1,167**	**7,581**	**7,975**	**5,487**	**3,827**	**3,107**	**2,442**	**2,016**	**1,242**	**964**	**497**	**301**	**250**	**11**
Under 15	**1**	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
15-19	**865**	0	480	331	38	9	3	1	0	0	0	0	0	0	0	3
20-24	**7,092**	2	581	4,873	1,298	229	61	31	9	5	0	2	0	0	0	1
25-29	**8,027**	0	68	1,858	4,297	1,286	335	101	52	17	8	2	2	0	0	1
30-34	**5,457**	0	23	357	1,629	2,161	843	282	101	38	12	6	1	1	0	3
35-39	**3,902**	0	6	92	446	1,083	1,256	637	253	83	30	12	0	2	1	1
40-44	**3,044**	0	7	33	154	443	747	968	432	187	45	20	7	1	0	0
45-49	**2,418**	0	1	17	65	160	344	637	698	322	114	44	14	0	2	0
50-54	**2,020**	0	0	13	31	65	139	271	511	637	214	102	24	5	8	0
55-59	**1,549**	0	0	5	12	27	62	108	251	419	405	183	49	21	7	0
60-64	**1,061**	0	0	1	2	14	23	47	88	195	244	298	100	34	14	1
65-69	**678**	0	0	1	2	6	9	14	28	80	120	194	151	53	19	1
70-74	**403**	0	0	0	0	2	4	8	12	28	36	72	94	102	45	0
75+	**349**	0	1	0	0	1	1	2	6	5	14	29	55	82	153	0
Not Stated	**3**	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0

TABLE 77
DIVORCES[1] AND ANNULMENTS BY DURATION OF MARRIAGE AND NUMBER OF MINOR CHILDREN[2]
ALABAMA, 2022

DURATION OF MARRIAGE (IN YEARS)	NUMBER OF MINOR CHILDREN											
	Total	0	1	2	3	4	5	6	7	8	9+	Not Stated
Total	**16,069**	**9,840**	**3,009**	**2,248**	**737**	**184**	**35**	**12**	**1**	**3**	**0**	**0**
Under 1	**747**	686	37	17	5	1	1	0	0	0	0	0
1-4	**4,551**	3,277	864	325	69	14	1	1	0	0	0	0
5-9	**4,153**	2,248	899	730	223	48	5	0	0	0	0	0
10-14	**2,388**	1,035	497	567	218	52	10	7	1	1	0	0
15-19	**1,627**	684	326	392	163	45	15	2	0	0	0	0
20-24	**1,123**	643	247	159	50	19	3	1	0	1	0	0
25-29	**731**	559	112	48	7	4	0	0	0	1	0	0
30-34	**377**	344	23	7	1	1	0	1	0	0	0	0
35-39	**195**	189	4	2	0	0	0	0	0	0	0	0
40+	**176**	174	0	1	1	0	0	0	0	0	0	0
Not Stated	**1**	1	0	0	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
DIVORCES[1] AND ANNULMENTS BY PARTY TO WHOM GRANTED
ALABAMA, 2022

PARTY TO WHOM DIVORCE GRANTED	TOTAL	DIVORCES	ANNULMENTS
TOTAL	**16,069**	**15,967**	**102**
Spouse 1	1,004	997	7
Spouse 2	1,659	1,646	13
Spouse 1 and Spouse 2	13,324	13,266	58
Not stated	82	58	24

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

TABLE 79
DIVORCES[1] AND ANNULMENTS BY RACE OF SPOUSE
ALABAMA, 2022

RACE OF SPOUSE 1	RACE OF SPOUSE 2		
	TOTAL	WHITE	BLACK AND OTHER
TOTAL	**16,069**	**11,632**	**4,437**
WHITE	**11,826**	11,305	521
BLACK AND OTHER	**4,243**	327	3,916

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

TABLE 80
DIVORCES[1] AND ANNULMENTS BY LEGAL GROUNDS FOR DECREE
ALABAMA, 2022

LEGAL GROUNDS	TOTAL	DIVORCES	ANNULMENTS
TOTAL	**16,069**	**15,967**	**102**
Abandonment	37	36	1
Adultery	142	141	1
Bigamy	10	2	8
Cruelty or violence	68	64	4
Fraud	24	7	17
Incompatibility	12,520	12,470	50
Irretrievable breakdown	3,152	3,147	5
All other causes	110	95	15
Not stated	6	5	1

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

TABLE 81
DIVORCES[1] AND ANNULMENTS BY AGE GROUP OF SPOUSE
ALABAMA, 2022

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	**16,069**	**42**	**983**	**2,035**	**2,463**	**2,496**	**2,360**	**1,884**	**1,546**	**966**	**677**	**342**	**167**	**107**	**1**
Under 20	**17**	9	4	0	1	2	0	1	0	0	0	0	0	0	0
20-24	**634**	26	481	93	18	9	2	3	2	0	0	0	0	0	0
25-29	**1,688**	3	362	1,031	219	49	16	5	0	1	1	1	0	0	0
30-34	**2,305**	4	92	632	1,141	290	93	32	16	1	2	1	0	1	0
35-39	**2,304**	0	15	184	676	1,025	291	80	22	8	2	0	1	0	0
40-44	**2,374**	0	17	52	264	713	953	268	88	15	3	1	0	0	0
45-49	**2,038**	0	5	20	86	253	617	739	256	43	16	2	0	0	1
50-54	**1,678**	0	5	14	25	89	227	493	596	167	49	9	4	0	0
55-59	**1,201**	0	0	3	19	37	96	174	355	354	122	30	8	3	0
60-64	**866**	0	0	2	9	17	35	59	147	251	255	59	27	5	0
65-69	**501**	0	1	2	3	7	16	22	45	88	155	124	32	6	0
70-74	**252**	0	0	1	2	4	7	6	17	28	44	76	54	13	0
75+	**210**	0	1	1	0	1	6	2	2	10	28	39	41	79	0
Not Stated	**1**	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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

TABLE 82
ESTIMATED POPULATION[1] BY COUNTY OF RESIDENCE, RACE AND SEX
ALABAMA, 2022

COUNTY OF RESIDENCE	ALL RACES			WHITE			BLACK AND OTHER		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	**5,074,296**	**2,467,360**	**2,606,936**	**3,494,189**	**1,724,699**	**1,769,490**	**1,580,107**	**742,661**	**837,446**
Autauga	59,759	29,105	30,654	44,697	22,026	22,671	15,062	7,079	7,983
Baldwin	246,435	120,164	126,271	215,369	105,225	110,144	31,066	14,939	16,127
Barbour	24,706	13,064	11,642	12,149	6,423	5,726	12,557	6,641	5,916
Bibb	22,005	11,775	10,230	16,837	8,637	8,200	5,168	3,138	2,030
Blount	59,512	29,583	29,929	56,768	28,150	28,618	2,744	1,433	1,311
Bullock	10,202	5,653	4,549	2,847	1,740	1,107	7,355	3,913	3,442
Butler	18,650	8,764	9,886	9,697	4,704	4,993	8,953	4,060	4,893
Calhoun	115,788	56,321	59,467	85,491	41,877	43,614	30,297	14,444	15,853
Chambers	34,088	16,253	17,835	19,343	9,370	9,973	14,745	6,883	7,862
Cherokee	25,302	12,747	12,555	23,468	11,790	11,678	1,834	957	877
Chilton	45,884	22,559	23,325	39,950	19,678	20,272	5,934	2,881	3,053
Choctaw	12,439	5,916	6,523	7,146	3,520	3,626	5,293	2,396	2,897
Clarke	22,515	10,710	11,805	11,836	5,823	6,013	10,679	4,887	5,792
Clay	14,198	6,968	7,230	11,789	5,819	5,970	2,409	1,149	1,260
Cleburne	15,346	7,652	7,694	14,497	7,230	7,267	849	422	427
Coffee	54,805	27,271	27,534	41,558	20,737	20,821	13,247	6,534	6,713
Colbert	58,033	27,988	30,045	46,684	22,744	23,940	11,349	5,244	6,105
Conecuh	11,206	5,398	5,808	5,730	2,883	2,847	5,476	2,515	2,961
Coosa	10,166	5,114	5,052	6,930	3,546	3,384	3,236	1,568	1,668
Covington	37,602	18,282	19,320	31,536	15,439	16,097	6,066	2,843	3,223
Crenshaw	13,025	6,374	6,651	9,333	4,568	4,765	3,692	1,806	1,886
Cullman	90,665	45,264	45,401	86,805	43,229	43,576	3,860	2,035	1,825
Dale	49,544	24,296	25,248	36,058	18,056	18,002	13,486	6,240	7,246
Dallas	36,767	17,169	19,598	10,051	4,904	5,147	26,716	12,265	14,451
DeKalb	71,998	35,995	36,003	66,535	33,185	33,350	5,463	2,810	2,653
Elmore	89,563	43,693	45,870	66,973	32,382	34,591	22,590	11,311	11,279
Escambia	36,666	18,364	18,302	22,875	11,274	11,601	13,791	7,090	6,701
Etowah	103,088	50,181	52,907	83,267	40,760	42,507	19,821	9,421	10,400
Fayette	16,118	7,935	8,183	13,843	6,785	7,058	2,275	1,150	1,125
Franklin	31,932	15,964	15,968	29,111	14,489	14,622	2,821	1,475	1,346
Geneva	26,783	13,177	13,606	23,186	11,421	11,765	3,597	1,756	1,841
Greene	7,422	3,448	3,974	1,351	655	696	6,071	2,793	3,278
Hale	14,595	6,939	7,656	6,005	2,994	3,011	8,590	3,945	4,645
Henry	17,655	8,581	9,074	12,789	6,275	6,514	4,866	2,306	2,560
Houston	108,079	51,910	56,169	73,626	35,909	37,717	34,453	16,001	18,452
Jackson	52,891	26,117	26,774	48,269	23,832	24,437	4,622	2,285	2,337
Jefferson	665,409	315,909	349,500	350,423	171,012	179,411	314,986	144,897	170,089
Lamar	13,705	6,777	6,928	11,955	5,919	6,036	1,750	858	892
Lauderdale	95,878	46,193	49,685	82,646	39,916	42,730	13,232	6,277	6,955
Lawrence	33,214	16,282	16,932	26,136	12,899	13,237	7,078	3,383	3,695
Lee	180,773	89,202	91,571	127,373	63,669	63,704	53,400	25,533	27,867
Limestone	110,900	55,822	55,078	88,713	44,484	44,229	22,187	11,338	10,849
Lowndes	9,777	4,694	5,083	2,461	1,245	1,216	7,316	3,449	3,867
Macon	18,516	8,452	10,064	3,351	1,777	1,574	15,165	6,675	8,490
Madison	403,565	199,291	204,274	275,671	139,012	136,659	127,894	60,279	67,615
Marengo	18,745	8,903	9,842	8,703	4,302	4,401	10,042	4,601	5,441
Marion	29,156	14,465	14,691	27,282	13,440	13,842	1,874	1,025	849
Marshall	99,423	49,239	50,184	91,863	45,330	46,533	7,560	3,909	3,651
Mobile	411,411	196,896	214,515	239,937	117,401	122,536	171,474	79,495	91,979
Monroe	19,404	9,290	10,114	10,620	5,236	5,384	8,784	4,054	4,730
Montgomery	226,361	106,477	119,884	75,717	37,327	38,390	150,644	69,150	81,494
Morgan	124,211	61,554	62,657	101,951	50,708	51,243	22,260	10,846	11,414
Perry	8,035	3,761	4,274	2,306	1,139	1,167	5,729	2,622	3,107
Pickens	18,697	9,517	9,180	10,924	5,762	5,162	7,773	3,755	4,018
Pike	33,014	15,812	17,202	18,881	9,292	9,589	14,133	6,520	7,613
Randolph	22,479	10,995	11,484	17,650	8,686	8,964	4,829	2,309	2,520
Russell	58,555	27,888	30,667	28,608	14,033	14,575	29,947	13,855	16,092
St. Clair	93,932	46,643	47,289	80,969	40,053	40,916	12,963	6,590	6,373
Shelby	230,115	112,209	117,906	186,538	91,480	95,058	43,577	20,729	22,848
Sumter	11,853	5,464	6,389	3,231	1,545	1,686	8,622	3,919	4,703
Talladega	80,704	39,421	41,283	51,909	25,568	26,341	28,795	13,853	14,942
Tallapoosa	40,977	20,015	20,962	29,064	14,434	14,630	11,913	5,581	6,332
Tuscaloosa	236,780	114,154	122,626	150,820	74,745	76,075	85,960	39,409	46,551
Walker	64,339	31,368	32,971	58,384	28,494	29,890	5,955	2,874	3,081
Washington	15,122	7,431	7,691	10,082	5,013	5,069	5,040	2,418	2,622
Wilcox	10,059	4,687	5,372	2,897	1,390	1,507	7,162	3,297	3,865
Winston	23,755	11,855	11,900	22,725	11,309	11,416	1,030	546	484

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

TABLE 83
ESTIMATED POPULATION[1] BY AGE GROUP, RACE AND SEX
ALABAMA, 2022

AGE GROUP	TOTAL POPULATION	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	**5,074,296**	**3,494,189**	**1,724,699**	**1,769,490**	**1,580,107**	**742,661**	**837,446**
0-4	290,299	180,341	92,269	88,072	109,958	55,950	54,008
5-9	305,273	195,845	100,158	95,687	109,428	55,126	54,302
10-14	318,447	205,964	105,687	100,277	112,483	57,144	55,339
15-19	334,114	216,880	110,846	106,034	117,234	58,689	58,545
20-24	355,450	229,203	116,263	112,940	126,247	61,750	64,497
25-29	321,108	208,303	106,100	102,203	112,805	55,152	57,653
30-34	336,797	221,016	110,410	110,606	115,781	55,463	60,318
35-39	311,105	210,362	105,527	104,835	100,743	46,274	54,469
40-44	310,743	210,772	106,193	104,579	99,971	45,552	54,419
45-49	296,419	205,824	103,473	102,351	90,595	40,926	49,669
50-54	321,378	230,160	116,723	113,437	91,218	41,646	49,572
55-59	325,873	234,725	117,482	117,243	91,148	41,580	49,568
60-64	332,557	241,376	118,787	122,589	91,181	40,637	50,544
65-69	297,711	218,808	104,796	114,012	78,903	34,509	44,394
70-74	243,171	184,518	85,779	98,739	58,653	24,824	33,829
75-79	174,946	140,104	62,902	77,202	34,842	14,268	20,574
80-84	105,534	85,099	35,529	49,570	20,435	7,774	12,661
85+	93,371	74,889	25,775	49,114	18,482	5,397	13,085

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

TABLE 84
ESTIMATED POPULATION[1] BY COUNTY OF RESIDENCE, HISPANIC ORIGIN, RACE AND SEX, ALABAMA, 2022

COUNTY OF RESIDENCE	ALL RACES	NON-HISPANIC WHITE		NON-HISPANIC BLACK AND OTHER		HISPANIC		
	TOTAL	MALE	FEMALE	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	**5,074,296**	**1,614,573**	**1,669,091**	**721,964**	**818,415**	**250,253**	**130,823**	**119,430**
Autauga	59,759	21,162	21,895	6,869	7,812	2,021	1,074	947
Baldwin	246,435	99,606	104,882	14,188	15,348	12,411	6,370	6,041
Barbour	24,706	5,891	5,294	6,455	5,806	1,260	718	542
Bibb	22,005	8,331	7,952	3,056	1,967	699	388	311
Blount	59,512	25,165	26,011	1,207	1,136	5,993	3,211	2,782
Bullock	10,202	1,427	792	3,727	3,302	954	499	455
Butler	18,650	4,580	4,888	4,003	4,838	341	181	160
Calhoun	115,788	39,624	41,660	14,013	15,460	5,031	2,684	2,347
Chambers	34,088	8,992	9,569	6,640	7,662	1,225	621	604
Cherokee	25,302	11,570	11,464	919	822	527	258	269
Chilton	45,884	17,849	18,708	2,595	2,844	3,888	2,115	1,773
Choctaw	12,439	3,478	3,550	2,377	2,879	155	61	94
Clarke	22,515	5,687	5,905	4,839	5,725	359	184	175
Clay	14,198	5,608	5,800	1,116	1,222	452	244	208
Cleburne	15,346	7,056	7,104	391	394	401	205	196
Coffee	54,805	18,789	18,830	5,951	6,273	4,962	2,531	2,431
Colbert	58,033	21,843	23,109	5,071	5,966	2,044	1,074	970
Conecuh	11,206	2,790	2,750	2,424	2,868	374	184	190
Coosa	10,166	3,463	3,302	1,500	1,616	285	151	134
Covington	37,602	15,153	15,818	2,729	3,096	806	400	406
Crenshaw	13,025	4,412	4,643	1,758	1,839	373	204	169
Cullman	90,665	41,229	41,634	1,807	1,644	4,351	2,228	2,123
Dale	49,544	16,543	16,593	5,893	6,881	3,634	1,860	1,774
Dallas	36,767	4,786	5,039	12,140	14,354	448	243	205
DeKalb	71,998	28,097	28,631	1,884	1,872	11,514	6,014	5,500
Elmore	89,563	31,236	33,416	11,049	11,014	2,848	1,408	1,440
Escambia	36,666	10,889	11,291	6,929	6,584	973	546	427
Etowah	103,088	38,777	40,709	8,790	9,891	4,921	2,614	2,307
Fayette	16,118	6,647	6,940	1,110	1,093	328	178	150
Franklin	31,932	11,603	12,213	1,051	928	6,137	3,310	2,827
Geneva	26,783	10,854	11,236	1,629	1,752	1,312	694	618
Greene	7,422	609	661	2,753	3,237	162	86	76
Hale	14,595	2,903	2,938	3,914	4,604	236	122	114
Henry	17,655	6,077	6,342	2,248	2,512	476	256	220
Houston	108,079	34,224	36,083	15,564	17,998	4,210	2,122	2,088
Jackson	52,891	23,085	23,769	2,062	2,133	1,842	970	872
Jefferson	665,409	157,608	167,032	143,157	168,331	29,281	15,144	14,137
Lamar	13,705	5,791	5,935	821	868	290	165	125
Lauderdale	95,878	38,700	41,454	5,970	6,697	3,057	1,523	1,534
Lawrence	33,214	12,502	12,863	3,294	3,609	946	486	460
Lee	180,773	60,321	60,908	24,956	27,271	7,317	3,925	3,392
Limestone	110,900	41,294	41,269	10,684	10,240	7,413	3,844	3,569
Lowndes	9,777	1,209	1,176	3,404	3,812	176	81	95
Macon	18,516	1,581	1,495	6,581	8,387	472	290	182
Madison	403,565	129,255	127,470	58,506	65,767	22,567	11,530	11,037
Marengo	18,745	4,003	4,231	4,516	5,379	616	384	232
Marion	29,156	13,047	13,507	962	787	853	456	397
Marshall	99,423	37,907	40,005	2,838	2,758	15,915	8,494	7,421
Mobile	411,411	111,825	117,151	78,417	90,894	13,124	6,654	6,470
Monroe	19,404	5,096	5,259	4,008	4,683	358	186	172
Montgomery	226,361	33,709	34,971	68,070	80,433	9,178	4,698	4,480
Morgan	124,211	45,284	46,635	10,138	10,801	11,353	6,132	5,221
Perry	8,035	1,099	1,135	2,604	3,076	121	58	63
Pickens	18,697	5,132	4,828	3,670	3,938	1,129	715	414
Pike	33,014	8,972	9,340	6,399	7,484	819	441	378
Randolph	22,479	8,364	8,694	2,248	2,475	698	383	315
Russell	58,555	12,719	13,262	13,351	15,612	3,611	1,818	1,793
St. Clair	93,932	38,983	39,862	6,398	6,198	2,491	1,262	1,229
Shelby	230,115	84,846	88,823	20,062	22,298	14,086	7,301	6,785
Sumter	11,853	1,484	1,636	3,890	4,662	181	90	91
Talladega	80,704	24,618	25,697	13,575	14,766	2,048	1,228	820
Tallapoosa	40,977	14,049	14,267	5,405	6,212	1,044	561	483
Tuscaloosa	236,780	70,344	72,056	38,658	45,902	9,820	5,152	4,668
Walker	64,339	27,557	29,148	2,656	2,892	2,086	1,155	931
Washington	15,122	4,925	4,977	2,371	2,572	277	135	142
Wilcox	10,059	1,340	1,476	3,261	3,828	154	86	68
Winston	23,755	10,974	11,108	443	411	819	438	381

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

TABLE 85
ESTIMATED POPULATION [1] BY AGE GROUP, HISPANIC ORIGIN, RACE AND SEX
ALABAMA, 2022

AGE GROUP	TOTAL POPULATION	NON-HISPANIC WHITE		NON-HISPANIC BLACK AND OTHER		HISPANIC	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	**5,074,296**	**1,614,573**	**1,669,091**	**721,964**	**818,415**	**130,823**	**119,430**
0-4	290,299	80,746	76,678	53,504	51,716	13,969	13,686
5-9	305,273	89,106	84,796	52,889	52,071	13,289	13,122
10-14	318,447	93,817	88,832	55,094	53,308	13,920	13,476
15-19	334,114	100,156	95,862	56,687	56,682	12,692	12,035
20-24	355,450	107,281	104,482	59,967	62,960	10,765	9,995
25-29	321,108	99,191	95,761	53,827	56,409	8,234	7,686
30-34	336,797	102,935	104,067	53,939	58,982	8,999	7,875
35-39	311,105	97,232	98,243	44,827	53,220	9,742	7,841
40-44	310,743	98,220	98,092	44,092	53,241	9,433	7,665
45-49	296,419	96,580	96,686	39,760	48,692	8,059	6,642
50-54	321,378	111,098	109,017	40,718	48,743	6,553	5,249
55-59	325,873	113,237	113,823	40,848	48,927	4,977	4,061
60-64	332,557	115,622	119,893	40,034	50,018	3,768	3,222
65-69	297,711	102,626	112,016	34,070	43,980	2,609	2,410
70-74	243,171	84,397	97,386	24,583	33,573	1,623	1,609
75-79	174,946	62,068	76,272	14,119	20,407	983	1,097
80-84	105,534	35,017	48,917	7,667	12,533	619	781
85+	93,371	25,244	48,268	5,339	12,953	589	978

[1]Mid-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 99 percent of the deaths were submitted through the Electronic Death Registration System in 2022. 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 2022 Census show the population for Alabama as 68.9 percent White, 26.8 percent Black and 4.3 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 NCHS[2]. 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 Series[3]. 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 UNKNOWNS

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, 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

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

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

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

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

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

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

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

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

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

DIVORCE RATE (DISSOLUTION) = $\frac{\text{Number of Divorces and Annulments}}{\text{Estimated Midyear Population}}$ X 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* = $\frac{\text{Number of Fetal Deaths 20 or More Weeks in Gestation}}{\text{Number of Live Births}}$ X 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 = $\frac{\text{Number of Live Births}}{\text{Estimated Female Population Aged 15-44}}$ X 1,000

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

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

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

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

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

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

FORMULAS (Continued)

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

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

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

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

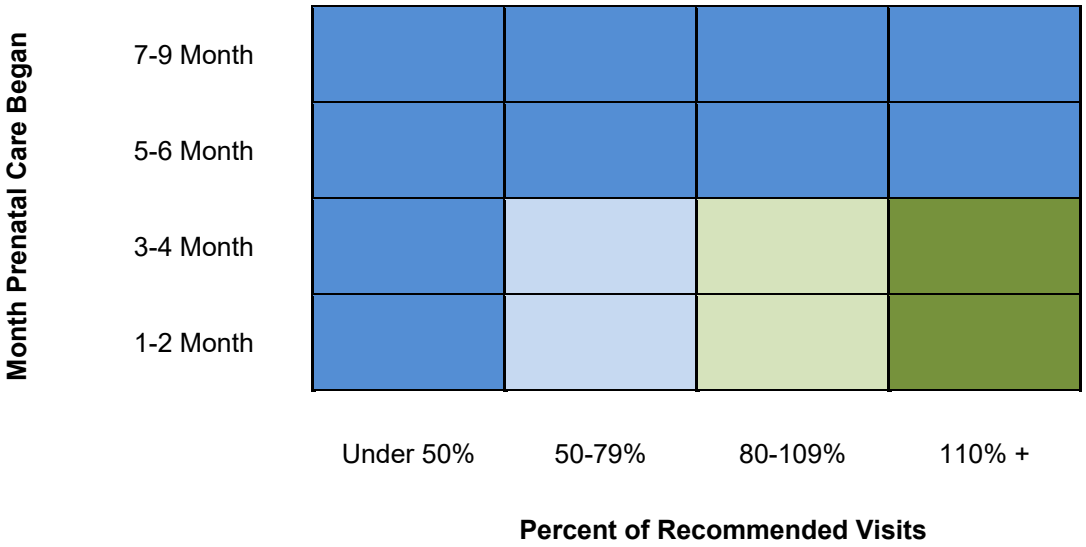
TEENAGE PREGNANCY RATE = $\frac{\text{Number of Live Births to Females Aged 10-19 + Number of Abortions to Females Aged 10-19 + Estimated Total Fetal Losses to Females Aged 10-19}}{\text{Estimated Female Population Aged 10-19}}$ X 1,000

TOTAL FERTILITY RATE* = (Age-Specific Birth Rate for Females Aged 15-19 X Age Interval in Age Group) + (Age-Specific Birth Rate for Females Aged 20-24 X Age Interval in Age Group) + (Age-Specific Birth Rate for Females Aged 25-29 X Age Interval in Age Group) + (Age-Specific Birth Rate for Females Aged 30-34 X Age Interval in Age Group) + (Age-Specific Birth Rate for Females Aged 35-39 X Age Interval in Age Group) + (Age-Specific Birth Rate for Females Aged 40-44 X Age Interval in Age Group)

*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 = $\frac{\text{Number of Vaginal Live Births after Cesarean}}{\text{Number of Live Births with a Vaginal Live Birth after Cesarean + Number of Live Births with a Repeat Cesarean}}$ X 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

OUNCES

POUNDS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	POUNDS
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	

OUNCES

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 (Werding-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
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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 abnomalities 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 entercolitis 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

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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 ingestation 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

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