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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* containing a two-page summary of vital statistics and other health data grouped together 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 on the Internet. They may be accessed through the Alabama Department of Public Health homepage at <http://www.adph.org/healthstats>. Look under "Health Statistics Pages" on the left side of the screen and click on "Publications". This site also contains many charts, graphs and maps that are not included in individual publications.

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 Internet Web site at <http://www.adph.org/healthstats>.



**TABLE 1**  
**RESIDENT BIRTHS AND BIRTH RATES <sup>1</sup> BY RACE OF MOTHER <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1950-2010**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1950	82,566	26.9	23.6	49,640	23.8	22.7	32,926	33.4	31.1
1951	83,878	27.0	24.5	51,133	24.3	23.6	32,745	32.9	31.8
1952	82,876	26.7	24.7	51,055	24.0	23.9	31,821	32.4	31.8
1953	82,525	26.4	24.7	50,711	23.6	23.7	31,814	32.4	32.3
1954	82,518	26.2	24.9	50,842	23.5	23.9	31,676	32.2	33.2
1955	81,867	25.8	24.6	49,810	22.8	23.6	32,057	32.6	33.1
1956	84,026	26.3	24.9	51,399	23.3	23.8	32,627	33.2	33.9
1957	83,991	26.2	25.0	51,883	23.3	23.9	32,108	32.7	33.9
1958	82,228	25.4	24.3	51,416	22.9	23.2	30,812	31.3	33.0
1959	82,364	25.3	24.0	51,104	22.5	22.9	31,260	31.8	32.9
1960	80,955	24.7	23.7	50,849	22.2	22.7	30,106	30.6	32.1
1961	80,732	24.5	23.3	50,647	21.9	22.2	30,085	30.9	31.6
1962	78,639	23.8	22.4	49,360	21.1	21.4	29,279	30.3	30.5
1963	76,027	22.9	21.7	47,793	20.2	20.7	28,234	29.4	29.7
1964	76,480	22.9	21.1	48,402	20.3	20.0	28,078	29.5	29.2
1965	70,589	21.0	19.4	44,689	18.5	18.3	25,900	27.4	27.6
1966	66,455	19.7	18.4	42,900	17.6	17.4	23,555	25.1	26.1
1967	64,652	19.0	17.8	41,771	16.9	16.8	22,881	24.6	25.0
1968	63,583	18.6	17.6	42,091	16.9	16.6	21,492	22.3	24.2
1969	64,705	18.9	17.9	43,495	17.3	16.9	21,210	23.2	24.5
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	13.7	21,194	15.8	16.9
2008	64,345	13.8	14.0	42,897	13.0	13.4	21,448	15.9	16.6
2009	62,476	13.3	13.5	42,897	13.0	12.8	21,448	15.9	15.9
2010	59,979	12.5	N/A	40,193	12.3	N/A	19,786	13.2	N/A

<sup>1</sup> Rate is per 1,000 population for specified group. See formula in Appendix B.

<sup>2</sup> Rates for 1945-1989 are by race of child.

**TABLE 2  
RESIDENT BIRTHS AND BIRTH RATES <sup>1</sup>  
BY RACE OF MOTHER AND COUNTY OF RESIDENCE  
ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	59,979	12.5	40,193	12.3	19,786	13.2
Autauga	654	12.0	502	11.7	152	13.0
Baldwin	2,161	11.9	1,865	11.9	296	11.3
Barbour	324	11.8	159	12.1	165	11.6
Bibb	239	10.4	186	10.7	53	9.6
Blount	705	12.3	686	12.9	19	4.5
Bullock	173	15.9	57	22.7	116	13.8
Butler	278	13.3	136	11.9	142	14.9
Calhoun	1,317	11.1	974	11.0	343	11.5
Chambers	392	11.5	220	10.9	172	12.2
Cherokee	207	8.0	193	8.0	14	7.3
Chilton	574	13.2	494	13.5	80	11.5
Choctaw	138	10.0	78	10.1	60	9.8
Clarke	254	9.8	114	8.1	140	11.9
Clay	136	9.8	108	9.5	28	11.0
Cleburne	182	12.2	171	12.1	11	12.3
Coffee	697	14.0	551	14.8	146	11.6
Colbert	622	11.4	508	11.6	114	10.7
Conecuh	173	13.1	84	12.4	89	13.8
Coosa	86	7.5	55	7.2	31	8.0
Covington	419	11.1	361	11.3	58	10.1
Crenshaw	190	13.7	133	13.2	57	15.0
Cullman	988	12.3	968	12.7	20	4.7
Dale	687	13.7	542	14.6	145	11.1
Dallas	611	13.9	125	9.8	486	15.7
DeKalb	956	13.4	912	15.2	44	4.0
Elmore	952	12.0	731	12.1	221	11.7
Escambia	504	13.2	306	12.9	198	13.6
Etowah	1,237	11.8	1,024	12.2	213	10.3
Fayette	195	11.3	163	10.9	32	13.7
Franklin	494	15.6	467	17.7	27	5.0
Geneva	311	11.6	278	12.0	33	9.0
Greene	125	13.8	16	10.2	109	14.6
Hale	195	12.4	73	11.7	122	12.9
Henry	162	9.4	111	9.4	51	9.4
Houston	1,348	13.3	876	12.3	472	15.5
Jackson	554	10.4	516	10.7	38	7.8
Jefferson	8,883	13.5	4,533	13.0	4,350	14.1
Lamar	141	9.7	130	10.3	11	5.7
Lauderdale	947	10.2	812	10.1	135	10.7
Lawrence	330	9.6	278	10.4	52	6.8
Lee	1,683	12.0	1,187	11.9	496	12.3
Limestone	998	12.1	860	12.9	138	8.5
Lowndes	171	15.1	38	13.3	133	15.8
Macon	241	11.2	47	14.2	194	10.7
Madison	4,191	12.5	2,786	12.2	1,405	13.2
Marengo	227	10.8	96	9.8	131	11.6
Marion	303	9.8	291	10.1	12	6.0
Marshall	1,328	14.3	1,108	13.6	220	19.0
Mobile	5,700	13.8	3,182	12.8	2,518	15.3
Monroe	264	11.4	119	9.4	145	14.0
Montgomery	3,080	13.4	1,084	12.0	1,996	14.4
Morgan	1,505	12.6	1,280	13.4	225	9.3
Perry	125	11.8	16	5.0	109	14.8
Pickens	217	11.0	106	9.5	111	12.9
Pike	396	12.0	197	10.3	199	14.5
Randolph	228	10.0	174	9.9	54	10.0
Russell	796	15.0	474	16.7	322	13.1
St. Clair	1,138	13.6	1,034	14.0	104	10.6
Shelby	2,500	12.8	2,111	13.0	389	11.7
Sumter	129	9.4	27	8.1	102	9.8
Talladega	857	10.4	542	10.1	315	11.0
Tallapoosa	482	11.6	318	10.9	164	13.1
Tuscaloosa	2,471	12.7	1,440	11.2	1,031	15.7
Walker	848	12.7	789	12.9	59	10.0
Washington	172	9.8	112	9.7	60	9.9
Wilcox	129	11.1	21	6.7	108	12.6
Winston	259	10.6	258	11.0	1	0.9

<sup>1</sup>Rate is per 1,000 population for specified group. See formula in Appendix B. Use caution with rates derived from small numbers. Rates that apply to populations of less than 1,000 are shaded.

**TABLE 3  
RESIDENT BIRTHS BY PLURALITY  
ALABAMA, 1980-2010**

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

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

**TABLE 4**  
**BIRTHS BY HOSPITAL OF OCCURRENCE**  
**ALABAMA, 2010**

COUNTY AND HOSPITAL	TOTAL	COUNTY AND HOSPITAL	TOTAL
<b>ALABAMA</b>	58,786	<b>CULLMAN</b>	900
<b>AUTAUGA</b>	2	Cullman Regional Medical Center	895
Out of Hospital	2	Out of Hospital	5
<b>BALDWIN</b>	1,991	<b>DALE</b>	6
North Baldwin Infirmary	231	Dale Medical Center	2
South Baldwin Regional Medical Center	640	Out of Hospital	4
Thomas Hospital	1,115	<b>DALLAS</b>	779
Out of Hospital	5	Vaughan Regional Medical Cntr Pkway	771
<b>BARBOUR</b>	1	Out of Hospital	8
Medical Center Barbour	1	<b>DEKALB</b>	727
<b>BIBB</b>	1	DeKalb Regional Medical Center	721
Out of Hospital	1	Out of Hospital	6
<b>BLOUNT</b>	1	<b>ELMORE</b>	3
Out of Hospital	1	Out of Hospital	3
<b>BULLOCK</b>	2	<b>ESCAMBIA</b>	318
Out of Hospital	2	D. W. McMillan Memorial Hospital	316
<b>BUTLER</b>	1	Out of Hospital	2
L. V. Stabler Hospital	1	<b>ETOWAH</b>	1,163
<b>CALHOUN</b>	1,639	Gadsden Regional Medical Center	1,160
Jacksonville Medical Center	360	Out of Hospital	3
Northeast AL Regional Medical Center	1,272	<b>FAYETTE</b>	1
Out of Hospital	7	Fayette Medical Center	1
<b>CHAMBERS</b>	338	<b>FRANKLIN</b>	556
George H. Lanier Memorial Hospital	337	Russellville Hospital	556
Out of Hospital	1	<b>GENEVA</b>	0
<b>CHEROKEE</b>	1	<b>GREENE</b>	0
Out of Hospital	1	<b>HALE</b>	2
<b>CHILTON</b>	2	Out of Hospital	2
Out of Hospital	2	<b>HENRY</b>	0
<b>CHOCTAW</b>	0	<b>HOUSTON</b>	2,919
<b>CLARKE</b>	267	Flowers Hospital	1,343
Grove Hill Memorial Hospital	102	Southeast Alabama Medical Center	1,574
Jackson Medical Center	165	Out of Hospital	2
<b>CLAY</b>	0	<b>JACKSON</b>	354
<b>CLEBURNE</b>	0	Highlands Medical Center	353
<b>COFFEE</b>	909	Out of Hospital	1
Medical Center Enterprise	909	<b>JEFFERSON</b>	14,101
<b>COLBERT</b>	741	Baptist Medical Center Princeton	423
Helen Keller Memorial Hospital	737	Brookwood Medical Center	3,479
Out of Hospital	4	Children's Hospital of Alabama	1
<b>CONECUH</b>	2	Cooper Green-Mercy Hospital	361
Evergreen Medical Center	1	Medical West	628
Out of Hospital	1	St Vincent's East	1,165
<b>COOSA</b>	0	St Vincent's Birmingham	3,589
<b>COVINGTON</b>	433	Trinity Medical Center	619
Andalusia Regional Hospital	432	University of Alabama Hospital	3,811
Mizeil Memorial Hospital	1	Out of Hospital	25
<b>CRENSHAW</b>	154	<b>LAMAR</b>	0
Crenshaw Community Hospital	154		

**TABLE 4 (Continued)**  
**BIRTHS BY HOSPITAL OF OCCURRENCE**  
**ALABAMA, 2010**

COUNTY AND HOSPITAL	TOTAL	COUNTY AND HOSPITAL	TOTAL
<b>LAUDERDALE</b>	1,021	<b>MORGAN</b>	956
Eliza Coffee Memorial Hospital	1,017	Decatur General Hospital	534
Out of Hospital	4	Parkway Medical Center	415
<b>LAWRENCE</b>	0	Out of Hospital	7
<b>LEE</b>	1,684	<b>PERRY</b>	0
East Alabama Medical Center	1,676	<b>PICKENS</b>	1
Out of Hospital	8	Out of Hospital	1
<b>LIMESTONE</b>	492	<b>PIKE</b>	2
Athens Limestone Hospital	489	Troy Regional Medical Center	1
Out of Hospital	3	Out of Hospital	1
<b>LOWNDES</b>	1	<b>RANDOLPH</b>	1
Out of Hospital	1	Randolph Medical Center	1
<b>MACON</b>	3	<b>RUSSELL</b>	1
Out of Hospital	3	Out of Hospital	1
<b>MADISON</b>	6,021	<b>ST. CLAIR</b>	3
Crestwood Medical Center	851	St Vincent's St Clair	1
Huntsville Hospital	5,159	Out of Hospital	2
Out of Hospital	11	<b>SHELBY</b>	1,167
<b>MARENGO</b>	259	Shelby Baptist Medical Center	1,156
Bryan W. Whitfield Memorial Hospital	258	Out of Hospital	11
Out of Hospital	1	<b>SUMTER</b>	0
<b>MARION</b>	2	<b>TALLADEGA</b>	800
Northwest Medical Center	2	Citizens Baptist Medical Center	359
<b>MARSHALL</b>	1,179	Coosa Valley Baptist Medical Center	440
Marshall Medical Center North	306	Out of Hospital	1
Marshall Medical Center South	869	<b>TALLAPOOSA</b>	457
Out of Hospital	4	Russell Medical Center	457
<b>MOBILE</b>	6,491	<b>TUSCALOOSA</b>	3,290
Mobile Infirmary	1,178	DCH Regional Medical Center	1,700
Providence Hospital	1,858	Northport Medical Center	1,581
Springhill Memorial Hospital	637	Out of Hospital	9
U.S.A. Children's and Women's Hospital	2,808	<b>WALKER</b>	780
U.S.A. Medical Center	2	Walker Baptist Medical Center	780
Out of Hospital	8	<b>WASHINGTON</b>	0
<b>MONROE</b>	245	<b>WILCOX</b>	1
Monroe County Hospital	245	Out of Hospital	1
<b>MONTGOMERY</b>	5,613	<b>WINSTON</b>	2
Baptist Medical Center East	3,432	Lakeland Community Hospital	1
Baptist Medical Center South	849	Out of Hospital	1
Jackson Hospital	1,324		
Out of Hospital	8		

**TABLE 5**  
**TOTAL BIRTHS, BIRTHS TO UNMARRIED WOMEN AND PERCENT <sup>1</sup> OF**  
**BIRTHS TO UNMARRIED WOMEN BY RACE AND AGE OF MOTHER**  
**ALABAMA, 2010**

AGE OF MOTHER	TOTAL BIRTHS			BIRTHS TO UNMARRIED WOMEN			PERCENT OF BIRTHS TO UNMARRIED WOMEN		
	TOTAL	WHITE	BLACK & OTHER	TOTAL	WHITE	BLACK & OTHER	TOTAL	WHITE	BLACK & OTHER
<b>TOTAL</b>	59,979	40,193	19,786	25,127	11,086	14,041	41.9	27.6	71.0
<b>UNDER 15</b>	110	37	73	109	36	73	99.1	97.3	100.0
15-17	2,219	1,169	1,050	2,026	988	1,038	91.3	84.5	98.9
18-19	5,117	2,990	2,127	4,000	1,973	2,027	78.2	66.0	95.3
20-24	17,720	11,004	6,716	10,060	4,427	5,633	56.8	40.2	83.9
25-29	17,657	12,452	5,205	5,536	2,251	3,285	31.4	18.1	63.1
30-34	11,574	8,554	3,020	2,335	965	1,370	20.2	11.3	45.4
35-39	4,581	3,295	1,286	882	375	507	19.3	11.4	39.4
40-44	955	658	297	172	69	103	18.0	10.5	34.7
45+	46	34	12	7	2	5	---	---	---
NOT STATED	0	0	0	0	0	0	---	---	---

<sup>1</sup> Percentages were not calculated in instances where there were fewer than 50 births in specified population.

**TABLE 6**  
**PERCENT <sup>1</sup> OF BIRTHS TO UNMARRIED WOMEN**  
**BY RACE AND AGE OF MOTHER**  
**ALABAMA, 2001-2010**

RACE AND AGE OF MOTHER	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>TOTAL</b>	34.4	34.8	35.0	36.5	35.8	36.8	38.4	39.9	40.9	41.9
<b>UNDER 15</b>	95.1	97.0	94.2	97.5	98.0	96.3	94.1	98.1	99.4	99.1
15-17	83.3	83.8	84.1	85.8	84.2	83.8	85.8	88.4	90.0	91.3
18-19	65.8	66.6	69.1	69.0	67.2	68.7	70.4	73.3	73.8	78.2
20-24	45.4	46.5	47.4	49.1	47.8	47.9	50.2	52.3	54.7	56.8
25-29	21.5	21.9	23.0	24.6	25.4	26.3	28.0	28.9	29.4	31.4
30-34	12.3	12.8	12.6	14.4	14.7	16.1	17.0	18.2	19.8	20.2
35-39	14.1	14.4	13.8	14.2	13.4	13.9	15.4	16.8	17.7	19.3
40-44	16.5	16.7	17.6	16.5	18.5	19.6	17.3	18.9	18.3	18.0
45+	---	---	---	---	---	9.8	---	---	---	---
<b>WHITE</b>	18.8	19.7	20.2	21.7	21.0	22.3	23.9	25.4	27.0	27.6
<b>UNDER 15</b>	84.7	93.6	81.8	90.9	---	88.9	80.5	96.2	98.3	97.3
15-17	68.5	70.7	70.9	74.2	71.6	70.3	75.2	79.2	82.7	84.5
18-19	48.0	48.5	52.1	51.9	50.2	53.3	55.4	58.4	60.8	66.0
20-24	25.4	27.4	28.8	31.0	29.4	30.5	32.6	35.3	38.3	40.2
25-29	10.2	10.1	11.7	12.5	13.5	13.9	15.3	16.2	17.1	18.1
30-34	5.7	6.9	6.3	7.7	7.6	8.6	9.5	10.1	11.1	11.3
35-39	7.5	8.1	7.5	8.5	7.4	8.8	9.8	10.6	11.4	11.4
40-44	7.5	9.3	9.5	10.1	11.0	12.3	10.4	13.3	12.4	10.5
45+	---	---	---	---	---	---	---	---	---	---
<b>BLACK &amp; OTHER</b>	66.2	66.5	67.2	67.7	67.7	66.6	67.7	68.8	69.4	71.0
<b>UNDER 15</b>	100.0	98.4	100.0	100.0	100.0	100.0	100.0	99.1	100.0	100.0
15-17	98.1	97.3	97.9	97.7	97.3	97.4	97.4	98.2	98.0	98.9
18-19	90.3	92.3	93.3	93.6	92.1	90.6	91.2	93.4	92.8	95.3
20-24	76.6	77.5	78.1	79.2	78.2	77.0	79.1	80.1	81.7	83.9
25-29	50.5	52.2	54.0	54.9	55.3	56.3	57.6	58.5	60.0	63.1
30-34	35.5	34.0	35.4	36.7	37.4	38.4	39.1	41.3	44.2	45.4
35-39	33.3	32.1	33.6	33.1	33.4	30.7	32.3	35.2	34.5	39.4
40-44	35.3	35.8	36.1	34.9	35.8	37.3	36.4	32.8	33.1	34.7
45+	---	---	---	---	---	---	---	---	---	---

<sup>1</sup> Percentages were not calculated in instances where there were fewer than 50 births in specified population.



**TABLE 7**  
**NUMBER AND PERCENT <sup>1</sup> OF BIRTHS TO UNMARRIED WOMEN**  
**BY RACE OF MOTHER <sup>2</sup>**  
**ALABAMA, 1960-2010 <sup>3</sup>**

YEAR	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
1960	9,271	11.6	859	1.7	8,412	28.2
1961	9,433	11.8	868	1.7	8,565	28.8
1962	9,295	11.9	941	1.9	8,354	28.8
1963	9,298	12.3	1,012	2.1	8,286	30.0
1964	9,690	12.7	1,055	2.2	8,635	31.1
1965	9,145	13.1	1,070	2.4	8,075	31.6
1966	8,746	13.3	1,195	2.8	7,551	32.5
1967	9,002	14.1	1,257	3.1	7,745	34.2
1968	8,861	14.0	1,245	3.0	7,616	35.8
1969	8,927	13.9	1,400	3.3	7,527	35.8
1970	9,794	14.6	1,546	3.4	8,248	37.6
1971	10,498	15.7	1,492	3.4	9,006	40.0
1972	10,735	17.4	1,547	3.9	9,188	42.5
1973	10,725	18.0	1,570	4.1	9,155	44.3
1974	10,826	18.2	1,569	4.1	9,257	44.7
1975	11,476	19.8	1,811	4.8	9,665	47.5
1976	11,170	19.3	1,627	4.4	9,543	46.6
1977	12,212	19.7	1,882	4.7	10,330	47.7
1978	12,867	21.4	2,036	5.3	10,831	50.5
1979	13,674	21.9	2,196	5.5	11,478	50.6
1980	14,033	22.1	2,401	5.9	11,632	51.1
1981	13,848	22.5	2,555	6.4	11,293	51.7
1982	13,929	23.1	2,553	6.6	11,376	53.2
1983	14,026	23.8	2,716	7.1	11,314	54.9
1984	14,469	24.5	2,776	7.3	11,693	56.1
1985	14,876	24.9	3,133	8.0	11,743	57.0
1986	15,381	25.9	3,340	8.7	12,041	57.9
1987	15,946	26.8	3,655	9.4	12,291	59.3
1988	16,930	27.9	4,146	10.6	12,784	59.3
1989	18,632	29.8	4,652	11.6	13,980	62.3
1990	19,099	30.1	4,902	11.9	14,197	63.5
1991	20,008	31.9	5,202	12.8	14,806	66.9
1992	20,263	32.6	5,518	13.8	14,745	66.8
1993	20,649	33.5	5,933	14.9	14,716	67.7
1994	20,989	34.5	6,218	15.7	14,771	69.5
1995	20,782	34.5	6,598	16.6	14,184	68.9
1996	20,358	33.7	6,570	16.4	13,788	67.9
1997	20,614	33.9	6,825	16.9	13,789	67.4
1998	21,120	34.1	7,141	17.2	13,979	68.1
1999	20,658	33.3	7,166	17.2	13,492	66.2
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

<sup>1</sup>Denominator includes only births where marital status is known.

<sup>2</sup>Data for 1960-1989 are by race of child.

<sup>3</sup>Data for the years 1960-1970 are by occurrence. Data for 1971-2010 are by residence.

**TABLE 8  
NUMBER AND PERCENT <sup>1</sup> OF BIRTHS TO UNMARRIED WOMEN  
BY COUNTY OF RESIDENCE AND RACE OF MOTHER  
ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	<b>25,127</b>	<b>41.9</b>	<b>11,086</b>	<b>27.6</b>	<b>14,041</b>	<b>71.0</b>
Autauga	236	36.1	143	28.5	93	61.2
Baldwin	815	37.7	610	32.7	205	69.3
Barbour	179	55.2	45	28.3	134	81.2
Bibb	103	43.1	62	33.3	41	77.4
Blount	211	29.9	202	29.4	9	47.4
Bullock	113	65.3	7	12.3	106	91.4
Butler	163	58.6	47	34.6	116	81.7
Calhoun	554	42.1	308	31.6	246	71.7
Chambers	225	57.4	86	39.1	139	80.8
Cherokee	79	38.2	67	34.7	12	85.7
Chilton	171	29.8	128	25.9	43	53.8
Choctaw	71	51.4	24	30.8	47	78.3
Clarke	130	51.2	28	24.6	102	72.9
Clay	64	47.1	43	39.8	21	75.0
Cleburne	64	35.2	59	34.5	5	45.5
Coffee	217	31.1	123	22.3	94	64.4
Colbert	257	41.3	171	33.7	86	75.4
Conecuh	107	61.8	30	35.7	77	86.5
Coosa	55	64.0	28	50.9	27	87.1
Covington	187	44.6	152	42.1	35	60.3
Crenshaw	88	46.3	45	33.8	43	75.4
Cullman	301	30.5	297	30.7	4	20.0
Dale	215	31.3	122	22.5	93	64.1
Dallas	442	72.3	44	35.2	398	81.9
DeKalb	338	35.4	315	34.5	23	52.3
Elmore	380	39.9	231	31.6	149	67.4
Escambia	274	54.4	138	45.1	136	68.7
Etowah	493	39.9	326	31.8	167	78.4
Fayette	66	33.8	43	26.4	23	71.9
Franklin	130	26.3	116	24.8	14	51.9
Geneva	120	38.6	94	33.8	26	78.8
Greene	90	72.0	7	43.8	83	76.1
Hale	121	62.1	19	26.0	102	83.6
Henry	64	39.5	28	25.2	36	70.6
Houston	578	42.9	238	27.2	340	72.0
Jackson	200	36.1	178	34.5	22	57.9
Jefferson	4,107	46.2	958	21.1	3,149	72.4
Lamar	51	36.2	41	31.5	10	90.9
Lauderdale	336	35.5	231	28.4	105	77.8
Lawrence	131	39.7	97	34.9	34	65.4
Lee	507	30.1	211	17.8	296	59.7
Limestone	305	30.6	250	29.1	55	39.9
Lowndes	123	71.9	7	18.4	116	87.2
Macon	162	67.2	15	31.9	147	75.8
Madison	1,562	37.3	714	25.6	848	60.4
Marengo	124	54.6	19	19.8	105	80.2
Marion	79	26.1	71	24.4	8	66.7
Marshall	420	31.6	383	34.6	37	16.8
Mobile	2,874	50.4	1,020	32.1	1,854	73.6
Monroe	165	62.5	39	32.8	126	86.9
Montgomery	1,742	56.6	224	20.7	1,518	76.1
Morgan	556	36.9	403	31.5	153	68.0
Perry	95	76.0	2	12.5	93	85.3
Pickens	133	61.3	37	34.9	96	86.5
Pike	201	50.8	50	25.4	151	75.9
Randolph	107	46.9	67	38.5	40	74.1
Russell	376	47.2	142	30.0	234	72.7
St. Clair	333	29.3	278	26.9	55	52.9
Shelby	410	16.4	281	13.3	129	33.2
Sumter	87	67.4	3	11.1	84	82.4
Talladega	433	50.5	193	35.6	240	76.2
Tallapoosa	277	57.5	137	43.1	140	85.4
Tuscaloosa	1,071	43.3	319	22.2	752	72.9
Walker	225	26.5	188	23.8	37	62.7
Washington	74	43.0	34	30.4	40	66.7
Wilcox	99	76.7	7	33.3	92	85.2
Winston	61	23.6	61	23.6	0	0.0

<sup>1</sup>Denominator includes only births where the marital status was known.

**TABLE 9  
BIRTHS BY BIRTH ORDER  
RACE AND AGE OF MOTHER  
ALABAMA, 2010**

LIVE BIRTH ORDER AND RACE	AGE OF MOTHER									
	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40+	NOT STATED	
<b>TOTAL</b>	59,979	110	7,336	17,720	17,657	11,574	4,581	1,001	0	
WHITE	40,193	37	4,159	11,004	12,452	8,554	3,295	692	0	
BLACK AND OTHER	19,786	73	3,177	6,716	5,205	3,020	1,286	309	0	
<b>FIRST</b>	24,838	109	5,943	8,722	6,186	2,777	905	196	0	
WHITE	16,759	37	3,414	5,660	4,703	2,151	660	134	0	
BLACK AND OTHER	8,079	72	2,529	3,062	1,483	626	245	62	0	
<b>SECOND</b>	19,398	1	1,218	5,919	6,251	4,274	1,458	277	0	
WHITE	13,358	0	667	3,644	4,528	3,271	1,060	188	0	
BLACK AND OTHER	6,040	1	551	2,275	1,723	1,003	398	89	0	
<b>THIRD</b>	9,810	0	153	2,247	3,324	2,686	1,158	242	0	
WHITE	6,606	0	72	1,299	2,204	1,978	880	173	0	
BLACK AND OTHER	3,204	0	81	948	1,120	708	278	69	0	
<b>FOURTH</b>	3,748	0	18	641	1,230	1,125	597	137	0	
WHITE	2,293	0	5	316	714	756	409	93	0	
BLACK AND OTHER	1,455	0	13	325	516	369	188	44	0	
<b>FIFTH AND ABOVE</b>	2,155	0	2	184	652	706	463	148	0	
WHITE	1,159	0	1	80	294	395	286	103	0	
BLACK AND OTHER	996	0	1	104	358	311	177	45	0	
<b>NOT STATED</b>	30	0	2	7	14	6	0	1	0	
WHITE	18	0	0	5	9	3	0	1	0	
BLACK AND OTHER	12	0	2	2	5	3	0	0	0	

**TABLE 10**  
**BIRTHS BY TRIMESTER PRENATAL CARE BEGAN AND PERCENT BEGUN**  
**IN FIRST TRIMESTER, BY COUNTY OF RESIDENCE**  
**ALABAMA, 2010**

COUNTY	TOTAL	NO PRENATAL CARE	PERCENT FIRST TRIMESTER	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NOT STATED
<b>TOTAL</b>	59,979	1,162	79.8	47,418	9,179	1,692	528
Autauga	654	11	77.3	504	115	22	2
Baldwin	2,161	33	83.4	1,799	277	47	5
Barbour	324	13	61.8	194	89	18	10
Bibb	239	1	83.8	196	29	8	5
Blount	705	5	79.8	561	127	10	2
Bullock	173	16	48.8	84	52	20	1
Butler	278	1	77.2	213	55	7	2
Calhoun	1,317	48	85.6	1,126	126	16	1
Chambers	392	5	72.9	285	81	20	1
Cherokee	207	2	83.6	168	23	8	6
Chilton	574	16	78.7	450	93	13	2
Choctaw	138	1	85.5	118	15	4	0
Clarke	254	3	76.8	192	46	9	4
Clay	136	0	81.5	110	20	5	1
Cleburne	182	3	83.4	151	22	5	1
Coffee	697	11	77.6	541	106	39	0
Colbert	622	5	71.5	444	155	17	1
Conecuh	173	2	77.5	134	29	8	0
Coosa	86	1	83.5	71	10	3	1
Covington	419	4	68.8	287	120	6	2
Crenshaw	190	2	79.5	151	31	6	0
Cullman	988	14	88.4	873	90	11	0
Dale	687	6	82.5	566	98	16	1
Dallas	611	22	60.2	368	185	36	0
DeKalb	956	59	67.7	644	183	65	5
Elmore	952	18	78.2	744	163	27	0
Escambia	504	6	77.9	391	88	17	2
Etowah	1,237	28	80.8	999	178	31	1
Fayette	195	1	84.4	162	21	8	3
Franklin	494	7	71.6	353	100	33	1
Geneva	311	1	81.6	253	44	12	1
Greene	125	3	72.8	91	24	7	0
Hale	195	2	80.9	157	31	4	1
Henry	162	0	88.3	143	18	1	0
Houston	1,348	5	84.9	1,144	166	33	0
Jackson	554	4	83.5	456	73	13	8
Jefferson	8,883	97	81.1	7,184	1356	225	21
Lamar	141	0	84.3	118	16	6	1
Lauderdale	947	9	80.5	761	153	22	2
Lawrence	330	4	79.1	261	57	8	0
Lee	1,683	16	86.0	1,340	166	36	125
Limestone	998	22	81.2	809	121	44	2
Lowndes	171	1	74.9	128	32	10	0
Macon	241	6	74.2	178	48	8	1
Madison	4,191	73	84.8	3,550	492	73	3
Marengo	227	2	80.6	183	35	7	0
Marion	303	3	78.2	237	53	10	0
Marshall	1,328	188	63.3	840	250	48	2
Mobile	5,700	62	83.7	4,765	769	98	6
Monroe	264	4	81.7	215	38	6	1
Montgomery	3,080	108	72.1	2,216	640	109	7
Morgan	1,505	61	74.4	1,120	242	82	0
Perry	125	1	65.6	82	37	5	0
Pickens	217	4	73.9	156	40	11	6
Pike	396	7	72.2	285	84	19	1
Randolph	228	3	68.9	157	53	15	0
Russell	796	12	65.3	350	142	32	260
St. Clair	1,138	8	80.6	915	196	16	3
Shelby	2,500	30	86.0	2,150	281	38	1
Sumter	129	1	78.3	101	24	3	0
Talladega	857	7	79.7	681	140	26	3
Tallapoosa	482	3	83.6	403	62	14	0
Tuscaloosa	2,471	39	81.0	1,993	347	80	12
Walker	848	19	83.6	709	112	8	0
Washington	172	1	77.2	132	35	3	1
Wilcox	129	9	57.4	74	36	10	0
Winston	259	3	78.0	202	39	15	0

**TABLE 11  
BIRTHS AND PERCENT<sup>1</sup> OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX  
BY COUNTY OF RESIDENCE  
ALABAMA, 2010**

COUNTY	TOTAL	ADEQUATE PLUS	PERCENT <sup>1</sup> ADEQUATE PLUS	ADEQUATE	PERCENT <sup>1</sup> ADEQUATE	INTER-MEDIATE	PERCENT <sup>1</sup> INTER-MEDIATE	INADEQUATE	PERCENT <sup>1</sup> INADEQUATE	UNKNOWN
TOTAL	59,979	18,639	31.5	24,537	41.5	8,055	13.6	7,949	13.4	799
AUTAUGA	654	187	28.8	308	47.4	73	11.2	82	12.6	4
BALDWIN	2,161	882	41.0	820	38.1	217	10.1	233	10.8	9
BARBOUR	324	82	26.6	98	31.8	40	13.0	88	28.6	16
BIBB	239	83	35.6	96	41.2	24	10.3	30	12.9	6
BLOUNT	705	234	33.5	307	43.9	80	11.4	78	11.2	6
BULLOCK	173	40	23.3	48	27.9	19	11.0	65	37.8	1
BUTLER	278	80	29.1	128	46.5	37	13.5	30	10.9	3
CALHOUN	1,317	349	26.7	560	42.8	269	20.6	130	9.9	9
CHAMBERS	392	107	27.8	158	41.0	52	13.5	68	17.7	7
CHEROKEE	207	34	16.9	86	42.8	60	29.9	21	10.4	6
CHILTON	574	125	21.9	222	38.8	112	19.6	113	19.8	2
CHOCTAW	138	80	58.0	29	21.0	14	10.1	15	10.9	0
CLARKE	254	96	39.5	85	35.0	28	11.5	34	14.0	11
CLAY	136	53	39.6	62	46.3	9	6.7	10	7.5	2
CLEBURNE	182	64	35.6	84	46.7	19	10.6	13	7.2	2
COFFEE	697	129	18.6	370	53.2	79	11.4	117	16.8	2
COLBERT	622	174	28.0	291	46.9	69	11.1	87	14.0	1
CONECUH	173	64	37.2	46	26.7	36	20.9	26	15.1	1
COOSA	86	44	51.8	27	31.8	5	5.9	9	10.6	1
COVINGTON	419	184	44.3	134	32.3	34	8.2	63	15.2	4
CRENSHAW	190	54	28.4	80	42.1	29	15.3	27	14.2	0
CULLMAN	988	504	51.1	380	38.5	41	4.2	62	6.3	1
DALE	687	102	14.9	391	57.2	100	14.6	91	13.3	3
DALLAS	611	153	25.1	223	36.6	70	11.5	164	26.9	1
DEKALB	956	170	18.0	309	32.6	233	24.6	235	24.8	9
ELMORE	952	246	25.9	462	48.6	119	12.5	123	12.9	2
ESCAMBIA	504	167	33.3	182	36.3	92	18.4	60	12.0	3
ETOWAH	1,237	213	17.2	507	41.1	376	30.4	139	11.3	2
FAYETTE	195	84	43.8	62	32.3	21	10.9	25	13.0	3
FRANKLIN	494	109	22.1	205	41.6	89	18.1	90	18.3	1
GENEVA	311	68	22.0	170	55.0	35	11.3	36	11.7	2
GREENE	125	33	26.6	38	30.6	18	14.5	35	28.2	1
HALE	195	72	37.1	71	36.6	16	8.2	35	18.0	1
HENRY	162	39	24.1	86	53.1	25	15.4	12	7.4	0

<sup>1</sup>Percentages include only those births where The Adequacy of Prenatal Care Utilization Index (See Appendix B) value was known.

**TABLE 11  
BIRTHS AND PERCENT<sup>1</sup> OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX  
BY COUNTY OF RESIDENCE  
ALABAMA, 2010**

COUNTY	TOTAL	ADEQUATE PLUS	PERCENT <sup>1</sup> ADEQUATE PLUS	ADEQUATE	PERCENT <sup>1</sup> ADEQUATE	INTER-MEDIATE	PERCENT <sup>1</sup> INTER-MEDIATE	INADEQUATE	PERCENT <sup>1</sup> INADEQUATE	UNKNOWN
HOUSTON	1,348	347	25.9	664	49.6	181	13.5	148	11.0	8
JACKSON	554	192	35.3	238	43.8	59	10.8	55	10.1	10
JEFFERSON	8,883	3,041	34.5	3,768	42.7	922	10.5	1,084	12.3	68
LAMAR	141	55	39.3	54	38.6	9	6.4	22	15.7	1
LAUDERDALE	947	352	37.2	394	41.7	91	9.6	108	11.4	2
LAWRENCE	330	85	25.8	146	44.4	62	18.8	36	10.9	1
LEE	1,683	570	37.5	715	47.1	95	6.3	139	9.2	164
LIMESTONE	998	294	29.5	403	40.5	166	16.7	133	13.4	2
LOWNDES	171	55	32.2	65	38.0	22	12.9	29	17.0	0
MACON	241	70	29.2	115	47.9	20	8.3	35	14.6	1
MADISON	4,191	1,047	25.0	1,826	43.7	871	20.8	439	10.5	8
MARENGO	227	116	51.1	62	27.3	16	7.0	33	14.5	0
MARION	303	108	35.8	105	34.8	55	18.2	34	11.3	1
MARSHALL	1,328	357	27.0	367	27.7	216	16.3	383	28.9	5
MOBILE	5,700	1,797	31.6	2,427	42.7	918	16.1	548	9.6	10
MONROE	264	85	32.4	93	35.5	47	17.9	37	14.1	2
MONTGOMERY	3,080	759	24.8	1,373	44.8	380	12.4	554	18.1	14
MORGAN	1,505	375	24.9	581	38.6	261	17.3	288	19.1	0
PERRY	125	32	25.8	49	39.5	16	12.9	27	21.8	1
PICKENS	217	85	41.1	67	32.4	17	8.2	38	18.4	10
PIKE	396	79	20.1	195	49.5	44	11.2	76	19.3	2
RANDOLPH	228	65	29.0	89	39.7	23	10.3	47	21.0	4
RUSSELL	796	144	29.0	180	36.3	59	11.9	113	22.8	300
ST. CLAIR	1,138	359	31.8	518	45.8	137	12.1	116	10.3	8
SHELBY	2,500	821	32.9	1,099	44.1	321	12.9	252	10.1	7
SUMTER	129	54	41.9	38	29.5	17	13.2	20	15.5	0
TALLADEGA	857	341	40.3	324	38.3	77	9.1	104	12.3	11
TALLAPOOSA	482	245	51.1	166	34.7	26	5.4	42	8.8	3
TUSCALOOSA	2,471	886	36.2	878	35.8	311	12.7	375	15.3	21
WALKER	848	512	60.7	223	26.5	22	2.6	86	10.2	5
WASHINGTON	172	48	28.7	69	41.3	25	15.0	25	15.0	5
WILCOX	129	34	26.6	48	37.5	9	7.0	37	28.9	1
WINSTON	259	124	48.2	73	28.4	20	7.8	40	15.6	2

<sup>1</sup>Percentages include only those births where The Adequacy of Prenatal Care Utilization Index (See Appendix B) value was known.

**TABLE 12**  
**BIRTHS BY RACE, AGE OF MOTHER**  
**AND THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX <sup>1</sup>**  
**ALABAMA, 2010**

RACE AND AGE OF MOTHER	TOTAL	THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX				
		ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE	UNKNOWN
<b>TOTAL</b>	59,979	18,639	24,537	8,055	7,949	799
UNDER 15	110	24	25	13	45	3
15-19	7,336	1,950	2,686	1,120	1,491	89
20-24	17,720	5,000	7,032	2,606	2,849	233
25-29	17,657	5,603	7,475	2,324	1,986	269
30-34	11,574	3,949	5,032	1,431	1,015	147
35-39	4,581	1,676	1,923	468	467	47
40-44	955	417	349	88	91	10
45+	46	20	15	5	5	1
NOT STATED	0	0	0	0	0	0
<b>WHITE</b>	40,193	12,621	17,133	5,455	4,471	513
UNDER 15	37	8	9	5	15	0
15-19	4,159	1,114	1,626	655	723	41
20-24	11,004	3,125	4,508	1,668	1,563	140
25-29	12,452	3,917	5,487	1,679	1,177	192
30-34	8,554	2,932	3,817	1,052	644	109
35-39	3,295	1,227	1,425	328	289	26
40-44	658	283	250	65	56	4
45+	34	15	11	3	4	1
NOT STATED	0	0	0	0	0	0
<b>BLACK AND OTHER</b>	19,786	6,018	7,404	2,600	3,478	286
UNDER 15	73	16	16	8	30	3
15-19	3,177	836	1,060	465	768	48
20-24	6,716	1,875	2,524	938	1,286	93
25-29	5,205	1,686	1,988	645	809	77
30-34	3,020	1,017	1,215	379	371	38
35-39	1,286	449	498	140	178	21
40-44	297	134	99	23	35	6
45+	12	5	4	2	1	0
NOT STATED	0	0	0	0	0	0

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

**TABLE 13  
BIRTHS BY BIRTH WEIGHT <sup>1</sup>  
RACE AND AGE OF MOTHER  
ALABAMA, 2010**

BIRTH WEIGHT AND RACE	AGE OF MOTHER										
	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	NOT STATED
<b>TOTAL</b>	59,979	110	2,219	5,117	17,720	17,657	11,574	4,581	955	46	0
WHITE	40,193	37	1,169	2,990	11,004	12,452	8,554	3,295	658	34	0
BLACK AND OTHER	19,786	73	1,050	2,127	6,716	5,205	3,020	1,286	297	12	0
<b>LESS THAN 500 GRAMS</b>	124	1	4	7	38	30	30	13	1	0	0
WHITE	40	0	2	0	12	11	11	4	0	0	0
BLACK AND OTHER	84	1	2	7	26	19	19	9	1	0	0
<b>500-999 GRAMS</b>	484	2	19	34	158	144	85	36	6	0	0
WHITE	214	1	7	10	64	75	39	15	3	0	0
BLACK AND OTHER	270	1	12	24	94	69	46	21	3	0	0
<b>1,000-1,499 GRAMS</b>	590	3	24	49	154	175	123	49	13	0	0
WHITE	317	1	5	27	74	98	77	30	5	0	0
BLACK AND OTHER	273	2	19	22	80	77	46	19	8	0	0
<b>1,500-1,999 GRAMS</b>	1,191	4	45	117	321	342	239	89	32	2	0
WHITE	633	2	16	51	148	194	151	51	18	2	0
BLACK AND OTHER	558	2	29	66	173	148	88	38	14	0	0
<b>2,000-2,499 GRAMS</b>	3,794	6	177	375	1,208	1,022	645	284	73	4	0
WHITE	2,095	2	83	170	611	599	396	179	51	4	0
BLACK AND OTHER	1,699	4	94	205	597	423	249	105	22	0	0
<b>2,500-4,499 GRAMS</b>	53,311	94	1,942	4,512	15,754	15,773	10,324	4,055	817	40	0
WHITE	36,496	31	1,050	2,711	10,028	11,332	7,771	2,974	571	28	0
BLACK AND OTHER	16,815	63	892	1,801	5,726	4,441	2,553	1,081	246	12	0
<b>4,500 GRAMS &amp; OVER</b>	472	0	7	21	84	167	126	54	13	0	0
WHITE	388	0	5	19	65	139	108	42	10	0	0
BLACK AND OTHER	84	0	2	2	19	28	18	12	3	0	0
<b>NOT STATED</b>	13	0	1	2	3	4	2	1	0	0	0
WHITE	10	0	1	2	2	4	1	0	0	0	0
BLACK AND OTHER	3	0	0	0	1	0	1	1	0	0	0

<sup>1</sup>See Appendix B for conversion from grams to pounds and ounces.



**TABLE 14**  
**LOW WEIGHT BIRTHS AND PERCENT OF LOW WEIGHT BIRTHS**  
**BY RACE OF MOTHER <sup>1</sup>**  
**ALABAMA, 1960-2010**

YEAR	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
1960	6,840	8.5	3,462	6.8	3,378	11.2
1961	6,874	8.5	3,358	6.6	3,516	11.7
1962	6,822	8.7	3,484	7.1	3,338	11.4
1963	6,720	8.8	3,201	6.7	3,519	12.5
1964	6,794	8.9	3,379	7.0	3,415	12.2
1965	6,276	8.9	3,124	7.0	3,152	12.2
1966	5,967	9.0	3,076	7.2	2,891	12.3
1967	5,354	8.3	2,871	6.9	2,483	10.9
1968	5,676	8.9	3,027	7.2	2,649	12.3
1969	5,796	9.0	3,058	7.0	2,738	12.9
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

<sup>1</sup>Data for 1960-1989 are by race of the child.

**TABLE 15**  
**LOW WEIGHT BIRTHS AND PERCENT <sup>1</sup> OF LOW WEIGHT BIRTHS**  
**BY COUNTY OF RESIDENCE AND RACE OF MOTHER**  
**ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	6,183	10.3	3,299	8.2	2,884	14.6
Autauga	59	9.0	38	7.6	21	13.9
Baldwin	184	8.5	140	7.5	44	14.9
Barbour	47	14.5	16	10.1	31	18.8
Bibb	33	13.8	21	11.3	12	22.6
Blount	66	9.4	64	9.3	2	10.5
Bullock	30	17.3	6	10.5	24	20.7
Butler	20	7.2	10	7.4	10	7.0
Calhoun	111	8.4	68	7.0	43	12.5
Chambers	45	11.5	16	7.3	29	16.9
Cherokee	22	10.6	20	10.4	2	14.3
Chilton	54	9.4	44	8.9	10	12.5
Choctaw	13	9.4	6	7.7	7	11.7
Clarke	34	13.4	12	10.5	22	15.7
Clay	13	9.6	10	9.3	3	10.7
Cleburne	13	7.1	13	7.6	0	0.0
Coffee	61	8.8	37	6.7	24	16.4
Colbert	61	9.8	45	8.9	16	14.0
Conecuh	20	11.6	5	6.0	15	16.9
Coosa	13	15.1	5	9.1	8	25.8
Covington	46	11.0	36	10.0	10	17.2
Crenshaw	17	8.9	8	6.0	9	15.8
Cullman	97	9.8	97	10.0	0	0.0
Dale	42	6.1	27	5.0	15	10.3
Dallas	66	10.8	11	8.8	55	11.3
DeKalb	88	9.2	84	9.2	4	9.1
Elmore	72	7.6	47	6.4	25	11.3
Escambia	57	11.3	23	7.5	34	17.2
Etowah	101	8.2	84	8.2	17	8.0
Fayette	23	11.8	11	6.7	12	37.5
Franklin	52	10.5	50	10.7	2	7.4
Geneva	28	9.0	23	8.3	5	15.2
Greene	13	10.4	2	12.5	11	10.1
Hale	19	9.7	7	9.6	12	9.8
Henry	20	12.3	9	8.1	11	21.6
Houston	112	8.3	56	6.4	56	11.9
Jackson	35	6.3	31	6.0	4	10.5
Jefferson	1,000	11.3	375	8.3	625	14.4
Lamar	11	7.8	10	7.7	1	9.1
Lauderdale	89	9.4	60	7.4	29	21.5
Lawrence	25	7.6	21	7.6	4	7.7
Lee	146	8.7	94	7.9	52	10.5
Limestone	102	10.2	89	10.4	13	9.4
Lowndes	26	15.2	4	10.5	22	16.5
Macon	24	10.0	2	4.3	22	11.3
Madison	451	10.8	239	8.6	212	15.1
Marengo	33	14.5	9	9.4	24	18.3
Marion	30	9.9	29	10.0	1	8.3
Marshall	109	8.2	91	8.2	18	8.2
Mobile	693	12.2	287	9.0	406	16.1
Monroe	50	18.9	19	16.0	31	21.4
Montgomery	348	11.3	83	7.7	265	13.3
Morgan	134	8.9	93	7.3	41	18.2
Perry	11	8.8	0	0.0	11	10.1
Pickens	29	13.4	6	5.7	23	20.7
Pike	43	10.9	14	7.1	29	14.6
Randolph	32	14.0	21	12.1	11	20.4
Russell	96	12.1	33	7.0	63	19.6
St. Clair	97	8.5	85	8.2	12	11.5
Shelby	209	8.4	147	7.0	62	15.9
Sumter	12	9.3	1	3.7	11	10.8
Talladega	98	11.4	45	8.3	53	16.8
Tallapoosa	59	12.2	34	10.7	25	15.2
Tuscaloosa	292	11.8	112	7.8	180	17.5
Walker	91	10.7	82	10.4	9	15.3
Washington	14	8.1	6	5.4	8	13.3
Wilcox	17	13.2	1	4.8	16	14.8
Winston	25	9.7	25	9.7	0	0.0

<sup>1</sup>Denominator includes only births with known birth weight. Low birth weight refers to births weighing less than 2,500 grams.

**TABLE 16**  
**LOW WEIGHT BIRTHS AND PERCENT <sup>1</sup> OF LOW WEIGHT BIRTHS <sup>2</sup>**  
**BY RACE AND AGE OF MOTHER**  
**ALABAMA, 2010**

RACE AND AGE OF MOTHER	TOTAL BIRTHS	LOW WEIGHT BIRTHS	PERCENT	UNKNOWN/ NOT STATED
<b>TOTAL</b>	59,979	6,183	10.3	13
UNDER 15	110	16	14.5	0
15-17	2,219	269	12.1	1
18-19	5,117	582	11.4	2
20-24	17,720	1,879	10.6	3
25-29	17,657	1,713	9.7	4
30-34	11,574	1,122	9.7	2
35-39	4,581	471	10.3	1
40-44	955	125	13.1	0
45+	46	6	13.0	0
NOT STATED	0	0	--	0
<b>WHITE</b>	40,193	3,299	8.2	10
UNDER 15	37	6	16.2	0
15-17	1,169	113	9.7	1
18-19	2,990	258	8.6	2
20-24	11,004	909	8.3	2
25-29	12,452	977	7.8	4
30-34	8,554	674	7.9	1
35-39	3,295	279	8.5	0
40-44	658	77	11.7	0
45+	34	6	17.6	0
NOT STATED	0	0	--	0
<b>BLACK AND OTHER</b>	19,786	2,884	14.6	3
UNDER 15	73	10	13.7	0
15-17	1,050	156	14.9	0
18-19	2,127	324	15.2	0
20-24	6,716	970	14.4	1
25-29	5,205	736	14.1	0
30-34	3,020	448	14.8	1
35-39	1,286	192	14.9	1
40-44	297	48	16.2	0
45+	12	0	0.0	0
NOT STATED	0	0	--	0

<sup>1</sup>Percentages were not calculated in instances of fewer than 50 live births in a specified population.

<sup>2</sup>Denominator includes only births with known birth weight. Low birth weight refers to births weighing less than 2,500 grams.

**TABLE 17**  
**BIRTHS TO TEENAGERS AS A PERCENT OF ALL BIRTHS**  
**BY RACE OF MOTHER**  
**ALABAMA AND UNITED STATES, 1960-2010**

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. PERCENT	ALABAMA		ALABAMA	
	NUMBER	PERCENT		NUMBER	PERCENT	NUMBER	PERCENT
1960	15,608	19.3	13.9	8,938	17.6	6,670	22.2
1961	15,712	19.5	14.3	9,160	18.1	6,552	21.8
1962	15,782	20.1	14.6	9,240	18.7	6,542	22.3
1963	15,123	19.9	14.5	8,788	18.4	6,335	22.4
1964	15,481	20.2	14.7	8,772	18.1	6,709	23.9
1965	15,243	21.6	15.9	8,703	19.5	6,540	25.3
1966	15,556	23.4	17.5	9,066	21.1	6,490	27.6
1967	15,022	23.2	17.2	8,373	20.0	6,649	29.1
1968	14,815	23.3	17.2	8,070	19.2	6,745	31.4
1969	14,768	22.8	17.1	8,043	18.5	6,725	31.7
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	N/A	4,196	10.4	3,250	16.4

**TABLE 18**  
**BIRTHS TO TEENAGERS AS A PERCENT OF ALL BIRTHS**  
**BY COUNTY OF RESIDENCE AND RACE OF MOTHER**  
**ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	7,446	12.4	4,196	10.4	3,250	16.4
Autauga	77	11.8	59	11.8	18	11.8
Baldwin	241	11.2	186	10.0	55	18.6
Barbour	61	18.8	21	13.2	40	24.2
Bibb	33	13.8	23	12.4	10	18.9
Blount	97	13.8	96	14.0	1	5.3
Bullock	34	19.7	7	12.3	27	23.3
Butler	34	12.2	15	11.0	19	13.4
Calhoun	202	15.3	136	14.0	66	19.2
Chambers	70	17.9	37	16.8	33	19.2
Cherokee	38	18.4	36	18.7	2	14.3
Chilton	73	12.7	62	12.6	11	13.8
Choctaw	20	14.5	8	10.3	12	20.0
Clarke	40	15.7	18	15.8	22	15.7
Clay	20	14.7	11	10.2	9	32.1
Cleburne	30	16.5	30	17.5	0	0.0
Coffee	61	8.8	44	8.0	17	11.6
Colbert	106	17.0	83	16.3	23	20.2
Conecuh	33	19.1	15	17.9	18	20.2
Coosa	16	18.6	8	14.5	8	25.8
Covington	79	18.9	65	18.0	14	24.1
Crenshaw	29	15.3	20	15.0	9	15.8
Cullman	139	14.1	138	14.3	1	5.0
Dale	63	9.2	48	8.9	15	10.3
Dallas	115	18.8	16	12.8	99	20.4
DeKalb	149	15.6	138	15.1	11	25.0
Elmore	94	9.9	62	8.5	32	14.5
Escambia	97	19.2	52	17.0	45	22.7
Etowah	177	14.3	139	13.6	38	17.8
Fayette	34	17.4	28	17.2	6	18.8
Franklin	81	16.4	77	16.5	4	14.8
Geneva	43	13.8	37	13.3	6	18.2
Greene	13	10.4	1	6.3	12	11.0
Hale	27	13.8	6	8.2	21	17.2
Henry	20	12.3	13	11.7	7	13.7
Houston	190	14.1	85	9.7	105	22.2
Jackson	66	11.9	52	10.1	14	36.8
Jefferson	891	10.0	240	5.3	651	15.0
Lamar	25	17.7	23	17.7	2	18.2
Lauderdale	96	10.1	76	9.4	20	14.8
Lawrence	49	14.8	42	15.1	7	13.5
Lee	167	9.9	95	8.0	72	14.5
Limestone	100	10.0	92	10.7	8	5.8
Lowndes	26	15.2	0	0.0	26	19.5
Macon	43	17.8	7	14.9	36	18.6
Madison	359	8.6	200	7.2	159	11.3
Marengo	48	21.1	8	8.3	40	30.5
Marion	48	15.8	46	15.8	2	16.7
Marshall	181	13.6	156	14.1	25	11.4
Mobile	829	14.5	368	11.6	461	18.3
Monroe	48	18.2	13	10.9	35	24.1
Montgomery	431	14.0	85	7.8	346	17.3
Morgan	194	12.9	158	12.3	36	16.0
Perry	19	15.2	2	12.5	17	15.6
Pickens	28	12.9	15	14.2	13	11.7
Pike	57	14.4	24	12.2	33	16.6
Randolph	33	14.5	24	13.8	9	16.7
Russell	116	14.6	46	9.7	70	21.7
St. Clair	119	10.5	108	10.4	11	10.6
Shelby	140	5.6	121	5.7	19	4.9
Sumter	14	10.9	0	0.0	14	13.7
Talladega	124	14.5	67	12.4	57	18.1
Tallapoosa	69	14.3	39	12.3	30	18.3
Tuscaloosa	279	11.3	101	7.0	178	17.3
Walker	131	15.4	119	15.1	12	20.3
Washington	27	15.7	14	12.5	13	21.7
Wilcox	20	15.5	2	9.5	18	16.7
Winston	33	12.7	33	12.8	0	0.0

**TABLE 19  
RESIDENT BIRTHS TO TEENAGERS AND BIRTH RATES <sup>1</sup>  
BY RACE OF MOTHER AND COUNTY OF RESIDENCE  
ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	7,446	22.9	4,196	20.9	3,250	26.3
Autauga	77	18.4	59	18.7	18	17.4
Baldwin	241	20.9	186	20.1	55	24.4
Barbour	61	38.3	21	34.3	40	40.9
Bibb	33	23.5	23	21.5	10	29.7
Blount	97	25.1	96	27.8	1	2.4
Bullock	34	48.6	7	86.4	27	43.7
Butler	34	25.0	15	25.3	19	24.7
Calhoun	202	25.1	136	24.8	66	25.7
Chambers	70	31.3	37	33.0	33	29.7
Cherokee	38	24.2	36	25.0	2	15.0
Chilton	73	25.7	62	26.7	11	21.2
Choctaw	20	21.6	8	17.6	12	25.4
Clarke	40	20.3	18	20.5	22	20.2
Clay	20	21.7	11	15.3	9	45.0
Cleburne	30	29.6	30	31.5	0	0.0
Coffee	61	18.1	44	19.1	17	15.9
Colbert	106	29.8	83	31.0	23	26.0
Conecuh	33	37.1	15	43.2	18	33.1
Coosa	16	23.2	8	19.5	8	28.6
Covington	79	33.4	65	35.4	14	26.6
Crenshaw	29	32.0	20	33.7	9	28.8
Cullman	139	27.0	138	28.6	1	2.9
Dale	63	19.8	48	23.4	15	13.3
Dallas	115	34.7	16	23.5	99	37.6
DeKalb	149	30.2	138	35.4	11	10.7
Elmore	94	17.8	62	16.5	32	21.0
Escambia	97	39.7	52	39.2	45	40.3
Etowah	177	26.0	139	27.3	38	22.3
Fayette	34	31.5	28	31.1	6	33.9
Franklin	81	38.8	77	46.8	4	9.1
Geneva	43	26.3	37	27.4	6	20.9
Greene	13	20.5	1	18.5	12	20.7
Hale	27	22.2	6	15.6	21	25.2
Henry	20	17.7	13	19.6	7	15.1
Houston	190	28.4	85	20.3	105	42.0
Jackson	66	19.3	52	17.3	14	33.9
Jefferson	891	20.8	240	12.6	651	27.5
Lamar	25	28.1	23	32.4	2	11.2
Lauderdale	96	15.5	76	14.8	20	18.4
Lawrence	49	22.1	42	25.8	7	11.9
Lee	167	15.0	95	12.4	72	21.1
Limestone	100	18.6	92	22.0	8	6.6
Lowndes	26	32.2	0	0.0	26	39.1
Macon	43	23.3	7	40.2	36	21.5
Madison	359	15.5	200	14.2	159	17.7
Marengo	48	31.2	8	14.0	40	41.3
Marion	48	26.1	46	26.9	2	16.3
Marshall	181	29.6	156	29.7	25	28.7
Mobile	829	28.3	368	24.3	461	32.7
Monroe	48	28.1	13	16.3	35	38.5
Montgomery	431	27.1	85	18.7	346	30.5
Morgan	194	24.3	158	26.7	36	17.4
Perry	19	23.3	2	9.2	17	28.5
Pickens	28	21.4	15	24.7	13	18.5
Pike	57	21.0	24	16.8	33	25.7
Randolph	33	20.3	24	20.3	9	20.5
Russell	116	32.1	46	28.3	70	35.2
St. Clair	119	23.0	108	24.0	11	16.4
Shelby	140	10.6	121	11.4	19	7.4
Sumter	14	12.6	0	0.0	14	15.6
Talladega	124	22.0	67	20.7	57	23.8
Tallapoosa	69	25.9	39	24.2	30	28.6
Tuscaloosa	279	18.3	101	10.9	178	30.0
Walker	131	30.9	119	31.4	12	26.5
Washington	27	21.5	14	19.2	13	24.9
Wilcox	20	22.3	2	11.7	18	24.8
Winston	33	21.9	33	23.2	0	0.0

<sup>1</sup> Rate is per 1,000 females aged 10- 19 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 that apply to populations of less than 1,000 are shaded.

**TABLE 20**  
**NUMBER AND PERCENT OF TEENAGE BIRTHS**  
**TO UNMARRIED WOMEN BY RACE OF MOTHER <sup>1</sup>**  
**ALABAMA AND UNITED STATES, 1960-2010 <sup>2</sup>**

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S PERCENT	ALABAMA		ALABAMA	
	NUMBER	PERCENT		NUMBER	PERCENT	NUMBER	PERCENT
1960	3,726	24.1	15.4	410	4.6	3,316	50.3
1961	3,722	23.9	16.2	423	4.7	3,299	50.8
1962	3,871	24.7	16.4	470	5.1	3,401	52.5
1963	3,886	25.9	18.0	504	5.8	3,382	54.0
1964	4,197	27.4	19.7	505	5.8	3,692	55.5
1965	4,108	27.2	21.6	529	6.1	3,579	55.3
1966	4,105	26.6	22.6	584	6.5	3,521	54.8
1967	4,380	29.4	25.0	625	7.5	3,755	57.0
1968	4,504	30.7	27.6	621	7.8	3,883	58.1
1969	4,646	31.7	28.7	730	9.1	3,916	58.5
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	N/A	2,997	71.4	3,138	96.6

<sup>1</sup>Data for 1960-1989 are by race of the child.

<sup>2</sup>Data for the years 1960-1970 are by occurrence. Data for 1971 to the current year are by residence.

**TABLE 21  
NUMBER AND PERCENT OF TEENAGE BIRTHS TO UNMARRIED WOMEN  
BY COUNTY OF RESIDENCE AND RACE OF MOTHER  
ALABAMA, 2010**

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	6,135	82.4	2,997	71.4	3,138	96.6
Autauga	65	84.4	47	79.7	18	100.0
Baldwin	200	83.0	147	79.0	53	96.4
Barbour	50	82.0	12	57.1	38	95.0
Bibb	30	90.9	20	87.0	10	100.0
Blount	80	82.5	79	82.3	1	100.0
Bullock	27	79.4	0	0.0	27	100.0
Butler	30	88.2	11	73.3	19	100.0
Calhoun	162	80.2	98	72.1	64	97.0
Chambers	54	77.1	22	59.5	32	97.0
Cherokee	27	71.1	25	69.4	2	100.0
Chilton	53	72.6	43	69.4	10	90.9
Choctaw	15	75.0	4	50.0	11	91.7
Clarke	34	85.0	12	66.7	22	100.0
Clay	18	90.0	9	81.8	9	100.0
Cleburne	20	66.7	20	66.7	0	0.0
Coffee	50	82.0	33	75.0	17	100.0
Colbert	81	76.4	59	71.1	22	95.7
Conecuh	27	81.8	9	60.0	18	100.0
Coosa	15	93.8	7	87.5	8	100.0
Covington	66	83.5	53	81.5	13	92.9
Crenshaw	24	82.8	15	75.0	9	100.0
Cullman	93	66.9	92	66.7	1	100.0
Dale	46	73.0	31	64.6	15	100.0
Dallas	107	93.0	12	75.0	95	96.0
DeKalb	101	67.8	92	66.7	9	81.8
Elmore	82	87.2	52	83.9	30	93.8
Escambia	88	90.7	44	84.6	44	97.8
Etowah	130	73.4	93	66.9	37	97.4
Fayette	27	79.4	21	75.0	6	100.0
Franklin	47	58.0	44	57.1	3	75.0
Geneva	32	74.4	27	73.0	5	83.3
Greene	13	100.0	1	100.0	12	100.0
Hale	25	92.6	4	66.7	21	100.0
Henry	14	70.0	7	53.8	7	100.0
Houston	164	86.3	61	71.8	103	98.1
Jackson	51	77.3	37	71.2	14	100.0
Jefferson	799	89.7	170	70.8	629	96.6
Lamar	19	76.0	17	73.9	2	100.0
Lauderdale	75	78.1	56	73.7	19	95.0
Lawrence	35	71.4	28	66.7	7	100.0
Lee	138	82.6	68	71.6	70	97.2
Limestone	73	73.0	65	70.7	8	100.0
Lowndes	26	100.0	0	0.0	26	100.0
Macon	42	97.7	7	100.0	35	97.2
Madison	306	85.2	147	73.5	159	100.0
Marengo	45	93.8	7	87.5	38	95.0
Marion	28	58.3	27	58.7	1	50.0
Marshall	121	66.9	107	68.6	14	56.0
Mobile	732	88.3	283	76.9	449	97.4
Monroe	44	91.7	11	84.6	33	94.3
Montgomery	386	89.6	50	58.8	336	97.1
Morgan	155	79.9	120	75.9	35	97.2
Perry	18	94.7	1	50.0	17	100.0
Pickens	23	82.1	11	73.3	12	92.3
Pike	45	78.9	13	54.2	32	97.0
Randolph	28	84.8	20	83.3	8	88.9
Russell	102	87.9	32	69.6	70	100.0
St. Clair	92	77.3	81	75.0	11	100.0
Shelby	96	68.6	83	68.6	13	68.4
Sumter	14	100.0	0	0.0	14	100.0
Talladega	103	83.1	49	73.1	54	94.7
Tallapoosa	62	89.9	32	82.1	30	100.0
Tuscaloosa	250	89.6	79	78.2	171	96.1
Walker	72	55.0	63	52.9	9	75.0
Washington	20	74.1	7	50.0	13	100.0
Wilcox	20	100.0	2	100.0	18	100.0
Winston	18	54.5	18	54.5	0	0.0



**TABLE 22**  
**FERTILITY RATES AND AGE-SPECIFIED BIRTH RATES <sup>1</sup>**  
**ALABAMA, SELECTED YEARS 1940-2010**

YEAR	TOTAL FERTILITY RATE	GENERAL FERTILITY RATE	AGE-SPECIFIED BIRTH RATES							
			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1940	2511.5	89.2	1.3	77.3	143.2	116.9	85.9	54.4	20.8	2.5
1950	3334.5	115.2	1.8	110.6	206.1	159.1	103.7	62.1	21.2	2.3
1955	3482.5	121.4	1.6	103.7	218.2	176.7	112.9	60.8	20.9	1.7
1960	3624.5	120.1	1.7	109.6	249.7	179.0	107.7	57.9	18.0	1.3
1965	2931.5	100.4	1.8	96.3	190.8	149.4	84.4	48.0	14.5	1.1
1970	2587.0	92.5	1.8	91.1	181.5	134.4	66.7	32.4	8.8	0.7
1971	2463.5	90.0	2.0	90.4	174.3	124.3	63.8	29.1	8.2	0.6
1972	2205.0	81.4	2.1	88.5	147.0	113.9	55.4	25.8	7.6	0.7
1973	2051.0	76.7	2.4	86.8	133.7	106.5	51.8	22.8	5.8	0.4
1974	1985.5	74.9	2.3	83.7	131.1	105.1	48.6	19.8	5.9	0.4
1975	1884.5	71.6	2.3	79.0	124.4	101.2	45.3	19.2	5.2	0.3
1976	1852.5	70.3	2.4	75.9	122.5	101.2	46.2	17.6	4.4	0.3
1977	1948.5	73.8	2.5	77.4	130.2	107.2	49.1	18.1	4.9	0.3
1978	1853.5	70.0	2.5	72.5	123.8	101.1	49.6	16.7	4.3	0.2
1979	1864.5	70.4	2.3	72.1	124.1	103.6	49.9	16.6	4.2	0.1
1980	1884.0	70.6	2.2	68.0	125.1	107.9	52.6	16.9	3.8	0.3
1981	1795.0	66.3	1.7	62.5	119.5	105.1	50.7	16.1	3.1	0.3
1982	1762.0	64.4	1.7	60.0	117.3	103.8	50.1	16.2	3.1	0.2
1983	1727.5	62.4	1.7	60.2	113.0	102.0	48.8	16.7	2.9	0.2
1984	1729.0	61.8	1.7	58.2	114.8	100.6	50.6	17.2	2.6	0.2
1985	1746.0	61.8	1.9	58.5	115.7	101.9	51.4	17.0	2.6	0.2
1986	1748.0	62.7	1.6	59.5	106.0	103.3	58.0	18.0	3.0	0.2
1987	1748.0	62.1	2.0	57.9	104.6	103.7	60.2	18.2	2.9	0.1
1988	1779.5	62.6	1.6	58.5	107.4	103.0	62.6	19.8	2.9	0.1
1989	1827.0	63.7	1.8	61.7	109.9	104.6	63.4	20.5	3.4	0.1
1990	1987.0	67.2	2.1	71.2	126.8	111.5	60.7	21.6	3.4	0.1
1991	1973.0	66.2	2.2	75.3	122.9	109.6	60.5	20.9	3.1	0.1
1992	1988.5	66.3	2.4	71.3	124.9	110.9	63.7	20.9	3.5	0.1
1993	1987.9	65.9	2.6	70.2	124.0	109.1	65.6	22.3	3.6	0.2
1994	1983.2	65.3	2.4	73.4	120.2	107.7	66.5	22.8	3.5	0.2
1995	1982.5	65.0	2.3	73.1	118.3	106.6	68.9	23.3	3.9	0.1
1996	2008.5	65.6	2.2	73.4	116.5	110.8	69.4	25.1	4.2	0.1
1997	2040.5	66.5	1.9	71.4	118.6	115.4	70.6	26.1	4.0	0.1
1998	2096.0	68.2	1.7	71.3	125.0	118.5	71.0	26.9	4.7	0.1
1999	2115.0	68.7	1.6	67.8	129.0	118.1	73.6	28.0	4.7	0.2
2000	2023.5	65.1	1.3	60.7	129.3	112.3	70.4	26.2	4.4	0.1
2001	1926.0	62.2	1.2	54.8	122.4	105.2	70.6	26.1	4.7	0.2
2002	1876.5	60.7	1.1	52.1	117.2	102.3	72.7	25.1	4.6	0.2
2003	1910.5	62.3	1.1	52.2	113.9	107.7	74.7	27.4	4.9	0.2
2004	1895.0	62.1	1.1	52.2	113.7	106.4	71.9	28.4	5.1	0.2
2005	1928.0	63.3	1.0	49.6	119.1	107.0	74.0	29.4	5.3	0.2
2006	2023.0	66.7	1.1	53.3	124.1	114.0	75.5	30.9	5.4	0.3
2007	2054.0	68.1	0.9	53.8	126.0	114.4	78.0	31.9	5.6	0.2
2008	2022.0	68.3	0.7	52.0	123.4	113.8	77.5	31.0	5.4	0.2
2009	1943.5	65.0	1.0	48.7	112.7	114.9	76.4	29.2	5.6	0.2
2010	1869.0	62.4	0.7	43.6	105.6	112.2	76.4	29.1	6.0	0.2

<sup>1</sup>Total Fertility Rate is an estimate of the average number of children that 1,000 women would bear if the current age-specific birth rates remained constant. General Fertility Rate is per 1,000 females aged 15-44. Age-specific Birth Rate is per 1,000 females in specified age group. See formulas in Appendix B.

**TABLE 23**  
**FERTILITY RATES AND AGE-SPECIFIED BIRTH RATES<sup>1</sup>**  
**FOR WHITE FEMALES, ALABAMA SELECTED YEARS 1970-2010**

YEAR	TOTAL FERTILITY RATE	GENERAL FERTILITY RATE	AGE-SPECIFIED BIRTH RATES							
			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	2321.5	83.4	0.7	74.8	170.8	129.5	58.3	24.1	5.7	0.4
1971	2196.0	79.8	0.8	72.3	164.7	119.7	54.5	21.6	5.3	0.3
1972	1940.5	70.8	0.9	68.4	135.8	109.8	49.0	19.2	4.7	0.3
1973	1821.5	67.0	0.9	67.7	122.4	105.2	46.7	17.4	3.8	0.2
1974	1760.0	65.3	0.9	64.7	122.7	102.0	43.3	14.7	3.4	0.2
1975	1668.5	62.2	0.9	60.7	115.6	97.6	41.5	14.1	3.1	0.2
1976	1634.0	60.8	1.0	57.0	113.5	98.0	41.0	13.4	2.7	0.2
1977	1730.0	64.2	1.1	58.7	119.4	104.7	45.2	13.6	3.1	0.2
1978	1625.0	60.1	0.9	54.5	111.4	97.0	45.3	13.1	2.7	0.1
1979	1627.0	60.1	0.8	53.1	112.3	99.0	45.0	12.8	2.4	— <sup>2</sup>
1980	1691.5	61.9	0.8	52.4	116.5	105.5	47.5	13.1	2.3	0.2
1981	1622.0	58.6	0.6	48.3	111.2	102.2	47.0	12.8	2.1	0.2
1982	1592.0	56.9	0.6	46.2	108.7	101.1	46.3	13.5	1.9	0.1
1983	1575.5	55.8	0.6	46.0	105.4	101.2	45.6	14.2	2.0	0.1
1984	1568.0	55.0	0.6	44.5	105.2	98.4	47.7	15.2	1.9	0.1
1985	1598.5	55.6	0.7	45.8	106.7	100.6	49.6	14.2	2.0	0.1
1986	1616.0	56.4	0.6	45.1	100.7	104.6	54.2	15.5	2.4	0.1
1987	1625.5	56.1	0.6	44.3	97.6	106.8	57.7	15.7	2.3	0.1
1988	1639.5	56.1	0.5	44.7	98.2	105.3	59.8	17.2	2.2	— <sup>2</sup>
1989	1679.5	56.9	0.5	45.7	100.5	108.2	60.5	17.7	2.7	0.1
1990	1820.5	61.0	0.7	55.6	112.7	111.2	61.1	20.0	2.7	0.1
1991	1814.5	60.4	0.8	57.6	109.8	111.1	61.1	19.9	2.5	0.1
1992	1820.5	60.3	0.9	54.3	112.0	109.9	64.0	19.8	3.1	0.1
1993	1827.6	60.2	1.0	53.7	111.5	108.6	66.2	21.3	3.0	0.1
1994	1836.5	60.2	0.6	56.2	107.7	108.3	68.6	22.6	3.1	0.2
1995	1862.5	60.8	0.8	57.9	107.6	108.1	71.7	22.9	3.4	0.1
1996	1906.5	62.0	0.9	57.9	106.6	113.8	72.6	25.5	3.9	0.1
1997	1941.5	62.9	0.6	57.7	107.1	119.0	73.6	26.5	3.7	0.1
1998	2015.5	65.0	0.6	57.6	114.5	123.4	75.0	27.5	4.4	0.1
1999	2047.0	65.9	0.7	55.9	118.6	123.0	77.6	28.9	4.6	0.1
2000	2022.5	64.1	0.6	51.9	120.8	119.8	78.7	28.1	4.4	0.2
2001	1957.0	62.1	0.6	47.7	116.9	113.6	80.0	27.8	4.5	0.3
2002	1933.0	61.5	0.5	46.1	113.9	111.4	83.1	26.6	4.7	0.3
2003	1971.5	63.3	0.5	45.9	109.6	119.2	84.5	29.5	4.9	0.2
2004	1931.0	62.3	0.4	45.9	109.3	113.9	80.1	31.1	5.3	0.2
2005	1971.5	63.6	0.4	43.9	114.8	115.1	82.4	32.2	5.2	0.3
2006	2060.0	66.7	0.5	46.8	121.1	121.7	82.6	33.6	5.4	0.3
2007	2091.0	68.1	0.4	47.6	122.7	121.5	86.0	34.0	5.8	0.2
2008	2047.5	68.1	0.5	45.9	119.3	120.8	84.3	33.0	5.5	0.2
2009	2083.0	65.4	0.6	45.4	112.6	130.8	88.9	32.1	5.9	0.3
2010	1997.5	65.4	0.4	40.1	105.5	126.4	89.1	31.7	6.1	0.2

<sup>1</sup>Total Fertility Rate is an estimate of the average number of children that 1,000 women would bear if the current age-specific birth rates remained constant. General Fertility Rate is per 1,000 females aged 15-44. Age-specific Birth Rate is per 1,000 females in specified age group. See formulas in Appendix B.

<sup>2</sup> Less than 0.05 per 1,000 women.

**TABLE 24**  
**FERTILITY RATES AND AGE-SPECIFIED BIRTH RATES <sup>1</sup>**  
**FOR BLACK AND OTHER FEMALES, ALABAMA 1970-2010**

YEAR	TOTAL FERTILITY RATE	GENERAL FERTILITY RATE	AGE-SPECIFIED BIRTH RATES							
			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	3329.5	118.6	3.9	123.9	210.1	151.3	96.8	60.0	18.5	1.4
1971	3233.5	120.0	4.4	128.6	202.5	140.9	96.8	54.6	17.3	1.6
1972	2944.5	112.6	4.7	131.0	178.4	128.7	78.6	48.6	17.0	1.9
1973	2675.0	105.3	5.4	127.7	164.4	111.1	70.8	42.1	12.6	0.9
1974	2606.0	103.2	5.3	124.6	153.4	116.2	68.4	38.1	14.0	1.2
1975	2481.5	99.4	5.3	119.0	146.7	113.9	60.1	38.4	12.1	0.8
1976	2454.0	98.2	5.5	117.4	145.1	111.8	66.1	33.5	10.5	0.9
1977	2543.5	102.1	5.4	118.9	157.6	115.2	63.8	35.8	11.2	0.8
1978	2477.0	99.5	5.9	113.1	155.4	113.2	66.1	31.0	10.3	0.4
1979	2508.5	100.7	5.5	114.7	153.5	116.8	67.7	32.1	10.9	0.5
1980	2379.5	94.3	5.3	101.3	145.1	114.1	69.4	31.0	9.2	0.5
1981	2228.0	87.3	3.9	92.7	139.1	112.7	62.3	27.6	6.8	0.5
1982	2183.0	84.4	4.0	89.6	137.4	111.0	61.8	25.2	7.2	0.4
1983	2095.5	80.2	4.0	90.6	130.7	103.9	58.4	25.0	6.1	0.4
1984	2118.0	80.1	4.0	87.8	137.6	106.3	59.0	23.4	5.2	0.3
1985	2098.5	78.3	4.4	85.8	137.0	105.4	56.5	25.6	4.5	0.5
1986	2065.0	79.3	3.8	90.5	117.4	100.0	69.0	26.5	5.2	0.6
1987	2034.5	77.5	4.9	86.7	119.7	96.4	67.4	26.5	5.1	0.2
1988	2101.5	79.2	3.7	87.8	127.1	97.8	70.3	28.0	5.4	0.2
1989	2167.5	81.0	4.4	95.3	130.4	96.2	71.5	29.4	5.9	0.4
1990	2352.5	82.6	4.8	102.1	160.3	112.1	59.6	25.9	5.5	0.2
1991	2304.0	80.6	4.8	109.5	153.4	105.8	59.0	23.2	5.0	0.1
1992	2345.5	81.1	5.1	104.2	154.0	113.7	63.1	23.9	4.9	0.2
1993	2317.6	79.6	5.7	101.5	151.6	110.5	64.0	24.6	5.2	0.4
1994	2267.8	77.7	5.6	105.6	147.2	106.3	60.9	23.2	4.6	0.2
1995	2208.5	75.2	5.0	101.6	140.8	102.9	61.5	24.2	5.5	0.2
1996	2184.5	74.3	4.7	102.1	137.3	102.9	60.7	24.3	4.8	0.1
1997	2211.0	75.0	4.4	97.2	142.1	106.1	62.5	25.0	4.7	0.2
1998	2221.0	75.5	3.7	96.8	146.3	106.3	60.2	25.4	5.3	0.2
1999	2213.0	75.3	3.3	90.2	149.7	106.3	62.5	25.6	4.9	0.1
2000	1987.5	67.2	2.5	75.8	144.5	96.8	51.7	21.8	4.3	0.1
2001	1834.5	62.2	2.2	67.1	132.2	88.3	49.7	22.2	5.0	0.2
2002	1739.5	59.2	2.1	62.5	122.9	84.6	50.1	21.4	4.2	0.1
2003	1763.5	60.4	2.1	63.4	121.8	85.2	52.6	22.4	5.0	0.2
2004	1797.0	61.6	2.2	63.5	121.8	91.5	53.6	22.0	4.5	0.3
2005	1819.5	62.6	2.0	59.9	127.1	91.0	55.6	22.7	5.4	0.2
2006	1927.5	66.6	2.0	65.0	129.5	98.9	60.0	24.6	5.3	0.2
2007	1961.0	68.1	1.8	64.4	132.1	100.7	61.2	26.9	4.9	0.2
2008	1949.5	68.7	2.0	62.5	130.7	100.2	62.9	26.2	5.2	0.2
2009	1702.0	57.2	1.7	54.0	112.8	88.3	54.9	23.5	5.1	0.1
2010	1646.0	57.2	1.2	49.1	105.7	88.5	54.5	24.1	5.9	0.2

<sup>1</sup>Total Fertility Rate is an estimate of the average number of children that 1,000 women would bear if the current age-specific birth rates remained constant. General Fertility Rate is per 1,000 females aged 15-44. Age-specific Birth Rate is per 1,000 females in specified age group. See formulas in Appendix B.

**TABLE 25**  
**ESTIMATED PREGNANCIES, PREGNANCY RATES<sup>1</sup>, AND ESTIMATED PREGNANCY OUTCOMES**  
**BY COUNTY OF RESIDENCE AND RACE OF WOMAN**  
**ALABAMA, 2010**

COUNTY	TOTAL						WHITE						BLACK AND OTHER					
	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES		TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES		TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES	
<b>TOTAL</b>	81,909	85.3	59,979	9,029	12,901		52,230	85.0	40,193	3,637	8,400		29,679	85.8	19,786	5,392	4,501	
Autauga	887	79.0	654	93	140		663	78.1	502	55	106		224	81.6	152	38	34	
Baldwin	2,707	82.7	2,161	104	442		2,329	85.9	1,865	83	381		378	67.5	296	21	61	
Barbour	431	95.5	324	39	68		199	107.5	159	8	32		232	87.1	165	31	36	
Bibb	308	74.2	239	19	50		241	75.3	186	16	39		67	70.5	53	3	11	
Blount	894	83.2	705	44	145		868	88.2	686	41	141		26	29.0	19	3	4	
Bullock	234	127.4	173	23	38		70	308.4	57	1	12		164	101.9	116	22	26	
Butler	359	91.0	278	23	58		168	91.9	136	4	28		191	90.3	142	19	30	
Calhoun	1,846	77.4	1,317	241	288		1,312	78.5	974	130	208		534	74.9	343	111	80	
Chambers	495	78.9	392	22	81		275	83.8	220	10	45		220	73.6	172	12	36	
Cherokee	264	61.2	207	14	43		246	61.1	193	13	40		18	63.6	14	1	3	
Chilton	747	88.3	574	53	120		637	90.9	494	40	103		110	75.9	80	13	17	
Choctaw	186	78.0	138	19	29		96	76.9	78	3	15		90	79.3	60	16	14	
Clarke	340	68.7	254	32	54		146	62.7	114	8	24		194	74.0	140	24	30	
Clay	179	70.6	136	14	29		142	70.7	108	11	23		37	70.3	28	3	6	
Cleburne	228	82.5	182	9	37		215	82.4	171	9	35		13	84.4	11	0	2	
Coffee	889	91.2	697	48	144		693	98.4	551	29	113		196	72.6	146	19	31	
Colbert	818	82.0	622	66	130		654	83.8	508	41	105		164	75.7	114	25	25	
Conecuh	221	97.5	173	12	36		103	105.4	84	2	17		118	91.5	89	10	19	
Coosa	110	55.2	86	7	17		68	55.0	55	2	11		42	55.5	31	5	6	
Covington	532	80.6	419	26	87		461	85.0	361	25	75		71	60.2	58	1	12	
Crenshaw	245	96.8	190	16	39		169	96.8	133	9	27		76	96.7	57	7	12	
Cullman	1,266	85.8	988	73	205		1,237	89.1	968	68	201		29	33.1	20	5	4	
Dale	880	90.0	687	51	142		678	99.2	542	26	110		202	68.5	145	25	32	
Dallas	852	97.7	611	107	134		159	80.2	125	8	26		693	102.9	486	99	108	
DeKalb	1,187	87.4	956	37	194		1,127	102.0	912	30	185		60	23.7	44	7	9	
Elmore	1,268	76.1	952	114	202		942	77.5	731	59	152		326	72.3	221	55	50	
Escambia	630	95.0	504	22	104		380	96.1	306	11	63		250	93.3	198	11	41	
Etowah	1,630	82.8	1,237	132	261		1,306	86.4	1,024	70	212		324	71.1	213	62	49	
Fayette	255	85.9	195	20	40		215	84.8	163	18	34		40	92.2	32	2	6	
Franklin	613	103.5	494	18	101		580	120.7	467	18	95		33	29.5	27	0	6	
Geneva	391	81.5	311	16	64		346	85.1	278	11	57		45	61.6	33	5	7	
Greene	176	111.4	125	24	27		19	109.8	16	0	3		157	111.6	109	24	24	
Hale	274	93.1	195	37	42		94	94.2	73	6	15		180	92.6	122	31	27	

<sup>1</sup> Estimated pregnancy rates are per 1,000 females aged 15-44. Estimated pregnancies are the sum of abortions, live births and estimated total fetal losses. Estimated total fetal losses are equal to two-tenths of live births plus one-tenth of the abortions. Estimated total fetal losses should not be confused with fetal deaths. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates that apply to populations of less than 1,000 are shaded.

**TABLE 25**  
**ESTIMATED PREGNANCIES, PREGNANCY RATES<sup>1</sup>, AND ESTIMATED PREGNANCY OUTCOMES**  
**BY COUNTY OF RESIDENCE AND RACE OF WOMAN**  
**ALABAMA, 2010**

COUNTY	TOTAL						WHITE						BLACK AND OTHER					
	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES		TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES		TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES	
Henry	215	70.3	162	19	34		143	71.3	111	9	23		72	68.3	51	10	11	
Houston	1,733	86.7	1,348	105	280		1,108	86.2	876	52	180		625	87.7	472	53	100	
Jackson	713	74.8	554	44	115		661	77.4	516	38	107		52	52.2	38	6	8	
Jefferson	13,170	95.3	8,883	2,281	2,006		6,106	91.7	4,533	605	968		7,064	98.8	4,350	1,676	1,038	
Lamar	184	74.2	141	13	30		163	78.1	130	6	27		21	53.6	11	7	3	
Lauderdale	1,252	70.0	947	105	200		1,055	70.5	812	73	170		197	67.2	135	32	30	
Lawrence	443	68.6	330	44	69		362	74.0	278	26	58		81	51.8	52	18	11	
Lee	2,231	63.0	1,683	193	355		1,528	60.2	1,187	95	246		703	70.0	496	98	109	
Limestone	1,280	80.3	998	75	207		1,091	86.7	860	54	177		189	56.5	138	21	30	
Lowndes	240	111.6	171	31	38		48	114.3	38	2	8		192	110.9	133	29	30	
Macon	367	73.0	241	71	55		62	110.5	47	5	10		305	68.3	194	66	45	
Madison	5,988	87.2	4,191	871	926		3,784	90.6	2,786	400	598		2,204	82.0	1,405	471	328	
Marengo	323	79.9	227	46	50		132	81.7	96	15	21		191	78.7	131	31	29	
Marion	392	72.3	303	25	64		372	73.1	291	20	61		20	60.8	12	5	3	
Marshall	1,684	96.6	1,328	83	273		1,417	94.9	1,108	80	229		267	106.5	220	3	44	
Mobile	7,739	91.4	5,700	818	1,221		4,110	86.4	3,182	266	662		3,629	97.8	2,518	552	559	
Montroe	335	78.8	264	17	54		149	71.3	119	6	24		186	86.1	145	11	30	
Montgomery	4,614	92.1	3,080	834	700		1,445	92.5	1,084	131	230		3,169	91.9	1,996	703	470	
Morgan	1,953	86.3	1,505	133	315		1,631	94.7	1,280	86	265		322	59.4	225	47	50	
Perry	175	82.3	125	22	28		23	38.5	16	3	4		152	99.5	109	19	24	
Pickens	327	90.6	217	59	51		149	84.4	106	20	23		178	96.5	111	39	28	
Pike	554	68.8	396	71	87		265	61.2	197	26	42		289	77.6	199	45	45	
Randolph	293	70.4	228	17	48		221	73.5	174	11	36		72	62.3	54	6	12	
Russell	1,019	91.7	796	59	164		600	109.6	474	29	97		419	74.3	322	30	67	
St. Clair	1,458	90.7	1,138	83	237		1,309	92.8	1,034	62	213		149	75.8	104	21	24	
Shelby	3,325	82.1	2,500	295	530		2,752	85.8	2,111	199	442		573	68.0	389	96	88	
Sumter	199	66.7	129	40	30		39	57.3	27	6	6		160	69.5	102	34	24	
Talladega	1,163	73.1	857	123	183		711	74.1	542	55	114		452	71.6	315	68	69	
Tallapoosa	635	84.5	482	51	102		410	86.9	318	26	66		225	80.4	164	25	36	
Tuscaloosa	3,709	77.6	2,471	676	562		2,017	65.8	1,440	263	314		1,692	98.8	1,031	413	248	
Walker	1,128	93.2	848	101	179		1,037	94.5	789	82	166		91	80.1	59	19	13	
Washington	229	71.1	172	21	36		144	72.5	112	9	23		85	68.8	60	12	13	
Wilcox	171	79.4	129	15	27		27	64.9	21	2	4		144	82.9	108	13	23	
Winston	326	77.1	259	13	54		321	79.4	258	10	53		5	27.2	1	3	1	

<sup>1</sup>Estimated pregnancy rates are per 1,000 females aged 15-44. Estimated pregnancies are the sum of abortions, live births and estimated total fetal losses. Estimated total fetal losses are equal to two-tenths of live births plus one-tenth of the abortions. Estimated total fetal losses should not be confused with fetal deaths. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates that apply to populations of less than 1,000 are shaded.

**TABLE 26**  
**ESTIMATED PREGNANCY RATES<sup>1</sup> BY RACE AND AGE OF WOMAN**  
**ALABAMA, 2001-2010**

AGE GROUP	YEAR									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>ALL RACES</b>										
TOTAL	88.0	85.0	86.5	86.2	87.2	91.1	92.7	93.4	89.8	85.3
10-19	41.9	39.3	38.4	38.8	37.5	39.6	39.7	39.2	37.9	32.5
10-14	2.0	2.0	2.1	2.0	1.8	1.8	1.6	1.9	1.8	1.3
15-17	45.6	43.7	42.1	41.9	39.2	40.6	41.5	38.0	37.2	31.9
18-19	133.4	123.7	125.0	125.8	121.1	128.7	126.8	128.3	122.9	105.8
20-49	73.9	71.4	72.6	72.0	73.4	76.5	78.2	77.9	76.2	73.6
<b>WHITE</b>										
TOTAL	84.0	82.1	83.9	82.7	83.5	87.0	88.6	88.6	86.2	85.0
10-19	35.5	33.4	32.6	33.0	31.5	32.9	33.2	32.4	32.1	28.5
10-14	1.0	0.8	0.9	0.9	0.8	0.9	0.6	0.9	0.9	0.7
15-17	35.6	34.3	33.6	33.0	30.3	31.0	32.9	29.7	29.4	26.3
18-19	119.8	111.7	111.8	113.2	108.1	113.2	112.0	112.1	111.1	97.0
20-49	71.3	69.8	71.2	69.8	71.1	73.9	75.4	74.3	73.5	73.3
<b>BLACK AND OTHER</b>										
TOTAL	96.3	90.8	91.9	93.6	94.8	99.6	101.0	103.0	97.0	85.8
10-19	53.2	49.6	48.8	49.4	48.4	51.6	51.3	51.6	48.4	39.0
10-14	3.9	4.0	4.1	3.9	3.8	3.5	3.5	3.8	3.5	2.3
15-17	62.8	60.1	57.3	57.7	55.0	57.6	56.3	52.2	50.7	40.8
18-19	157.0	144.4	148.4	148.4	144.3	156.3	152.6	156.0	143.3	119.8
20-49	79.7	75.0	75.5	76.9	78.6	82.2	84.3	85.5	82.1	74.2

<sup>1</sup> Estimated pregnancy rates are per 1,000 females aged 15-44. See pregnancy rate formula in Appendix B.

**TABLE 27  
ESTIMATED PREGNANCIES AND PREGNANCY RATES WITH FEMALE POPULATION  
AND PREGNANCY OUTCOMES BY RACE AND AGE OF WOMAN  
ALABAMA 2010**

SELECTED PREGNANCY COMPONENTS AND RACE	AGE OF WOMAN							UNKNOWN
	TOTAL	10 to 14	15 to 17	18 to 19	10 to 19	20 to 49	UNKNOWN	
<b>ESTIMATED PREGNANCIES</b>								
WHITE	81,909	207	3,221	7,120	10,548	71,360	1	
BLACK AND OTHER	52,230	72	1,638	4,020	5,730	46,500	0	
	29,679	135	1,583	3,100	4,818	24,860	1	
<b>ESTIMATED PREGNANCY RATE</b>								
WHITE	85.3	1.3	31.9	105.8	32.5	73.6	--	
BLACK AND OTHER	85.0	0.7	26.3	97.0	28.5	73.3	--	
	85.8	2.3	40.8	119.8	39.0	74.2	--	
<b>FEMALE POPULATION</b>								
WHITE	960,620	156,238	100,992	67,328	324,558	969,566	--	
BLACK AND OTHER	614,805	97,384	62,183	41,455	201,022	634,451	--	
	345,815	58,854	38,809	25,873	123,536	335,115	--	
<b>LIVE BIRTHS</b>								
WHITE	59,979	110	2,219	5,117	7,446	52,533	0	
BLACK AND OTHER	40,193	37	1,169	2,990	4,196	35,997	0	
	19,786	73	1,050	2,127	3,250	16,536	0	
<b>ABORTIONS</b>								
WHITE	9,029	76	503	887	1,466	7,562	1	
BLACK AND OTHER	3,637	29	214	391	634	3,003	0	
	5,392	47	289	496	832	4,559	1	
<b>ESTIMATED TOTAL FETAL LOSSES</b>								
WHITE	12,901	21	499	1,116	1,636	11,265	0	
BLACK AND OTHER	8,400	6	255	639	900	7,500	0	
	4,501	15	244	477	736	3,765	0	

**TABLE 28  
ESTIMATED TEENAGE PREGNANCIES, TEENAGE PREGNANCY RATES<sup>1</sup> AND ESTIMATED PREGNANCY  
OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF WOMAN  
ALABAMA, 2010**

COUNTY	TOTAL					WHITE					BLACK AND OTHER				
	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES
<b>TOTAL</b>	10,548	32.5	7,446	1,466	1,636	5,730	28.5	4,196	634	900	4,818	39.0	3,250	832	736
Autauga	111	26.5	77	17	17	85	26.9	59	13	13	26	25.1	18	4	4
Baldwin	311	27.0	241	20	50	242	26.1	186	17	39	69	30.6	55	3	11
Barbour	83	52.2	61	9	13	26	42.5	21	1	4	57	58.2	40	8	9
Bibb	44	31.3	33	4	7	31	29.0	23	3	5	13	38.6	10	1	2
Blount	125	32.3	97	8	20	124	35.9	96	8	20	1	2.4	1	0	0
Bullock	45	64.4	34	3	8	9	111.1	7	0	2	36	58.3	27	3	6
Butler	46	33.8	34	4	8	21	35.5	15	2	4	25	32.5	19	2	4
Calhoun	294	36.5	202	47	45	185	33.7	136	20	29	109	42.5	66	27	16
Chambers	91	40.8	70	6	15	49	43.7	37	4	8	42	37.8	33	2	7
Cherokee	49	31.2	38	3	8	47	32.7	36	3	8	2	15.0	2	0	0
Chilton	100	35.2	73	11	16	87	37.4	62	11	14	13	25.0	11	0	2
Choctaw	24	25.9	20	0	4	9	19.8	8	0	1	15	31.8	12	0	3
Clarke	53	26.9	40	5	8	25	28.5	18	3	4	28	25.7	22	2	4
Clay	28	30.4	20	3	5	16	22.2	11	2	3	12	60.0	9	1	2
Cleburne	39	38.4	30	3	6	39	40.9	30	3	6	0	0.0	0	0	0
Coffee	81	24.0	61	7	13	56	24.3	44	3	9	25	23.4	17	4	4
Colbert	140	39.3	106	12	22	107	40.0	83	7	17	33	37.3	23	5	5
Conecuh	45	50.6	33	5	7	20	57.6	15	2	3	25	46.0	18	3	4
Coosa	18	26.1	16	0	2	9	22.0	8	0	1	9	32.1	8	0	1
Covington	106	44.9	79	10	17	89	48.4	65	10	14	17	32.3	14	0	3
Crenshaw	38	41.9	29	3	6	27	45.5	20	3	4	11	35.3	9	0	2
Cullman	184	35.7	139	15	30	183	38.0	138	15	30	1	2.9	1	0	0
Dale	79	24.8	63	3	13	59	28.7	48	2	9	20	17.7	15	1	4
Dallas	156	47.0	115	15	26	25	36.8	16	5	4	131	49.7	99	10	22
DeKalb	185	37.5	149	6	30	171	43.9	138	5	28	14	13.6	11	1	2
Elmore	146	27.7	94	30	22	93	24.8	62	17	14	53	34.8	32	13	8
Escambia	122	49.9	97	5	20	66	49.8	52	3	11	56	50.1	45	2	9
Etowah	241	35.4	177	26	38	183	35.9	139	15	29	58	34.0	38	11	9
Fayette	45	41.7	34	4	7	38	42.2	28	4	6	7	39.5	6	0	1
Franklin	102	48.9	81	4	17	97	58.9	77	4	16	5	11.3	4	0	1
Geneva	52	31.8	43	0	9	45	33.3	37	0	8	7	24.4	6	0	1
Greene	22	34.6	13	6	3	1	18.5	1	0	0	21	36.1	12	6	3
Hale	41	33.7	27	9	5	10	26.0	6	3	1	31	37.3	21	6	4

<sup>1</sup> Estimated pregnancy rates are per 1,000 females aged 10-19. Estimated pregnancies are the sum of abortions, live births and estimated total fetal losses. Estimated total fetal losses are equal to two-tenths of live births plus one-tenth of the abortions. Estimated total fetal losses should not be confused with fetal deaths. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates that apply to populations of less than 1,000 are shaded.



**TABLE 28  
ESTIMATED TEENAGE PREGNANCIES, TEENAGE PREGNANCY RATES<sup>1</sup> AND ESTIMATED PREGNANCY  
OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF WOMAN  
ALABAMA, 2010**

COUNTY	TOTAL					WHITE					BLACK AND OTHER				
	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES	TOTAL	RATE	BIRTHS	ABOR-TIONS	EST. TOTAL FETAL LOSSES
<b>TOTAL</b>	10,548	32.5	7,446	1,466	1,636	5,730	28.5	4,196	634	900	4,818	39.0	3,250	832	736
Henry	37	32.8	20	12	5	23	34.6	13	7	3	14	30.1	7	5	2
Houston	255	38.1	190	25	40	118	28.1	85	15	18	137	54.8	105	10	22
Jackson	90	26.3	66	10	14	71	23.6	52	8	11	19	46.0	14	2	3
Jefferson	1,411	33.0	891	310	210	371	19.4	240	75	56	1,040	44.0	651	235	154
Lamar	32	36.0	25	2	5	30	42.3	23	2	5	2	11.2	2	0	0
Lauderdale	127	20.4	96	11	20	99	19.3	76	7	16	28	25.7	20	4	4
Lawrence	67	30.3	49	8	10	55	33.8	42	4	9	12	20.4	7	4	1
Lee	239	21.5	167	36	36	132	17.2	95	17	20	107	31.3	72	19	16
Limestone	135	25.1	100	14	21	121	28.9	92	10	19	14	11.6	8	4	2
Lowndes	37	45.8	26	5	6	1	7.0	0	1	0	36	54.1	26	4	6
Macon	71	38.5	43	18	10	11	63.2	7	2	2	60	35.9	36	16	8
Madison	576	24.9	359	132	85	312	22.1	200	65	47	264	29.4	159	67	38
Marengo	62	40.3	48	4	10	13	22.8	8	3	2	49	50.6	40	1	8
Marion	65	35.3	48	6	11	61	35.7	46	5	10	4	30.5	2	1	1
Marshall	240	39.2	181	21	38	209	39.8	156	20	33	31	35.6	25	1	5
Mobile	1,122	38.3	829	116	177	486	32.1	368	41	77	636	45.1	461	75	100
Monroe	65	38.1	48	7	10	15	18.8	13	0	2	50	54.9	35	7	8
Montgomery	641	40.3	431	112	98	121	26.6	85	17	19	520	45.8	346	95	79
Morgan	258	32.3	194	23	41	205	34.6	158	14	33	53	25.6	36	9	8
Perry	29	35.6	19	5	5	4	18.3	2	1	1	25	41.9	17	4	4
Pickens	48	36.6	28	12	8	21	34.6	15	3	3	27	38.4	13	9	5
Pike	83	30.5	57	13	13	34	23.7	24	5	5	49	38.1	33	8	8
Randolph	43	26.5	33	3	7	32	27.0	24	3	5	11	25.1	9	0	2
Russell	147	40.7	116	8	23	61	37.5	46	6	9	86	43.3	70	2	14
St. Clair	162	31.4	119	17	26	146	32.5	108	15	23	16	23.8	11	2	3
Shelby	208	15.8	140	36	32	168	15.8	121	21	26	40	15.6	19	15	6
Sumter	23	20.7	14	6	3	1	4.7	0	1	0	22	24.5	14	5	3
Talladega	167	29.6	124	17	26	88	27.1	67	7	14	79	33.0	57	10	12
Tallapoosa	98	36.8	69	14	15	54	33.5	39	7	8	44	41.9	30	7	7
Tuscaloosa	473	31.1	279	125	69	165	17.8	101	40	24	308	51.8	178	85	45
Walker	184	43.4	131	25	28	166	43.8	119	21	26	18	39.8	12	4	2
Washington	39	31.1	27	6	6	18	24.7	14	1	3	21	40.2	13	5	3
Wilcox	26	29.0	20	2	4	2	11.7	2	0	0	24	33.1	18	2	4
Winston	42	27.9	33	2	7	42	29.5	33	2	7	0	0.0	0	0	0

<sup>1</sup> Estimated pregnancy rates are per 1,000 females aged 10-19. Estimated pregnancies are the sum of abortions, live births and estimated total fetal losses. Estimated total fetal losses are equal to two-tenths of live births plus one-tenth of the abortions. Estimated total fetal losses should not be confused with fetal deaths. See pregnancy rate formulas in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates that apply to populations of less than 1,000 are shaded.

**TABLE 29**  
**FETAL DEATHS AND FETAL DEATH RATIOS <sup>1</sup> BY RACE OF MOTHER <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1950-2010**

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. RATIO	ALABAMA		ALABAMA	
	NUMBER	RATIO		NUMBER	RATIO	NUMBER	RATIO
1950	2,153	26.1	19.2	943	19.0	1,210	36.7
1951	2,182	26.0	18.8	980	19.2	1,202	36.7
1952	2,118	25.6	18.3	918	18.0	1,200	37.7
1953	1,887	22.9	17.8	864	17.0	1,023	32.2
1954	1,863	22.6	17.5	819	16.1	1,044	33.0
1955	1,788	21.8	17.1	803	16.1	985	30.7
1956	1,777	21.1	16.5	760	14.8	1,017	31.2
1957	1,748	20.8	16.3	802	15.5	946	29.5
1958	1,740	21.2	16.5	758	14.7	982	31.9
1959	1,810	22.0	16.2	784	15.3	1,026	32.8
1960	1,793	22.1	16.1	780	15.3	1,013	33.6
1961	1,716	21.3	16.1	754	14.9	962	32.0
1962	1,596	20.3	15.9	694	14.1	902	30.8
1963	1,560	20.5	15.8	707	14.8	853	30.2
1964	1,581	20.7	16.4	718	14.8	863	30.7
1965	1,480	21.0	16.2	607	13.6	873	33.7
1966	1,357	20.4	15.7	597	13.9	760	32.3
1967	1,304	20.2	15.6	585	14.0	719	31.4
1968	1,286	20.2	15.8	584	13.9	702	32.7
1969	1,122	17.3	14.1	561	12.9	561	26.4
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	6.2	250	6.1	284	15.2
2004	549	9.3	6.2	260	6.5	289	15.2
2005	543	9.0	6.2	256	6.3	287	14.8
2006	571	9.1	— <sup>3</sup>	269	6.3	302	14.7
2007	585	9.1	— <sup>3</sup>	297	6.9	288	13.6
2008	587	9.1	— <sup>3</sup>	278	6.5	309	14.4
2009	548	8.8	— <sup>3</sup>	250	6.0	298	14.5
2010	562	9.4	— <sup>3</sup>	275	6.8	287	14.5

<sup>1</sup> Ratio is per 1,000 live births in specified group, beginning in 1980 NCHS used a slightly different formula.

<sup>2</sup> Before 1990 fetal deaths are by race of the fetus and live births are by race of the child. Since 1990 fetal deaths and live births are by the race of the mother. See formula in Appendix B.

<sup>3</sup> Not available.

**TABLE 30**  
**FETAL DEATHS AND FETAL DEATH RATIOS <sup>1</sup>**  
**BY RACE OF MOTHER AND COUNTY OF RESIDENCE**  
**ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATIO	NUMBER	RATIO	NUMBER	RATIO
<b>TOTAL</b>	562	9.4	275	6.8	287	14.5
Autauga	5	7.6	3	6.0	2	13.2
Baldwin	14	6.5	12	6.4	2	6.8
Barbour	3	9.3	1	6.3	2	12.1
Bibb	3	12.6	3	16.1	0	0.0
Blount	8	11.3	8	11.7	0	0.0
Bullock	0	0.0	0	0.0	0	0.0
Butler	7	25.2	3	22.1	4	28.2
Calhoun	20	15.2	13	13.3	7	20.4
Chambers	3	7.7	0	0.0	3	17.4
Cherokee	1	4.8	1	5.2	0	0.0
Chilton	4	7.0	3	6.1	1	12.5
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	5	19.7	1	8.8	4	28.6
Clay	5	36.8	2	18.5	3	107.1
Cleburne	2	11.0	2	11.7	0	0.0
Coffee	8	11.5	6	10.9	2	13.7
Colbert	5	8.0	3	5.9	2	17.5
Conecuh	2	11.6	0	0.0	2	22.5
Coosa	1	11.6	0	0.0	1	32.3
Covington	2	4.8	2	5.5	0	0.0
Crenshaw	2	10.5	1	7.5	1	17.5
Cullman	6	6.1	6	6.2	0	0.0
Dale	4	5.8	0	0.0	4	27.6
Dallas	13	21.3	1	8.0	12	24.7
DeKalb	4	4.2	3	3.3	1	22.7
Elmore	6	6.3	3	4.1	3	13.6
Escambia	3	6.0	2	6.5	1	5.1
Etowah	27	21.8	16	15.6	11	51.6
Fayette	2	10.3	2	12.3	0	0.0
Franklin	1	2.0	1	2.1	0	0.0
Geneva	2	6.4	2	7.2	0	0.0
Greene	3	24.0	0	0.0	3	27.5
Hale	3	15.4	1	13.7	2	16.4
Henry	4	24.7	3	27.0	1	19.6
Houston	16	11.9	8	9.1	8	16.9
Jackson	5	9.0	5	9.7	0	0.0
Jefferson	91	10.2	36	7.9	55	12.6
Lamar	1	7.1	0	0.0	1	90.9
Lauderdale	6	6.3	5	6.2	1	7.4
Lawrence	3	9.1	1	3.6	2	38.5
Lee	12	7.1	4	3.4	8	16.1
Limestone	11	11.0	11	12.8	0	0.0
Lowndes	1	5.8	1	26.3	0	0.0
Macon	6	24.9	1	21.3	5	25.8
Madison	43	10.3	15	5.4	28	19.9
Marengo	1	4.4	0	0.0	1	7.6
Marion	4	13.2	4	13.7	0	0.0
Marshall	11	8.3	11	9.9	0	0.0
Mobile	42	7.4	15	4.7	27	10.7
Monroe	1	3.8	1	8.4	0	0.0
Montgomery	31	10.1	8	7.4	23	11.5
Morgan	10	6.6	9	7.0	1	4.4
Perry	5	40.0	0	0.0	5	45.9
Pickens	2	9.2	1	9.4	1	9.0
Pike	2	5.1	1	5.1	1	5.0
Randolph	5	21.9	2	11.5	3	55.6
Russell	1	1.3	0	0.0	1	3.1
St. Clair	3	2.6	3	2.9	0	0.0
Shelby	16	6.4	9	4.3	7	18.0
Sumter	3	23.3	0	0.0	3	29.4
Talladega	15	17.5	5	9.2	10	31.7
Tallapoosa	4	8.3	0	0.0	4	24.4
Tuscaloosa	24	9.7	10	6.9	14	13.6
Walker	4	4.7	3	3.8	1	16.9
Washington	1	5.8	0	0.0	1	16.7
Wilcox	2	15.5	0	0.0	2	18.5
Winston	2	7.7	2	7.8	0	0.0

<sup>1</sup>Ratio is per 1,000 live births in specified group. See formula in Appendix B. Use caution with ratios derived from small numbers or based on small birth totals. Ratios that apply to populations with fewer than 50 births are shaded.

**TABLE 31**  
**RESIDENT DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**ALABAMA AND UNITED STATES, 1950-2010**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1950	26,753	8.7	9.6	15,515	7.4	9.5	11,238	11.4	11.2
1951	27,336	8.8	9.7	15,926	7.6	9.5	11,410	11.5	11.1
1952	27,210	8.8	9.6	15,927	7.5	9.4	11,283	11.5	11.0
1953	27,051	8.6	9.6	15,957	7.4	9.4	11,094	11.3	10.8
1954	26,157	8.3	9.2	15,710	7.3	9.1	10,447	10.6	10.1
1955	26,419	8.3	9.3	16,082	7.4	9.2	10,337	10.5	10.0
1956	27,200	8.5	9.4	16,816	7.6	9.3	10,384	10.6	10.1
1957	28,396	8.8	9.6	17,569	7.9	9.5	10,827	11.0	10.5
1958	29,513	9.1	9.5	18,105	8.0	9.4	11,408	11.6	10.3
1959	28,692	8.8	9.4	17,846	7.9	9.3	10,846	11.0	9.9
1960	30,304	9.3	9.5	18,988	8.3	9.5	11,316	11.5	10.1
1961	29,738	9.0	9.3	18,897	8.2	9.3	10,841	11.1	9.6
1962	30,813	9.3	9.5	19,667	8.4	9.4	11,146	11.5	9.8
1963	32,016	9.6	9.6	20,481	8.7	9.5	11,535	12.0	10.1
1964	31,739	9.5	9.4	20,701	8.7	9.4	11,038	11.6	9.7
1965	32,520	9.7	9.4	21,260	8.8	9.4	11,260	11.9	9.7
1966	33,008	9.8	9.5	21,795	8.9	9.5	11,213	12.0	9.7
1967	31,915	9.4	9.4	21,467	8.7	9.4	10,448	11.2	9.4
1968	33,532	9.8	9.7	22,588	9.1	9.6	10,944	11.9	9.9
1969	33,830	9.9	9.5	22,916	9.1	9.5	10,914	11.9	9.6
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	8.8	30,397	10.1	9.1	10,835	10.1	7.4
1994	41,631	10.2	8.8	30,794	10.2	9.1	10,837	10.0	7.3
1995	42,321	10.3	8.8	31,317	10.3	9.1	11,004	10.1	7.3
1996	42,806	10.4	8.7	31,918	10.5	9.1	10,888	10.0	7.1
1997	43,208	10.4	8.6	32,370	10.6	9.0	10,838	9.9	6.9
1998	43,905	10.6	8.6	32,987	10.8	9.0	10,918	9.9	6.8
1999	44,720	10.7	8.8	33,588	11.0	9.2	11,132	10.0	6.9
2000	44,967	10.1	8.7	33,998	10.7	9.2	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	8.6	11,225	8.7	6.2
2005	46,797	10.3	8.3	35,491	10.9	8.7	11,306	8.7	6.3
2006	46,259	10.1	8.1	35,049	10.7	8.6	11,210	8.5	6.1
2007	45,983	9.9	8.0	34,968	10.6	8.5	11,015	8.2	6.0
2008	47,601	10.2	8.1 <sup>2</sup>	36,290	11.0	8.6 <sup>2</sup>	11,311	8.4	N/A
2009	47,278	10.0	7.9 <sup>2</sup>	36,141	10.8	8.4 <sup>2</sup>	11,137	8.1	N/A
2010	47,897	10.0	N/A	36,724	11.2	N/A	11,173	7.4	N/A

<sup>1</sup>Rate is per 1,000 population for specified group. See formula in Appendix B.

<sup>2</sup>Provisional data

**TABLE 32**  
**RESIDENT DEATHS AND DEATH RATES <sup>1</sup>**  
**BY COUNTY AND RACE**  
**ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	47,897	10.0	36,724	11.2	11,173	7.4
Autauga	433	7.9	361	8.4	72	6.1
Baldwin	1,788	9.8	1,648	10.6	140	5.4
Barbour	281	10.2	165	12.5	116	8.1
Bibb	226	9.9	192	11.0	34	6.1
Blount	541	9.4	534	10.1	7	1.6
Bullock	134	12.3	38	15.2	96	11.4
Butler	272	13.0	174	15.3	98	10.3
Calhoun	1,386	11.7	1,136	12.8	250	8.4
Chambers	446	13.0	297	14.8	149	10.6
Cherokee	320	12.3	300	12.5	20	10.5
Chilton	458	10.5	424	11.5	34	4.9
Choctaw	158	11.4	90	11.6	68	11.1
Clarke	313	12.1	169	12.0	144	12.2
Clay	174	12.5	145	12.7	29	11.4
Cleburne	174	11.6	167	11.9	7	7.8
Coffee	515	10.3	417	11.2	98	7.8
Colbert	692	12.7	589	13.5	103	9.7
Conecuh	167	12.6	103	15.2	64	9.9
Coosa	145	12.6	103	13.5	42	10.8
Covington	475	12.6	414	12.9	61	10.6
Crenshaw	167	12.0	130	12.9	37	9.7
Cullman	911	11.3	902	11.8	9	2.1
Dale	451	9.0	359	9.6	92	7.1
Dallas	514	11.7	222	17.4	292	9.4
DeKalb	747	10.5	736	12.2	11	1.0
Elmore	717	9.0	608	10.1	109	5.8
Escambia	423	11.0	320	13.5	103	7.1
Etowah	1,375	13.2	1,207	14.4	168	8.2
Fayette	240	13.9	224	15.0	16	6.9
Franklin	398	12.6	380	14.4	18	3.3
Geneva	331	12.4	307	13.3	24	6.6
Greene	90	10.0	21	13.3	69	9.2
Hale	197	12.5	103	16.4	94	9.9
Henry	205	11.8	153	12.9	52	9.6
Houston	980	9.7	770	10.8	210	6.9
Jackson	628	11.8	597	12.3	31	6.4
Jefferson	6,773	10.3	4,244	12.2	2,529	8.2
Lamar	198	13.6	182	14.4	16	8.3
Lauderdale	1,081	11.7	999	12.5	82	6.5
Lawrence	383	11.2	331	12.4	52	6.8
Lee	842	6.0	597	6.0	245	6.1
Limestone	650	7.9	581	8.7	69	4.2
Lowndes	147	13.0	36	12.6	111	13.2
Macon	239	11.1	41	12.4	198	10.9
Madison	2,624	7.8	2,079	9.1	545	5.1
Marengo	250	11.9	131	13.4	119	10.6
Marion	427	13.9	415	14.4	12	6.0
Marshall	1,031	11.1	1,012	12.4	19	1.6
Mobile	4,052	9.8	2,749	11.1	1,303	7.9
Monroe	286	12.4	178	14.0	108	10.4
Montgomery	1,977	8.6	1,077	11.9	900	6.5
Morgan	1,257	10.5	1,134	11.9	123	5.1
Perry	149	14.1	54	16.9	95	12.9
Pickens	255	12.9	149	13.4	106	12.3
Pike	319	9.7	203	10.6	116	8.4
Randolph	298	13.0	249	14.2	49	9.1
Russell	538	10.2	337	11.8	201	8.2
St. Clair	767	9.2	722	9.8	45	4.6
Shelby	1,155	5.9	1,061	6.6	94	2.8
Sumter	147	10.7	43	12.9	104	10.0
Talladega	876	10.6	669	12.4	207	7.2
Tallapoosa	506	12.2	406	14.0	100	8.0
Tuscaloosa	1,588	8.2	1,135	8.8	453	6.9
Walker	911	13.6	873	14.3	38	6.5
Washington	211	12.0	152	13.2	59	9.7
Wilcox	143	12.3	42	13.4	101	11.8
Winston	345	14.1	338	14.4	7	6.5

<sup>1</sup> Rate is per 1,000 population. See formula in Appendix B. Use caution with rates derived from small numbers or based on small populations. Rates that apply to population of less than 1,000 are shaded.

**TABLE 33**  
**RESIDENT DEATHS AND DEATH RATES <sup>1</sup>**  
**BY COUNTY AND SEX**  
**ALABAMA, 2010**

COUNTY	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	<b>47,897</b>	<b>10.0</b>	<b>23,973</b>	<b>10.3</b>	<b>23,924</b>	<b>9.7</b>
Autauga	433	7.9	221	8.3	212	7.6
Baldwin	1,788	9.8	944	10.6	844	9.1
Barbour	281	10.2	140	9.6	141	10.9
Bibb	226	9.9	115	9.3	111	10.5
Blount	541	9.4	295	10.4	246	8.5
Bullock	134	12.3	72	12.2	62	12.4
Butler	272	13.0	136	13.8	136	12.2
Calhoun	1,386	11.7	672	11.8	714	11.6
Chambers	446	13.0	213	13.0	233	13.1
Cherokee	320	12.3	162	12.6	158	12.1
Chilton	458	10.5	243	11.2	215	9.8
Choctaw	158	11.4	91	13.6	67	9.3
Clarke	313	12.1	154	12.6	159	11.7
Clay	174	12.5	82	12.0	92	13.0
Cleburne	174	11.6	83	11.1	91	12.1
Coffee	515	10.3	242	9.8	273	10.8
Colbert	692	12.7	354	13.5	338	12.0
Conecuh	167	12.6	89	13.9	78	11.4
Coosa	145	12.6	81	14.1	64	11.0
Covington	475	12.6	230	12.6	245	12.6
Crenshaw	167	12.0	83	12.4	84	11.7
Cullman	911	11.3	453	11.4	458	11.3
Dale	451	9.0	211	8.5	240	9.4
Dallas	514	11.7	245	12.1	269	11.4
DeKalb	747	10.5	367	10.5	380	10.6
Elmore	717	9.0	373	9.6	344	8.5
Escambia	423	11.0	226	11.4	197	10.6
Etowah	1,375	13.2	654	12.9	721	13.4
Fayette	240	13.9	116	13.6	124	14.2
Franklin	398	12.6	200	12.6	198	12.5
Geneva	331	12.4	169	12.9	162	11.8
Greene	90	10.0	49	11.5	41	8.6
Hale	197	12.5	107	14.3	90	10.9
Henry	205	11.8	112	13.5	93	10.3
Houston	980	9.7	507	10.4	473	9.0
Jackson	628	11.8	336	12.9	292	10.8
Jefferson	6,773	10.3	3,261	10.5	3,512	10.1
Lamar	198	13.6	94	13.2	104	13.9
Lauderdale	1,081	11.7	521	11.7	560	11.6
Lawrence	383	11.2	216	12.9	167	9.5
Lee	842	6.0	390	5.6	452	6.4
Limestone	650	7.9	344	8.2	306	7.5
Lowndes	147	13.0	77	14.6	70	11.6
Macon	239	11.1	130	13.2	109	9.4
Madison	2,624	7.8	1,343	8.2	1,281	7.5
Marengo	250	11.9	121	12.2	129	11.6
Marion	427	13.9	210	13.7	217	14.0
Marshall	1,031	11.1	521	11.4	510	10.8
Mobile	4,052	9.8	2,053	10.3	1,999	9.3
Monroe	286	12.4	140	12.6	146	12.2
Montgomery	1,977	8.6	945	8.7	1,032	8.6
Morgan	1,257	10.5	630	10.7	627	10.3
Perry	149	14.1	84	16.9	65	11.6
Pickens	255	12.9	116	12.3	139	13.5
Pike	319	9.7	159	10.1	160	9.3
Randolph	298	13.0	141	12.7	157	13.3
Russell	538	10.2	271	10.7	267	9.7
St. Clair	767	9.2	416	9.9	351	8.4
Shelby	1,155	5.9	597	6.2	558	5.6
Sumter	147	10.7	81	12.9	66	8.8
Talladega	876	10.6	441	11.0	435	10.3
Tallapoosa	506	12.2	252	12.5	254	11.9
Tuscaloosa	1,588	8.2	787	8.3	801	8.0
Walker	911	13.6	438	13.4	473	13.8
Washington	211	12.0	115	13.3	96	10.8
Wilcox	143	12.3	71	12.9	72	11.7
Winston	345	14.1	181	15.1	164	13.2

<sup>1</sup>Rate is per 1,000 population. See formula in Appendix B.

**TABLE 34**  
**RESIDENT DEATHS AND DEATH RATES <sup>1</sup>**  
**BY MONTH OF OCCURRENCE**  
**ALABAMA, 2010**

MONTH	TOTAL		WHITE		BLACK AND OTHER	
	DEATH	RATE	DEATH	RATE	DEATH	RATE
<b>TOTAL</b>	47,897	10.0	36,724	11.2	11,173	7.4
JANUARY	4,471	11.0	3,392	12.2	1,079	8.4
FEBRUARY	4,066	11.1	3,122	12.4	944	8.2
MARCH	4,254	10.5	3,258	11.7	996	7.8
APRIL	3,837	9.8	2,923	10.9	914	7.4
MAY	3,889	9.6	2,997	10.8	892	7.0
JUNE	3,793	9.7	2,937	10.9	856	6.9
JULY	3,806	9.4	2,871	10.3	935	7.3
AUGUST	3,851	9.5	2,938	10.6	913	7.1
SEPTEMBER	3,730	9.5	2,892	10.7	838	6.8
OCTOBER	3,963	9.8	3,031	10.9	932	7.3
NOVEMBER	3,810	9.7	2,979	11.1	831	6.7
DECEMBER	4,427	10.9	3,384	12.2	1,043	8.2

<sup>1</sup>Rate is per 1,000 population. See formula in Appendix B.

TABLE 35  
RESIDENT DEATHS AND DEATH RATES<sup>1</sup>  
BY RACE, SEX AND SELECTED CAUSES<sup>2</sup>  
ALABAMA, 2010

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER				
	TOTAL	RATE		MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
	47,897	10.0	18,371	11.4	18,353	11.0	5,602	7.8	5,571	7.1	
Salmonella infections	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.1
Shigellosis and amebiasis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Certain other intestinal infections	138	2.9	49	3.1	67	4.0	10	1.4	12	1.5	1.5
Tuberculosis	14	0.3	6	0.4	3	0.2	5	0.7	0	0.0	0.0
Respiratory tuberculosis	10	0.2	4	0.2	2	0.1	4	0.6	0	0.0	0.0
Other tuberculosis	4	0.1	2	0.1	1	0.1	1	0.1	0	0.0	0.0
Whooping cough	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Scarlet fever and erysipelas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Meningococcal infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Septicemia	872	18.2	276	17.2	346	20.7	112	15.7	138	17.5	17.5
Syphilis	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Acute poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Arthropod-borne viral encephalitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Measles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Viral hepatitis	104	2.2	53	3.3	30	1.8	8	1.1	13	1.6	1.6
Human immunodeficiency virus	150	3.1	31	1.9	8	0.5	74	10.4	37	4.7	4.7
Malaria	1	0.0	0	0.0	1	0.1	0	0.0	0	0.0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae	78	1.6	28	1.7	33	2.0	8	1.1	9	1.1	1.1
Malignant neoplasms	10,156	212.5	4,321	269.1	3,521	210.8	1,233	172.5	1,081	136.9	136.9
Lip, oral cavity and pharynx	163	3.4	90	5.6	41	2.5	18	2.5	14	1.8	1.8
Esophagus	233	4.9	153	9.5	37	2.2	26	3.6	17	2.2	2.2
Stomach	186	3.9	66	4.1	50	3.0	40	5.6	30	3.8	3.8
Colon, rectum and anus	901	18.9	349	21.7	284	17.0	153	21.4	115	14.6	14.6
Liver and intrahepatic bile ducts	323	6.8	170	10.6	87	5.2	44	6.2	22	2.8	2.8
Pancreas	576	12.1	221	13.8	222	13.3	60	8.4	73	9.2	9.2
Larynx	66	1.4	38	2.4	7	0.4	16	2.2	5	0.6	0.6
Trachea, bronchus and lung	3,220	67.4	1,575	98.1	1,038	62.2	408	57.1	199	25.2	25.2
Skin	144	3.0	92	5.7	46	2.8	3	0.4	3	0.4	0.4
Breast	695	14.5	4	0.2	473	28.3	0	0.0	218	27.6	27.6
Cervix uteri	76	1.6	0	0.0	49	2.9	0	0.0	0	0.0	0.0
Corpus uteri and uterus, part unspecified	105	2.2	0	0.0	59	3.5	0	0.0	46	5.8	5.8
Ovary	273	5.7	0	0.0	216	12.9	0	0.0	57	7.2	7.2
Prostate	542	11.3	361	22.5	0	0.0	181	25.3	0	0.0	0.0
Kidney and renal pelvis	202	4.2	106	6.6	56	3.4	27	3.8	13	1.6	1.6
Bladder	184	3.8	116	7.2	43	2.6	19	2.7	6	0.8	0.8
Meninges, brain and other parts of central nervous system	274	5.7	133	8.3	115	6.9	14	2.0	12	1.5	1.5
Lymphoid, hematopoietic and related tissue	903	18.9	391	24.4	317	19.0	92	12.9	103	13.0	13.0
Hodgkin's disease	22	0.5	11	0.7	8	0.5	0	0.0	3	0.4	0.4
Non-Hodgkin's lymphoma	307	6.4	136	8.5	117	7.0	25	3.5	29	3.7	3.7
Leukemia	359	7.5	169	10.5	129	7.7	37	5.2	24	3.0	3.0
Multiple myeloma and immunoproliferative neoplasms	213	4.5	74	4.6	63	3.8	29	4.1	47	6.0	6.0
Other and unspecified lymphoid, hematopoietic and related tissue	2	0.0	1	0.1	0	0.0	0	0.0	1	0.1	0.1
All Other and unspecified malignant neoplasms	1,090	22.8	456	28.4	381	22.8	132	18.5	121	15.3	15.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	233	4.9	99	6.2	83	5.0	23	3.2	28	3.5	3.5
Anemias	101	2.1	20	1.2	38	2.3	14	2.0	29	3.7	3.7
Diabetes mellitus	1,314	27.5	406	25.3	412	24.7	218	30.5	278	35.2	35.2
Nutritional deficiencies	59	1.2	12	0.7	26	1.6	6	0.8	15	1.9	1.9

<sup>1</sup>Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. Use caution with rates based on small numbers.  
<sup>2</sup> See Appendix C.



TABLE 35

RESIDENT DEATHS AND DEATH RATES<sup>1</sup>  
BY RACE, SEX AND SELECTED CAUSES<sup>2</sup>  
ALABAMA, 2010

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER			
	TOTAL	MALE	FEMALE	RATE	MALE	FEMALE	RATE	MALE	FEMALE	RATE
ALL CAUSES	47,897	18,371	18,353	11.4	11.0	11.0	7.8	5,602	5,571	7.1
Malnutrition	57	10	26	0.6	1.6	1.9	0.8	6	15	1.9
Other nutritional deficiencies	2	0	0	0.0	0	0	0.0	0	0	0.0
Meningitis	12	3	6	0.2	0.4	0.1	0.3	2	1	0.1
Parkinson's disease	341	171	140	10.7	8.4	8.4	2.0	14	16	2.0
Alzheimer's disease	1,518	384	918	23.9	55.0	58	8.1	58	158	20.0
Major cardiovascular diseases	15,681	5,813	6,064	362.1	363.1	363.1	256.0	1,830	1,974	250.0
Diseases of the heart	12,035	4,740	4,532	295.2	271.4	271.4	192.8	1,378	1,385	175.4
Acute rheumatic fever and chronic rheumatic heart diseases	36	12	17	0.7	1.0	1.0	0.4	3	4	0.5
Hypertensive heart disease	409	113	164	7.0	9.8	9.8	10.2	73	59	7.5
Hypertensive heart and renal disease	39	6	12	0.4	0.7	0.7	1.0	7	14	1.8
Ischemic heart diseases	5,525	2,466	1,947	115.6	116.6	116.6	80.6	576	536	67.9
Acute myocardial infarction	2,549	1,150	879	71.6	52.6	52.6	36.2	259	261	33.1
Other acute ischemic heart diseases	38	18	9	1.1	0.5	0.5	0.6	4	7	0.9
Other forms of chronic ischemic heart disease	2,938	1,298	1,059	80.8	63.4	63.4	43.8	313	268	33.9
Atherosclerotic cardiovascular disease, so described	652	257	240	16.0	14.4	14.4	12.3	88	67	8.5
All other forms of chronic ischemic heart disease	2,286	1,041	819	64.8	49.0	49.0	31.5	225	201	25.5
Other heart diseases	6,026	2,143	2,392	133.5	143.2	143.2	100.6	719	772	97.8
Acute and subacute endocarditis	10	4	1	0.2	0.1	0.1	0.6	4	1	0.1
Diseases of pericardium and acute myocarditis	13	2	7	0.1	0.4	0.4	0.3	2	2	0.3
Heart failure	1,901	655	846	40.8	50.7	50.7	24.5	175	225	28.5
All other forms of heart disease	4,102	1,482	1,538	92.3	92.1	92.1	75.3	538	544	68.9
Essential (primary) hypertension and hypertensive renal disease	566	124	208	7.7	12.5	12.5	14.0	100	124	15.7
Cerebrovascular diseases	2,601	758	1,149	47.2	68.8	68.8	42.1	301	393	49.8
Atherosclerosis	168	51	64	3.2	3.8	3.8	2.8	20	33	4.2
Other diseases of circulatory system	321	140	111	6.7	6.6	6.6	3.1	31	39	4.9
Aortic aneurysm and dissection	170	87	59	5.4	3.5	3.5	1.4	10	14	1.8
Other diseases of arteries, arterioles and capillaries	151	53	52	3.3	3.1	3.1	2.9	21	25	3.2
Other disorders of circulatory system	69	21	32	1.3	1.9	1.9	0.4	3	13	1.6
Influenza and pneumonia	937	398	388	24.8	23.2	23.2	10.4	74	77	9.8
Influenza	15	7	5	0.4	0.3	0.3	0.1	1	2	0.3
Pneumonia	922	391	383	24.4	22.9	22.9	10.2	73	75	9.5
Other acute lower respiratory infections	7	3	2	0.2	0.1	0.1	0.1	1	1	0.1
Acute bronchitis and bronchiolitis	6	2	2	0.1	0.1	0.1	0.1	1	1	0.1
Unspecified acute lower respiratory infection	1	0	0	0.0	0.0	0.0	0.0	0	0	0.0
Chronic lower respiratory diseases	2,845	1,261	1,286	78.5	77.0	77.0	21.0	150	148	18.7
Bronchitis, chronic and unspecified	7	3	2	0.2	0.1	0.1	0.0	0	0	0.3
Emphysema	186	102	66	6.4	4.0	4.0	1.7	12	6	0.8
Asthma	59	12	28	1.7	1.7	1.7	1.3	9	15	1.9
Other chronic lower respiratory diseases	2,593	1,149	1,190	71.6	71.3	71.3	18.0	129	125	15.8
Pneumoconiosis and chemical effects	18	16	0	1.0	0.0	0.0	0.3	2	0	0.0
Pneumonitis due to solids and liquids	287	109	121	6.8	7.2	7.2	3.0	36	50	2.7
Other diseases of the respiratory system	744	308	298	19.2	17.8	17.8	9.2	66	72	9.1
Peptic ulcer	44	20	12	1.2	0.6	0.6	1.3	9	5	0.6
Diseases of the appendix	10	5	3	0.3	0.2	0.2	0.3	2	0	0.0
Hernia	27	13	8	0.8	0.5	0.5	0.3	2	4	0.5
Chronic liver disease and cirrhosis	504	278	130	17.3	7.8	7.8	9.5	68	28	3.5
Alcoholic liver disease	174	104	32	6.5	1.9	1.9	4.2	30	8	1.0
Other chronic liver disease and cirrhosis	330	174	98	10.8	5.9	5.9	5.3	38	20	2.5

<sup>1</sup>Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. Use caution with rates based on small numbers.<sup>2</sup> See Appendix C.

TABLE 35  
RESIDENT DEATHS AND DEATH RATES<sup>1</sup>  
BY RACE, SEX AND SELECTED CAUSES<sup>2</sup>  
ALABAMA, 2010

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER				
	TOTAL	RATE		MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
	47,897	10.0		18,371	11.4	18,353	11.0	5,602	7.8	5,571	7.1
Cholelithiasis and other gallbladder disorders	52	1.1		19	1.2	20	1.2	6	0.8	7	0.9
Nephritis, nephrotic syndrome and nephrosis	1,186	24.8		374	23.3	380	22.8	193	27.0	239	30.3
Acute and rapidly progressive nephritic and nephrotic syndrome	4	0.1		1	0.1	1	0.1	1	0.1	1	0.1
Chronic glomerulonephritis and nephritis not specified as acute and renal sclerosis	83	1.7		30	1.9	20	1.2	19	2.7	14	1.8
Renal failure	1,098	23.0		342	21.3	359	21.5	173	24.2	224	28.4
Other disorders of kidney	1	0.0		1	0.1	0	0.0	0	0.0	0	0.0
Infections of kidney	21	0.4		2	0.1	13	0.8	2	0.3	4	0.5
Hyperplasia of prostate	5	0.1		4	0.2	0	0.0	1	0.1	0	0.0
Inflammatory diseases of female pelvic organs	5	0.1		0	0.0	4	0.2	0	0.0	1	0.1
Pregnancy, childbirth and the puerperium	6	0.1		0	0.0	1	0.1	0	0.0	5	0.6
Pregnancy with abortive outcome	1	0.0		0	0.0	0	0.0	0	0.0	1	0.1
Other complications of pregnancy, childbirth and the puerperium	5	0.1		0	0.0	1	0.1	0	0.0	4	0.5
Certain conditions originating in the perinatal period	248	5.2		65	4.0	48	2.9	75	10.5	60	7.6
Congenital malformations, deformations and chromosomal abnormalities	156	3.3		56	3.5	52	3.1	20	2.8	28	3.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,429	29.9		431	26.8	622	37.2	178	24.9	198	25.1
All other diseases (Residual)	4,997	104.5		1,523	94.9	2,316	138.7	495	69.3	663	84.0
Accidents	2,369	49.6		1,175	73.2	716	42.9	324	45.3	154	19.5
Transport accidents	966	20.2		500	31.1	224	13.4	169	23.6	73	9.2
Motor vehicle accidents	923	19.3		477	29.7	216	12.9	159	22.2	71	9.0
Other land transport	25	0.5		10	0.6	4	0.2	9	1.3	2	0.3
Water, air, space and other and unspecified transport accidents and their sequelae	18	0.4		13	0.8	4	0.2	1	0.1	0	0.0
Nontransport accidents	1,403	29.4		675	42.0	492	29.5	155	21.7	81	10.3
Falls	207	4.3		102	6.4	81	4.9	19	2.7	5	0.6
Accidental discharge of firearms	34	0.7		21	1.3	5	0.3	6	0.8	2	0.3
Accidental drowning and submersion	99	2.1		55	3.4	16	1.0	23	3.2	5	0.6
Accidental exposure to smoke, fire and flames	115	2.4		37	2.3	35	2.1	23	3.2	20	2.5
Accidental poisoning and exposure to noxious substances	493	10.3		262	16.3	190	11.4	26	3.6	15	1.9
Other and unspecified nontransport accidents and their sequelae	455	9.5		198	12.3	165	9.9	58	8.1	34	4.3
Intentional self-harm (suicide)	676	14.1		483	30.1	134	8.0	52	7.3	7	0.9
Suicide by discharge of firearms	452	9.5		336	20.9	74	4.4	39	5.5	3	0.4
Suicide by other and unspecified means and their sequelae	224	4.7		147	9.2	60	3.6	13	1.8	4	0.5
Assault (homicide)	391	8.2		96	6.0	42	2.5	218	30.5	35	4.4
Homicide by discharge of firearms	284	5.9		73	4.5	21	1.3	170	23.8	20	2.5
Homicide by other and unspecified means and their sequelae	107	2.2		23	1.4	21	1.3	48	6.7	15	1.9
Legal intervention	3	0.1		3	0.2	0	0.0	0	0.0	0	0.0
Events of undetermined intent	54	1.1		26	1.6	17	1.0	6	0.8	5	0.6
Discharge of firearms, undetermined intent	9	0.2		4	0.2	1	0.1	4	0.6	0	0.0
Other and unspecified events of undetermined intent and their sequelae	45	0.9		22	1.4	16	1.0	2	0.3	5	0.6
Operations of war and their sequelae	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0
Complications of medical and surgical care	33	0.7		10	0.6	14	0.8	3	0.4	6	0.8

<sup>1</sup>Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. Use caution with rates based on small numbers.  
<sup>2</sup> See Appendix C.

**TABLE 36**  
**LEADING CAUSES OF DEATH**  
**CRUDE DEATH RATES <sup>1</sup> BY RACE AND SEX**  
**ALABAMA, 2010**

CAUSE OF DEATH				CAUSE OF DEATH			
		NUMBER	CRUDE RATE			NUMBER	CRUDE RATE
<b>RANK</b>	<b>TOTAL ALL RACE AND SEX</b>	47,897	10.0	<b>RANK</b>	<b>WHITE FEMALE – (CONT.)</b>		
1	Diseases of the Heart	12,035	251.8	9	Nephritis, Nephrotic Syn. & Nephrosis	380	22.8
2	Malignant Neoplasms	10,156	212.5	10	Septicemia	346	20.7
3	Chronic Lower Respiratory Disease	2,845	59.5	11	Essential (Primary) Hypertension	208	12.5
4	Cerebrovascular Diseases	2,601	54.4	12	Parkinson's Disease	140	8.4
5	Accidents	2,369	49.6	13	Suicide	134	8.0
6	Alzheimer's Disease	1,518	31.8	14	Chronic Liver Disease and Cirrhosis	130	7.8
7	Diabetes Mellitus	1,314	27.5	15	Pneumonitis Due to Solids and Liquids	121	7.2
8	Nephritis, Nephrotic Syn. & Nephrosis	1,186	24.8		All Other Causes	3,972	—
9	Influenza and Pneumonia	937	19.6	<b>RANK</b>	<b>TOTAL BLACK AND OTHER</b>	11,173	7.4
10	Septicemia	872	18.2	1	Diseases of the Heart	2,763	183.7
11	Suicide	676	14.1	2	Malignant Neoplasms	2,314	153.8
12	Essential (Primary) Hypertension	556	11.6	3	Cerebrovascular Diseases	694	46.1
13	Chronic Liver Disease and Cirrhosis	504	10.5	4	Diabetes Mellitus	496	33.0
14	Homicide	391	8.2	5	Accidents	478	31.8
15	Parkinson's Disease	341	7.1	5	Nephritis, Nephrotic Syn. & Nephrosis	432	28.7
	All Other Causes	9,596	—	7	Chronic Lower Respiratory Disease	298	19.8
<b>RANK</b>	<b>TOTAL WHITE</b>	36,724	11.2	8	Homicide	253	16.8
1	Diseases of the Heart	9,272	283.1	9	Septicemia	250	16.6
2	Malignant Neoplasms	7,842	239.4	10	Essential (Primary) Hypertension	224	14.9
3	Chronic Lower Respiratory Disease	2,547	77.8	11	Alzheimer's Disease	216	14.4
4	Cerebrovascular Diseases	1,907	58.2	12	Influenza and Pneumonia	151	10.0
5	Accidents	1,891	57.7	13	Certain Cond. Orig. in the Peri. Period	135	9.0
6	Alzheimer's Disease	1,302	39.8	14	HIV	111	7.4
7	Diabetes Mellitus	818	25.0	15	Chronic Liver Disease and Cirrhosis	96	6.4
8	Influenza and Pneumonia	786	24.0		All Other Causes	2,262	—
9	Nephritis, Nephrotic Syn. & Nephrosis	754	23.0	<b>RANK</b>	<b>TOTAL BLACK AND OTHER MALE</b>	5,602	7.8
10	Septicemia	622	19.0	1	Diseases of the Heart	1,378	192.8
11	Suicide	617	18.8	2	Malignant Neoplasms	1,233	172.5
12	Chronic Liver Disease and Cirrhosis	408	12.5	3	Accidents	324	45.3
13	Essential (Primary) Hypertension	332	10.1	4	Cerebrovascular Diseases	301	42.1
14	Parkinson's Disease	311	9.5	5	Diabetes Mellitus	218	30.5
15	Pneumonitis Due to Solids and Liquids	230	7.0	5	Homicide	218	30.5
	All Other Causes	7,085	—	7	Nephritis, Nephrotic Syn. & Nephrosis	193	27.0
<b>RANK</b>	<b>TOTAL WHITE MALE</b>	18,371	11.4	8	Chronic Lower Respiratory Disease	150	21.0
1	Diseases of the Heart	4,740	295.2	9	Septicemia	112	15.7
2	Malignant Neoplasms	4,321	269.1	10	Essential (Primary) Hypertension	100	14.0
3	Chronic Lower Respiratory Disease	1,261	78.5	11	Certain Cond. Orig. in the Peri. Period	75	10.5
4	Accidents	1,175	73.2	12	HIV	74	10.4
5	Cerebrovascular Diseases	758	47.2	12	Influenza and Pneumonia	74	10.4
6	Suicide	483	30.1	14	Chronic Liver Disease and Cirrhosis	68	9.5
7	Diabetes Mellitus	406	25.3	15	Alzheimer's Disease	58	8.1
8	Influenza and Pneumonia	398	24.8		All Other Causes	1,026	—
9	Alzheimer's Disease	384	23.9	<b>RANK</b>	<b>TOTAL BLACK AND OTHER FEMALE</b>	5,571	7.1
10	Nephritis, Nephrotic Syn. & Nephrosis	374	23.3	1	Diseases of the Heart	1,385	175.4
11	Chronic Liver Disease and Cirrhosis	278	17.3	2	Malignant Neoplasms	1,081	136.9
12	Septicemia	276	17.2	3	Cerebrovascular Diseases	393	49.8
13	Parkinson's Disease	171	10.7	4	Diabetes Mellitus	278	35.2
14	Essential (Primary) Hypertension	124	7.7	5	Nephritis, Nephrotic Syn. & Nephrosis	239	30.3
15	Pneumonitis Due to Solids and Liquids	109	6.8	6	Alzheimer's Disease	158	20.0
	All Other Causes	3,113	—	7	Accidents	154	19.5
<b>RANK</b>	<b>TOTAL WHITE FEMALE</b>	18,353	11.0	8	Chronic Lower Respiratory Disease	148	18.7
1	Diseases of the Heart	4,532	271.4	9	Septicemia	138	17.5
2	Malignant Neoplasms	3,521	210.8	10	Essential (Primary) Hypertension	124	15.7
3	Chronic Lower Respiratory Disease	1,286	77.0	11	Influenza and Pneumonia	77	9.8
4	Cerebrovascular Diseases	1,149	68.8	12	Certain Cond. Orig. in the Peri. Period	60	7.6
5	Alzheimer's Disease	918	55.0	13	HIV	37	4.7
6	Accidents	716	42.9	14	Homicide	35	4.4
7	Diabetes Mellitus	412	24.7	15	Atherosclerosis	33	4.2
8	Influenza and Pneumonia	388	23.2		All Other Causes	1,231	—

<sup>1</sup> Total rates are per 1,000 population. Cause-specific rates are per 100,000 population. See formulas in Appendix B.

**TABLE 37**  
**LEADING CAUSES<sup>1</sup> OF DEATH AND DEATH RATES<sup>2</sup>**  
**BY RACE AND AGE GROUP**  
**ALABAMA, 2010**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>UNDER 1 YEAR</b>	522	8.6	265	7.3	257	10.5
Congenital Malformations, Deformations, and Abnormalities	96	157.4	63	172.5	33	134.9
Disorders Related to Short Gestation and Low Birth Weight	73	119.7	31	84.9	42	171.7
SIDS	44	72.1	23	63.0	21	85.8
Accidents	25	41.0	13	35.6	12	49.0
Newborn Affected by Maternal Factors and Complications of Pregnancy and Delivery	20	32.8	9	24.6	11	45.0
Newborn Affected by Complications of Placenta, Cord, and Membranes	20	32.8	11	30.1	9	36.8
Neonatal Hemorrhage	18	29.5	10	27.4	8	32.7
<b>1-4 YEARS</b>	80	0.3	48	0.3	32	0.3
Accidents	28	11.5	16	11.0	12	12.3
Homicide	10	4.1	3	2.1	7	7.2
Malignant Neoplasm	8	3.3	7	4.8	1	1.0
Diseases of the Heart	6	2.5	3	2.1	3	3.1
Congenital Malformations, Deformations, and Abnormalities	3	1.2	3	2.1	0	0.0
Anemias	2	0.8	0	0.0	2	2.0
<b>5-14 YEARS</b>	139	0.2	85	0.2	54	0.2
Accidents	58	9.2	41	10.5	17	7.2
Malignant Neoplasm	11	1.8	5	1.3	6	2.5
Suicide	7	1.1	3	0.8	4	1.7
Diseases of the Heart	5	0.8	2	0.5	3	1.3
Congenital Malformations, Deformations, and Abnormalities	5	0.8	5	1.3	0	0.0
<b>15-19 YEARS</b>	227	0.7	137	0.6	90	0.7
Accidents	126	36.7	87	40.9	39	29.8
Homicide	32	9.3	5	2.4	27	20.6
Suicide	29	8.4	25	11.8	4	3.1
Diseases of the Heart	7	2.0	2	0.9	5	3.8
Malignant Neoplasm	3	0.9	1	0.5	2	1.5
HIV	2	0.6	0	0.0	2	1.5
Influenza and Pneumonia	2	0.6	1	0.5	1	0.8
Nephritis, Nephrotic Syn. & Nephrosis	2	0.6	0	0.0	2	1.5
<b>20-24 YEARS</b>	400	1.2	232	1.1	168	1.3
Accidents	154	45.9	117	55.7	37	29.5
Homicide	64	19.1	16	7.6	48	38.3
Suicide	45	13.4	32	15.2	13	10.4
Diseases of the Heart	29	8.6	12	5.7	17	13.6
Malignant Neoplasm	24	7.2	14	6.7	10	8.0
Cerebrovascular Diseases	6	1.8	3	1.4	3	2.4
Diabetes Mellitus	6	1.8	2	1.0	4	3.2
HIV	6	1.8	0	0.0	6	4.8
<b>25-34 YEARS</b>	998	1.6	672	1.7	326	1.5
Accidents	353	58.0	284	72.8	69	31.6
Suicide	110	18.1	95	24.3	15	6.9
Homicide	101	16.6	28	7.2	73	33.4
Diseases of the Heart	96	15.8	57	14.6	39	17.8
Malignant Neoplasm	76	12.5	51	13.1	25	11.4
Diabetes Mellitus	27	4.4	20	5.1	7	3.2
HIV	15	2.5	3	0.8	12	5.5

<sup>1</sup> See Appendix C for the ICD-10 Codes that correspond to causes of death.

<sup>2</sup> Age-specific rate is per 1,000 population in specified group. Cause-specific rates are per 100,000. See formulas in Appendix B. Use caution with rates based on small populations.

**TABLE 37**  
**LEADING CAUSES<sup>1</sup> OF DEATH AND DEATH RATES<sup>2</sup>**  
**BY RACE AND AGE GROUP**  
**ALABAMA, 2010**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>35-44 YEARS</b>	1,614	2.6	1,093	2.6	521	2.7
Diseases of the Heart	331	53.4	214	50.3	117	60.4
Accidents	329	53.1	281	66.0	48	24.8
Malignant Neoplasm	191	30.8	125	29.4	66	34.1
Suicide	118	19.0	111	26.1	7	3.6
Homicide	60	9.7	25	5.9	35	18.1
Diabetes Mellitus	49	7.9	25	5.9	24	12.4
Cerebrovascular Diseases	45	7.3	20	4.7	25	12.9
HIV	38	6.1	10	2.3	28	14.5
Chronic Liver Disease and Cirrhosis	38	6.1	35	8.2	3	1.5
<b>45-54 YEARS</b>	4,023	5.8	2,747	5.6	1,276	6.4
Malignant Neoplasm	971	139.9	665	134.8	306	152.6
Diseases of the Heart	946	136.3	639	129.5	307	153.1
Accidents	378	54.5	301	61.0	77	38.4
Cerebrovascular Diseases	173	24.9	81	16.4	92	45.9
Suicide	149	21.5	141	28.6	8	4.0
Chronic Liver Disease and Cirrhosis	136	19.6	102	20.7	34	17.0
Chronic Lower Respiratory Diseases	125	18.0	105	21.3	20	10.0
Diabetes Mellitus	115	16.6	69	14.0	46	22.9
<b>55-64 YEARS</b>	6,737	11.5	4,697	10.7	2,040	13.7
Malignant Neoplasm	2,106	358.1	1,511	344.3	595	398.7
Diseases of the Heart	1,620	275.5	1,103	251.4	517	346.5
Chronic Lower Respiratory Diseases	356	60.5	314	71.6	42	28.1
Cerebrovascular Diseases	285	48.5	161	36.7	124	83.1
Accidents	262	44.6	185	42.2	77	51.6
Diabetes Mellitus	253	43.0	148	33.7	105	70.4
Nephritis, Nephrotic Syn. & Nephrosis	165	28.1	96	21.9	69	46.2
<b>65-74 YEARS</b>	8,879	24.0	6,852	23.1	2,027	27.4
Malignant Neoplasm	2,765	746.3	2,199	741.8	566	764.2
Diseases of the Heart	2,148	579.8	1,608	542.4	540	729.1
Chronic Lower Respiratory Diseases	743	200.5	674	227.4	69	93.2
Cerebrovascular Diseases	409	110.4	283	95.5	126	170.1
Diabetes Mellitus	285	76.9	184	62.1	101	136.4
Nephritis, Nephrotic Syn. & Nephrosis	219	59.1	133	44.9	86	116.1
Septicemia	206	55.6	143	48.2	63	85.1
<b>75-84 YEARS</b>	12,263	58.0	10,009	58.0	2,254	57.8
Diseases of the Heart	3,114	1471.6	2,523	1461.8	591	1514.8
Malignant Neoplasm	2,686	1269.3	2,205	1277.6	481	1232.9
Chronic Lower Respiratory Diseases	1,009	476.8	914	529.6	95	243.5
Cerebrovascular Diseases	802	379.0	637	369.1	165	422.9
Alzheimer's Disease	500	236.3	431	249.7	69	176.9
Nephritis, Nephrotic Syn. & Nephrosis	371	175.3	250	144.8	121	310.1
Diabetes Mellitus	329	155.5	203	117.6	126	323.0
<b>85+ YEARS</b>	12,015	158.8	9,887	162.2	2,128	144.3
Diseases of the Heart	3,722	4917.8	3,103	5091.9	619	4198.3
Malignant Neoplasm	1,315	1737.5	1,059	1737.8	256	1736.3
Alzheimer's Disease	897	1185.2	768	1260.3	129	874.9
Cerebrovascular Diseases	866	1144.2	715	1173.3	151	1024.1
Chronic Lower Respiratory Diseases	578	763.7	519	851.7	59	400.2
Influenza and Pneumonia	350	462.4	312	512.0	38	257.7
Nephritis, Nephrotic Syn. & Nephrosis	311	410.9	226	370.9	85	576.5

<sup>1</sup> See Appendix C for the ICD-10 Codes that correspond to causes of death.

<sup>2</sup> Age-specific rate is per 1,000 population in specified group. Cause-specific rates are per 100,000. See formulas in Appendix B. Use caution with rates based on small populations.

**TABLE 38**  
**SELECTED CAUSES OF DEATH**  
**BY AGE GROUP**  
**ALABAMA, 2010**

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+
<b>TOTAL</b>	47,897	522	80	139	627	998	1,614	4,023	6,737	8,879	12,263	12,015
Diseases of the Heart	12,035	11	6	5	36	96	331	946	1,620	2,148	3,114	3,722
Malignant Neoplasms	10,156	0	8	11	27	76	191	971	2,106	2,765	2,686	1,315
Chronic Lower Respiratory Diseases	2,845	2	1	4	1	6	20	125	356	743	1,009	578
Cerebrovascular Diseases	2,601	5	0	1	6	9	45	173	285	409	802	866
Accidents	2,369	25	28	58	280	353	329	378	262	197	240	219
Alzheimer's Disease	1,518	0	0	0	0	0	0	2	14	105	500	897
Diabetes Mellitus	1,314	0	1	0	6	27	49	115	253	285	329	249
Nephritis, Neph. Syndrome & Nephrosis	1,186	2	1	0	3	12	30	72	165	219	371	311
Influenza & Pneumonia	932	5	1	2	5	11	21	38	87	150	262	350
Septicemia	872	8	1	2	6	14	37	58	147	206	223	170
Suicide	676	0	0	7	74	110	118	149	100	58	46	14
Essential Hypertension (Primary)	556	0	0	0	0	6	21	57	95	95	118	164
Chronic Liver Disease and Cirrhosis	504	0	0	0	0	5	38	136	154	89	68	14
Homicide	391	7	10	4	96	101	60	57	39	11	4	2
Parkinson's Disease	341	0	0	0	2	0	0	1	7	56	176	99
Certain Conditions Orig. in Perinatal Period	248	246	0	1	1	0	0	0	0	0	0	0
Pneumonitis Due to Solids and Liquids	287	0	0	0	0	2	4	11	23	36	97	114
In Situ, Benign, or Uncertain Neoplasms	233	2	1	1	5	1	7	18	23	42	71	62
Atherosclerosis	168	0	0	0	0	0	7	5	20	24	46	66
Human Immunodeficiency Virus Infection	150	0	0	0	8	15	38	48	31	7	3	0
Congenital Anomalies	156	96	3	5	6	8	8	10	12	5	2	1
Aortic Aneurysm and Dissection	170	0	0	0	0	2	7	13	23	37	52	36
All Other Causes	8,189	113	19	38	65	144	253	640	915	1,192	2,044	2,766

**TABLE 39**  
**HEART DISEASE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	369.0	9,948	304.1	6,740	294.4	3,208	326.3
1961	362.4	9,995	301.5	6,812	292.9	3,183	321.7
1962	370.1	10,412	310.2	7,215	305.6	3,197	321.1
1963	375.2	10,600	312.0	7,312	305.1	3,228	328.4
1964	365.7	10,496	305.2	7,529	309.7	2,967	294.5
1965	367.4	10,563	314.4	7,575	314.0	2,988	315.4
1966	371.2	11,153	330.2	8,028	329.4	3,125	332.2
1967	364.5	10,693	314.9	7,823	317.8	2,870	307.3
1968	373.5	11,126	325.9	8,188	329.4	2,938	316.9
1969	367.1	11,183	325.9	8,242	328.3	2,941	319.6
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	247.8	13,177	293.7	10,141	319.1	3,036	232.1
2002	241.7	13,183	291.3	10,132	317.2	3,051	229.0
2003	235.6	13,149	292.2	10,070	313.6	3,079	238.7
2004	222.2	12,734	281.1	9,822	303.6	2,912	224.8
2005	220.0	12,800	280.8	9,872	303.5	2,928	224.4
2006	211.0	12,434	270.4	9,606	303.5	2,828	213.8
2007	204.3	11,761	254.1	9,035	274.8	2,726	203.4
2008	N/A	12,091	259.4	9,383	283.4	2,708	200.5
2009	N/A	11,962	254.0	9,282	277.9	2,680	195.8
2010	N/A	12,035	251.8	9,272	283.1	2,763	183.7

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

**TABLE 40**  
**HEART DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER							
	MALE		RATE	MALE		FEMALE		RATE	MALE		FEMALE		RATE	MALE		FEMALE	
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
TOTAL	12,035	251.8	4,740	295.2	4,532	271.4	1,378	192.8	1,385	175.4							
UNDER 1	11	18.0	4	21.4	2	11.2	4	32.4	1	8.3							
1-4	6	2.5	0	0.0	3	4.2	2	4.0	1	2.1							
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0							
10-14	5	1.6	1	1.0	1	1.0	1	1.7	2	3.4							
15-19	7	2.0	0	0.0	2	1.9	4	6.1	1	1.5							
20-24	29	8.6	11	10.4	1	1.0	7	11.3	10	15.7							
25-29	31	10.0	13	13.1	3	3.0	8	14.7	7	11.9							
30-34	65	21.8	27	28.0	14	14.6	14	28.1	10	18.0							
35-39	126	40.9	46	44.0	27	25.9	31	66.5	22	41.3							
40-44	205	65.9	88	80.7	53	48.9	33	75.6	31	61.9							
45-49	367	106.0	172	140.1	79	64.1	73	157.4	43	79.7							
50-54	579	166.6	267	217.9	121	97.0	121	262.1	70	129.5							
55-59	740	237.3	331	299.4	151	130.1	157	401.8	101	218.5							
60-64	880	318.7	419	409.0	202	184.1	167	572.9	92	264.6							
65-69	1,044	498.0	480	607.3	287	325.9	165	875.1	112	472.8							
70-74	1,104	686.3	545	923.5	296	420.8	140	1066.2	123	669.1							
75-79	1,376	1120.2	611	1410.8	484	854.9	146	1694.3	135	944.7							
80-84	1,738	1957.8	685	2405.5	743	1681.4	128	2457.8	182	1670.0							
85+	3,722	4917.8	1,040	5503.5	2,063	4906.9	177	4467.4	442	4099.4							

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



**TABLE 41**  
**MALIGNANT NEOPLASM DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	149.2	3,830	117.1	2,747	120.0	1,083	110.2
1961	149.4	3,909	117.9	2,808	120.7	1,101	111.3
1962	149.9	4,108	122.4	2,936	124.3	1,172	117.7
1963	151.3	4,068	119.7	2,964	123.7	1,104	110.3
1964	151.3	4,280	124.5	3,144	129.3	1,136	112.7
1965	153.5	4,309	128.2	3,154	130.7	1,155	121.9
1966	155.1	4,491	133.0	3,305	135.6	1,186	126.1
1967	157.2	4,686	138.0	3,430	139.3	1,256	134.5
1968	159.8	4,820	141.2	3,536	142.2	1,284	138.5
1969	160.4	4,950	144.3	3,609	143.8	1,341	145.7
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	194.4	9,783	218.1	7,406	233.0	2,377	181.7
2002	193.2	9,685	214.0	7,427	232.5	2,258	169.5
2003	191.5	9,790	217.5	7,529	234.5	2,261	175.3
2004	188.6	9,745	215.1	7,509	232.1	2,236	172.6
2005	188.7	9,854	216.2	7,569	232.7	2,285	175.1
2006	187.0	9,759	212.2	7,539	230.1	2,220	167.9
2007	186.6	9,862	213.1	7,530	229.1	2,332	174.0
2008	N/A	10,152	217.8	7,791	235.3	2,361	174.8
2009	N/A	10,255	217.8	7,877	235.8	2,378	173.8
2010	N/A	10,156	212.5	7,842	239.4	2,314	153.8

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

**TABLE 42**  
**MALIGNANT NEOPLASM DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE	TOTAL	MALE			FEMALE			MALE			FEMALE		
				NUMBER	RATE	TOTAL	NUMBER	RATE	TOTAL	NUMBER	RATE	TOTAL	NUMBER	RATE	TOTAL
<b>TOTAL</b>	10,156	212.5		4,321	269.1	3,521	210.8	1,233	172.5	1,081	136.9				
UNDER 1	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
1-4	8	3.3		4	5.3	3	4.2	1	2.0	0	0.0				
5-9	9	2.9		1	1.0	2	2.1	4	6.8	2	3.5				
10-14	2	0.6		1	1.0	1	1.0	0	0.0	0	0.0				
15-19	3	0.9		0	0.0	1	1.0	1	1.5	1	1.5				
20-24	24	7.2		8	7.6	6	5.8	6	9.7	4	6.3				
25-29	32	10.3		13	13.1	10	10.2	6	11.0	3	5.1				
30-34	44	14.8		12	12.4	16	16.7	5	10.0	11	19.8				
35-39	51	16.5		17	16.3	13	12.5	7	15.0	14	26.3				
40-44	140	45.0		40	36.7	55	50.8	17	38.9	28	55.9				
45-49	314	90.7		112	91.3	103	83.5	43	92.7	56	103.7				
50-54	657	189.1		238	194.2	212	170.0	117	253.4	90	166.5				
55-59	899	288.2		351	317.5	244	210.2	173	442.7	131	283.5				
60-64	1,207	437.1		557	543.7	359	327.1	176	603.7	115	330.7				
65-69	1,331	634.9		625	790.8	426	483.8	148	784.9	132	557.2				
70-74	1,434	891.4		651	1103.2	497	706.6	162	1233.7	124	674.5				
75-79	1,408	1146.2		657	1517.0	505	891.9	135	1566.7	111	776.7				
80-84	1,278	1439.7		548	1924.4	495	1120.2	124	2381.0	111	1018.5				
85+	1,315	1737.5		486	2571.8	573	1362.9	108	2725.9	148	1372.7				

<sup>1</sup>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 <sup>1</sup>**  
**BY PRIMARY SITE AND SEX**  
**ALABAMA, 2010**

PRIMARY SITE	ICD-10 CODE	TOTAL		MALE		FEMALE	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
Total	C00-C97	10,156	212.5	5,554	239.4	4,602	187.1
Lip, Oral Cavity and Pharynx	C00-C14	163	3.4	108	4.7	55	2.2
Esophagus	C15	233	4.9	179	7.7	54	2.2
Stomach	C16	186	3.9	106	4.6	80	3.3
Colon, Rectum and Anus	C18-C21	901	18.9	502	21.6	399	16.2
Liver and Intrahepatic Bile Ducts	C22	323	6.8	214	9.2	109	4.4
Pancreas	C25	576	12.1	281	12.1	295	12.0
Larynx	C32	66	1.4	54	2.3	12	0.5
Trachea, Bronchus and Lung	C33-C34	3,220	67.4	1,983	85.5	1,237	50.3
Skin	C43	144	3.0	95	4.1	49	2.0
Breast	C50	695	14.5	4	0.2	691	28.1
Cervix Uteri	C53	76	1.6	0	0.0	76	3.1
Corpus Uteri and Uterus, Part Unspecified	C54-C55	105	2.2	0	0.0	105	4.3
Ovary	C56	273	5.7	0	0.0	273	11.1
Prostate	C61	542	11.3	542	23.4	0	0.0
Kidney and Renal Pelvis	C64-C65	202	4.2	133	5.7	69	2.8
Bladder	C67	184	3.8	135	5.8	49	2.0
Meninges, Brain and Other Parts of Central Nervous System	C70-C72	274	5.7	147	6.3	127	5.2
Lymphoid, Hematopoietic and Related Tissue	Subtotal	903	18.9	483	20.8	420	17.1
Hodgkin's Disease	C81	22	0.5	11	0.5	11	0.4
Non-Hodgkin's Lymphoma	C82-C85	307	6.4	161	6.9	146	5.9
Leukemia	C91-C95	359	7.5	206	8.9	153	6.2
Multiple Myeloma and Immunoproliferative Neoplasms	C88 or C90	213	4.5	103	4.4	110	4.5
Other and Unspecified Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	C96	2	0.0	2	0.1	0	0.0
All Other and Unspecified Malignant Neoplasms	C00-C97 not listed above	1,090	22.8	588	25.3	502	20.4

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

**TABLE 44**  
**CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1970-2010**

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	56.4	3,203	70.8	2,339	73.2	864	64.9
2003	54.2	3,020	67.1	2,225	69.3	795	61.6
2004	51.1	2,974	65.6	2,156	66.7	818	63.1
2005	48.4	2,940	64.5	2,131	65.5	809	62.0
2006	45.8	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	N/A	2,814	60.4	2,052	62.0	762	56.4
2009	N/A	2,647	56.2	1,943	58.2	704	51.4
2010	N/A	2,601	54.4	1,907	58.2	694	46.1

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

**TABLE 45  
CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP, RACE AND SEX  
ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,601	54.4		758	47.2	1,149	68.8	301	42.1	393	49.8				
UNDER 1	5	8.2		1	5.3	2	11.2	0	0.0	2	16.5				
1-4	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
5-9	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
10-14	1	0.3		0	0.0	1	1.0	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	6	1.8		2	1.9	1	1.0	1	1.6	2	3.1				
25-29	2	0.6		0	0.0	1	1.0	1	1.8	0	0.0				
30-34	7	2.3		0	0.0	2	2.1	2	4.0	3	5.4				
35-39	22	7.1		4	3.8	7	6.7	4	8.6	7	13.1				
40-44	23	7.4		3	2.8	6	5.5	4	9.2	10	20.0				
45-49	67	19.3		14	11.4	14	11.4	24	51.8	15	27.8				
50-54	106	30.5		33	26.9	20	16.0	29	62.8	24	44.4				
55-59	118	37.8		40	36.2	30	25.8	29	74.2	19	41.1				
60-64	167	60.5		52	50.8	39	35.5	42	144.1	34	97.8				
65-69	187	89.2		70	88.6	62	70.4	28	148.5	27	114.0				
70-74	222	138.0		69	116.9	82	116.6	41	312.2	30	163.2				
75-79	336	273.5		119	274.8	146	257.9	24	278.5	47	328.9				
80-84	466	524.9		147	516.2	225	509.2	40	768.0	54	495.5				
85+	866	1144.2		204	1079.5	511	1215.4	32	807.7	119	1103.7				

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

**TABLE 46**  
**CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY RACE AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1980-2010**

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	43.3	2,328	51.4	2,061	64.5	267	20.0
2003	43.5	2,426	53.9	2,159	67.2	267	20.7
2004	41.5	2,359	52.1	2,087	64.5	272	21.0
2005	44.2	2,371	52.0	2,108	64.8	263	20.2
2006	41.6	2,277	49.5	2,038	62.2	239	18.1
2007	42.4	2,510	54.2	2,247	68.4	263	19.6
2008	N/A	2,723	58.4	2,422	73.1	301	22.3
2009	N/A	2,761	58.6	2,480	74.2	281	20.5
2010	N/A	2,845	59.5	2,547	77.8	298	19.8

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

**TABLE 47**  
**CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE	RATE	MALE		FEMALE		RATE	RATE	MALE		FEMALE		RATE	RATE
				NUMBER	RATE	NUMBER	RATE			NUMBER	RATE	NUMBER	RATE		
TOTAL	2,845	59.5	78.5	1,261	1,286	77.0	150	21.0	148	18.7					
UNDER															
1	2	3.3	0.0	0	0	0.0	0	0.0	2	16.5					
1-4	1	0.4	1.3	1	0	0.0	0	0.0	0	0.0					
5-9	1	0.3	0.0	0	0	0.0	1	1.7	0	0.0					
10-14	3	0.9	1.0	1	1	1.0	1	1.7	0	0.0					
15-19	1	0.3	0.0	0	0	0.0	1	1.5	0	0.0					
20-24	0	0.0	0.0	0	0	0.0	0	0.0	0	0.0					
25-29	1	0.3	0.0	0	1	1.0	0	0.0	0	0.0					
30-34	5	1.7	1.0	1	1	1.0	1	2.0	2	3.6					
35-39	5	1.6	1.9	2	2	1.9	0	0.0	1	1.9					
40-44	15	4.8	5.5	6	5	4.6	1	2.3	3	6.0					
45-49	36	10.4	13.9	17	13	10.5	2	4.3	4	7.4					
50-54	89	25.6	34.3	42	33	26.5	5	10.8	9	16.7					
55-59	125	40.1	47.9	53	55	47.4	7	17.9	10	21.6					
60-64	231	83.7	94.7	97	109	99.3	14	48.0	11	31.6					
65-69	318	151.7	201.2	159	123	139.7	20	106.1	16	67.5					
70-74	425	264.2	344.0	203	189	268.7	18	137.1	15	81.6					
75-79	512	416.8	554.1	240	222	392.1	27	313.3	23	160.9					
80-84	497	559.9	726.9	207	245	554.4	27	518.4	18	165.2					
85+	578	763.7	1227.7	232	287	682.6	25	631.0	34	315.3					

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

**TABLE 48**  
**ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	52.3	2,029	62.0	1,317	57.5	712	72.4
1961	50.4	2,028	61.2	1,362	58.6	666	67.3
1962	52.3	2,097	62.5	1,372	58.1	725	72.8
1963	53.4	2,204	64.9	1,480	61.8	724	72.3
1964	54.3	2,203	64.1	1,534	63.1	669	66.4
1965	55.7	2,425	72.2	1,699	70.4	726	76.6
1966	58.0	2,437	72.2	1,654	67.9	783	83.2
1967	57.2	2,424	71.4	1,731	70.3	693	74.2
1968	57.5	2,489	72.9	1,778	71.5	711	76.7
1969	57.6	2,524	73.6	1,758	70.0	766	83.2
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	35.7	2,187	48.7	1,648	51.9	539	41.2
2002	37.0	2,212	48.9	1,732	54.2	480	36.0
2003	37.6	2,183	48.5	1,658	51.6	525	40.7
2004	38.1	2,381	52.6	1,811	56.0	570	44.0
2005	39.7	2,368	52.0	1,796	55.2	572	43.8
2006	40.6	2,451	53.3	1,925	58.8	526	39.8
2007	41.0	2,476	53.5	1,971	60.0	505	37.7
2008	N/A	2,497	53.6	2,004	60.5	493	36.5
2009	N/A	2,342	49.7	1,903	57.0	439	32.1
2010	N/A	2,369	49.6	1,891	57.7	478	31.8

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



**TABLE 49  
ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP AND RACE  
ALABAMA, 2010**

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,369	49.6	1,891	57.7	478	31.8
UNDER 1	25	41.0	13	35.6	12	49.0
1-4	28	11.5	16	11.0	12	12.3
5-9	34	11.0	22	11.5	12	10.3
10-14	24	7.5	19	9.5	5	4.2
15-19	126	36.7	87	40.9	39	29.8
20-24	154	45.9	117	55.7	37	29.5
25-29	170	54.7	136	68.8	34	30.0
30-34	183	61.4	148	76.8	35	33.2
35-39	157	50.9	139	66.7	18	18.0
40-44	172	55.3	142	65.3	30	32.0
45-49	192	55.4	160	65.0	32	31.9
50-54	186	53.5	141	57.0	45	44.9
55-59	142	45.5	101	44.6	41	48.1
60-64	120	43.5	84	39.6	36	56.3
65-69	105	50.1	83	49.7	22	51.7
70-74	92	57.2	81	62.6	11	34.9
75-79	99	80.6	82	82.1	17	74.2
80-84	141	158.8	127	174.8	14	86.9
85+	219	289.4	193	316.7	26	176.3

<sup>1</sup>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 <sup>1</sup>  
 BY AGE GROUP, RACE AND SEX  
 ALABAMA, 2010

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE		MALE			FEMALE			MALE			FEMALE		
				NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
TOTAL	2,369	49.6		1,175	73.2		716	42.9		324	45.3		154	19.5	
UNDER 1	25	41.0		7	37.4		6	33.7		6	48.6		6	49.5	
1-4	28	11.5		8	10.7		8	11.2		7	14.2		5	10.3	
5-9	34	11.0		14	14.3		8	8.5		8	13.5		4	7.0	
10-14	24	7.5		11	10.7		8	8.2		3	5.0		2	3.4	
15-19	126	36.7		49	44.9		38	36.7		24	36.3		15	23.2	
20-24	154	45.9		87	82.4		30	28.8		28	45.2		9	14.2	
25-29	170	54.7		98	98.8		38	38.6		21	38.5		13	22.1	
30-34	183	61.4		105	108.7		43	44.8		22	44.1		13	23.4	
35-39	157	50.9		94	90.0		45	43.2		17	36.5		1	1.9	
40-44	172	55.3		95	87.1		47	43.4		16	36.6		14	28.0	
45-49	192	55.4		106	86.4		54	43.8		25	53.9		7	13.0	
50-54	186	53.5		85	69.4		56	44.9		31	67.2		14	25.9	
55-59	142	45.5		66	59.7		35	30.2		33	84.4		8	17.3	
60-64	120	43.5		56	54.7		28	25.5		31	106.3		5	14.4	
65-69	105	50.1		55	69.6		28	31.8		14	74.2		8	33.8	
70-74	92	57.2		55	93.2		26	37.0		6	45.7		5	27.2	
75-79	99	80.6		42	97.0		40	70.6		11	127.7		6	42.0	
80-84	141	158.8		59	207.2		68	153.9		8	153.6		6	55.1	
85+	219	289.4		83	439.2		110	261.6		13	328.1		13	120.6	

<sup>1</sup>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, 2010**

TYPE OF ACCIDENT (ICD CODE)	TOTAL	AGE GROUP									
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
<b>TOTAL</b>	2,369	25	28	58	280	353	329	378	262	197	459
OCCUPANT OF RAILWAY TRAIN (V81.0-V-81.8)	1	0	0	0	0	0	0	1	0	0	0
MOTOR VEHICLE <sup>1</sup>	923	4	10	30	184	164	142	140	111	64	74
DROWNING (W65-W74)	99	0	6	7	22	12	11	21	9	10	1
AIR & SPACE TRANSPORT (V95-V97)	5	0	0	0	0	0	2	2	1	0	0
POISONING (X40-X49)	493	1	2	1	38	127	124	135	39	15	11
FALLS (W00-W19)	207	1	0	0	5	4	10	14	26	26	121
SMOKE, FIRE AND FLAMES (X00-X09)	115	0	6	10	4	9	16	19	20	9	22
CONTACT WITH VENOMOUS LIFE FORMS (X20-X29)	1	0	0	0	0	0	0	1	0	0	0
EXCESSIVE NATURAL HEAT (X30)	9	1	2	0	0	1	0	0	2	1	2
EXCESSIVE NATURAL COLD (X31)	13	1	0	0	0	0	2	1	3	1	5
LIGHTNING (X33)	3	0	0	0	2	1	0	0	0	0	0
CATAclysmic STORMS AND FLOODS (X37-X38)	0	0	0	0	0	0	0	0	0	0	0
SUFFOCATION (W75-W84)	137	15	0	6	4	2	2	11	15	23	59
STRUCK BY FALLING OBJECTS, ETC. (W20)	8	0	0	0	1	1	1	3	0	1	1
FIREARMS (W32-W34)	34	0	2	0	6	9	7	4	2	3	1
ELECTROCUTION (W85-W87)	7	0	0	0	1	1	1	2	0	2	0
ALL OTHER ACCIDENTS & LATE EFFECTS	314	2	0	4	13	22	11	24	34	42	162

<sup>1</sup> See Appendix C for Selected Causes listing.

**TABLE 52  
DIABETES DEATHS AND DEATH RATES <sup>1</sup> BY RACE  
AND TOTAL UNITED STATES RATES  
ALABAMA, 1980-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1980	15.4	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	25.1	1,339	29.8	820	25.8	519	39.7
2002	25.4	1,485	32.8	901	28.2	584	43.8
2003	25.5	1,411	31.4	892	27.8	519	40.2
2004	24.9	1,442	31.8	856	26.5	586	45.2
2005	25.3	1,420	31.2	885	27.2	535	41.0
2006	24.2	1,430	31.1	888	27.1	542	41.0
2007	23.7	1,288	27.8	801	24.4	487	36.3
2008	N/A	1,380	29.6	841	25.4	539	39.9
2009	N/A	1,271	27.0	760	22.8	511	37.3
2010	N/A	1,314	27.5	818	25.0	496	33.0

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

TABLE 53  
 DIABETES DEATHS AND DEATH RATES <sup>1</sup>  
 BY AGE GROUP, RACE AND SEX  
 ALABAMA, 2010

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER							
	MALE		RATE	MALE		FEMALE		RATE	MALE		FEMALE		RATE	MALE		FEMALE	
	NUMBER	NUMBER		NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
TOTAL	1,314	406	27.5	25.3	412	24.7	218	30.5	278	35.2							
UNDER 1	0	0	0.0	0.0	0	0.0	0	0.0	0	0.0							
1-4	1	0	0.4	0.0	0	0.0	0	0.0	1	2.1							
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	6	2	1.8	1.9	0	0.0	2	3.2	2	3.1							
25-29	13	4	4.2	4.0	7	7.1	2	3.7	0	0.0							
30-34	14	3	4.7	3.1	6	6.2	3	6.0	2	3.6							
35-39	22	2	7.1	1.9	9	8.6	7	15.0	4	7.5							
40-44	27	5	8.7	4.6	9	8.3	4	9.2	9	18.0							
45-49	42	14	12.1	11.4	9	7.3	11	23.7	8	14.8							
50-54	73	28	21.0	22.8	18	14.4	13	28.2	14	25.9							
55-59	119	32	38.2	28.9	29	25.0	33	84.4	25	54.1							
60-64	134	55	48.5	53.7	32	29.2	27	92.6	20	57.5							
65-69	139	62	66.3	78.4	24	27.3	31	164.4	22	92.9							
70-74	146	53	90.8	89.8	45	64.0	21	159.9	27	146.9							
75-79	148	44	120.5	101.6	44	77.7	27	313.3	33	230.9							
80-84	181	48	203.9	168.6	67	151.6	21	403.2	45	412.9							
85+	249	54	329.0	285.8	113	268.8	16	403.8	66	612.1							

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

**TABLE 54**  
**ALZHEIMER'S DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1980-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1980	0.6	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	20.4	1,189	26.3	1,031	32.3	158	11.9
2003	21.8	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	24.2	1,487	32.3	1,278	39.0	209	15.8
2007	24.7	1,506	32.5	1,266	38.5	240	17.9
2008	N/A	1,516	32.5	1,286	38.8	230	17.0
2009	N/A	1,510	32.1	1,274	38.1	236	17.2
2010	N/A	1,518	31.8	1,302	39.8	216	14.4

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

**TABLE 55  
ALZHEIMER'S DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP, RACE AND SEX  
ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER						
	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	1,518	31.8	384	23.9	918	55.0	58	8.1	158	20.0						
UNDER 1	0	0.0	0	0.0	0	0.0	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	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	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	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	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	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	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	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	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	0	0.0	0	0.0	0	0.0
45-49	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
50-54	2	0.6	1	0.8	1	0.8	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0
55-59	2	0.6	1	0.9	1	0.9	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
60-64	12	4.3	4	3.9	8	7.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
65-69	31	14.8	11	13.9	14	15.9	3	15.9	3	15.9	3	15.9	3	15.9	3	12.7
70-74	74	46.0	31	52.5	31	44.1	5	38.1	7	38.1	7	38.1	7	38.1	7	38.1
75-79	147	119.7	50	115.4	69	121.9	10	116.0	18	126.0	18	126.0	18	126.0	18	126.0
80-84	353	397.7	117	410.9	195	441.3	11	211.2	30	275.3	30	275.3	30	275.3	30	275.3
85+	897	1185.2	169	894.3	599	1424.7	29	732.0	100	927.5	100	927.5	100	927.5	100	927.5

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

**TABLE 56**  
**SUICIDE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	10.6	244	7.5	225	9.8	19	1.9
1961	10.4	306	9.2	272	11.7	34	3.4
1962	10.9	283	8.4	258	10.9	25	2.5
1963	11.0	299	8.8	276	11.5	23	2.3
1964	10.8	319	9.3	289	11.9	30	3.0
1965	11.1	323	9.6	288	11.9	35	3.7
1966	10.9	309	9.1	268	11.0	41	4.4
1967	10.8	313	9.2	287	11.7	26	2.7
1968	10.7	322	9.4	285	11.5	37	4.0
1969	11.1	334	9.7	305	12.1	29	3.2
1970	11.6	313	9.1	285	11.2	28	3.1
1971	11.7	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	10.8	508	11.3	450	14.2	58	4.4
2002	11.0	515	11.4	450	14.1	65	4.9
2003	10.8	525	11.7	472	14.7	53	4.1
2004	11.0	535	11.8	453	14.0	82	6.3
2005	11.0	526	11.5	460	14.1	66	5.1
2006	11.1	573	12.5	509	15.5	64	4.8
2007	11.5	586	12.7	530	16.1	56	4.2
2008	N/A	603	12.9	533	16.1	70	5.2
2009	N/A	667	14.2	602	18.0	65	4.7
2010	N/A	676	14.1	617	18.8	59	3.9

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



**TABLE 57**  
**SUICIDE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE		MALE			FEMALE			MALE			FEMALE		
				NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
TOTAL	676	14.1		483	30.1		134	8.0		52	7.3		7	0.9	
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	7	2.2		2	1.9		1	1.0		2	3.3		2	3.4	
15-19	29	8.4		18	16.5		7	6.8		4	6.1		0	0.0	
20-24	45	13.4		30	28.4		2	1.9		12	19.4		1	1.6	
25-29	61	19.6		41	41.3		8	8.1		12	22.0		0	0.0	
30-34	49	16.4		37	38.3		9	9.4		3	6.0		0	0.0	
35-39	51	16.5		33	31.6		15	14.4		2	4.3		1	1.9	
40-44	67	21.5		46	42.2		17	15.7		4	9.2		0	0.0	
45-49	74	21.4		52	42.4		18	14.6		3	6.5		1	1.9	
50-54	75	21.6		54	44.1		17	13.6		3	6.5		1	1.9	
55-59	60	19.2		44	39.8		12	10.3		4	10.2		0	0.0	
60-64	40	14.5		33	32.2		7	6.4		0	0.0		0	0.0	
65-69	31	14.8		22	27.8		8	9.1		1	5.3		0	0.0	
70-74	27	16.8		20	33.9		5	7.1		2	15.2		0	0.0	
75-79	27	22.0		21	48.5		6	10.6		0	0.0		0	0.0	
80-84	19	21.4		17	59.7		1	2.3		0	0.0		1	9.2	
85+	14	18.5		13	68.8		1	2.4		0	0.0		0	0.0	

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

**TABLE 58  
HOMICIDE DEATHS AND DEATH RATES <sup>1</sup> BY RACE  
AND TOTAL UNITED STATES RATES  
ALABAMA, 1960-2010**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	4.7	344	10.5	94	4.1	250	25.4
1961	4.7	332	10.0	105	4.5	227	22.9
1962	4.8	370	11.0	128	5.4	242	24.3
1963	4.9	368	10.8	119	5.0	249	24.9
1964	5.1	370	10.8	105	4.3	265	26.3
1965	5.5	420	12.5	118	4.9	302	31.9
1966	5.9	403	11.9	116	4.8	287	30.5
1967	6.8	431	12.7	124	5.0	307	32.9
1968	7.4	465	13.6	146	5.9	319	34.4
1969	7.7	484	14.1	176	7.0	308	33.5
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	N/A	450	9.7	164	5.0	286	21.2
2009	N/A	411	8.7	172	5.1	239	17.5
2010	N/A	391	8.2	138	4.2	253	16.8

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

**TABLE 59  
HOMICIDE DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP, RACE AND SEX  
ALABAMA, 2010**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE	RATE	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	391	8.2	8.2	96	6.0	42	2.5	218	30.5	35	4.4				
UNDER 1	7	11.5	11.5	2	10.7	3	16.8	1	8.1	1	8.3				
1-4	10	4.1	4.1	2	2.7	1	1.4	5	10.1	2	4.1				
5-9	1	0.3	0.3	0	0.0	1	1.1	0	0.0	0	0.0				
10-14	3	0.9	0.9	0	0.0	0	0.0	2	3.3	1	1.7				
15-19	32	9.3	9.3	4	3.7	1	1.0	25	37.8	2	3.1				
20-24	64	19.1	19.1	13	12.3	3	2.9	45	72.7	3	4.7				
25-29	47	15.1	15.1	12	12.1	5	5.1	27	49.5	3	5.1				
30-34	54	18.1	18.1	8	8.3	3	3.1	39	78.2	4	7.2				
35-39	36	11.7	11.7	6	5.7	3	2.9	24	51.5	3	5.6				
40-44	24	7.7	7.7	12	11.0	4	3.7	7	16.0	1	2.0				
45-49	30	8.7	8.7	10	8.1	3	2.4	13	28.0	4	7.4				
50-54	27	7.8	7.8	9	7.3	3	2.4	10	21.7	5	9.3				
55-59	23	7.4	7.4	10	9.0	5	4.3	4	10.2	4	8.7				
60-64	16	5.8	5.8	5	4.9	1	0.9	10	34.3	0	0.0				
65-69	7	3.3	3.3	1	1.3	3	3.4	3	15.9	0	0.0				
70-74	4	2.5	2.5	2	3.4	1	1.4	0	0.0	1	5.4				
75-79	2	1.6	1.6	0	0.0	1	1.8	1	11.6	0	0.0				
80-84	2	2.3	2.3	0	0.0	1	2.3	1	19.2	0	0.0				
85+	2	2.6	2.6	0	0.0	0	0.0	1	25.2	1	9.3				

<sup>1</sup>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 <sup>1</sup> BY RACE <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1950-2010**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1950	3,004	36.4	29.2	1,475	29.7	26.8	1,529	46.4	44.5
1951	3,071	36.6	28.4	1,508	29.5	25.8	1,563	47.7	44.8
1952	3,045	36.7	28.4	1,417	27.8	25.5	1,628	51.2	47.0
1953	2,798	33.9	27.8	1,343	26.5	25.0	1,455	45.7	44.7
1954	2,769	33.6	26.6	1,333	26.2	23.9	1,436	45.3	42.9
1955	2,623	32.0	26.4	1,223	24.6	23.6	1,400	43.7	42.8
1956	2,617	31.1	26.0	1,214	23.6	23.2	1,403	43.0	42.1
1957	2,700	32.1	26.3	1,271	24.5	23.3	1,429	44.5	43.7
1958	2,930	35.6	27.1	1,355	26.4	23.8	1,575	51.1	45.7
1959	2,626	31.9	26.4	1,199	23.5	23.2	1,427	45.6	44.0
1960	2,603	32.2	26.0	1,258	24.7	22.9	1,345	44.7	43.2
1961	2,515	31.2	25.3	1,198	23.6	22.4	1,317	43.8	40.7
1962	2,409	30.6	25.3	1,122	22.7	22.3	1,287	44.0	41.4
1963	2,453	32.3	25.2	1,172	24.5	22.2	1,281	45.4	41.5
1964	2,370	31.0	24.8	1,123	23.2	21.6	1,247	44.4	41.1
1965	2,165	30.7	24.7	1,031	23.1	21.5	1,134	43.8	40.3
1966	1,943	29.2	23.7	974	22.7	20.6	969	41.1	38.8
1967	1,731	26.8	22.4	856	20.5	19.7	875	38.2	35.9
1968	1,701	26.8	21.8	878	20.9	19.2	823	38.3	34.5
1969	1,692	26.1	20.9	889	20.4	18.4	803	37.9	32.9
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	6.8	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	6.5 <sup>3</sup>	324	7.6	5.5 <sup>3</sup>	288	13.4	10.1
2009	513	8.2	6.4 <sup>3</sup>	254	6.1	5.3 <sup>3</sup>	259	12.6	-- <sup>4</sup>
2010	522	8.7	-- <sup>4</sup>	265	6.6	-- <sup>4</sup>	257	13.0	-- <sup>4</sup>

<sup>1</sup>Rate is per 1,000 live births in specified group.

<sup>2</sup> For 1945-1989 infant deaths are based on race of the decedent and live births are based on the race of the child. Since 1990 infant deaths are based on race of the decedent and live births are based on the race of the mother. See formula in Appendix B.

<sup>3</sup> Provisional data.

<sup>4</sup> Not available.

**TABLE 61**  
**NEONATAL DEATHS AND NEONATAL MORTALITY RATES <sup>1</sup> BY RACE <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1950-2010**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1950	2,050	24.8	20.5	1,085	21.9	19.4	965	29.3	27.5
1951	2,086	24.9	20.0	1,107	21.7	18.9	979	29.9	27.3
1952	2,029	24.6	19.8	1,046	20.5	18.5	983	30.9	28.0
1953	1,944	23.6	19.6	1,023	20.2	18.3	921	28.9	27.4
1954	1,918	23.2	19.1	990	19.5	17.8	928	29.3	27.0
1955	1,818	22.2	19.1	931	18.7	17.7	887	27.7	27.2
1956	1,768	21.0	18.9	934	18.2	17.5	834	25.6	27.0
1957	1,872	22.3	19.1	963	18.6	17.5	909	28.3	27.8
1958	1,928	23.4	19.5	993	19.3	17.8	935	30.3	29.0
1959	1,754	21.3	19.0	885	17.3	17.5	869	27.8	27.7
1960	1,672	20.6	18.7	939	18.5	17.2	733	24.3	26.9
1961	1,686	20.9	18.4	908	17.9	16.9	778	25.9	26.2
1962	1,610	20.5	18.3	877	17.8	16.9	733	25.0	26.1
1963	1,626	21.4	18.2	878	18.4	16.7	748	26.5	26.1
1964	1,577	20.6	17.9	846	17.5	16.2	731	26.0	26.5
1965	1,392	19.7	17.7	772	17.3	16.1	620	23.9	25.4
1966	1,292	19.4	17.2	718	16.7	15.6	574	24.4	24.8
1967	1,162	18.0	16.5	647	15.5	15.0	515	22.5	23.8
1968	1,201	18.9	16.1	690	16.4	14.7	511	23.8	23.0
1969	1,170	18.1	15.6	663	15.2	14.2	507	23.9	22.5
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	7.5
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	6.9
2008	378	5.9	— <sup>3</sup>	200	4.7	— <sup>3</sup>	178	8.3	— <sup>3</sup>
2009	313	5.9	— <sup>3</sup>	149	3.6	— <sup>3</sup>	164	8.0	— <sup>3</sup>
2010	325	5.4	— <sup>3</sup>	157	3.9	— <sup>3</sup>	168	8.5	— <sup>3</sup>

<sup>1</sup> Rate is per 1,000 live births in specified group.

<sup>2</sup> For 1945-1989 infant deaths are based on race of the decedent and live births are based on the race of the child. Since 1990 infant deaths are based on race of the decedent and live births are based on the race of the mother. See formula in Appendix B.

<sup>3</sup> Not available.

**TABLE 62**  
**POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES <sup>1</sup> BY RACE <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1950-2010**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S RATE	ALABAMA		U.S RATE	ALABAMA		U.S RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1950	954	11.6	8.7	390	7.9	7.4	564	17.1	17.0
1951	985	11.7	8.4	401	7.8	6.9	584	17.8	17.5
1952	1,016	12.3	8.6	371	7.3	7.0	645	20.3	19.0
1953	854	10.3	8.2	320	6.3	6.7	534	16.8	17.3
1954	851	10.3	7.5	343	6.7	6.1	508	16.0	15.9
1955	805	9.8	7.3	292	5.9	5.9	513	16.0	15.6
1956	849	10.1	7.1	280	5.4	5.7	569	17.4	15.1
1957	828	9.9	7.2	308	5.9	5.8	520	16.2	15.9
1958	1,002	12.2	7.6	362	7.0	6.0	640	20.8	16.7
1959	872	10.6	7.4	314	6.1	5.7	558	17.9	16.3
1960	931	11.5	7.3	319	6.3	5.7	612	20.3	16.3
1961	829	10.3	6.9	290	5.7	5.5	539	17.9	14.5
1962	799	10.2	7.0	245	5.0	5.4	554	18.9	15.3
1963	827	10.9	7.0	294	6.2	5.5	533	18.9	15.4
1964	793	10.4	6.9	277	5.7	5.4	516	18.4	14.6
1965	773	11.0	7.0	259	5.8	5.4	514	19.8	14.9
1966	651	9.8	6.5	256	6.0	5.0	395	16.8	14.0
1967	569	8.8	5.9	209	5.0	4.7	360	15.7	12.1
1968	500	7.9	5.7	188	4.5	4.5	312	14.5	11.5
1969	522	8.1	5.3	226	5.2	4.2	296	14.0	10.4
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	— <sup>3</sup>	124	2.9	— <sup>3</sup>	110	5.1	— <sup>3</sup>
2009	200	3.2	— <sup>3</sup>	105	2.5	— <sup>3</sup>	95	4.6	— <sup>3</sup>
2010	197	3.3	— <sup>3</sup>	108	2.7	— <sup>3</sup>	89	4.5	— <sup>3</sup>

<sup>1</sup>Rate is per 1,000 live births in specified group.

<sup>2</sup> For 1945-1989 infant deaths are based on race of the decedent and live births are based on the race of the child. Since 1990 infant deaths are based on race of the decedent and live births are based on the race of the mother. See formula in Appendix B.

<sup>3</sup> Not available.

**TABLE 63  
 INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>  
 BY COUNTY OF RESIDENCE AND RACE  
 ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	522	8.7	265	6.6	257	13.0
Autauga	5	7.6	3	6.0	2	13.2
Baldwin	9	4.2	8	4.3	1	3.4
Barbour	4	12.3	3	18.9	1	6.1
Bibb	3	12.6	2	10.8	1	18.9
Blount	5	7.1	5	7.3	0	0.0
Bullock	6	34.7	0	0.0	6	51.7
Butler	1	3.6	1	7.4	0	0.0
Calhoun	14	10.6	7	7.2	7	20.4
Chambers	3	7.7	2	9.1	1	5.8
Cherokee	2	9.7	2	10.4	0	0.0
Chilton	5	8.7	3	6.1	2	25.0
Choctaw	1	7.2	0	0.0	1	16.7
Clarke	3	11.8	0	0.0	3	21.4
Clay	3	22.1	2	18.5	1	35.7
Cleburne	0	0.0	0	0.0	0	0.0
Coffee	5	7.2	5	9.1	0	0.0
Colbert	3	4.8	3	5.9	0	0.0
Conecuh	1	5.8	1	11.9	0	0.0
Coosa	1	11.6	1	18.2	0	0.0
Covington	4	9.5	2	5.5	2	34.5
Crenshaw	2	10.5	0	0.0	2	35.1
Cullman	6	6.1	5	5.2	1	50.0
Dale	2	2.9	1	1.8	1	6.9
Dallas	4	6.5	0	0.0	4	8.2
DeKalb	2	2.1	2	2.2	0	0.0
Elmore	8	8.4	5	6.8	3	13.6
Escambia	5	9.9	1	3.3	4	20.2
Etowah	12	9.7	9	8.8	3	14.1
Fayette	1	5.1	1	6.1	0	0.0
Franklin	1	2.0	1	2.1	0	0.0
Geneva	0	0.0	0	0.0	0	0.0
Greene	4	32.0	1	62.5	3	27.5
Hale	2	10.3	1	13.7	1	8.2
Henry	1	6.2	0	0.0	1	19.6
Houston	7	5.2	3	3.4	4	8.5
Jackson	8	14.4	8	15.5	0	0.0
Jefferson	103	11.6	32	7.1	71	16.3
Lamar	0	0.0	0	0.0	0	0.0
Lauderdale	11	11.6	7	8.6	4	29.6
Lawrence	2	6.1	2	7.2	0	0.0
Lee	10	5.9	4	3.4	6	12.1
Limestone	7	7.0	6	7.0	1	7.2
Lowndes	3	17.5	0	0.0	3	22.6
Macon	0	0.0	0	0.0	0	0.0
Madison	28	6.7	15	5.4	13	9.3
Marengo	2	8.8	1	10.4	1	7.6
Marion	6	19.8	6	20.6	0	0.0
Marshall	20	15.1	19	17.1	1	4.5
Mobile	43	7.5	14	4.4	29	11.5
Monroe	5	18.9	1	8.4	4	27.6
Montgomery	31	10.1	4	3.7	27	13.5
Morgan	7	4.7	6	4.7	1	4.4
Perry	1	8.0	0	0.0	1	9.2
Pickens	4	18.4	0	0.0	4	36.0
Pike	4	10.1	2	10.2	2	10.1
Randolph	3	13.2	3	17.2	0	0.0
Russell	9	11.3	4	8.4	5	15.5
St. Clair	7	6.2	7	6.8	0	0.0
Shelby	16	6.4	11	5.2	5	12.9
Sumter	2	15.5	0	0.0	2	19.6
Talladega	7	8.2	5	9.2	2	6.3
Tallapoosa	4	8.3	3	9.4	1	6.1
Tuscaloosa	30	12.1	15	10.4	15	14.5
Walker	8	9.4	6	7.6	2	33.9
Washington	2	11.6	0	0.0	2	33.3
Wilcox	0	0.0	0	0.0	0	0.0
Winston	4	15.4	4	15.5	0	0.0

<sup>1</sup> Rate is per 1,000 live births. Deaths are by race of the decedent and births are by race of the mother. 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.

**TABLE 64**  
**INFANT DEATHS AND INFANT MORTALITY RATES<sup>1</sup>**  
**BY RACE AND AGE AT DEATH**  
**ALABAMA, 2010**

AGE AT DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	522	8.7	265	6.6	257	13.0
UNDER 1 DAY	172	2.9	83	2.1	89	4.5
1 DAY-6 DAYS	66	1.1	35	0.9	31	1.6
7 DAYS- 27 DAYS	87	1.5	39	1.0	48	2.4
28 DAYS - 364 DAYS	197	3.3	108	2.7	89	4.5

<sup>1</sup> Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and births are by race of the mother. See formula in Appendix B. Use caution with rates derived from small numbers.

**TABLE 65**  
**INFANT DEATHS AND INFANT MORTALITY RATES<sup>1</sup>**  
**BY LIVE BIRTH ORDER**  
**ALABAMA, 2010**

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
TOTAL	59,979	522	8.7
FIRST	24,838	213	8.6
SECOND	19,398	148	7.6
THIRD	9,810	82	8.4
FOURTH	3,748	36	9.6
FIFTH	1,265	24	19.0
SIXTH	485	7	14.4
SEVENTH & ABOVE	405	5	12.3
NOT STATED	30	7	

<sup>1</sup> Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and births are by race of the mother. See formula in Appendix B. Use caution with rates derived from small numbers.



**TABLE 66**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE OF INFANT AND CAUSE OF DEATH**  
**ALABAMA, 2010**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>ALL CAUSES</b>	522	8.7	265	6.6	257	13.0
Certain infectious and parasitic diseases	18	30.0	10	24.9	8	40.4
Septicemia	8	13.3	3	7.5	5	25.3
Viral diseases	0	0.0	0	0.0	0	0.0
Other and unspecified infectious and parasitic diseases	10	16.7	7	17.4	3	15.2
Neoplasms	2	3.3	1	2.5	1	5.1
Malignant neoplasms	0	0.0	0	0.0	0	0.0
in situ neoplasms, benign neoplasms and uncertain or unknown neoplasms	2	3.3	1	2.5	1	5.1
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	2	3.3	1	2.5	1	5.1
Short stature, not elsewhere classified	0	0.0	0	0.0	0	0.0
Nutritional deficiencies	0	0.0	0	0.0	0	0.0
Cystic fibrosis	0	0.0	0	0.0	0	0.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	1	1.7	0	0.0	1	5.1
Other endocrine, nutritional and metabolic diseases	1	1.7	1	2.5	0	0.0
Diseases of the nervous system	6	10.0	4	10.0	2	10.1
Meningitis	0	0.0	0	0.0	0	0.0
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	0	0.0	0	0.0	0	0.0
Other diseases of the nervous system	6	10.0	4	10.0	2	10.1
Diseases of the ear and mastoid process	0	0.0	0	0.0	0	0.0
Diseases of the circulatory system	16	26.7	9	22.4	7	35.4
Pulmonary heart disease and diseases of pulmonary circulation	4	6.7	2	5.0	2	10.1
Cardiomyopathy	0	0.0	0	0.0	0	0.0
Cardiac arrest	7	11.7	4	10.0	3	15.2
Cerebrovascular diseases	5	8.3	3	7.5	2	10.1
Other diseases of the circulatory system	0	0.0	0	0.0	0	0.0
Diseases of the respiratory system	22	36.7	4	10.0	18	91.0
Acute upper respiratory infections	0	0.0	0	0.0	0	0.0
Influenza and pneumonia	5	8.3	0	0.0	5	25.3
Acute bronchitis and acute bronchiolitis	4	6.7	2	5.0	2	10.1
Bronchitis, chronic and unspecified	2	3.3	0	0.0	2	10.1
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	11	18.3	2	5.0	9	45.5
Diseases of the digestive system	3	5.0	2	5.0	1	5.1
Gastritis, duodenitis, and noninfective enteritis and colitis	1	1.7	1	2.5	0	0.0
Hernia of abdominal cavity and intestinal obstruction without hernia	2	3.3	1	2.5	1	5.1
Other and unspecified diseases of the digestive system	0	0.0	0	0.0	0	0.0
Diseases of the genitourinary system	2	3.3	0	0.0	2	10.1
Renal failure and other disorders of the kidney	2	3.3	0	0.0	2	10.1
Other and unspecified diseases of the genitourinary system	0	0.0	0	0.0	0	0.0

<sup>1</sup>Total rates are per 1,000 live births and cause-specific rates are per 100,000 live births. See formula in Appendix B. Use caution with rates derived from small numbers.

**TABLE 66**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE OF INFANT AND CAUSE OF DEATH**  
**ALABAMA, 2010**

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
	522	8.7		265	6.6		257	13.0	
<b>ALL CAUSES</b>	522	8.7		265	6.6		257	13.0	
Certain conditions originating in the perinatal period	246	410.1		111	276.2		135	682.3	
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	47	78.4		21	52.2		26	131.4	
Newborn affected by maternal hypertensive disorders	1	1.7		0	0.0		1	5.1	
Newborn affected by other maternal conditions which may be unrelated to present pregnancy	1	1.7		0	0.0		1	5.1	
Newborn affected by maternal complications of pregnancy	20	33.3		9	22.4		11	55.6	
Newborn affected by incompetent cervix	4	6.7		1	2.5		3	15.2	
Newborn affected by premature rupture of membranes	11	18.3		6	14.9		5	25.3	
Newborn affected by multiple pregnancy	2	3.3		2	5.0		0	0.0	
Newborn affected by other maternal complications of pregnancy	3	5.0		0	0.0		3	15.2	
Newborn affected by complications of placenta, cord and membranes	20	33.3		11	27.4		9	45.5	
Newborn affected by complications involving placenta	13	21.7		9	22.4		4	20.2	
Newborn affected by complications involving cord	0	0.0		0	0.0		0	0.0	
Newborn affected by chorioamnionitis	7	11.7		2	5.0		5	25.3	
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	5	8.3		1	2.5		4	20.2	
Newborn affected by noxious influences transmitted by placenta or breastmilk	0	0.0		0	0.0		0	0.0	
Disorders related to length of gestation and fetal malnutrition	73	121.7		31	77.1		42	212.3	
Slow growth and fetal malnutrition	0	0.0		0	0.0		0	0.0	
Disorders related to short gestation and low birth weight, not elsewhere classified	73	121.7		31	77.1		42	212.3	
Extremely low birth weight or extreme immaturity	61	101.7		24	59.7		37	187.0	
Other low birth weight or preterm	12	20.0		7	17.4		5	25.3	
Disorders related to long gestation and high birthweight	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	8	13.3		6	14.9		2	10.1	
Intrauterine hypoxia	6	10.0		5	12.4		1	5.1	
Birth asphyxia	2	3.3		1	2.5		1	5.1	
Respiratory distress of newborn	15	25.0		4	10.0		11	55.6	
Other respiratory conditions originating in the perinatal period	25	41.7		10	24.9		15	75.8	
Congenital pneumonia	1	1.7		1	2.5		0	0.0	
Neonatal aspiration syndromes	1	1.7		0	0.0		1	5.1	
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	8	13.3		4	10.0		4	20.2	
Chronic respiratory disease originating in the perinatal period	4	6.7		2	5.0		2	10.1	
Atelectasis	9	15.0		2	5.0		7	35.4	
Infections specific to the perinatal period	2	3.3		1	2.5		1	5.1	
Other respiratory conditions originating in the perinatal period	17	28.3		11	27.4		6	30.3	
Bacterial sepsis of newborn	13	21.7		9	22.4		4	20.2	
Other infections specific to the perinatal period	4	6.7		2	5.0		2	10.1	
Hemorrhagic and hematological disorders of newborn	21	35.0		12	29.9		9	45.5	
Neonatal hemorrhage	18	30.0		10	24.9		8	40.4	
Hemorrhagic disease of newborn	0	0.0		0	0.0		0	0.0	
Hemolytic disease of newborn	0	0.0		0	0.0		0	0.0	
Hematological disorders	3	5.0		2	5.0		1	5.1	

<sup>1</sup>Total rates are per 1,000 live births and cause-specific rates are per 100,000 live births. See formula in Appendix B. Use caution with rates derived from small numbers.

**TABLE 66**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE OF INFANT AND CAUSE OF DEATH**  
**ALABAMA, 2010**

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
	522	8.7		265	6.6		257	13.0	
<b>ALL CAUSES</b>	522	8.7		265	6.6		257	13.0	
Neonatal diabetes mellitus and syndrome of infant of diabetic mother	0	0.0		0	0.0		0	0.0	
Necrotizing enterocolitis of newborn	17	28.3		6	14.9		11	55.6	
Hydrops fetalis not due to hemolytic disease	2	3.3		0	0.0		2	10.1	
Other perinatal conditions	21	35.0		10	24.9		11	55.6	
Congenital malformations, deformations and chromosomal abnormalities	96	160.1		63	156.7		33	166.8	
Anencephaly and similar malformations	5	8.3		3	7.5		2	10.1	
Congenital hydrocephalus	2	3.3		2	5.0		0	0.0	
Spina bifida	0	0.0		0	0.0		0	0.0	
Other congenital malformations of the nervous system	8	13.3		5	12.4		3	15.2	
Congenital malformations of the heart	17	28.3		11	27.4		6	30.3	
Other congenital malformations of the circulatory system	1	1.7		1	2.5		0	0.0	
Congenital malformations of the respiratory system	8	13.3		6	14.9		2	10.1	
Congenital malformations of the digestive system	1	1.7		0	0.0		1	5.1	
Congenital malformations of the genitourinary system	10	16.7		6	14.9		4	20.2	
Congenital malformations and deformations of musculoskeletal system, limbs and integument	15	25.0		8	19.9		7	35.4	
Down's syndrome	1	1.7		1	2.5		0	0.0	
Edward's syndrome	10	16.7		8	19.9		2	10.1	
Patau's syndrome	8	13.3		5	12.4		3	15.2	
Other congenital malformations and deformations	5	8.3		4	10.0		1	5.1	
Other chromosomal abnormalities, not elsewhere classified	5	8.3		4	10.0		1	5.1	
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	77	128.4		42	104.5		35	176.9	
Sudden infant death syndrome	44	73.4		23	57.2		21	106.1	
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	33	55.0		19	47.3		14	70.8	
All other diseases (residual of A00-R99)	0	0.0		0	0.0		0	0.0	
External causes of mortality	32	53.4		18	44.8		14	70.8	
Accidents	25	41.7		13	32.3		12	60.6	
Motor vehicle accidents	4	6.7		2	5.0		2	10.1	
Falls	1	1.7		0	0.0		1	5.1	
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	5	8.3		4	10.0		1	5.1	
Other accidental suffocation and strangulation	8	13.3		5	12.4		3	15.2	
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	2	3.3		1	2.5		1	5.1	
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	1	1.7		0	0.0		1	5.1	
Other and unspecified accidents and their sequelae	4	6.7		1	2.5		3	15.2	
Homicide (assault)	7	11.7		5	12.4		2	10.1	
Homicide by hanging, strangulation and suffocation	0	0.0		0	0.0		0	0.0	
Homicide by discharge of firearms	2	3.3		2	5.0		0	0.0	
Neglect, abandonment and other maltreatment syndromes	0	0.0		0	0.0		0	0.0	
Homicide by other and unspecified means	5	8.3		3	7.5		2	10.1	
Complications of medical and surgical care	0	0.0		0	0.0		0	0.0	
Other external causes	0	0.0		0	0.0		0	0.0	

<sup>1</sup>Total rates are per 1,000 live births and cause-specific rates are per 100,000 live births. See formula in Appendix B. Use caution with rates derived from small numbers.

**TABLE 67**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE OF INFANT AND AGE OF MOTHER**  
**ALABAMA, 2010**

AGE OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	522	8.7	265	6.6	257	13.0
<b>UNDER 15</b>	1	9.1	0	0.0	1	13.7
<b>15-17</b>	17	7.7	7	6.0	10	9.5
<b>18-19</b>	42	8.2	15	5.0	27	12.7
<b>20-24</b>	163	9.2	76	6.9	87	13.0
<b>25-29</b>	158	8.9	87	7.0	71	13.6
<b>30-34</b>	94	8.1	58	6.8	36	11.9
<b>35-39</b>	40	8.7	19	5.8	21	16.3
<b>40+</b>	7	7.0	3	4.3	4	12.9
<b>NOT STATED</b>	0	—	0	—	0	—

<sup>1</sup> Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and births are by race of the mother. See formula in Appendix B. Use caution with rates derived from small numbers.

**TABLE 68**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY WEIGHT AT BIRTH AND RACE OF INFANT**  
**ALABAMA, 2010**

BIRTH WEIGHT IN GRAMS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	522	8.7	265	6.6	257	13.0
<b>0-499 GRAMS</b>	110	887.1	36	900.0	74	881.0
<b>500-999 GRAMS</b>	130	268.6	63	294.4	67	248.1
<b>1000-1499 GRAMS</b>	32	54.2	20	63.1	12	44.0
<b>1500-1999 GRAMS</b>	44	36.9	20	31.6	24	43.0
<b>2000-2499 GRAMS</b>	39	10.3	24	11.5	15	8.8
<b>2500-4499 GRAMS</b>	161	3.0	99	2.7	62	3.7
<b>4500 PLUS GRAMS</b>	1	2.1	0	0.0	1	11.9
<b>NOT STATED</b>	5	—	3	—	2	—

<sup>1</sup> Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and births are by race of the mother. See formula in Appendix B. Use caution with rates derived from small numbers or based on small birth totals.

**TABLE 69**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE, SEX AND PLURALITY AT BIRTH**  
**ALABAMA, 2010**

PLURALITY AT BIRTH	TOTAL		WHITE MALE		WHITE FEMALE		BLACK AND OTHER MALE		BLACK AND OTHER FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	522	8.7	144	7.0	121	6.2	142	13.9	115	12.0
<b>SINGLE</b>	447	7.7	124	6.3	106	5.6	121	12.3	96	10.4
<b>MULTIPLE</b>	75	34.1	20	26.4	15	21.8	21	53.8	19	52.1
<b>TWINS</b>	62	29.3	16	22.0	9	13.8	21	55.1	16	45.3
<b>TRIPLETS OR HIGHER ORDER</b>	13	147.7	4	129.0	6	166.7	0	0.0	3	250.0

<sup>1</sup> Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and births are by race of the mother. 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.

**TABLE 70**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup> BY PRENATAL CARE**  
**AS DETERMINED BY ADEQUACY OF CARE UTILIZATION INDEX <sup>2</sup>**  
**ALABAMA, 2010**

	ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE
<b>TOTAL</b>	235	115	55	87
<b>RATE</b>	12.6	4.7	6.8	10.9
<b>WHITE</b>	114	68	36	36
<b>RATE</b>	9.0	4.0	6.6	8.1
<b>BLACK AND OTHER</b>	121	47	19	51
<b>RATE</b>	20.1	6.3	7.3	14.7

<sup>1</sup> Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and births are by race of the mother. See formula in Appendix B. Use caution with rates derived from small numbers or based on small birth totals.

<sup>2</sup> Rates include only those births where the Adequacy of Prenatal Care Utilization Index (see Appendix B) value was known.

**TABLE 71**  
**MARRIAGES AND MARRIAGE RATES <sup>1</sup>**  
**BY RACE OF GROOM**  
**ALABAMA AND UNITED STATES<sup>2</sup>, 1950-2010**

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. RATE	ALABAMA		ALABAMA	
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
1950	22,823	7.4	11.1	15,226	7.3	7,597	7.7
1951	21,427	6.9	10.4	13,907	6.6	7,520	7.6
1952	20,391	6.6	9.9	13,365	6.3	7,026	7.2
1953	19,969	6.4	9.8	12,981	6.0	6,988	7.1
1954	19,554	6.2	9.2	12,957	6.0	6,597	6.7
1955	19,791	6.2	9.3	12,829	5.9	6,962	7.1
1956	20,779	6.5	9.5	13,677	6.2	7,102	7.2
1957	19,868	6.2	8.9	13,247	5.9	6,621	6.7
1958	24,506	7.6	8.4	17,506	7.8	7,000	7.1
1959	30,722	9.4	8.5	22,708	10.0	8,014	8.2
1960	31,910	9.7	8.5	24,093	10.5	7,817	8.0
1961	32,723	9.9	8.5	24,825	10.7	7,898	8.1
1962	33,611	10.2	8.5	25,743	11.0	7,868	8.1
1963	35,551	10.7	8.8	27,679	11.7	7,872	8.2
1964	37,239	11.1	9.0	29,220	12.2	8,019	8.4
1965	40,355	12.0	9.3	31,922	13.2	8,433	8.9
1966	41,732	12.4	9.5	32,114	13.6	8,618	9.2
1967	42,442	12.5	9.7	33,989	13.8	8,453	9.1
1968	44,598	13.1	10.4	35,564	14.3	9,034	9.9
1969	46,422	13.5	10.6	37,182	14.8	9,240	10.0
1970	46,959	13.6	10.6	37,650	9.0	9,309	10.2
1971	48,276	13.8	10.6	38,617	15.0	9,659	10.7
1972	49,764	14.0	10.9	39,582	15.2	10,182	10.9
1973	47,997	13.4	10.8	38,144	14.4	9,853	10.1
1974	46,811	12.9	10.5	37,417	14.0	9,394	9.8
1975	45,349	12.3	10.0	36,802	13.6	8,547	8.8
1976	46,515	12.5	9.9	37,790	13.8	8,725	8.9
1977	45,689	12.1	9.9	36,917	13.3	8,772	8.9
1978	47,720	12.5	10.3	38,589	13.7	9,131	9.1
1979	48,743	12.6	10.4	39,240	13.8	9,503	9.4
1980	49,018	12.6	10.6	39,763	13.8	9,255	9.0
1981	48,710	12.3	10.6	39,868	13.7	8,842	8.6
1982	47,431	11.9	10.6	38,969	13.2	8,462	8.0
1983	47,469	11.6	10.5	38,800	12.8	8,669	8.2
1984	47,541	11.5	10.5	38,482	12.6	9,059	8.5
1985	46,082	11.1	10.1	37,211	12.0	8,871	8.3
1986	45,778	11.2	10.0	36,437	12.1	9,341	8.7
1987	44,820	10.8	9.9	35,690	11.7	9,130	8.4
1988	44,552	10.6	9.7	35,515	11.5	9,037	8.2
1989	43,158	10.2	9.7	34,631	11.1	8,527	7.6
1990	43,050	10.7	9.8	34,861	11.7	8,189	7.7
1991	41,772	10.2	9.4	33,480	11.2	8,292	7.7
1992	41,326	10.2	9.3	32,842	10.9	8,484	7.9
1993	40,156	9.8	9.0	31,746	10.5	8,410	7.8
1994	40,201	9.8	9.1	31,607	10.5	8,594	8.0
1995	42,234	10.3	8.9	32,707	10.8	9,527	8.8
1996	47,729	11.6	8.8	36,580	12.0	11,149	10.2
1997	47,926	11.6	8.9	36,207	11.9	11,719	10.7
1998	47,183	11.4	8.4	35,904	11.8	11,279	10.2
1999	49,375	11.8	8.6	36,879	12.1	12,496	11.3
2000	47,087	10.6	8.5	35,259	11.1	11,828	9.2
2001	45,052	10.0	8.4	33,799	10.6	11,253	8.6
2002	44,158	9.8	7.8	32,977	10.3	11,181	8.4
2003	43,139	9.6	7.7	32,231	10.0	10,908	8.5
2004	42,537	9.4	7.8	32,193	10.0	10,344	8.0
2005	41,962	9.2	7.6	31,310	9.6	10,652	8.2
2006	42,386	9.2	7.3	31,819	9.7	10,567	8.0
2007	41,622	9.0	7.3	31,558	9.6	10,064	7.5
2008	40,638	8.7	7.3	30,899	9.3	9,739	7.2
2009	39,278	8.3	6.9	29,704	8.9	9,574	7.0
2010	39,382	8.2	N/A	29,587	9.0	9,795	6.5

<sup>1</sup> Rate is per 1,000 population. See formula in Appendix B.

<sup>2</sup> After 1990, NCHS method for obtaining marriage data changed so data may not be comparable to earlier years.

**TABLE 72**  
**MARRIAGES AND MARRIAGE RATES <sup>1</sup>**  
**BY RACE OF GROOM AND COUNTY OF OCCURRENCE**  
**ALABAMA, 2010**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	39,382	8.2	29,587	9.0	9,795	6.5
Autauga	341	6.2	280	6.5	61	5.2
Baldwin	2,716	14.9	2,474	15.8	242	9.3
Barbour	228	8.3	127	9.6	101	7.1
Bibb	273	11.9	203	11.7	70	12.6
Blount	421	7.3	414	7.8	7	1.6
Bullock	76	7.0	26	10.4	50	5.9
Butler	184	8.8	103	9.0	81	8.5
Calhoun	899	7.6	713	8.0	186	6.3
Chambers	253	7.4	169	8.4	84	6.0
Cherokee	191	7.3	180	7.5	11	5.8
Chilton	408	9.3	357	9.7	51	7.4
Choctaw	144	10.4	97	12.5	47	7.7
Clarke	148	5.7	92	6.5	56	4.8
Clay	155	11.1	124	10.9	31	12.1
Cleburne	191	12.8	182	12.9	9	10.1
Coffee	496	9.9	405	10.8	91	7.2
Colbert	520	9.6	462	10.6	58	5.5
Conecuh	83	6.3	52	7.7	31	4.8
Coosa	57	4.9	41	5.4	16	4.1
Covington	361	9.6	325	10.1	36	6.3
Crenshaw	110	7.9	81	8.0	29	7.6
Cullman	724	9.0	711	9.3	13	3.0
Dale	470	9.4	370	9.9	100	7.7
Dallas	260	5.9	97	7.6	163	5.2
DeKalb	520	7.3	504	8.4	16	1.5
Eimore	697	8.8	572	9.5	125	6.6
Escambia	493	12.9	353	14.8	140	9.6
Etowah	1,059	10.1	909	10.8	150	7.3
Fayette	197	11.4	167	11.2	30	12.9
Franklin	248	7.8	240	9.1	8	1.5
Geneva	240	9.0	217	9.4	23	6.3
Greene	61	6.7	21	13.3	40	5.4
Hale	150	9.5	79	12.6	71	7.5
Henry	126	7.3	88	7.4	38	7.0
Houston	827	8.1	612	8.6	215	7.1
Jackson	629	11.8	568	11.7	61	12.5
Jefferson	4,766	7.2	2,757	7.9	2,009	6.5
Lamar	158	10.8	131	10.4	27	13.9
Lauderdale	683	7.4	615	7.7	68	5.4
Lawrence	250	7.3	229	8.6	21	2.7
Lee	796	5.7	578	5.8	218	5.4
Limestone	550	6.6	464	7.0	86	5.3
Lowndes	68	6.0	19	6.6	49	5.8
Macon	99	4.6	26	7.8	73	4.0
Madison	2,408	7.2	1,740	7.6	668	6.3
Marengo	132	6.3	78	8.0	54	4.8
Marion	694	22.6	585	20.3	109	54.9
Marshall	829	8.9	806	9.9	23	2.0
Mobile	3,874	9.4	2,635	10.6	1,239	7.5
Monroe	171	7.4	104	8.2	67	6.5
Montgomery	1,483	6.5	666	7.3	817	5.9
Morgan	729	6.1	632	6.6	97	4.0
Perry	81	7.6	31	9.7	50	6.8
Pickens	306	15.5	168	15.1	138	16.0
Pike	236	7.2	152	7.9	84	6.1
Randolph	173	7.6	151	8.6	22	4.1
Russell	763	14.4	457	16.1	306	12.5
St. Clair	670	8.0	609	8.3	61	6.2
Shelby	941	4.8	831	5.1	110	3.3
Sumter	122	8.9	58	17.4	64	6.1
Talladega	652	7.9	467	8.7	185	6.5
Tallapoosa	298	7.2	227	7.8	71	5.7
Tuscaloosa	1,015	5.2	714	5.5	301	4.6
Walker	585	8.7	554	9.1	31	5.3
Washington	618	35.2	462	40.1	156	25.7
Wilcox	69	5.9	28	9.0	41	4.8
Winston	207	8.5	198	8.5	9	8.4

<sup>1</sup>Rate is per 1,000 population. See formula in Appendix B. Use caution with rates derived from small numbers or based on small populations. Rates that apply to population of less than 1,000 are shaded.

**TABLE 73  
MARRIAGES AND MARRIAGE RATES <sup>1</sup>  
BY MONTH OF OCCURRENCE  
ALABAMA, 2010**

MONTH	NUMBER	MONTHLY MARRIAGE RATE
TOTAL	39,382	8.2
JANUARY	1,977	4.9
FEBRUARY	2,809	7.7
MARCH	3,135	7.7
APRIL	3,306	8.4
MAY	4,209	10.4
JUNE	4,072	10.4
JULY	3,953	9.7
AUGUST	3,288	8.1
SEPTEMBER	3,189	8.1
OCTOBER	3,914	9.6
NOVEMBER	2,622	6.7
DECEMBER	2,908	7.2

<sup>1</sup> Rate is per 1,000 population. See formula in Appendix B.

**TABLE 74  
MARRIAGES BY RACE OF BRIDE AND GROOM  
ALABAMA, 2010**

RACE OF GROOM	RACE OF BRIDE				
	TOTAL	WHITE	BLACK	OTHER	NOT STATED
TOTAL	39,382	30,039	8,563	699	81
WHITE	29,497	28,768	331	365	33
BLACK	9,212	934	8,177	78	23
OTHER	583	286	42	253	2
NOT STATED	90	51	13	3	23

**TABLE 75  
MARRIAGES BY PREVIOUS MARITAL STATUS  
ALABAMA, 2010**

GROOM	BRIDE				
	TOTAL	NEVER	WIDOWED	DIVORCED	NOT STATED
TOTAL	39,382	22,204	1,214	15,466	498
NEVER MARRIED	22,381	17,957	159	4,113	152
WIDOWED	1,002	111	339	545	7
DIVORCED	15,533	4,034	704	10,707	88
NOT STATED	466	102	12	101	251



**TABLE 76**  
**MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM**  
**ALABAMA, 2010**

AGE OF GROOM	AGE OF BRIDE													NOT STATED		
	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+	
<b>TOTAL</b>	39,382	3	2,910	9,974	8,265	5,195	3,961	2,948	2,390	1,599	885	627	333	160	124	8
<b>UNDER 15</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1,181	0	815	305	45	9	4	3	0	0	0	0	0	0	0	0
20-24	8,110	1	1,653	5,104	997	239	72	26	9	6	0	1	0	0	0	2
25-29	8,703	1	333	3,300	3,722	945	289	76	31	6	0	0	0	0	0	0
30-34	5,919	1	64	855	2,194	1,842	649	216	76	17	1	1	1	0	0	2
35-39	4,283	0	22	243	850	1,223	1,251	481	156	39	13	2	1	0	0	2
40-44	3,258	0	10	97	269	562	888	875	393	124	30	5	4	0	0	1
45-49	2,698	0	7	32	110	245	490	710	715	292	75	17	4	0	0	1
50-54	1,936	0	3	22	55	80	188	329	540	482	164	58	12	1	2	0
55-59	1,324	0	1	12	12	30	81	146	286	368	259	108	17	3	1	0
60-64	881	0	0	3	6	13	28	55	119	177	205	212	54	6	3	0
65-69	508	0	0	0	2	4	12	20	41	56	75	146	109	31	12	0
70-74	274	0	0	0	1	2	5	9	13	23	35	48	75	41	22	0
75+	298	0	0	0	2	0	1	2	10	8	28	29	56	78	84	0
<b>NOT STATED</b>	9	0	2	1	0	1	3	0	1	1	0	0	0	0	0	0

**TABLE 77**  
**DIVORCES AND DIVORCE RATES <sup>1</sup>**  
**ALABAMA AND UNITED STATES<sup>2</sup>, 1950-2010**

YEAR	NUMBER	ALABAMA RATE	U.S. RATE
1950	8,454	2.8	2.6
1951	8,908	2.9	2.5
1952	9,163	2.9	2.5
1953	9,673	3.1	2.5
1954	9,357	3.0	2.4
1955	10,058	3.2	2.3
1956	10,783	3.4	2.3
1957	11,375	3.5	2.2
1958	12,431	3.8	2.1
1959	15,222	4.7	2.2
1960	17,349	5.3	2.2
1961	17,754	5.4	2.3
1962	12,343	3.7	2.2
1963	12,601	3.8	2.3
1964	11,119	3.3	2.4
1965	11,036	3.3	2.5
1966	11,256	3.3	2.5
1967	11,964	3.5	2.6
1968	12,918	3.8	2.9
1969	14,146	4.1	3.2
1970	15,109	4.4	3.5
1971	16,905	4.8	3.7
1972	18,958	5.3	4.0
1973	20,399	5.7	4.3
1974	21,123	5.8	4.6
1975	23,001	6.3	4.8
1976	24,056	6.5	5.0
1977	23,757	6.3	5.0
1978	25,059	6.6	5.1
1979	26,549	6.9	5.3
1980	26,745	6.9	5.2
1981	26,791	6.8	5.3
1982	24,910	6.2	5.0
1983	25,190	6.2	4.9
1984	25,413	6.2	5.0
1985	25,012	6.0	5.0
1986	25,356	6.2	4.8
1987	24,532	5.9	4.8
1988	23,827	5.7	4.7
1989	24,985	5.9	4.7
1990	25,678	6.4	4.7
1991	26,545	6.5	4.7
1992	26,944	6.6	4.8
1993	27,126	6.6	4.6
1994	26,259	6.4	4.6
1995	25,813	6.3	4.4
1996	25,704	6.2	4.3
1997	23,851	5.8	4.3
1998	24,980	6.0	4.2
1999	25,280	6.1	4.1
2000	24,630	5.5	4.1
2001	24,159	5.4	4.0
2002	24,059	5.3	4.0
2003	23,205	5.2	4.0
2004	22,405	4.9	3.7
2005	22,430	4.9	3.6
2006	22,867	5.0	3.7
2007	21,255	4.6	3.6
2008	20,311	4.4	3.5
2009	20,757	4.4	3.4
2010	21,238	4.4	N/A

<sup>1</sup> Rate is per 1,000 population. See formula in Appendix B.

<sup>2</sup> After 1990, NCHS method for obtaining divorce data changed so data may not be comparable to earlier years.

**TABLE 78**  
**DIVORCES AND DIVORCE RATES <sup>1</sup>**  
**BY COUNTY OF DECREE**  
**ALABAMA, 2010**

COUNTY	DIVORCES	RATE
<b>TOTAL</b>	<b>21,238</b>	<b>4.4</b>
Autauga	231	4.2
Baldwin	980	5.4
Barbour	69	2.5
Bibb	53	2.3
Blount	258	4.5
Bullock	7	0.6
Butler	83	4.0
Calhoun	682	5.8
Chambers	137	4.0
Cherokee	151	5.8
Chilton	191	4.4
Choctaw	70	5.1
Clarke	106	4.1
Clay	56	4.0
Cleburne	123	8.2
Coffee	233	4.7
Colbert	283	5.2
Conecuh	42	3.2
Coosa	27	2.3
Covington	211	5.6
Crenshaw	62	4.5
Cullman	480	6.0
Dale	567	11.3
Dallas	164	3.7
Dekalb	287	4.0
Elmore	411	5.2
Escambia	166	4.3
Etowah	659	6.3
Fayette	108	6.3
Franklin	175	5.5
Geneva	151	5.6
Greene	3	0.3
Hale	49	3.1
Henry	48	2.8
Houston	510	5.0
Jackson	252	4.7
Jefferson	2,846	4.3
Lamar	69	4.7
Lauderdale	427	4.6
Lawrence	163	4.7
Lee	457	3.3
Limestone	127	1.5
Lowndes	60	5.3
Macon	44	2.1
Madison	1,307	3.9
Marengo	96	4.6
Marion	107	3.5
Marshall	589	6.3
Mobile	1,974	4.8
Monroe	50	2.2
Montgomery	980	4.3
Morgan	608	5.1
Perry	30	2.8
Pickens	50	2.5
Pike	142	4.3
Randolph	120	5.2
Russell	334	6.3
St. Clair	338	4.0
Shelby	690	3.5
Sumter	17	1.2
Talladega	444	5.4
Tallapoosa	182	4.4
Tuscaloosa	344	1.8
Walker	320	4.8
Washington	102	5.8
Wilcox	25	2.1
Winston	111	4.5

<sup>1</sup> Rate is per 1,000 population. See formula in Appendix B. Use caution with rates derived from small numbers.

**TABLE 79**  
**DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE**  
**AND NUMBER OF MINOR CHILDREN <sup>1</sup>**  
**ALABAMA, 2010**

DURATION OF MARRIAGE (IN YEARS)	TOTAL	NUMBER OF MINOR CHILDREN											NOT STATED	
		NONE	1	2	3	4	5	6	7	8	9+			
<b>TOTAL</b>	21,238	12,422	4,251	3,164	867	161	30	10	1	1	0	0	0	331
<b>UNDER <sup>1</sup></b>	976	857	69	29	9	1	1	0	0	0	0	0	0	10
1-4	6,728	4,647	1,393	476	91	11	4	0	0	0	0	0	0	106
5-9	5,566	2,927	1,274	1,002	234	35	5	2	0	0	0	0	0	87
10-14	3,309	1,439	662	846	256	60	5	2	1	1	0	0	0	38
15-19	1,814	674	370	512	170	37	8	2	0	0	1	0	0	40
20-24	1,248	619	293	214	81	16	5	3	0	0	0	0	0	17
25-29	716	528	125	40	12	1	1	1	0	0	0	0	0	8
30-34	328	289	26	3	1	0	0	0	0	0	0	0	0	9
35-39	193	179	3	5	1	0	0	0	0	0	0	0	0	5
40+	132	127	1	2	0	0	0	0	0	0	0	0	0	2
<b>NOT STATED</b>	228	136	35	35	12	0	1	0	0	0	0	0	0	9

<sup>1</sup>Children 18 years of age and under are considered minors in Alabama.

**TABLE 80  
DIVORCES AND ANNULMENTS  
BY PARTY TO WHOM GRANTED  
ALABAMA, 2010**

<b>PARTY TO WHOM DIVORCE GRANTED</b>	<b>TOTAL</b>	<b>DIVORCES</b>	<b>ANNULMENTS</b>
<b>TOTAL</b>	21,238	21,196	42
HUSBAND	2,082	2,075	7
WIFE	3,375	3,368	7
HUSBAND AND WIFE	14,951	14,924	27
NOT STATED	830	829	1

**TABLE 81  
DIVORCES BY RACE OF HUSBAND AND WIFE  
ALABAMA, 2010**

<b>RACE OF HUSBAND</b>	<b>TOTAL</b>	<b>RACE OF WIFE</b>	
		<b>WHITE</b>	<b>BLACK AND OTHER</b>
<b>TOTAL</b>	21,238	16,725	4,513
WHITE	16,543	16,335	208
BLACK AND OTHER	4,695	390	4,305

**TABLE 82  
DIVORCES AND ANNULMENTS  
BY LEGAL GROUNDS FOR DECREE  
ALABAMA, 2010**

<b>LEGAL GROUNDS</b>	<b>TOTAL</b>	<b>DIVORCES</b>	<b>ANNULMENTS</b>
<b>TOTAL</b>	21,238	21,196	42
ABANDONMENT	24	24	0
ADULTERY	101	101	0
BIGAMY	6	4	2
CRUELTY OR VIOLENCE	30	30	0
FRAUD	4	0	4
INCOMPATIBILITY	19,678	19,650	28
IRRETRIEVABLE BREAKDOWN	1,213	1,213	0
ALL OTHER CAUSES	52	47	5
NOT STATED	130	127	3

**TABLE 83  
DIVORCES BY AGE OF HUSBAND AND WIFE  
ALABAMA, 2010**

AGE OF HUSBAND	AGE OF WIFE											NOT STATED		
	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+
<b>TOTAL</b>	154	1,972	3,305	3,462	3,462	2,880	2,400	1,552	781	493	217	76	73	411
<b>UNDER 20</b>	41	21	14	3	2	0	0	0	0	0	0	0	0	1
20-24	1,213	113	875	156	39	4	3	0	1	0	0	0	0	12
25-29	2,774	15	804	1,461	335	36	3	5	0	0	0	0	0	35
30-34	3,340	2	184	1,119	1,418	135	32	7	2	0	2	0	0	47
35-39	3,484	0	54	365	1,062	418	151	36	11	2	0	3	0	55
40-44	3,055	1	14	106	370	1,014	354	112	31	7	0	0	2	38
45-49	2,687	0	9	41	124	807	924	267	70	18	3	0	1	32
50-54	1,870	0	3	17	53	282	575	558	139	44	15	1	0	27
55-59	1,198	0	5	7	15	111	235	372	270	85	16	5	0	23
60-64	653	0	1	5	13	32	69	122	161	169	42	6	2	11
65-69	349	0	1	0	3	18	26	40	61	108	72	8	4	5
70-74	164	0	0	1	2	2	7	13	18	42	34	26	16	2
75+	137	0	0	0	0	1	4	5	8	12	32	26	45	4
<b>NOT STATED</b>	273	2	8	24	26	22	17	15	9	6	1	1	3	119

**TABLE 84**  
**ESTIMATED POPULATION BY COUNTY, RACE AND SEX <sup>1</sup>**  
**ALABAMA, 2010**

TOTAL	WHITE		BLACK & OTHER		TOTAL		TOTAL		
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	WHITE	BLACK & OTHER
	4,779,736	1,605,447	1,669,947	714,741	789,601	2,320,188	2,459,548	3,275,394	1,504,342
Autauga	54,571	21,067	21,788	5,502	6,214	26,569	28,002	42,855	11,716
Baldwin	182,265	76,274	79,879	12,922	13,190	89,196	93,069	156,153	26,112
Barbour	27,457	7,027	6,153	7,549	6,728	14,576	12,881	13,180	14,277
Bibb	22,915	8,934	8,447	3,367	3,367	12,301	10,614	17,381	5,534
Blount	57,322	26,149	26,919	2,213	2,041	28,362	28,960	53,068	4,254
Bullock	10,914	1,554	953	4,358	4,049	5,912	5,002	2,507	8,407
Butler	20,947	5,471	5,928	4,367	5,181	9,838	11,109	11,399	9,548
Calhoun	118,572	43,168	45,672	14,008	15,724	57,176	61,396	88,840	29,732
Chambers	34,215	9,815	10,297	6,548	7,555	16,363	17,852	20,112	14,103
Cherokee	25,989	11,907	12,174	981	927	12,888	13,101	24,081	1,908
Chilton	43,643	18,018	18,695	3,590	3,340	21,608	22,035	36,713	6,930
Choctaw	13,859	3,788	3,943	2,900	3,228	6,688	7,171	7,731	6,128
Clarke	25,833	6,851	7,219	5,363	6,400	12,214	13,619	14,070	11,763
Clay	13,932	5,562	5,818	1,271	1,281	6,833	7,099	11,380	2,552
Cleburne	14,972	6,991	7,088	462	431	7,453	7,519	14,079	893
Coffee	49,948	18,500	18,830	6,184	6,434	24,684	25,264	37,330	12,618
Colbert	54,428	21,170	22,619	4,989	5,650	26,159	28,269	43,789	10,639
Conecuh	13,228	3,428	3,360	2,984	3,456	6,412	6,816	6,788	6,440
Coosa	11,539	3,827	3,821	1,900	1,991	5,727	5,812	7,648	3,891
Covington	37,765	15,553	16,469	2,735	3,008	18,288	19,477	32,022	5,743
Crenshaw	13,906	4,917	5,180	1,797	2,012	6,714	7,192	10,097	3,809
Cullman	80,406	37,463	38,670	2,256	2,017	39,719	40,687	76,133	4,273
Dale	50,251	18,727	18,509	6,098	6,917	24,825	25,426	37,236	13,015
Dallas	43,820	6,076	6,693	14,168	16,883	20,244	23,576	12,769	31,051
DeKalb	71,109	29,472	30,615	5,641	5,381	35,113	35,996	60,087	11,022
Elmore	79,303	29,233	31,222	9,456	9,392	38,689	40,614	60,455	18,848
Escambia	38,319	11,947	11,837	7,819	6,716	19,766	18,553	23,784	14,535
Etowah	104,430	40,760	43,063	9,866	10,741	50,626	53,804	83,823	20,607
Fayette	17,241	7,363	7,547	1,144	1,187	8,507	8,734	14,910	2,331
Franklin	31,704	12,819	13,501	3,009	2,375	15,828	15,876	26,320	5,384
Geneva	26,790	11,340	11,787	1,765	1,898	13,105	13,685	23,127	3,663
Greene	9,045	804	771	3,467	4,003	4,271	4,774	1,575	7,470
Hale	15,760	3,084	3,182	4,382	5,112	7,466	8,294	6,266	9,494
Henry	17,302	5,772	6,093	2,530	2,907	8,302	9,000	11,865	5,437
Houston	101,547	34,497	36,556	14,243	16,251	48,740	52,807	71,053	30,494
Jackson	53,227	23,711	24,637	2,428	2,451	26,139	27,088	48,348	4,879
Jefferson	658,466	168,511	180,655	143,302	165,998	311,813	346,653	349,166	309,300
Lamar	14,564	6,190	6,436	907	1,031	7,097	7,467	12,626	1,938
Lauderdale	92,709	38,444	41,668	5,935	6,662	44,379	48,330	80,112	12,597
Lawrence	34,339	13,085	13,562	3,706	3,986	16,791	17,548	26,647	7,692
Lee	140,247	49,851	50,155	19,275	20,966	69,126	71,121	100,006	40,241
Limestone	82,782	33,305	33,201	8,605	7,671	41,910	40,872	66,506	16,276
Lowndes	11,299	1,445	1,414	3,844	4,596	5,289	6,010	2,859	8,440
Macon	21,452	1,673	1,646	8,153	9,980	9,826	11,626	3,319	18,133
Madison	334,811	113,424	114,856	50,896	55,635	164,320	170,491	228,280	106,531
Marengo	21,027	4,754	4,997	5,159	6,117	9,913	11,114	9,751	11,276
Marion	30,776	14,159	14,632	1,134	851	15,293	15,483	28,791	1,985
Marshall	93,019	39,563	41,901	6,280	5,275	45,843	47,176	81,464	11,555
Mobile	412,992	121,611	127,036	76,763	87,582	198,374	214,618	248,647	164,345
Monroe	23,068	6,235	6,483	4,874	5,476	11,109	11,959	12,718	10,350
Montgomery	229,363	44,326	46,330	64,841	73,866	109,167	120,196	90,656	138,707
Morgan	119,490	46,848	48,556	12,038	12,048	58,886	60,604	95,404	24,086
Perry	10,591	1,586	1,618	3,394	3,993	4,980	5,611	3,204	7,387
Pickens	19,746	5,478	5,632	3,950	4,686	9,428	10,318	11,110	8,636
Pike	32,899	9,338	9,806	6,362	7,393	15,700	17,199	19,144	13,755
Randolph	22,913	8,554	8,978	2,550	2,831	11,104	11,809	17,532	5,381
Russell	52,947	13,918	14,531	11,369	13,129	25,287	27,660	28,449	24,498
St. Clair	83,593	36,559	37,182	5,345	4,507	41,904	41,689	73,741	9,852
Shelby	195,085	79,308	82,635	16,249	16,893	95,557	99,528	161,943	33,142
Sumter	13,763	1,564	1,762	4,697	5,740	6,261	7,502	3,326	10,437
Talladega	82,291	26,286	27,453	13,791	14,761	40,077	42,214	53,739	28,552
Tallapoosa	41,616	14,272	14,815	5,918	6,811	20,190	21,426	29,087	12,529
Tuscaloosa	194,656	63,656	65,348	30,744	34,908	94,400	100,256	129,004	65,652
Walker	67,023	29,727	31,419	2,941	2,936	32,668	34,355	61,146	5,877
Washington	17,581	5,747	5,761	2,909	3,164	8,656	8,925	11,508	6,073
Wilcox	11,670	1,540	1,586	3,978	4,566	5,518	6,152	3,126	8,544
Winston	24,484	11,451	11,958	570	505	12,021	12,463	23,409	1,075

<sup>1</sup>This is an estimated population provided by the US Census Bureau.

**TABLE 85**  
**ESTIMATED POPULATION <sup>1</sup>**  
**BY RACE, SEX, AND AGE GROUP**  
**ALABAMA, 2010**

AGE GROUP	TOTAL POPULATION	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
<b>TOTAL</b>	4,779,736	3,275,394	1,605,447	1,669,947	1,504,342	714,741	789,601
0-4	304,957	182,628	93,486	89,142	122,329	61,779	60,550
5-9	308,229	191,672	98,103	93,569	116,557	59,237	57,320
10-14	319,655	200,250	102,866	97,384	119,405	60,551	58,854
15-19	343,471	212,715	109,077	103,638	130,756	66,074	64,682
20-24	335,322	209,871	105,582	104,289	125,451	61,938	63,513
25-29	311,034	197,739	99,218	98,521	113,295	54,498	58,797
30-34	297,888	192,594	96,583	96,011	105,294	49,841	55,453
35-39	308,430	208,523	104,467	104,056	99,907	46,611	53,296
40-44	311,071	217,326	109,036	108,290	93,745	43,671	50,074
45-49	346,369	246,016	122,732	123,284	100,353	46,371	53,982
50-54	347,485	247,274	122,560	124,714	100,211	46,165	54,046
55-59	311,906	226,613	110,554	116,059	85,293	39,079	46,214
60-64	276,127	212,199	102,451	109,748	63,928	29,152	34,776
65-69	209,637	167,091	79,037	88,054	42,546	18,856	23,690
70-74	160,864	129,350	59,012	70,338	31,514	13,131	18,383
75-79	122,836	99,928	43,310	56,618	22,908	8,617	14,291
80-84	88,771	72,665	28,476	44,189	16,106	5,208	10,898
85+	75,684	60,940	18,897	42,043	14,744	3,962	10,782



# APPENDIX A

## TECHNICAL NOTES

Sources and Completeness of Data

Quality of Data

Residence Data

Population Denominators

Race

Cause of Death

Handling of Unknowns

Data Techniques

Small Number Limitations

## DEFINITIONS



## TECHNICAL NOTES

### Sources and Completeness 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. Birth, death, marriage and divorce certificates and fetal death and induced termination of pregnancy reports 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 hospital, the birth certificate is filed by that institution with the 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 (EBR) system to complete and transmit birth certificates to the CHS. If a birth occurs outside of a facility, the birth certificate is filed by the parent or someone else aware of the facts of birth. Formal testing of completeness of birth has not been done since 1950 when birth registration completeness for births occurring in hospitals was 99.6 percent. Since that time, additional checks have been added to ensure that all births are filed. Also, since the legal requirements for certified copies of births have increased, nearly 100 percent of all births are filed with CHS.

*DEATHS.* Mortality data are obtained from death certificates filed with the 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 physician 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.

*MARRIAGES.* The judge of probate in each county in Alabama issues a marriage license containing information obtained from the parties who intend to be married. After the marriage ceremony has taken place, the person who performs the marriage certifies the fact of marriage and returns the record to the judge of probate who forwards it to the CHS. Marriage data are believed to be nearly 100 percent complete since a license is needed prior to the ceremony being performed.

*DIVORCES.* Divorce certificates are prepared by the petitioner or his or her legal representative and presented to the clerk of a court where divorces are granted. The clerk of the court completes the information certifying the divorce and forwards the certificate to the 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 sent to the 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 physician in attendance 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.

*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 women under 18 years of age as part of the Parental Consent Act. The degree of completeness for these reports is not known. However, if the 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 quite complete since laws and procedures in other states are quite similar to Alabama's. The exception is 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 Alabama resident induced terminations of pregnancy 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. For 2005-2008, Georgia did not send some of the records of events which occurred there for Alabama residents. In addition many of the records received were missing information on a number of characteristics of the events, thus, the large number of unknowns in the tables for 2009. In addition, since unknown race is coded to white, the number of black and other races was understated and the number of whites was overstated. This was especially noticeable in Russell County and other counties of eastern Alabama where a large number of births occurred in Georgia. Information will also be missing for some items from states using the 2003 revision of the birth certificate. This can affect trends from year to year during this period.

## **Quality of Data**

After reports and certificates are received at CHS, they are reviewed for all necessary information and signatures. Records that are incomplete or improperly completed are returned to the provider to be redone. If the information is accurate and consistent, the record is accepted into the official vital record files for Alabama.

Data for 99 percent of the births and fetal deaths are keyed at the hospital into the Electronic Birth Registration system that contains edits and consistency checks, and the information is transmitted to CHS over the internet. Data for deaths, induced terminations of pregnancy, marriages and divorces are coded and keyed into a computer database by CHS staff. Numerous edits and consistency checks are performed on all computer files to insure that the data are as accurate as possible. If data are inconsistent or missing, the provider is queried to try to verify information provided or to obtain the correct data. 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 according to the county where the marriage certificate was issued or the divorce was finalized.

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

## **Population Denominators**

Different population denominators have been used in this publication depending on the year. For 1990, 2000 and 2010, 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 1990's 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 US Census counts and projected forward. Beginning in 2003, US 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 US 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 tabulated by the race of the infant (the decedent) while births, the denominator used for calculating infant mortality rates, are based on the race of the mother. Data for marriages and divorces are shown for both parties to the event.

For processing purposes, ten racial groupings are 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.

Population figures from the 2010 Census show the population for Alabama as 68.5

percent White, 26.2 percent black, 5.3 percent other races. One 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 physician in charge of the 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*<sup>1</sup> (ICD) which provides the essential ground rules for the coding and classification of cause-of-death data. The ICD was developed collaboratively between the World Health Organization (WHO) and ten international centers, one of which is housed at NCHS. The purpose of the ICD is to promote international comparability in the collection, classification, processing and presentation of health statistics. The United States is required to use the ICD under an agreement with WHO that has the force of an international treaty.

Besides being a classification system for the cause of death, the 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 leads directly to death or the circumstances of the accident or violence that produced the fatal injury.

Cause of death data in this publication were coded according to procedures established by the National Center for Health Statistics<sup>2</sup>. Starting with death records for 1999, cause of death data were 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.<sup>3</sup> Certain groups of causes on these lists are used for

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

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

<sup>3</sup>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.

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. For areas smaller than a state or nation, a *condensed list of selected causes* was 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](http://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 and sex. Events with race "unknown" are included with "white" for tabulation purposes. If sex cannot be determined, sex is considered male if the day of the event is odd and female if the day is even.

## 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 items 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.

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 a 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 teenaged populations or the sex-specific rate for prostate cancer. For information on specific calculations, see Appendix B on 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, on 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.



## 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.

**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 is 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. Estimated total fetal losses should be distinguished from the term fetal deaths as used in this publication. While Alabama law defines fetal death to include all gestations (see definition of FETAL DEATH), only fetal deaths of at least 20 weeks in gestation are required to be reported by Alabama law and are the only ones counted as fetal deaths 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 they 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 liveborn infant under one year of age. The term excludes fetal death.

**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 5 pounds and 8 ounces.

**MARRIAGE** - The legal union of a man and a woman which establishes their relationship as husband and wife. See *Code of Alabama* for additional information. Marriage data are reported by the county where the marriage license was issued.

**MATERNAL DEATH** - A death due to complications of pregnancy, labor, delivery, or puerperium (ICD 10 codes: O00-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 live born 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 BIRTH ORDER** - An expression of the numeric relationship of the birth of a child to all deliveries to that mother regardless of the outcome of a pregnancy.

**TOTAL FERTILITY RATE** - An estimate of the average number of children that 1,000 women would bear if the current age-specific birth rates remained constant.

**VERY LOW BIRTH WEIGHT** - A weight at birth of under 1500 grams or under 3 pounds and 5 ounces.

# APPENDIX B

Vital Statistics Formulas

Adequacy of Prenatal Care Utilization Index

Grams Conversion Table



## ALABAMA VITAL STATISTICS FORMULAS

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

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

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

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

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

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

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

$$\text{ESTIMATED PREGNANCIES} = \text{Number of Live Births} + \text{Number of Abortions} + \text{Estimated Total Fetal Losses}$$

(Some states do not consider age groups 10-14 and 45-49 in this computation. Caution should be exercised in comparing TOTAL FERTILITY RATES between states.)

$$\begin{aligned} \text{TOTAL FERTILITY RATE} &= \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 10-14} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 15-19} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 20-24} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 25-29} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 30-34} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 35-39} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 40-44} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) + \\ & \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 45-49} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) \end{aligned}$$

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

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

$$\text{CAUSE-SPECIFIC INFANT MORTALITY RATE} = \frac{\text{Number of Deaths Under 1 Year of Age for Specific Cause}}{\text{Number of Live Births}} \times 100,000$$

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

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

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

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

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

$$\text{ESTIMATED TOTAL FETAL LOSSES} = 20 \text{ Percent of Live Births} + 10 \text{ Percent of Abortions}$$



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

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

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

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

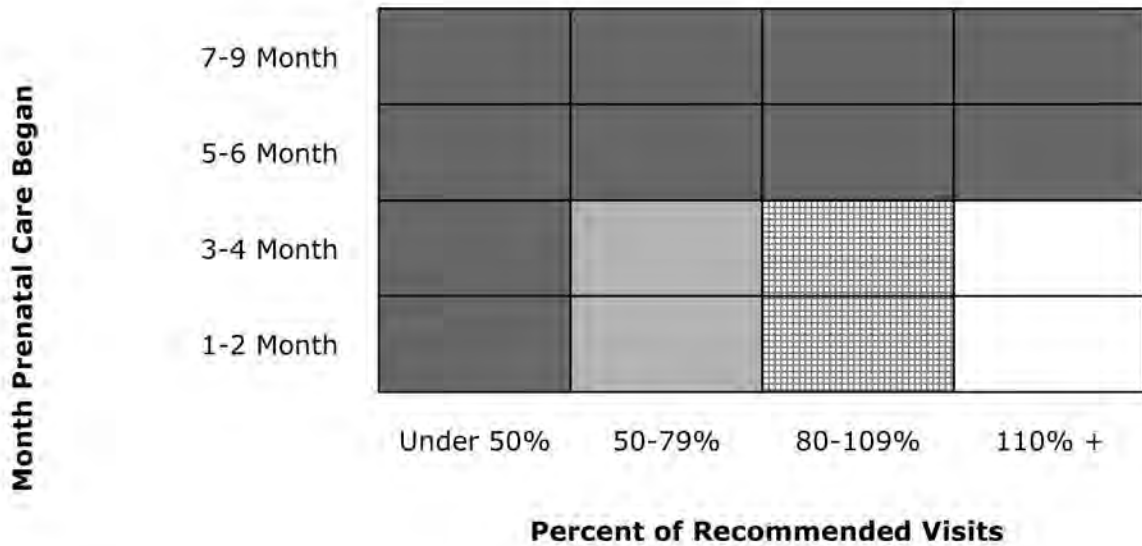
$$\text{AGE-SPECIFIC DEATH RATE} = \frac{\text{Number of Deaths for Specific Age Group}}{\text{Estimated Population In That Age Group}} \times 1,000$$

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

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

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

**The Summary of Adequacy of Prenatal Care Utilization Index (APNCU) or Kotelchuck Index<sup>1</sup>**



**Inadequate** - Prenatal care begun after 4th month, or less than 50% of recommended visits. Includes no prenatal care received.

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

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

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

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

**GRAMS CONVERSION TABLE**

**O U N C E S**

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>0</b>	-	28	57	85	113	142	170	198	227	255	284	312	340	369	397	425	0
<b>1</b>	454	482	510	539	567	595	624	652	680	709	737	765	794	822	851	879	1
<b>2</b>	907	936	964	992	1021	1049	1077	1106	1134	1162	1191	1219	1247	1276	1304	1332	2
<b>3</b>	1361	1389	1418	1446	1474	1503	1531	1559	1588	1616	1644	1673	1701	1729	1758	1786	3
<b>4</b>	1814	1843	1871	1899	1928	1956	1985	2013	2041	2070	2098	2126	2155	2183	2211	2240	4
<b>5</b>	2288	2296	2325	2353	2381	2410	2438	2466	2495	2523	2552	2580	2608	2637	2665	2693	5
<b>6</b>	2722	2750	2778	2807	2835	2863	2892	2920	2948	2977	3005	3033	3062	3090	3119	3147	6
<b>7</b>	3175	3204	3232	3260	3289	3317	3345	3374	3402	3430	3459	3487	3515	3544	3572	3600	7
<b>8</b>	3629	3657	3686	3714	3742	3771	3799	3827	3856	3884	3912	3941	3969	3997	4026	4054	8
<b>9</b>	4082	4111	4139	4167	4196	4224	4253	4281	4309	4338	4366	4394	4423	4451	4479	4508	9
<b>10</b>	4536	4564	4593	4621	4649	4678	4706	4734	4763	4791	4820	4848	4876	4905	4933	4961	10
<b>11</b>	4990	5018	5046	5075	5103	5131	5160	5188	5216	5245	5273	5301	5330	5358	5387	5415	11
<b>12</b>	5443	5472	5500	5528	5557	5585	5613	5642	5670	5698	5727	5755	5783	5812	5840	5868	12
<b>13</b>	5897	5925	5954	5982	6010	6039	6067	6095	6124	6152	6180	6209	6237	6265	6294	6322	13
<b>14</b>	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	

**P O U N D S**

**P O U N D S**

**O U N C E S**



# **APPENDIX C**

## **CAUSE OF DEATH LISTS**

113 Selected Causes of Death

Selected Causes of Infant Death



## LIST OF 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 Encephallitis #	A83-A84, A85.2
Measles #	B05
Viral Hepatitis #	B15-B19
Human Immunodeficiency Virus #	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
Malignant Neoplasms #	C00-C97
Lip, Oral Cavity and Pharynx	C00-C14
Esophagus	C15

#Eligible to be a leading cause of death.

## LIST OF 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD 10 CODE
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 the 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
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

#Eligible to be a leading cause of death.



## LIST OF 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD 10 CODE
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 Disease	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 Dis.	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

#Eligible to be a leading cause of death.

**LIST OF 113 SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	ICD 10 CODE
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
Other Chronic Lower Respiratory Diseases	J44, J47
Pneumoconioses and Chemical Effects #	J60-J66, J68
Pneumonitis Due to Solids and Liquids #	J69

#Eligible to be a leading cause of death.

**LIST OF 113 SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	ICD-10 CODE
Other Diseases of the Respiratory System	J00-J06, J30-J39, J67, J70-J98
Peptic Ulcer #	K25-K28
Diseases of the 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 the 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-N75
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

#Eligible to be a leading cause of death.

## LIST OF 113 SELECTED CAUSES OF DEATH

CAUSE OF DEATH	ICD 10 CODE
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 #	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,
Other Land Transport	V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Water, Air, and Space, and Other and Unspecified Transport Accidents and Their Sequelae	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
Nontransport Accidents	V90-V99, Y85
Falls	W00-X59, Y86
Accidental Discharge of Firearms	W00-W19
Accidental Drowning and Submersion	W32-W34
Accidental Exposure to Smoke, Fire and Flames	W65-W74
Accidental Poisoning and Exposure to Noxious Substances	X00-X09
Other and Unspecified Nontransport Accidents and Their Sequelae	X40-X49
Intentional Self-Harm (Suicide) #	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
	X60-X84, Y87.0

#Eligible to be a leading cause of death.

**LIST OF 113 SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	ICD 10 CODE
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	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.

SELECTED CAUSES OF INFANT DEATH, A MODIFICATION OF THE NCHS 130 CAUSES

CAUSE OF DEATH	ICD 10 CODE
Certain infectious and parasitic diseases	A00-B99
Septicemia #	A40-A41
Viral diseases	A80-B34
Other and unspecified infectious and parasitic diseases	A00-A39, A42-A79, B35-B99
Malignant neoplasms #	C00-C97
In situ neoplasms, benign neoplasms and uncertain or unknown behavior#	D00-D48
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism #	D50-D89
Endocrine, nutritional and metabolic diseases	E00-E88
Volume depletion, disorders of fluid, electrolyte and acid-base balance #	E86-E87
Other endocrine, nutritional and metabolic diseases	E00-E85, E88
Diseases of the nervous system	G00-G98
Meningitis #	G00, G03
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) #	G12.0
Infantile cerebral palsy #	G80
Anoxic brain damage, not elsewhere classified #	G93.1
Other diseases of the nervous system	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

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Diseases of the respiratory system	J00-J98
Influenza and pneumonia #	J10-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 the digestive system	K00-K28, K30-K39, 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 the genitourinary system	N00-N16, N20-N24, N26, N28-N98
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
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

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Newborn affected by complications involving cord	P02.4-P02.6
Newborn affected by chorioamnionitis	P02.7
Newborn affected by other and unspecified abnormalities of membranes	P02.8-P02.9
Newborn affected by other complications of labor and delivery #	P03
Newborn affected by substance transmitted by placenta or breastmilk	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

#Eligible to be a leading cause of death.



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

CAUSE OF DEATH	ICD 10 CODE
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
Other infections specific to the perinatal period	P35, P37- P39
Hemorrhagic and hematological disorders of newborn	P50-P61
Neonatal hemorrhage #	P50-P52, P54
Hematological disorders #	P60-P61
Other hemorrhagic and hematological disorders of newborn	P53,P55-P59
Necrotizing enterocolitis of newborn #	P77
Hydrops fetalis not due to hemolytic disease #	P83.2
Other perinatal conditions	P29, P70-P76, P78-P82, P83.0-P83.1, P83.3-P83.9, P84-P96
Congenital malformations, deformations and chromosomal abnormalities #	Q00-Q99
Anencephaly and similar malformations	Q00
Congenital hydrocephalus	Q03
Spina bifida	Q05
Other congenital malformations of the nervous system	Q01-Q02, Q04, Q06-Q07
Congenital malformations of the heart	Q20-Q24
Congenital malformations of the circulatory system	Q25-Q28
Congenital malformations of the respiratory system	Q30-Q34
Congenital malformations of the digestive system	Q35-Q45
Congenital malformations of the genitourinary system	Q50-Q64
Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Down's syndrome	Q90
Edward's syndrome	Q91.0-Q91.3
Patau's syndrome	Q91.4-Q91.7
Other congenital malformations, not elsewhere classified	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
Accidental suffocation and strangulation in bed	W75
Other accidental suffocation and strangulation	W76-W77, W81-W84
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	W78-W80
Accidents caused by exposure to smoke, fire and flames	X00-X09
Other and unspecified accidents and their sequelae	Residual of V01-X59
Homicide (assault) #	X85-Y09, Y87.1
Neglect, abandonment and other maltreatment syndromes	Y06-Y07
Homicide by other and unspecified means	X85-Y05, Y08-Y09, Y87.1
Complications of medical and surgical care #	Y40-Y84, Y88
Other external causes	Y60-X84, Y10-Y36, Y87.0, Y87.2, Y89

#Eligible to be a leading cause of death.