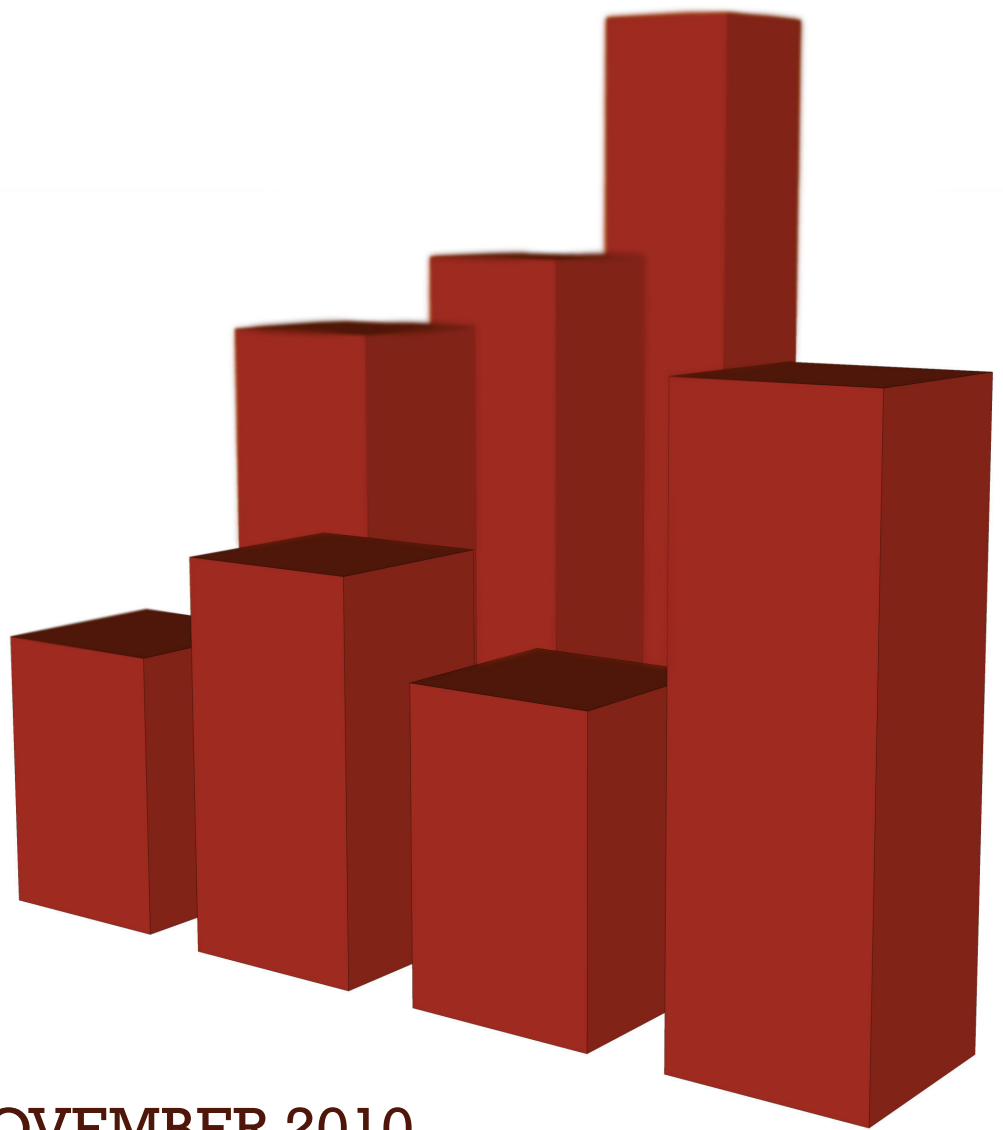
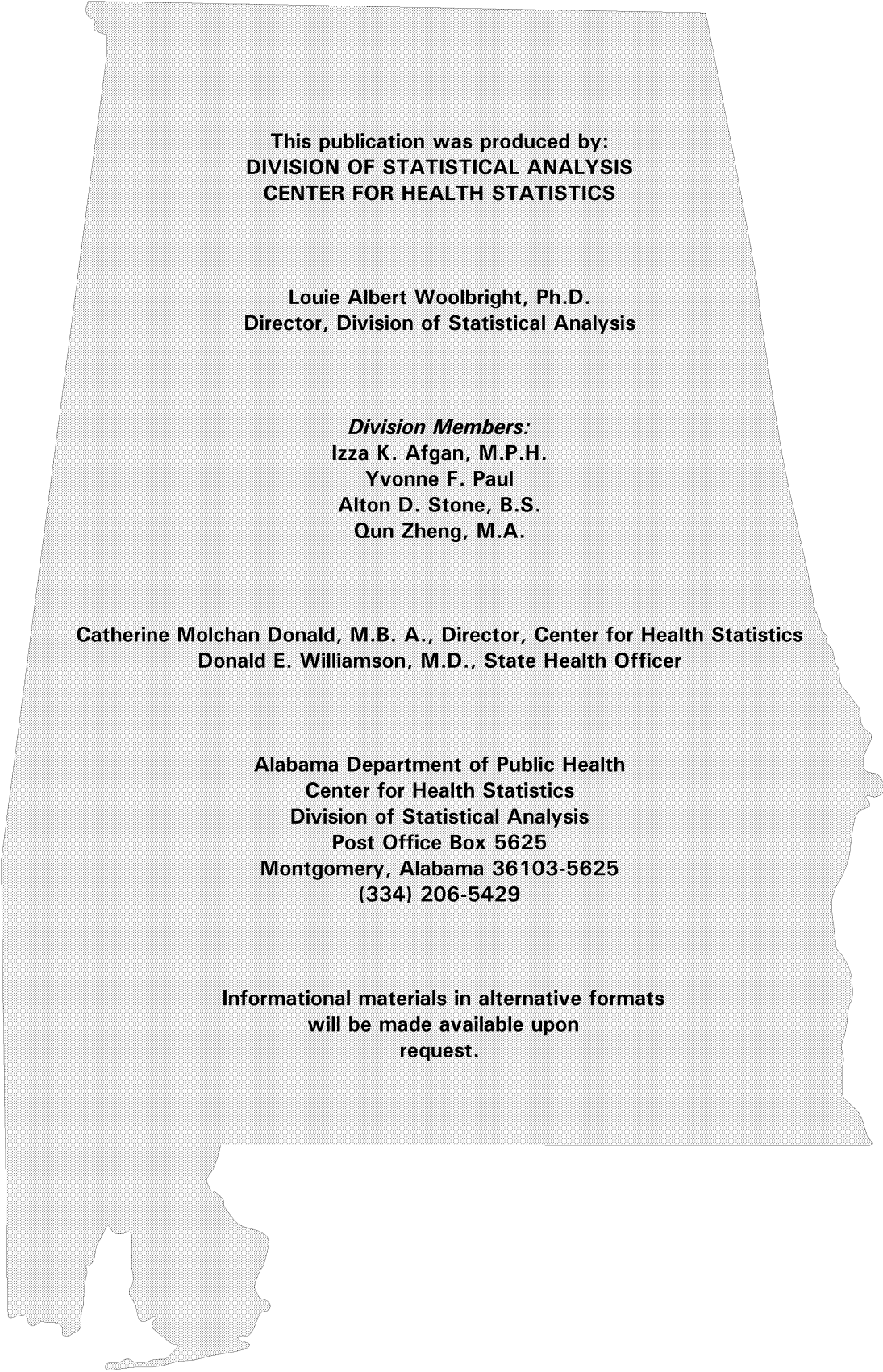


# Alabama Vital Statistics 2009



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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, 1950-2009**

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 <sup>3</sup>	42,986	13.1	11.5 <sup>3</sup>	21,194	15.8	16.4 <sup>3</sup>
2008	64,345	13.8	14.0 <sup>3</sup>	42,897	13.0	11.4 <sup>3</sup>	21,448	15.9	16.5 <sup>3</sup>
2009	62,476	13.3	N/A	41,963	12.6	N/A	20,513	15.0	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.

<sup>3</sup>Provisional data.

**TABLE 2**  
**RESIDENT BIRTHS AND BIRTH RATES <sup>1</sup>**  
**BY RACE OF MOTHER AND COUNTY OF RESIDENCE**  
**ALABAMA, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	62,476	13.3	41,963	12.6	20,513	15.0
Autauga	684	13.5	514	12.8	170	16.2
Baldwin	2,125	11.8	1,829	11.6	296	13.5
Barbour	331	11.1	189	12.3	142	9.9
Bibb	231	10.7	174	10.5	57	11.3
Blount	711	12.2	694	12.4	17	7.7
Bullock	160	14.6	52	15.6	108	14.1
Butler	250	12.5	111	9.8	139	16.1
Calhoun	1,525	13.4	1,089	12.3	436	17.1
Chambers	401	11.7	215	10.3	186	13.9
Cherokee	233	9.5	221	9.7	12	6.8
Chilton	591	13.8	508	13.5	83	15.2
Choctaw	135	9.6	74	9.5	61	9.8
Clarke	300	11.5	136	9.5	164	14.1
Clay	150	11.0	127	11.3	23	9.7
Cleburne	182	12.3	178	12.8	4	4.7
Coffee	738	15.2	602	15.9	136	12.7
Colbert	630	11.5	517	11.6	113	11.2
Conecuh	139	10.7	54	7.6	85	14.7
Coosa	90	8.5	55	7.6	35	10.4
Covington	495	13.5	406	13.0	89	16.2
Crenshaw	171	12.4	123	12.2	48	13.0
Cullman	984	12.0	968	12.2	16	5.9
Dale	793	16.5	623	17.2	170	14.2
Dallas	704	16.8	137	10.5	567	19.6
DeKalb	937	13.5	891	13.5	46	14.4
Elmore	1,066	13.5	809	13.4	257	13.6
Escambia	481	12.8	305	12.9	176	12.7
Etowah	1,282	12.4	1,048	12.1	234	13.5
Fayette	188	10.8	165	11.0	23	9.7
Franklin	462	14.9	444	15.2	18	9.3
Geneva	270	10.4	241	10.6	29	9.0
Greene	124	14.0	16	9.0	108	15.3
Hale	202	11.2	73	9.8	129	12.2
Henry	198	11.9	139	12.1	59	11.4
Houston	1,425	14.2	913	12.7	512	18.1
Jackson	610	11.5	570	11.8	40	9.2
Jefferson	9,346	14.1	4,815	12.9	4,531	15.6
Lamar	144	10.1	124	10.0	20	11.1
Lauderdale	974	10.9	841	10.7	133	12.4
Lawrence	410	12.0	343	12.7	67	9.4
Lee	1,681	12.4	1,201	12.1	480	13.2
Limestone	1,025	13.0	903	13.7	122	9.8
Lowndes	176	14.3	33	9.3	143	16.4
Macon	236	10.8	49	14.0	187	10.2
Madison	4,269	13.0	2,806	12.1	1,463	15.3
Marengo	256	12.2	112	11.1	144	13.2
Marion	308	10.6	301	11.0	7	4.2
Marshall	1,501	16.6	1,250	14.5	251	60.1
Mobile	6,057	14.7	3,404	13.4	2,653	16.8
Monroe	268	12.0	115	9.0	153	15.8
Montgomery	3,358	15.0	1,149	11.9	2,209	17.3
Morgan	1,503	12.8	1,270	12.7	233	13.3
Perry	156	14.7	30	9.0	126	17.3
Pickens	270	14.0	132	12.1	138	16.5
Pike	426	14.0	253	13.9	173	14.1
Randolph	252	11.2	188	10.9	64	12.1
Russell	770	15.1	745	26.3	25	1.1
St. Clair	1,109	13.5	1,015	13.9	94	10.4
Shelby	2,494	13.0	2,141	12.8	353	13.8
Sumter	164	12.8	37	10.7	127	13.5
Talladega	984	12.3	609	11.4	375	14.0
Tallapoosa	494	12.0	324	10.8	170	15.3
Tuscaloosa	2,484	13.5	1,448	11.9	1,036	16.7
Walker	821	11.9	757	12.0	64	11.5
Washington	170	10.0	116	10.4	54	9.1
Wilcox	153	12.4	27	7.9	126	14.0
Winston	219	9.1	215	9.2	4	6.5

<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, 1980-2009**

<b>YEAR</b>	<b>TOTAL</b>	<b>SINGLE BIRTHS</b>	<b>TWINS</b>	<b>TRIPLETS</b>	<b>QUADRUPLETS OR GREATER</b>
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

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, 2009**

COUNTY AND HOSPITAL	TOTAL	COUNTY AND HOSPITAL	TOTAL
<b>ALABAMA</b>	61,317	<b>CULLMAN</b>	813
<b>AUTAUGA</b>	2	Cullman Regional Medical Center	806
Out of Hospital	2	Out of Hospital	7
<b>BALDWIN</b>	1,897	<b>DALE</b>	1
North Baldwin Infirmary	232	Dale Medical Center	1
South Baldwin Regional Medical Center	620	<b>DALLAS</b>	893
Thomas Hospital	1,039	Vaughan Regional Medical Cntr Pkway	889
Out of Hospital	6	Out of Hospital	4
<b>BARBOUR</b>	9	<b>DEKALB</b>	806
Medical Center Barbour	7	DeKalb Regional Medical Center	801
Out of Hospital	2	Out of Hospital	5
<b>BIBB</b>	1	<b>ELMORE</b>	4
Bibb Medical Center	1	Out of Hospital	4
<b>BLOUNT</b>	2	<b>ESCAMBIA</b>	320
Medical Center Blount	1	D. W. McMillan Memorial Hospital	316
Out of Hospital	1	Atmore Community Hospital	3
<b>BULLOCK</b>	5	Out of Hospital	1
Bullock County Hospital	2	<b>ETOWAH</b>	1,131
Out of Hospital	3	Gadsden Regional Medical Center	1,129
<b>BUTLER</b>	1	Out of Hospital	2
Out of Hospital	1	<b>FAYETTE</b>	0
<b>CALHOUN</b>	1,871	<b>FRANKLIN</b>	515
Jacksonville Medical Center	400	Russellville Hospital	511
Northeast AL Regional Medical Center	1,470	Red Bay Hospital	1
Out of Hospital	1	Out of Hospital	3
<b>CHAMBERS</b>	379	<b>GENEVA</b>	0
George H. Lanier Memorial Hospital	379	<b>GREENE</b>	0
<b>CHEROKEE</b>	0	<b>HALE</b>	3
<b>CHILTON</b>	4	Hale County Hospital	1
Chilton Medical Center	1	Out of Hospital	2
Out of Hospital	3	<b>HENRY</b>	2
<b>CHOCTAW</b>	0	Out of Hospital	2
<b>CLARKE</b>	293	<b>HOUSTON</b>	2,989
Grove Hill Memorial Hospital	132	Flowers Hospital	1,282
Jackson Medical Center	160	Southeast Alabama Medical Center	1,704
Out of Hospital	1	Out of Hospital	3
<b>CLAY</b>	0	<b>JACKSON</b>	400
<b>CLEBURNE</b>	1	Highlands Medical Center	398
Out of Hospital	1	Out of Hospital	2
<b>COFFEE</b>	1,045	<b>JEFFERSON</b>	14,606
Medical Center Enterprise	1,042	Baptist Medical Center Princeton	386
Out of Hospital	3	Brookwood Medical Center	3,471
<b>COLBERT</b>	795	Cooper Green-Mercy Hospital	447
Helen Keller Memorial Hospital	795	Medical West	699
<b>CONECUH</b>	1	St Vincent's East	1,237
Evergreen Medical Center	1	St Vincent's Birmingham	3,765
<b>COOSA</b>	0	Trinity Medical Center	729
<b>COVINGTON</b>	453	University of Alabama Hospital	3,848
Andalusia Regional Hospital	453	Out of Hospital	24
<b>CRENSHAW</b>	162	<b>LAMAR</b>	0
Crenshaw Community Hospital	162		



**TABLE 4 (Continued)**  
**BIRTHS BY HOSPITAL OF OCCURRENCE**  
**ALABAMA, 2009**

COUNTY AND HOSPITAL	TOTAL	COUNTY AND HOSPITAL	TOTAL
<b>LAUDERDALE</b>	1,062	<b>MORGAN</b>	778
Eliza Coffee Memorial Hospital	1,061	Decatur General Hospital	382
Out of Hospital	1	Parkway Medical Center	396
<b>LAWRENCE</b>	1	<b>PERRY</b>	1
Out of Hospital	1	Out of Hospital	1
<b>LEE</b>	1,677	<b>PICKENS</b>	2
East Alabama Medical Center	1,671	Pickens County Medical Center	1
Out of Hospital	6	Out of Hospital	1
<b>LIMESTONE</b>	563	<b>PIKE</b>	5
Athens Limestone Hospital	559	Edge Regional Medical Center	3
Out of Hospital	4	Out of Hospital	2
<b>LOWNDES</b>	0	<b>RANDOLPH</b>	2
<b>MACON</b>	3	Randolph Medical Center	2
Out of Hospital	3	<b>RUSSELL</b>	1
<b>MADISON</b>	6,305	Out of Hospital	1
Crestwood Medical Center	859	<b>ST. CLAIR</b>	2
Huntsville Hospital	5,435	St Vincent's St Clair	1
Out of Hospital	11	Out of Hospital	1
<b>MARENGO</b>	292	<b>SHELBY</b>	1,183
Bryan W. Whitfield Memorial Hospital	292	Shelby Baptist Medical Center	1,177
<b>MARION</b>	3	Out of Hospital	6
Northwest Medical Center	2	<b>SUMTER</b>	0
Out of Hospital	1	<b>TALLADEGA</b>	865
<b>MARSHALL</b>	1,346	Citizens Baptist Medical Center	416
Marshall Medical Center North	354	Coosa Valley Baptist Medical Center	448
Marshall Medical Center South	984	Out of Hospital	1
Out of Hospital	8	<b>TALLAPOOSA</b>	485
<b>MOBILE</b>	6,896	Russell Medical Center	484
Infirmiry West	1	Out of Hospital	1
Mobile Infirmiry	1,379	<b>TUSCALOOSA</b>	3,388
Providence Hospital	1,931	DCH Regional Medical Center	1,810
Springhill Memorial Hospital	705	Northport Medical Center	1,575
U.S.A. Children's and Women's Hospital	2,862	Out of Hospital	3
U.S.A. Medical Center	2	<b>WALKER</b>	738
Out of Hospital	16	Walker Baptist Medical Center	737
<b>MONROE</b>	242	Out of Hospital	1
Monroe County Hospital	242	<b>WASHINGTON</b>	0
<b>MONTGOMERY</b>	6,070	<b>WILCOX</b>	2
Baptist Medical Center East	3,577	J Paul Jones Hospital	1
Baptist Medical Center South	939	Out of Hospital	1
Jackson Hospital	1,543	<b>WINSTON</b>	1
Out of Hospital	11	Out of Hospital	1

**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, 2009**

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>	62,476	41,963	20,513	25,561	11,324	14,237	40.9	27.0	69.4
UNDER 15	161	60	101	160	59	101	99.4	98.3	100.0
15-17	2,492	1,313	1,179	2,242	1,086	1,156	90.0	82.7	98.0
18-19	5,712	3,396	2,316	4,214	2,065	2,149	73.8	60.8	92.8
20-24	18,911	11,748	7,163	10,353	4,500	5,853	54.7	38.3	81.7
25-29	18,082	12,889	5,193	5,321	2,207	3,114	29.4	17.1	60.0
30-34	11,577	8,531	3,046	2,288	943	1,345	19.8	11.1	44.2
35-39	4,597	3,345	1,252	814	382	432	17.7	11.4	34.5
40-44	894	637	257	164	79	85	18.3	12.4	33.1
45+	47	41	6	5	3	2	---	---	---
NOT STATED	3	3	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, 2000-2009**

RACE AND AGE OF MOTHER	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>TOTAL</b>	34.3	34.4	34.8	35.0	36.5	35.8	36.8	38.4	39.9	40.9
UNDER 15	97.0	95.1	97.0	94.2	97.5	98.0	96.3	94.1	98.1	99.4
15-17	80.9	83.3	83.8	84.1	85.8	84.2	83.8	85.8	88.4	90.0
18-19	65.2	65.8	66.6	69.1	69.0	67.2	68.7	70.4	73.3	73.8
20-24	44.8	45.4	46.5	47.4	49.1	47.8	47.9	50.2	52.3	54.7
25-29	20.9	21.5	21.9	23.0	24.6	25.4	26.3	28.0	28.9	29.4
30-34	12.2	12.3	12.8	12.6	14.4	14.7	16.1	17.0	18.2	19.8
35-39	13.3	14.1	14.4	13.8	14.2	13.4	13.9	15.4	16.8	17.7
40-44	17.4	16.5	16.7	17.6	16.5	18.5	19.6	17.3	18.9	18.3
45+	---	---	---	---	---	---	9.8	---	---	---
<b>WHITE</b>	18.0	18.8	19.7	20.2	21.7	21.0	22.3	23.9	25.4	27.0
UNDER 15	91.8	84.7	93.6	81.8	90.9	---	88.9	80.5	96.2	98.3
15-17	64.7	68.5	70.7	70.9	74.2	71.6	70.3	75.2	79.2	82.7
18-19	44.8	48.0	48.5	52.1	51.9	50.2	53.3	55.4	58.4	60.8
20-24	23.8	25.4	27.4	28.8	31.0	29.4	30.5	32.6	35.3	38.3
25-29	9.7	10.2	10.1	11.7	12.5	13.5	13.9	15.3	16.2	17.1
30-34	5.8	5.7	6.9	6.3	7.7	7.6	8.6	9.5	10.1	11.1
35-39	6.2	7.5	8.1	7.5	8.5	7.4	8.8	9.8	10.6	11.4
40-44	9.3	7.5	9.3	9.5	10.1	11.0	12.3	10.4	13.3	12.4
45+	---	---	---	---	---	---	---	---	---	---
<b>BLACK &amp; OTHER</b>	66.5	66.2	66.5	67.2	67.7	67.7	66.6	67.7	68.8	69.4
UNDER 15	99.3	100.0	98.4	100.0	100.0	100.0	100.0	100.0	99.1	100.0
15-17	97.4	98.1	97.3	97.9	97.7	97.3	97.4	97.4	98.2	98.0
18-19	91.7	90.3	92.3	93.3	93.6	92.1	90.6	91.2	93.4	92.8
20-24	76.1	76.6	77.5	78.1	79.2	78.2	77.0	79.1	80.1	81.7
25-29	49.4	50.5	52.2	54.0	54.9	55.3	56.3	57.6	58.5	60.0
30-34	34.2	35.5	34.0	35.4	36.7	37.4	38.4	39.1	41.3	44.2
35-39	34.7	33.3	32.1	33.6	33.1	33.4	30.7	32.3	35.2	34.5
40-44	36.8	35.3	35.8	36.1	34.9	35.8	37.3	36.4	32.8	33.1
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, 1960-2009 <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

<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 1971-2009 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, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	25,561	40.9	11,324	27.0	14,237	69.4
Autauga	248	36.3	137	26.7	111	65.3
Baldwin	739	34.8	543	29.7	196	66.2
Barbour	204	61.6	88	46.6	116	81.7
Bibb	102	44.2	60	34.5	42	73.7
Blount	160	22.5	153	22.0	7	41.2
Bullock	104	65.0	7	13.5	97	89.8
Butler	141	56.4	31	27.9	110	79.1
Calhoun	666	43.7	350	32.1	316	72.5
Chambers	217	54.1	66	30.7	151	81.2
Cherokee	97	41.6	91	41.2	6	50.0
Chilton	177	29.9	123	24.2	54	65.1
Choctaw	52	38.5	16	21.6	36	59.0
Clarke	159	53.2	42	31.1	117	71.3
Clay	63	42.0	48	37.8	15	65.2
Cleburne	66	36.3	64	36.0	2	50.0
Coffee	237	32.2	136	22.6	101	74.3
Colbert	251	39.9	168	32.6	83	73.5
Conecuh	91	65.5	22	40.7	69	81.2
Coosa	52	57.8	26	47.3	26	74.3
Covington	235	47.5	162	39.9	73	82.0
Crenshaw	85	49.7	50	40.7	35	72.9
Cullman	270	27.4	265	27.4	5	31.3
Dale	241	30.4	142	22.8	99	58.2
Dallas	511	72.6	54	39.4	457	80.6
DeKalb	311	33.2	296	33.2	15	32.6
Elmore	381	35.7	215	26.6	166	64.6
Escambia	259	53.8	124	40.7	135	76.7
Etowah	463	36.1	293	28.0	170	72.6
Fayette	63	33.5	50	30.3	13	56.5
Franklin	105	22.7	93	20.9	12	66.7
Geneva	115	42.6	93	38.6	22	75.9
Greene	97	78.2	5	31.3	92	85.2
Hale	110	54.5	11	15.1	99	76.7
Henry	82	41.4	36	25.9	46	78.0
Houston	619	43.4	260	28.5	359	70.1
Jackson	232	38.0	207	36.3	25	62.5
Jefferson	4,123	44.1	1,008	20.9	3,115	68.7
Lamar	53	36.8	37	29.8	16	80.0
Lauderdale	343	35.2	249	29.6	94	70.7
Lawrence	161	39.3	117	34.1	44	65.7
Lee	385	22.9	158	13.2	227	47.3
Limestone	336	32.8	262	29.0	74	60.7
Lowndes	121	68.8	5	15.2	116	81.1
Macon	122	51.7	9	18.4	113	60.4
Madison	1,624	38.1	688	24.5	936	64.0
Marengo	131	51.2	25	22.3	106	73.6
Marion	97	31.5	95	31.6	2	28.6
Marshall	466	31.0	422	33.8	44	17.5
Mobile	2,984	49.3	1,062	31.2	1,922	72.4
Monroe	179	66.8	50	43.5	129	84.3
Montgomery	1,872	55.7	242	21.1	1,630	73.8
Morgan	550	36.6	392	30.9	158	67.8
Perry	114	73.1	4	13.3	110	87.3
Pickens	143	53.0	30	22.7	113	81.9
Pike	193	45.3	67	26.5	126	72.8
Randolph	117	46.4	65	34.6	52	81.3
Russell	340	44.2	329	44.2	11	44.0
St. Clair	266	24.0	222	21.9	44	46.8
Shelby	391	15.7	278	13.0	113	32.0
Sumter	113	68.9	4	10.8	109	85.8
Talladega	523	53.2	228	37.4	295	78.7
Tallapoosa	268	54.3	132	40.7	136	80.0
Tuscaloosa	1,118	45.0	367	25.3	751	72.5
Walker	194	23.6	160	21.1	34	53.1
Washington	61	35.9	29	25.0	32	59.3
Wilcox	109	71.2	3	11.1	106	84.1
Winston	59	26.9	58	27.0	1	25.0

<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, 2009**

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>	62,476	161	8,204	18,911	18,082	11,577	4,587	941	3	
WHITE	41,963	60	4,709	11,748	12,889	8,531	3,345	678	3	
BLACK AND OTHER	20,513	101	3,495	7,163	5,193	3,046	1,252	263	0	
<b>FIRST</b>	25,875	157	6,581	9,138	6,165	2,778	876	180	0	
WHITE	17,310	57	3,745	5,862	4,740	2,128	648	130	0	
BLACK AND OTHER	8,565	100	2,836	3,276	1,425	650	228	50	0	
<b>SECOND</b>	19,754	2	1,262	6,253	6,303	4,162	1,516	256	0	
WHITE	13,533	1	702	3,813	4,530	3,181	1,127	179	0	
BLACK AND OTHER	6,221	1	560	2,440	1,773	981	389	77	0	
<b>THIRD</b>	9,734	0	170	2,285	3,324	2,601	1,150	203	1	
WHITE	6,475	0	90	1,296	2,185	1,903	849	151	1	
BLACK AND OTHER	3,259	0	80	989	1,139	698	301	52	0	
<b>FOURTH</b>	3,677	0	29	658	1,241	1,091	526	132	0	
WHITE	2,218	0	13	314	718	715	363	95	0	
BLACK AND OTHER	1,459	0	16	344	523	376	163	37	0	
<b>FIFTH AND ABOVE</b>	2,140	0	4	195	620	725	444	152	0	
WHITE	1,136	0	2	82	288	385	274	105	0	
BLACK AND OTHER	1,004	0	2	113	332	340	170	47	0	
<b>NOT STATED</b>	1,296	2	158	382	429	220	85	18	2	
WHITE	1,291	2	157	381	428	219	84	18	2	
BLACK AND OTHER	5	0	1	1	1	1	1	0	0	

**TABLE 10  
BIRTHS BY TRIMESTER PRENATAL CARE BEGAN AND PERCENT BEGUN  
IN FIRST TRIMESTER, BY COUNTY OF RESIDENCE  
ALABAMA, 2009**

COUNTY	TOTAL	NO PRENATAL CARE	PERCENT FIRST TRIMESTER	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NOT STATED
<b>TOTAL</b>	62,476	1,242	79.4	48,472	9,469	1,898	1,395
Autauga	684	8	77.9	532	117	26	1
Baldwin	2,125	13	84.2	1,783	276	46	7
Barbour	331	13	64.4	179	69	17	53
Bibb	231	2	76.9	173	46	4	6
Blount	711	10	79.0	561	125	14	1
Bullock	160	5	45.6	73	58	24	0
Butler	250	2	79.2	198	41	9	0
Calhoun	1,525	53	84.1	1,279	165	23	5
Chambers	401	3	75.7	287	71	18	22
Cherokee	233	4	76.8	159	41	3	26
Chilton	591	13	76.3	450	114	13	1
Choctaw	135	2	81.5	110	19	4	0
Clarke	300	1	83.1	246	40	9	4
Clay	150	0	83.2	124	20	5	1
Cleburne	182	3	81.7	125	21	4	29
Coffee	738	14	76.2	559	122	39	4
Colbert	630	6	73.5	463	142	19	0
Conecuh	139	3	64.0	89	37	10	0
Coosa	90	0	82.2	74	11	5	0
Covington	495	3	69.0	341	132	18	1
Crenshaw	171	2	78.4	134	29	6	0
Cullman	984	22	86.4	850	100	12	0
Dale	793	5	84.8	672	90	25	1
Dallas	704	25	61.7	433	186	58	2
DeKalb	937	76	63.3	590	182	84	5
Elmore	1,066	11	77.6	826	181	46	2
Escambia	481	3	75.1	358	99	17	4
Etowah	1,282	39	81.7	1,046	162	33	2
Fayette	188	2	85.6	160	19	6	1
Franklin	462	7	69.5	321	98	36	0
Geneva	270	1	84.8	228	34	6	1
Greene	124	4	66.4	81	30	7	2
Hale	202	4	81.5	163	27	6	2
Henry	198	4	84.3	167	26	1	0
Houston	1,425	3	85.1	1,212	187	22	1
Jackson	610	6	83.3	507	76	20	1
Jefferson	9,346	92	80.2	7,465	1,523	231	35
Lamar	144	1	82.6	119	21	3	0
Lauderdale	974	8	76.9	748	169	48	1
Lawrence	410	5	81.2	333	59	13	0
Lee	1,681	11	85.9	1,125	151	22	372
Limestone	1,025	27	79.4	813	125	59	1
Lowndes	176	3	65.3	115	51	7	0
Macon	236	5	76.2	179	45	6	1
Madison	4,269	67	84.5	3,602	487	107	6
Marengo	256	1	80.0	204	42	8	1
Marion	308	1	79.9	246	49	12	0
Marshall	1,501	216	64.8	972	263	50	0
Mobile	6,057	63	81.7	4,947	919	123	5
Monroe	268	4	79.5	213	41	10	0
Montgomery	3,358	117	72.6	2,434	660	142	5
Morgan	1,503	90	74.3	1,116	211	85	1
Perry	156	5	65.8	102	38	10	1
Pickens	270	4	85.3	220	27	7	12
Pike	426	13	73.6	313	82	17	1
Randolph	252	3	74.0	162	46	8	33
Russell	770	2	64.7	44	21	1	702
St. Clair	1,109	11	82.6	911	158	23	6
Shelby	2,494	25	85.8	2,137	290	38	4
Sumter	164	4	81.1	133	19	8	0
Talladega	984	3	82.5	812	152	17	0
Tallapoosa	494	8	83.9	412	60	11	3
Tuscaloosa	2,484	60	79.4	1,958	350	98	18
Walker	821	11	82.6	677	115	17	1
Washington	170	0	67.6	115	44	11	0
Wilcox	153	8	69.9	107	30	8	0
Winston	219	2	84.9	185	28	3	1

**TABLE 11**  
**BIRTHS AND PERCENT<sup>1</sup> OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX**  
**BY COUNTY OF RESIDENCE**  
**ALABAMA, 2009**

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	62,476	20,307	33.3	24,098	39.5	7,983	13.1	8,580	14.1	1508
AUTAUGA	684	209	30.7	309	45.4	73	10.7	90	13.2	3
BALDWIN	2,125	901	42.6	859	40.6	149	7.0	207	9.8	9
BARBOUR	331	69	24.8	102	36.7	28	10.1	79	28.4	53
BIBB	231	72	32.1	88	39.3	30	13.4	34	15.2	7
BLOUNT	711	259	36.5	287	40.4	88	12.4	76	10.7	1
BULLOCK	160	38	23.8	45	28.1	8	5.0	69	43.1	0
BUTLER	250	73	29.2	99	39.6	40	16.0	38	15.2	0
CALHOUN	1,525	381	25.1	590	38.8	376	24.8	172	11.3	6
CHAMBERS	401	141	37.2	153	40.4	22	5.8	63	16.6	22
CHEROKEE	233	27	13.0	76	36.7	78	37.7	26	12.6	26
CHILTON	591	153	25.9	223	37.8	106	18.0	108	18.3	1
CHOCTAW	135	47	35.1	54	40.3	20	14.9	13	9.7	1
CLARKE	300	137	47.9	93	32.5	30	10.5	26	9.1	14
CLAY	150	59	39.9	60	40.5	15	10.1	14	9.5	2
CLEBURNE	182	45	29.4	69	45.1	22	14.4	17	11.1	29
COFFEE	738	155	21.1	371	50.5	86	11.7	122	16.6	4
COLBERT	630	219	34.8	267	42.4	54	8.6	90	14.3	0
CONECUH	139	39	28.3	47	34.1	15	10.9	37	26.8	1
COOSA	90	38	42.7	25	28.1	17	19.1	9	10.1	1
COVINGTON	495	259	52.5	126	25.6	33	6.7	75	15.2	2
CRENSHAW	171	52	30.4	68	39.8	29	17.0	22	12.9	0
CULLMAN	984	516	52.5	341	34.7	36	3.7	89	9.1	2
DALE	793	172	21.7	451	56.9	84	10.6	85	10.7	1
DALLAS	704	173	24.7	246	35.1	88	12.6	193	27.6	4
DEKALB	937	157	16.9	283	30.5	220	23.7	267	28.8	10
ELMORE	1,066	314	29.6	483	45.5	119	11.2	146	13.7	4
ESCAMBIA	481	154	32.3	192	40.3	57	11.9	74	15.5	4
ETOWAH	1,282	263	20.5	527	41.2	331	25.9	159	12.4	2
FAYETTE	188	72	38.7	76	40.9	20	10.8	18	9.7	2
FRANKLIN	462	102	22.2	187	40.7	88	19.1	83	18.0	2
GENEVA	270	66	24.5	139	51.7	43	16.0	21	7.8	1
GREENE	124	33	27.0	36	29.5	20	16.4	33	27.0	2
HALE	202	79	39.7	75	37.7	22	11.1	23	11.6	3
HENRY	198	49	24.7	103	52.0	26	13.1	20	10.1	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, 2009**

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	1,425	349	24.5	779	54.8	162	11.4	132	9.3	3
JACKSON	610	193	31.8	269	44.4	80	13.2	64	10.6	4
JEFFERSON	9,346	3,605	38.8	3,590	38.7	987	10.6	1,105	11.9	59
LAMAR	144	68	47.2	54	37.5	14	9.7	8	5.6	0
LAUDERDALE	974	371	38.3	367	37.9	94	9.7	136	14.0	6
LAWRENCE	410	120	29.3	157	38.3	71	17.3	62	15.1	0
LEE	1,681	623	47.7	538	41.2	42	3.2	104	8.0	374
LIMESTONE	1,025	324	31.7	383	37.4	145	14.2	171	16.7	2
LOWNDES	176	47	26.7	74	42.0	27	15.3	28	15.9	0
MACON	236	88	37.4	96	40.9	16	6.8	35	14.9	1
MADISON	4,269	1,025	24.1	1,724	40.5	905	21.2	605	14.2	10
MARENGO	256	106	41.7	84	33.1	28	11.0	36	14.2	2
MARION	308	128	41.6	104	33.8	40	13.0	36	11.7	0
MARSHALL	1,501	418	27.9	365	24.3	267	17.8	450	30.0	1
MOBILE	6,057	2,010	33.2	2,487	41.1	847	14.0	703	11.6	10
MONROE	268	79	29.5	102	38.1	50	18.7	37	13.8	0
MONTGOMERY	3,358	921	27.5	1,426	42.6	369	11.0	634	18.9	8
MORGAN	1,503	407	27.2	533	35.6	249	16.6	310	20.7	4
PERRY	156	51	32.9	57	36.8	12	7.7	35	22.6	1
PICKENS	270	103	39.9	93	36.0	29	11.2	33	12.8	12
PIKE	426	92	21.7	200	47.2	54	12.7	78	18.4	2
RANDOLPH	252	69	31.5	99	45.2	15	6.8	36	16.4	33
RUSSELL	770	26	38.2	27	39.7	3	4.4	12	17.6	702
ST. CLAIR	1,109	388	35.3	474	43.2	139	12.7	97	8.8	11
SHELBY	2,494	952	38.2	1,020	41.0	295	11.8	223	9.0	4
SUMTER	164	64	39.3	57	35.0	18	11.0	24	14.7	1
TALLADEGA	984	347	35.3	392	39.9	156	15.9	88	9.0	1
TALLAPOOSA	494	275	56.1	131	26.7	29	5.9	55	11.2	4
TUSCALOOSA	2,484	817	33.2	900	36.5	284	11.5	462	18.8	21
WALKER	821	505	61.7	199	24.3	26	3.2	89	10.9	2
WASHINGTON	170	57	35.6	51	31.9	14	8.8	38	23.8	10
WILCOX	153	43	28.1	54	35.3	22	14.4	34	22.2	0
WINSTON	219	113	51.8	62	28.4	21	9.6	22	10.1	1

<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, 2009**

RACE AND AGE OF MOTHER	TOTAL	THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX				
		ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE	UNKNOWN
<b>TOTAL</b>	62,476	20,307	24,098	7,983	8,580	1,508
UNDER 15	161	37	40	19	62	3
15-19	8,204	2,239	2,877	1,211	1,674	203
20-24	18,911	5,553	7,098	2,647	3,161	452
25-29	18,082	6,007	7,237	2,288	2,061	489
30-34	11,577	4,284	4,699	1,245	1,107	242
35-39	4,597	1,771	1,834	477	418	97
40-44	894	393	298	90	94	19
45+	47	23	15	6	2	1
NOT STATED	3	0	0	0	1	2
<b>WHITE</b>	41,963	13,592	16,675	5,401	4,885	1,410
UNDER 15	60	11	21	9	17	2
15-19	4,709	1,278	1,716	716	821	178
20-24	11,748	3,426	4,482	1,686	1,738	416
25-29	12,889	4,202	5,286	1,658	1,274	469
30-34	8,531	3,147	3,536	904	710	234
35-39	3,345	1,243	1,403	352	257	90
40-44	637	265	219	70	65	18
45+	41	20	12	6	2	1
NOT STATED	3	0	0	0	1	2
<b>BLACK AND OTHER</b>	20,513	6,715	7,423	2,582	3,695	98
UNDER 15	101	26	19	10	45	1
15-19	3,495	961	1,161	495	853	25
20-24	7,163	2,127	2,616	961	1,423	36
25-29	5,193	1,805	1,951	630	787	20
30-34	3,046	1,137	1,163	341	397	8
35-39	1,252	528	431	125	161	7
40-44	257	128	79	20	29	1
45+	6	3	3	0	0	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, 2009**

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>	62,476	161	2,492	5,712	18,911	18,082	11,577	4,597	894	47	3
WHITE	41,963	60	1,313	3,396	11,748	12,889	8,531	3,345	637	41	3
BLACK AND OTHER	20,513	101	1,179	2,316	7,163	5,193	3,046	1,252	257	6	0
<b>LESS THAN 500 GRAMS</b>	130	0	11	18	42	32	15	9	3	0	0
WHITE	56	0	3	10	13	17	3	9	1	0	0
BLACK AND OTHER	74	0	8	8	29	15	12	0	2	0	0
<b>500-999 GRAMS</b>	502	1	25	52	160	119	96	39	8	2	0
WHITE	212	0	7	21	59	54	47	18	5	1	0
BLACK AND OTHER	290	1	18	31	101	65	49	21	3	1	0
<b>1,000-1,499 GRAMS</b>	580	6	26	51	155	177	104	46	15	0	0
WHITE	279	0	13	23	66	85	57	28	7	0	0
BLACK AND OTHER	301	6	13	28	89	92	47	18	8	0	0
<b>1,500-1,999 GRAMS</b>	1,228	4	51	140	349	333	212	113	24	2	0
WHITE	643	0	23	65	163	175	136	66	13	2	0
BLACK AND OTHER	585	4	28	75	186	158	76	47	11	0	0
<b>2,000-2,499 GRAMS</b>	4,032	12	163	424	1,296	1,069	704	299	57	8	0
WHITE	2,246	5	66	209	636	652	450	186	35	7	0
BLACK AND OTHER	1,786	7	97	215	660	417	254	113	22	1	0
<b>2,500-4,499 GRAMS</b>	55,525	138	2,210	5,009	16,800	16,200	10,331	4,027	774	34	2
WHITE	38,124	55	1,197	3,053	10,722	11,781	7,739	2,981	564	30	2
BLACK AND OTHER	17,401	83	1,013	1,956	6,078	4,419	2,592	1,046	210	4	0
<b>4,500 GRAMS &amp; OVER</b>	464	0	5	15	106	147	114	63	13	1	0
WHITE	391	0	3	12	86	122	99	56	12	1	0
BLACK AND OTHER	73	0	2	3	20	25	15	7	1	0	0
<b>NOT STATED</b>	15	0	1	3	3	5	1	1	0	0	1
WHITE	12	0	1	3	3	3	0	1	0	0	1
BLACK AND OTHER	3	0	0	0	0	2	1	0	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, 1960-2009**

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

<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, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	6,472	10.4	3,436	8.2	3,036	14.8
Autauga	65	9.5	47	9.1	18	10.6
Baldwin	182	8.6	139	7.6	43	14.5
Barbour	43	13.0	21	11.1	22	15.5
Bibb	30	13.0	24	13.8	6	10.5
Blount	36	5.1	34	4.9	2	11.8
Bullock	19	11.9	5	9.6	14	13.0
Butler	26	10.4	10	9.0	16	11.5
Calhoun	161	10.6	90	8.3	71	16.3
Chambers	46	11.5	15	7.0	31	16.7
Cherokee	21	9.0	19	8.6	2	16.7
Chilton	57	9.6	47	9.3	10	12.0
Choctaw	11	8.1	4	5.4	7	11.5
Clarke	35	11.7	10	7.4	25	15.2
Clay	22	14.7	17	13.4	5	21.7
Cleburne	18	9.9	17	9.6	1	25.0
Coffee	71	9.6	55	9.2	16	11.8
Colbert	51	8.1	35	6.8	16	14.2
Conecuh	15	10.8	8	14.8	7	8.2
Coosa	15	16.7	10	18.2	5	14.3
Covington	51	10.3	30	7.4	21	23.6
Crenshaw	15	8.8	8	6.5	7	14.6
Cullman	97	9.9	94	9.7	3	18.8
Dale	74	9.3	49	7.9	25	14.7
Dallas	84	11.9	9	6.6	75	13.2
DeKalb	89	9.5	85	9.6	4	8.7
Elmore	99	9.3	62	7.7	37	14.4
Escambia	57	11.9	29	9.5	28	15.9
Etowah	113	8.8	70	6.7	43	18.4
Fayette	15	8.0	10	6.1	5	21.7
Franklin	36	7.8	34	7.7	2	11.1
Geneva	25	9.3	18	7.5	7	24.1
Greene	32	25.8	9	56.3	23	21.3
Hale	31	15.3	7	9.6	24	18.6
Henry	17	8.6	9	6.5	8	13.6
Houston	134	9.4	70	7.7	64	12.5
Jackson	61	10.0	57	10.0	4	10.0
Jefferson	1,042	11.2	368	7.6	674	14.9
Lamar	17	11.8	11	8.9	6	30.0
Lauderdale	85	8.7	66	7.8	19	14.3
Lawrence	49	12.0	33	9.6	16	23.9
Lee	116	6.9	67	5.6	49	10.2
Limestone	101	9.9	81	9.0	20	16.5
Lowndes	19	10.8	0	0.0	19	13.3
Macon	33	14.0	9	18.4	24	12.8
Madison	443	10.4	215	7.7	228	15.6
Marengo	27	10.5	12	10.7	15	10.4
Marion	36	11.7	36	12.0	0	0.0
Marshall	124	8.3	106	8.5	18	7.2
Mobile	730	12.1	326	9.6	404	15.2
Monroe	50	18.7	17	14.8	33	21.6
Montgomery	398	11.9	80	7.0	318	14.4
Morgan	124	8.3	91	7.2	33	14.2
Perry	19	12.2	7	23.3	12	9.5
Pickens	36	13.3	14	10.6	22	15.9
Pike	40	9.4	19	7.5	21	12.1
Randolph	17	6.8	7	3.7	10	15.6
Russell	84	11.0	80	10.8	4	16.0
St. Clair	90	8.1	72	7.1	18	19.1
Shelby	200	8.0	156	7.3	44	12.5
Sumter	24	14.6	2	5.4	22	17.3
Talladega	110	11.2	53	8.7	57	15.2
Tallapoosa	76	15.4	38	11.7	38	22.4
Tuscaloosa	280	11.3	105	7.3	175	16.9
Walker	87	10.6	75	9.9	12	18.8
Washington	23	13.5	15	12.9	8	14.8
Wilcox	20	13.1	1	3.7	19	15.1
Winston	18	8.2	17	7.9	1	25.0

<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, 2009**

<b>RACE AND AGE OF MOTHER</b>	<b>TOTAL BIRTHS</b>	<b>LOW WEIGHT BIRTHS</b>	<b>PERCENT</b>	<b>UNKNOWN/ NOT STATED</b>
<b>TOTAL</b>	62,476	6,472	10.4	15
UNDER 15	161	23	14.3	0
15-17	2,492	276	11.1	1
18-19	5,712	685	12.0	3
20-24	18,911	2,002	10.6	3
25-29	18,082	1,730	9.6	5
30-34	11,577	1,131	9.8	1
35-39	4,597	506	11.0	1
40-44	894	107	12.0	0
45+	47	12	--	0
NOT STATED	3	0	--	1
<b>WHITE</b>	41,963	3,436	8.2	12
UNDER 15	60	5	8.3	0
15-17	1,313	112	8.5	1
18-19	3,396	328	9.7	3
20-24	11,748	937	8.0	3
25-29	12,889	983	7.6	3
30-34	8,531	693	8.1	0
35-39	3,345	307	9.2	1
40-44	637	61	9.6	0
45+	41	10	--	0
NOT STATED	3	0	--	1
<b>BLACK AND OTHER</b>	20,513	3,036	14.8	3
UNDER 15	101	18	17.8	0
15-17	1,179	164	13.9	0
18-19	2,316	357	15.4	0
20-24	7,163	1,065	14.9	0
25-29	5,193	747	14.4	2
30-34	3,046	438	14.4	1
35-39	1,252	199	15.9	0
40-44	257	46	17.9	0
45+	6	2	--	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, 1960-2009**

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 <sup>1</sup>	4,899	11.4	3,877	18.3
2008	8,567	13.3	10.4 <sup>1</sup>	4,742	11.1	3,825	17.8
2009	8,365	13.4	N/A	4,769	11.4	3,596	17.5

<sup>1</sup>Provisional data.

**TABLE 18**  
**BIRTHS TO TEENAGERS AS A PERCENT OF ALL BIRTHS**  
**BY COUNTY OF RESIDENCE AND RACE OF MOTHER**  
**ALABAMA, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	8,365	13.4	4,769	11.4	3,596	17.5
Autauga	77	11.3	54	10.5	23	13.5
Baldwin	255	12.0	202	11.0	53	17.9
Barbour	51	15.4	21	11.1	30	21.1
Bibb	31	13.4	24	13.8	7	12.3
Blount	96	13.5	93	13.4	3	17.6
Bullock	29	18.1	3	5.8	26	24.1
Butler	46	18.4	20	18.0	26	18.7
Calhoun	210	13.8	135	12.4	75	17.2
Chambers	69	17.2	31	14.4	38	20.4
Cherokee	40	17.2	40	18.1	0	0.0
Chilton	87	14.7	75	14.8	12	14.5
Choctaw	19	14.1	4	5.4	15	24.6
Clarke	52	17.3	19	14.0	33	20.1
Clay	25	16.7	21	16.5	4	17.4
Cleburne	34	18.7	33	18.5	1	25.0
Coffee	91	12.3	55	9.1	36	26.5
Colbert	116	18.4	88	17.0	28	24.8
Conecuh	22	15.8	12	22.2	10	11.8
Coosa	14	15.6	8	14.5	6	17.1
Covington	98	19.8	81	20.0	17	19.1
Crenshaw	23	13.5	19	15.4	4	8.3
Cullman	168	17.1	165	17.0	3	18.8
Dale	69	8.7	49	7.9	20	11.8
Dallas	142	20.2	24	17.5	118	20.8
DeKalb	132	14.1	125	14.0	7	15.2
Elmore	125	11.7	85	10.5	40	15.6
Escambia	100	20.8	57	18.7	43	24.4
Etowah	191	14.9	157	15.0	34	14.5
Fayette	25	13.3	22	13.3	3	13.0
Franklin	71	15.4	69	15.5	2	11.1
Geneva	42	15.6	36	14.9	6	20.7
Greene	24	19.4	3	18.8	21	19.4
Hale	24	11.9	5	6.8	19	14.7
Henry	28	14.1	17	12.2	11	18.6
Houston	207	14.5	113	12.4	94	18.4
Jackson	108	17.7	94	16.5	14	35.0
Jefferson	1,153	12.3	352	7.3	801	17.7
Lamar	28	19.4	22	17.7	6	30.0
Lauderdale	118	12.1	98	11.7	20	15.0
Lawrence	63	15.4	50	14.6	13	19.4
Lee	180	10.7	100	8.3	80	16.7
Limestone	121	11.8	108	12.0	13	10.7
Lowndes	26	14.8	0	0.0	26	18.2
Macon	44	18.6	7	14.3	37	19.8
Madison	415	9.7	211	7.5	204	13.9
Marengo	32	12.5	6	5.4	26	18.1
Marion	55	17.9	55	18.3	0	0.0
Marshall	227	15.1	195	15.6	32	12.7
Mobile	925	15.3	415	12.2	510	19.2
Monroe	58	21.6	21	18.3	37	24.2
Montgomery	461	13.7	89	7.7	372	16.8
Morgan	191	12.7	147	11.6	44	18.9
Perry	27	17.3	1	3.3	26	20.6
Pickens	31	11.5	9	6.8	22	15.9
Pike	54	12.7	21	8.3	33	19.1
Randolph	32	12.7	20	10.6	12	18.8
Russell	114	14.8	110	14.8	4	16.0
St. Clair	122	11.0	110	10.8	12	12.8
Shelby	160	6.4	128	6.0	32	9.1
Sumter	29	17.7	2	5.4	27	21.3
Talladega	155	15.8	75	12.3	80	21.3
Tallapoosa	87	17.6	55	17.0	32	18.8
Tuscaloosa	314	12.6	141	9.7	173	16.7
Walker	116	14.1	108	14.3	8	12.5
Washington	25	14.7	17	14.7	8	14.8
Wilcox	24	15.7	2	7.4	22	17.5
Winston	37	16.9	35	16.3	2	50.0

**TABLE 19  
RESIDENT BIRTHS TO TEENAGERS AND BIRTH RATES <sup>1</sup>  
BY RACE OF MOTHER AND COUNTY OF RESIDENCE  
ALABAMA, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	8,365	26.8	4,769	23.7	3,596	32.2
Autauga	77	19.6	54	18.1	23	24.3
Baldwin	255	22.8	202	21.7	53	28.7
Barbour	51	28.9	21	30.5	30	27.9
Bibb	31	22.4	24	23.6	7	19.1
Blount	96	25.4	93	25.9	3	15.5
Bullock	29	42.5	3	24.4	26	46.4
Butler	46	35.7	20	31.9	26	39.2
Calhoun	210	28.6	135	25.9	75	35.3
Chambers	69	31.8	31	26.9	38	37.3
Cherokee	40	29.2	40	31.4	0	0.0
Chilton	87	31.1	75	31.9	12	27.0
Choctaw	19	19.1	4	9.3	15	26.6
Clarke	52	26.6	19	20.5	33	32.2
Clay	25	29.6	21	31.2	4	23.3
Cleburne	34	37.1	33	39.1	1	13.7
Coffee	91	29.7	55	25.3	36	40.5
Colbert	116	33.6	88	33.3	28	34.6
Conecuh	22	26.3	12	29.6	10	23.1
Coosa	14	23.5	8	21.0	6	27.8
Covington	98	44.7	81	46.6	17	37.4
Crenshaw	23	25.4	19	30.4	4	14.3
Cullman	168	33.6	165	34.4	3	14.6
Dale	69	23.5	49	24.2	20	21.8
Dallas	142	46.5	24	37.2	118	49.0
DeKalb	132	29.4	125	29.3	7	31.3
Elmore	125	24.5	85	22.9	40	28.8
Escambia	100	43.1	57	42.7	43	43.6
Etowah	191	29.3	157	31.8	34	21.5
Fayette	25	22.0	22	23.7	3	14.5
Franklin	71	37.8	69	39.8	2	13.9
Geneva	42	27.7	36	28.2	6	25.3
Greene	24	38.6	3	37.0	21	38.9
Hale	24	18.5	5	10.8	19	22.8
Henry	28	26.4	17	26.3	11	26.7
Houston	207	32.6	113	28.0	94	40.5
Jackson	108	32.9	94	31.7	14	44.3
Jefferson	1,153	27.5	352	17.6	801	36.4
Lamar	28	32.0	22	30.6	6	38.5
Lauderdale	118	20.9	98	20.6	20	22.7
Lawrence	63	28.9	50	30.0	13	25.5
Lee	180	16.2	100	12.7	80	24.8
Limestone	121	24.6	108	26.4	13	15.7
Lowndes	26	28.0	0	0.0	26	37.6
Macon	44	22.2	7	37.6	37	20.6
Madison	415	18.3	211	14.8	204	24.2
Marengo	32	21.3	6	10.9	26	27.3
Marion	55	33.2	55	35.2	0	0.0
Marshall	227	40.0	195	36.5	32	95.2
Mobile	925	32.0	415	26.6	510	38.3
Monroe	58	35.6	21	26.2	37	44.6
Montgomery	461	29.8	89	17.9	372	35.5
Morgan	191	24.8	147	23.8	44	28.5
Perry	27	29.4	1	3.3	26	42.1
Pickens	31	24.4	9	14.7	22	33.4
Pike	54	23.5	21	16.5	33	32.4
Randolph	32	20.8	20	18.0	12	28.2
Russell	114	34.5	110	68.2	4	2.4
St. Clair	122	25.1	110	25.7	12	20.8
Shelby	160	12.5	128	11.9	32	15.6
Sumter	29	29.4	2	10.3	27	34.1
Talladega	155	30.0	75	24.0	80	39.3
Tallapoosa	87	35.6	55	35.8	32	35.3
Tuscaloosa	314	21.9	141	16.9	173	28.7
Walker	116	28.2	108	29.4	8	18.2
Washington	25	21.0	17	25.1	8	15.7
Wilcox	24	24.0	2	9.6	22	27.8
Winston	37	25.1	35	24.7	2	34.5

<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, 1960-2009 <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 <sup>3</sup>	3,014	61.5	3,627	93.6
2008	6,699	78.2	86.8 <sup>3</sup>	3,062	64.6	3,637	95.1
2009	6,616	79.1	N/A	3,210	67.3	3,406	94.7

<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.

<sup>3</sup>Provisional data.

**TABLE 21  
NUMBER AND PERCENT OF TEENAGE BIRTHS TO UNMARRIED WOMEN  
BY COUNTY OF RESIDENCE AND RACE OF MOTHER  
ALABAMA, 2009**

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	6,616	79.1	3,210	67.3	3,406	94.7
Autauga	64	83.1	42	77.8	22	95.7
Baldwin	202	79.2	153	75.7	49	92.5
Barbour	44	86.3	16	76.2	28	93.3
Bibb	27	87.1	20	83.3	7	100.0
Blount	58	60.4	55	59.1	3	100.0
Bullock	25	86.2	0	0.0	25	96.2
Butler	39	84.8	14	70.0	25	96.2
Calhoun	163	77.6	91	67.4	72	96.0
Chambers	61	88.4	24	77.4	37	97.4
Cherokee	30	75.0	30	75.0	0	0.0
Chilton	55	63.2	43	57.3	12	100.0
Choctaw	13	68.4	2	50.0	11	73.3
Clarke	47	90.4	14	73.7	33	100.0
Clay	21	84.0	18	85.7	3	75.0
Cleburne	20	58.8	19	57.6	1	100.0
Coffee	71	78.0	36	65.5	35	97.2
Colbert	96	82.8	68	77.3	28	100.0
Conecuh	19	86.4	9	75.0	10	100.0
Coosa	9	64.3	4	50.0	5	83.3
Covington	79	80.6	62	76.5	17	100.0
Crenshaw	18	78.3	14	73.7	4	100.0
Cullman	105	62.5	102	61.8	3	100.0
Dale	48	69.6	30	61.2	18	90.0
Dallas	129	90.8	16	66.7	113	95.8
DeKalb	80	60.6	75	60.0	5	71.4
Elmore	101	80.8	65	76.5	36	90.0
Escambia	82	82.0	43	75.4	39	90.7
Etowah	131	68.6	99	63.1	32	94.1
Fayette	15	60.0	12	54.5	3	100.0
Franklin	35	49.3	33	47.8	2	100.0
Geneva	33	78.6	27	75.0	6	100.0
Greene	23	95.8	2	66.7	21	100.0
Hale	21	87.5	2	40.0	19	100.0
Henry	24	85.7	13	76.5	11	100.0
Houston	161	77.8	74	65.5	87	92.6
Jackson	79	73.1	66	70.2	13	92.9
Jefferson	987	85.6	221	62.8	766	95.6
Lamar	20	71.4	14	63.6	6	100.0
Lauderdale	87	73.7	67	68.4	20	100.0
Lawrence	48	76.2	35	70.0	13	100.0
Lee	113	62.8	49	49.0	64	80.0
Limestone	96	79.3	84	77.8	12	92.3
Lowndes	24	92.3	0	0.0	24	92.3
Macon	35	79.5	4	57.1	31	83.8
Madison	344	82.9	147	69.7	197	96.6
Marengo	31	96.9	6	100.0	25	96.2
Marion	32	58.2	32	58.2	0	0.0
Marshall	139	61.2	126	64.6	13	40.6
Mobile	796	86.1	302	72.8	494	96.9
Monroe	56	96.6	19	90.5	37	100.0
Montgomery	418	90.7	52	58.4	366	98.4
Morgan	150	78.5	107	72.8	43	97.7
Perry	27	100.0	1	100.0	26	100.0
Pickens	28	90.3	6	66.7	22	100.0
Pike	48	88.9	16	76.2	32	97.0
Randolph	30	93.8	18	90.0	12	100.0
Russell	91	79.8	90	81.8	1	25.0
St. Clair	77	63.1	69	62.7	8	66.7
Shelby	92	57.5	68	53.1	24	75.0
Sumter	27	93.1	1	50.0	26	96.3
Talladega	143	92.3	63	84.0	80	100.0
Tallapoosa	68	78.2	38	69.1	30	93.8
Tuscaloosa	272	86.6	109	77.3	163	94.2
Walker	51	44.0	44	40.7	7	87.5
Washington	13	52.0	6	35.3	7	87.5
Wilcox	23	95.8	2	100.0	21	95.5
Winston	22	59.5	21	60.0	1	50.0

**TABLE 22**  
**FERTILITY RATES AND AGE-SPECIFIED BIRTH RATES <sup>1</sup>**  
**ALABAMA, SELECTED YEARS 1940-2009**

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	1.1	52.0	123.4	113.8	77.5	31.0	5.4	0.2
2009	1957.5	65.7	1.1	50.7	115.4	111.2	77.7	29.5	5.7	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 1970-2009**

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	2005.5	66.3	0.6	46.0	112.0	120.1	85.2	31.1	5.8	0.3

<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 1970-2009**

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	1849.5	64.6	1.9	58.7	121.4	94.0	62.3	26.0	5.5	0.1

<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, 2009**

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>	85,313	89.8	62,476	9,392	13,445	54,518	86.2	41,963	3,780	8,775	30,795	97.0	20,513	5,612	4,670
Autauga	908	87.9	684	80	144	658	82.5	514	38	106	250	106.0	170	42	38
Baldwin	2,686	82.6	2,125	124	437	2,301	82.3	1,829	97	375	385	84.3	296	27	62
Barbour	448	91.2	331	47	70	237	107.6	189	10	38	211	77.9	142	37	32
Bibb	309	75.7	231	29	49	228	72.9	174	18	36	81	84.8	57	11	13
Blount	907	81.4	711	49	147	883	82.8	694	46	143	24	51.1	17	3	4
Bullock	210	120.0	160	16	34	63	190.3	52	0	11	147	103.6	108	16	23
Butler	335	90.2	250	32	53	143	78.8	111	9	23	192	101.2	139	23	30
Calhoun	2,055	91.0	1,525	205	325	1,414	84.2	1,089	98	227	641	110.5	436	107	98
Chambers	532	83.3	401	46	85	271	76.4	215	11	45	261	91.8	186	35	40
Cherokee	293	68.8	233	12	48	276	70.4	221	10	45	17	49.6	12	2	3
Chilton	762	90.4	591	47	124	650	90.3	508	36	106	112	91.4	83	11	18
Choctaw	187	73.4	135	22	30	96	74.7	74	6	16	91	72.2	61	16	14
Clarke	397	80.5	300	34	63	178	73.9	136	14	28	219	86.9	164	20	35
Clay	185	78.7	150	4	31	156	83.7	127	3	26	29	59.7	23	1	5
Cleburne	237	85.8	182	18	37	229	88.8	178	15	36	8	44.2	4	3	1
Coffee	945	94.9	738	54	153	756	100.5	602	31	123	189	77.7	136	23	30
Colbert	827	80.7	630	64	133	667	82.5	517	42	108	160	73.9	113	22	25
Conecuh	183	80.2	139	15	29	67	61.5	54	2	11	116	97.2	85	13	18
Coosa	127	71.8	90	17	20	70	61.2	55	3	12	57	91.2	35	14	8
Covington	617	95.2	495	20	102	505	94.8	406	16	83	112	97.3	89	4	19
Crenshaw	229	90.4	171	21	37	159	88.7	123	10	26	70	94.7	48	11	11
Cullman	1,247	81.9	984	60	203	1,224	83.3	968	56	200	23	43.3	16	4	3
Dale	1,017	102.4	793	59	165	788	111.5	623	36	129	229	79.8	170	23	36
Dallas	970	118.7	704	114	152	177	95.8	137	12	28	793	125.4	567	102	124
DeKalb	1,180	90.4	937	51	192	1,119	90.0	891	46	182	61	98.2	46	5	10
Elmore	1,411	90.4	1,066	121	224	1,047	90.6	809	70	168	364	89.8	257	51	56
Escambia	600	91.4	481	21	98	380	95.5	305	13	62	220	85.1	176	8	36
Etowah	1,707	88.2	1,282	153	272	1,351	87.1	1,048	85	218	356	92.9	234	68	54
Fayette	245	78.5	188	18	39	216	82.0	165	16	35	29	59.5	23	2	4
Franklin	574	103.2	462	18	94	548	105.2	444	14	90	26	73.7	18	4	4
Geneva	335	73.3	270	10	55	297	75.8	241	7	49	38	58.6	29	3	6
Greene	194	121.6	124	41	29	23	102.2	16	3	4	171	124.7	108	38	25
Hale	301	91.4	202	53	46	95	81.7	73	6	16	206	96.7	129	47	30

<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, 2009**

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	256	86.0	198	16	42	176	91.7	139	8	29	80	75.6	59	8	13			
Houston	1,837	93.5	1,425	116	296	1,160	88.5	913	59	188	677	103.4	512	57	108			
Jackson	777	78.7	610	40	127	715	79.8	570	27	118	62	68.1	40	13	9			
Jefferson	13,617	98.6	9,346	2,183	2,088	6,445	91.4	4,815	606	1,024	7,172	106.2	4,531	1,577	1,064			
Lamar	197	79.7	144	22	31	163	77.3	124	14	25	34	93.4	20	8	6			
Lauderdale	1,279	71.7	974	100	205	1,086	71.0	841	70	175	193	76.0	133	30	30			
Lawrence	525	79.2	410	30	85	427	84.3	343	14	70	98	62.5	67	16	15			
Lee	2,292	64.7	1,681	249	362	1,580	61.0	1,201	126	253	712	74.6	480	123	109			
Limestone	1,348	88.7	1,025	106	217	1,174	91.9	903	81	190	174	71.9	122	25	27			
Lowndes	248	106.6	176	33	39	42	80.0	33	2	7	206	114.4	143	31	32			
Macon	394	76.0	236	100	58	66	113.4	49	6	11	328	71.2	187	94	47			
Madison	6,121	89.2	4,269	907	945	3,792	85.8	2,806	386	600	2,329	95.3	1,463	521	345			
Marengo	341	85.9	256	31	54	138	87.0	112	4	22	203	85.2	144	27	32			
Marion	399	79.4	308	26	65	384	80.6	301	20	63	15	57.7	7	6	2			
Marshall	1,924	115.5	1,501	111	312	1,609	101.7	1,250	99	260	315	374.1	251	12	52			
Mobile	8,229	95.6	6,057	873	1,299	4,411	88.5	3,404	296	711	3,818	105.3	2,653	577	588			
Monroe	341	80.1	268	16	57	139	64.0	115	0	24	202	97.0	153	16	33			
Montgomery	4,989	102.1	3,358	872	759	1,520	91.6	1,149	129	242	3,469	107.6	2,209	743	517			
Morgan	1,983	89.7	1,503	163	317	1,644	90.3	1,270	109	265	339	87.1	233	54	52			
Perry	215	96.7	156	25	34	37	59.4	30	1	6	178	111.2	126	24	28			
Pickens	384	104.7	270	53	61	175	98.3	132	14	29	209	110.7	138	39	32			
Pike	600	82.9	426	81	93	333	81.5	253	27	53	267	84.7	173	54	40			
Randolph	319	77.1	252	16	51	234	77.1	188	8	38	85	77.1	64	8	13			
Russell	1,022	95.0	770	89	163	935	171.9	745	37	153	87	16.4	25	52	10			
St. Clair	1,432	89.7	1,109	92	231	1,296	91.4	1,015	71	210	136	75.9	94	21	21			
Shelby	3,318	81.5	2,494	295	529	2,800	81.4	2,141	209	450	518	81.8	353	86	79			
Sumter	237	85.3	164	37	36	46	72.9	37	2	7	191	89.0	127	35	29			
Talladega	1,326	86.9	984	131	211	790	83.5	609	53	128	536	92.4	375	78	83			
Tallapoosa	666	90.9	494	66	106	428	87.3	324	35	69	238	98.3	170	31	37			
Tuscaloosa	3,736	83.9	2,484	685	567	2,047	74.7	1,448	281	318	1,689	98.8	1,036	404	249			
Walker	1,104	88.2	821	108	175	1,003	87.8	757	86	160	101	93.1	64	22	15			
Washington	219	67.7	170	14	35	144	72.8	116	5	23	75	59.6	54	9	12			
Wilcox	204	84.9	153	20	31	37	79.9	27	5	5	167	86.1	126	15	26			
Winston	274	64.2	219	11	44	270	64.9	215	11	44	4	37.7	4	0	0			

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, 2000-2009**

AGE GROUP	YEAR									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ALL RACES</b>										
TOTAL	91.3	88.0	85.0	86.5	86.2	87.2	91.1	92.7	93.4	89.8
10-19	46.1	41.9	39.3	38.4	38.8	37.5	39.6	39.7	39.2	37.9
10-14	2.2	2.0	2.0	2.1	2.0	1.8	1.8	1.6	1.9	1.8
15-17	51.7	45.6	43.7	42.1	41.9	39.2	40.6	41.5	38.0	37.2
18-19	144.2	133.4	123.7	125.0	125.8	121.1	128.7	126.8	128.3	122.9
20-49	76.2	73.9	71.4	72.6	72.0	73.4	76.5	78.2	77.9	76.2
<b>WHITE</b>										
TOTAL	86.1	84.0	82.1	83.9	82.7	83.5	87.0	88.6	88.6	86.2
10-19	38.1	35.5	33.4	32.6	33.0	31.5	32.9	33.2	32.4	32.1
10-14	1.0	1.0	0.8	0.9	0.9	0.8	0.9	0.6	0.9	0.9
15-17	41.3	35.6	34.3	33.6	33.0	30.3	31.0	32.9	29.7	29.4
18-19	124.7	119.8	111.7	111.8	113.2	108.1	113.2	112.0	112.1	111.1
20-49	72.7	71.3	69.8	71.2	69.8	71.1	73.9	75.4	74.3	73.5
<b>BLACK AND OTHER</b>										
TOTAL	102.3	96.3	90.8	91.9	93.6	94.8	99.6	101.0	103.0	97.0
10-19	60.3	53.2	49.6	48.8	49.4	48.4	51.6	51.3	51.6	48.4
10-14	4.5	3.9	4.0	4.1	3.9	3.8	3.5	3.5	3.8	3.5
15-17	69.8	62.8	60.1	57.3	57.7	55.0	57.6	56.3	52.2	50.7
18-19	177.9	157.0	144.4	148.4	148.4	144.3	156.3	152.6	156.0	143.3
20-49	83.7	79.7	75.0	75.5	76.9	78.6	82.2	84.3	85.5	82.1

<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 2009**

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>	85,313	272	3,617	7,961	11,850	73,460	3	
WHITE	54,518	91	1,806	4,547	6,444	48,071	3	
BLACK AND OTHER	30,795	181	1,811	3,414	5,406	25,389	0	
<b>ESTIMATED PREGNANCY RATE</b>	89.8	1.8	37.2	122.9	37.9	76.2	--	
WHITE	86.2	0.9	29.4	111.1	32.1	73.5	--	
BLACK AND OTHER	97.0	3.5	50.7	143.3	48.4	82.1	--	
<b>FEMALE POPULATION</b>	950,315	150,778	97,125	64,751	312,654	963,650	--	
WHITE	632,826	98,744	61,378	40,919	201,041	654,419	--	
BLACK AND OTHER	317,489	52,034	35,747	23,832	111,613	309,231	--	
<b>LIVE BIRTHS</b>	62,476	161	2,492	5,712	8,365	54,108	3	
WHITE	41,963	60	1,313	3,396	4,769	37,191	3	
BLACK AND OTHER	20,513	101	1,179	2,316	3,596	16,917	0	
<b>ABORTIONS</b>	9,392	81	564	999	1,644	7,748	0	
WHITE	3,780	21	208	425	654	3,126	0	
BLACK AND OTHER	5,612	60	356	574	990	4,622	0	
<b>ESTIMATED TOTAL FETAL LOSSES</b>	13,445	30	561	1,250	1,841	11,604	0	
WHITE	8,775	10	285	726	1,021	7,754	0	
BLACK AND OTHER	4,670	20	276	524	820	3,850	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, 2009**

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>	11,850	37.9	8,365	1,644	1,841	6,444	32.1	4,769	654	1,021	5,406	48.4	3,596	990	820
Autauga	115	29.2	77	21	17	81	27.1	54	15	12	34	36.0	23	6	5
Baldwin	329	29.5	255	22	52	257	27.6	202	14	41	72	38.9	53	8	11
Barbour	69	39.1	51	8	10	27	39.2	21	2	4	42	39.0	30	6	6
Bibb	47	34.0	31	9	7	33	32.4	24	4	5	14	38.1	7	5	2
Blount	125	33.1	96	9	20	121	33.7	93	9	19	4	20.7	3	0	1
Bullock	39	57.1	29	4	6	4	32.5	3	0	1	35	62.5	26	4	5
Butler	59	45.8	46	4	9	25	39.9	20	1	4	34	51.3	26	3	5
Calhoun	287	39.1	210	32	45	179	34.3	135	16	28	108	50.9	75	16	17
Chambers	95	43.7	69	11	15	42	36.4	31	4	7	53	52.0	38	7	8
Cherokee	49	35.8	40	1	8	49	38.5	40	1	8	0	0.0	0	0	0
Chilton	115	41.1	87	9	19	97	41.2	75	6	16	18	40.4	12	3	3
Choctaw	26	26.2	19	3	4	6	13.9	4	1	1	20	35.5	15	2	3
Clarke	69	35.3	52	6	11	26	28.0	19	3	4	43	42.0	33	3	7
Clay	31	36.7	25	1	5	25	37.1	21	0	4	6	34.9	4	1	1
Cleburne	42	45.9	34	2	6	41	48.6	33	2	6	1	13.7	1	0	0
Coffee	125	40.8	91	14	20	76	34.9	55	9	12	49	55.2	36	5	8
Colbert	161	46.7	116	20	25	120	45.4	88	13	19	41	50.6	28	7	6
Conecuh	28	33.4	22	2	4	14	34.5	12	0	2	14	32.4	10	2	2
Coosa	19	31.8	14	2	3	10	26.2	8	0	2	9	41.7	6	2	1
Covington	126	57.5	98	7	21	103	59.3	81	5	17	23	50.5	17	2	4
Crenshaw	34	37.6	23	6	5	26	41.6	19	3	4	8	28.7	4	3	1
Cullman	217	43.3	168	14	35	213	44.4	165	13	35	4	19.5	3	1	0
Dale	94	32.0	69	10	15	67	33.1	49	7	11	27	29.5	20	3	4
Dallas	197	64.6	142	24	31	34	52.7	24	5	5	163	67.7	118	19	26
DeKalb	167	37.2	132	8	27	157	36.9	125	7	25	10	44.6	7	1	2
Elmore	175	34.3	125	24	26	118	31.7	85	15	18	57	41.0	40	9	8
Escambia	124	53.4	100	4	20	71	53.2	57	3	11	53	53.7	43	1	9
Etowah	263	40.4	191	31	41	209	42.4	157	19	33	54	34.1	34	12	8
Fayette	36	31.7	25	6	5	33	35.6	22	6	5	3	14.5	3	0	0
Franklin	87	46.4	71	2	14	85	49.0	69	2	14	2	13.9	2	0	0
Geneva	52	34.3	42	2	8	45	35.2	36	2	7	7	29.5	6	0	1
Greene	38	61.2	24	8	6	4	49.4	3	0	1	34	63.0	21	8	5
Hale	37	28.5	24	7	6	9	19.5	5	2	2	28	33.6	19	5	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, 2009**

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>	11,850	37.9	8,365	1,644	1,841	6,444	32.1	4,769	654	1,021	5,406	48.4	3,596	990	820
Henry	41	38.7	28	6	7	24	37.1	17	3	4	17	41.3	11	3	3
Houston	270	42.5	207	20	43	146	36.2	113	10	23	124	53.4	94	10	20
Jackson	137	41.7	108	6	23	118	39.8	94	4	20	19	60.1	14	2	3
Jefferson	1,749	41.6	1,153	332	264	505	25.2	352	75	78	1,244	56.6	801	257	186
Lamar	40	45.7	28	6	6	31	43.1	22	5	4	9	57.7	6	1	2
Lauderdale	163	28.9	118	19	26	132	27.7	98	13	21	31	35.2	20	6	5
Lawrence	82	37.7	63	6	13	62	37.2	50	2	10	20	39.2	13	4	3
Lee	278	25.0	180	55	43	148	18.8	100	25	23	130	40.3	80	30	20
Limestone	173	35.1	121	24	28	153	37.3	108	20	25	20	24.2	13	4	3
Lowndes	39	41.9	26	7	6	1	4.2	0	1	0	38	54.9	26	6	6
Macon	85	43.0	44	29	12	10	53.8	7	1	2	75	41.9	37	28	10
Madison	647	28.5	415	135	97	317	22.2	211	58	48	330	39.1	204	77	49
Marengo	45	29.9	32	6	7	7	12.7	6	0	1	38	39.9	26	6	6
Marion	70	42.3	55	3	12	70	44.8	55	3	12	0	0.0	0	0	0
Marshall	295	52.0	227	20	48	252	47.2	195	16	41	43	128.0	32	4	7
Mobile	1,266	43.8	925	141	200	545	34.9	415	42	88	721	54.2	510	99	112
Monroe	72	44.2	58	1	13	26	32.5	21	0	5	46	55.5	37	1	8
Montgomery	715	46.3	461	147	107	129	25.9	89	21	19	586	56.0	372	126	88
Morgan	273	35.4	191	40	42	204	33.1	147	25	32	69	44.6	44	15	10
Perry	42	45.7	27	9	6	2	6.6	1	1	0	40	64.8	26	8	6
Pickens	54	42.6	31	14	9	15	24.5	9	3	3	39	59.3	22	11	6
Pike	80	34.9	54	14	12	27	21.2	21	2	4	53	52.0	33	12	8
Randolph	42	27.3	32	4	6	25	22.5	20	1	4	17	39.9	12	3	2
Russell	157	47.5	114	18	25	139	86.2	110	6	23	18	10.6	4	12	2
St. Clair	163	33.6	122	15	26	145	33.9	110	12	23	18	31.3	12	3	3
Shelby	249	19.4	160	51	38	194	18.0	128	36	30	55	26.8	32	15	8
Sumter	43	43.6	29	8	6	2	10.3	2	0	0	41	51.8	27	8	6
Talladega	212	41.1	155	22	35	99	31.7	75	7	17	113	55.5	80	15	18
Tallapoosa	123	50.3	87	17	19	74	48.1	55	7	12	49	54.0	32	10	7
Tuscaloosa	503	35.0	314	114	75	223	26.7	141	49	33	280	46.5	173	65	42
Walker	158	38.4	116	17	25	145	39.5	108	14	23	13	29.5	8	3	2
Washington	30	25.3	25	0	5	20	29.5	17	0	3	10	19.6	8	0	2
Wilcox	31	31.1	24	3	4	3	14.4	2	1	0	28	35.4	22	2	4
Winston	46	31.2	37	2	7	44	31.1	35	2	7	2	34.5	2	0	0

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, 1945-2009**

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. RATIO	ALABAMA		ALABAMA	
	NUMBER	RATIO		NUMBER	RATIO	NUMBER	RATIO
1945	2,032	29.0	23.9	958	21.8	1,074	40.9
1946	2,295	29.1	22.8	1,142	22.4	1,153	41.2
1947	2,454	27.9	21.1	1,197	20.7	1,257	41.6
1948	2,310	27.0	20.6	1,085	20.2	1,225	38.6
1949	2,296	27.2	19.8	1,053	20.2	1,243	38.5
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

<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, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATIO	NUMBER	RATIO	NUMBER	RATIO
<b>TOTAL</b>	548	8.8	250	6.0	298	14.5
Autauga	3	4.4	1	1.9	2	11.8
Baldwin	9	4.2	8	4.4	1	3.4
Barbour	2	6.0	0	0.0	2	14.1
Bibb	3	13.0	2	11.5	1	17.5
Blount	4	5.6	4	5.8	0	0.0
Bullock	3	18.8	0	0.0	3	27.8
Butler	2	8.0	1	9.0	1	7.2
Calhoun	7	4.6	3	2.8	4	9.2
Chambers	2	5.0	1	4.7	1	5.4
Cherokee	0	0.0	0	0.0	0	0.0
Chilton	5	8.5	4	7.9	1	12.0
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	2	6.7	0	0.0	2	12.2
Clay	0	0.0	0	0.0	0	0.0
Cleburne	0	0.0	0	0.0	0	0.0
Coffee	7	9.5	4	6.6	3	22.1
Colbert	6	9.5	3	5.8	3	26.5
Conecuh	4	28.8	2	37.0	2	23.5
Coosa	3	33.3	1	18.2	2	57.1
Covington	1	2.0	1	2.5	0	0.0
Crenshaw	2	11.7	0	0.0	2	41.7
Cullman	7	7.1	4	4.1	3	187.5
Dale	4	5.0	3	4.8	1	5.9
Dallas	11	15.6	1	7.3	10	17.6
DeKalb	6	6.4	6	6.7	0	0.0
Elmore	7	6.6	5	6.2	2	7.8
Escambia	6	12.5	2	6.6	4	22.7
Etowah	4	3.1	3	2.9	1	4.3
Fayette	1	5.3	1	6.1	0	0.0
Franklin	2	4.3	2	4.5	0	0.0
Geneva	2	7.4	2	8.3	0	0.0
Greene	3	24.2	0	0.0	3	27.8
Hale	3	14.9	0	0.0	3	23.3
Henry	0	0.0	0	0.0	0	0.0
Houston	17	11.9	7	7.7	10	19.5
Jackson	7	11.5	7	12.3	0	0.0
Jefferson	89	9.5	36	7.5	53	11.7
Lamar	3	20.8	2	16.1	1	50.0
Lauderdale	8	8.2	8	9.5	0	0.0
Lawrence	4	9.8	2	5.8	2	29.9
Lee	21	12.5	5	4.2	16	33.3
Limestone	7	6.8	6	6.6	1	8.2
Lowndes	5	28.4	0	0.0	5	35.0
Macon	7	29.7	1	20.4	6	32.1
Madison	43	10.1	15	5.3	28	19.1
Marengo	3	11.7	0	0.0	3	20.8
Marion	3	9.7	3	10.0	0	0.0
Marshall	12	8.0	10	8.0	2	8.0
Mobile	46	7.6	12	3.5	34	12.8
Monroe	3	11.2	1	8.7	2	13.1
Montgomery	43	12.8	7	6.1	36	16.3
Morgan	16	10.6	10	7.9	6	25.8
Perry	2	12.8	1	33.3	1	7.9
Pickens	3	11.1	1	7.6	2	14.5
Pike	6	14.1	2	7.9	4	23.1
Randolph	3	11.9	1	5.3	2	31.3
Russell	0	0.0	0	0.0	0	0.0
St. Clair	16	14.4	14	13.8	2	21.3
Shelby	8	3.2	5	2.3	3	8.5
Sumter	0	0.0	0	0.0	0	0.0
Talladega	6	6.1	2	3.3	4	10.7
Tallapoosa	5	10.1	4	12.3	1	5.9
Tuscaloosa	20	8.1	9	6.2	11	10.6
Walker	11	13.4	11	14.5	0	0.0
Washington	3	17.6	2	17.2	1	18.5
Wilcox	5	32.7	0	0.0	5	39.7
Winston	2	9.1	2	9.3	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, 1945-2009**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1945	25,368	8.5	10.6	14,548	7.4	10.4	10,820	10.7	11.9
1946	24,491	8.2	10.0	14,148	7.1	9.8	10,343	10.1	11.1
1947	26,074	8.7	10.1	15,127	7.5	9.9	10,947	11.1	11.4
1948	26,464	8.8	9.9	15,398	7.6	9.7	11,066	11.2	11.4
1949	26,609	8.7	9.7	15,240	7.4	9.5	11,369	11.6	11.2
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	N/A	11,015	8.2	N/A
2008	47,601	10.2	8.1 <sup>2</sup>	36,290	11.0	N/A	11,311	8.4	N/A
2009	47,278	10.0	7.9 <sup>2</sup>	36,141	10.8	N/A	11,137	8.1	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, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	47,278	10.0	36,141	10.8	11,137	8.1
Autauga	412	8.1	344	8.5	68	6.5
Baldwin	1,702	9.5	1,554	9.8	148	6.8
Barbour	296	10.0	172	11.2	124	8.6
Bibb	213	9.9	175	10.6	38	7.6
Blount	552	9.5	542	9.7	10	4.5
Bullock	113	10.3	33	9.9	80	10.5
Butler	243	12.2	157	13.8	86	10.0
Calhoun	1,339	11.7	1,124	12.7	215	8.4
Chambers	449	13.1	310	14.8	139	10.4
Cherokee	299	12.2	285	12.6	14	7.9
Chilton	446	10.4	399	10.6	47	8.6
Choctaw	169	12.1	91	11.7	78	12.5
Clarke	298	11.4	167	11.6	131	11.2
Clay	205	15.0	183	16.2	22	9.3
Cleburne	182	12.3	171	12.3	11	12.9
Coffee	494	10.2	397	10.5	97	9.1
Colbert	637	11.7	528	11.8	109	10.8
Conecuh	177	13.7	118	16.5	59	10.2
Coosa	134	12.7	89	12.4	45	13.4
Covington	498	13.6	447	14.3	51	9.3
Crenshaw	181	13.1	125	12.4	56	15.2
Cullman	929	11.4	924	11.7	5	1.8
Dale	500	10.4	390	10.8	110	9.2
Dallas	523	12.5	223	17.1	300	10.4
DeKalb	743	10.7	731	11.0	12	3.8
Elmore	667	8.4	549	9.1	118	6.2
Escambia	429	11.5	316	13.4	113	8.2
Etowah	1,452	14.0	1,266	14.7	186	10.7
Fayette	238	13.7	205	13.7	33	13.9
Franklin	379	12.2	371	12.7	8	4.1
Geneva	339	13.1	302	13.3	37	11.5
Greene	87	9.9	20	11.2	67	9.5
Hale	170	9.5	79	10.6	91	8.6
Henry	206	12.4	163	14.2	43	8.3
Houston	984	9.8	770	10.7	214	7.6
Jackson	623	11.8	609	12.6	14	3.2
Jefferson	6,795	10.2	4,250	11.4	2,545	8.7
Lamar	198	13.9	179	14.4	19	10.6
Lauderdale	1,028	11.5	943	12.0	85	7.9
Lawrence	382	11.2	347	12.9	35	4.9
Lee	805	5.9	571	5.7	234	6.4
Limestone	627	8.0	569	8.6	58	4.7
Lowndes	142	11.6	53	14.9	89	10.2
Macon	270	12.4	44	12.6	226	12.4
Madison	2,501	7.6	2,012	8.7	489	5.1
Marengo	236	11.3	114	11.3	122	11.2
Marion	391	13.4	380	13.8	11	6.7
Marshall	1,049	11.6	1,036	12.0	13	3.1
Mobile	4,064	9.9	2,730	10.8	1,334	8.5
Monroe	244	10.9	146	11.5	98	10.1
Montgomery	2,013	9.0	1,097	11.4	916	7.2
Morgan	1,127	9.6	1,032	10.3	95	5.4
Perry	137	12.9	47	14.0	90	12.4
Pickens	251	13.1	158	14.5	93	11.1
Pike	313	10.3	210	11.5	103	8.4
Randolph	265	11.7	215	12.4	50	9.5
Russell	507	10.0	336	11.8	171	7.6
St. Clair	749	9.1	692	9.5	57	6.3
Shelby	1,139	5.9	1,048	6.3	91	3.6
Sumter	151	11.7	50	14.5	101	10.7
Talladega	936	11.7	686	12.8	250	9.4
Tallapoosa	517	12.6	395	13.2	122	11.0
Tuscaloosa	1,602	8.7	1,139	9.3	463	7.5
Walker	908	13.2	859	13.6	49	8.8
Washington	208	12.2	143	12.9	65	10.9
Wilcox	125	10.1	43	12.6	82	9.1
Winston	290	12.1	288	12.3	2	3.3

<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, 2009**

COUNTY	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	<b>47,278</b>	<b>10.0</b>	<b>23,780</b>	<b>10.4</b>	<b>23,498</b>	<b>9.7</b>
Autauga	412	8.1	224	9.1	188	7.2
Baldwin	1,702	9.5	926	10.5	776	8.5
Barbour	296	10.0	152	9.6	144	10.3
Bibb	213	9.9	116	10.3	97	9.4
Blount	552	9.5	272	9.4	280	9.6
Bullock	113	10.3	64	10.5	49	10.0
Butler	243	12.2	130	13.8	113	10.7
Calhoun	1,339	11.7	672	12.3	667	11.2
Chambers	449	13.1	221	13.6	228	12.6
Cherokee	299	12.2	149	12.6	150	11.9
Chilton	446	10.4	228	10.7	218	10.1
Choctaw	169	12.1	90	13.7	79	10.6
Clarke	298	11.4	145	11.7	153	11.2
Clay	205	15.0	99	14.7	106	15.4
Cleburne	182	12.3	93	12.5	89	12.2
Coffee	494	10.2	245	10.4	249	10.0
Colbert	637	11.7	316	12.0	321	11.3
Conecuh	177	13.7	86	14.1	91	13.3
Coosa	134	12.7	66	12.6	68	12.8
Covington	498	13.6	241	13.7	257	13.4
Crenshaw	181	13.1	82	12.5	99	13.7
Cullman	929	11.4	457	11.3	472	11.5
Dale	500	10.4	269	11.5	231	9.4
Dallas	523	12.5	276	14.4	247	10.8
DeKalb	743	10.7	379	11.1	364	10.3
Elmore	667	8.4	339	8.5	328	8.4
Escambia	429	11.5	247	13.0	182	9.9
Etowah	1,452	14.0	690	13.9	762	14.2
Fayette	238	13.7	104	12.3	134	15.0
Franklin	379	12.2	189	12.1	190	12.3
Geneva	339	13.1	170	13.4	169	12.7
Greene	87	9.9	42	10.2	45	9.6
Hale	170	9.5	90	9.9	80	9.0
Henry	206	12.4	116	14.5	90	10.4
Houston	984	9.8	503	10.6	481	9.2
Jackson	623	11.8	320	12.4	303	11.2
Jefferson	6,795	10.2	3,305	10.5	3,490	10.0
Lamar	198	13.9	95	13.8	103	14.1
Lauderdale	1,028	11.5	506	11.9	522	11.1
Lawrence	382	11.2	197	11.8	185	10.7
Lee	805	5.9	406	6.1	399	5.8
Limestone	627	8.0	309	7.8	318	8.2
Lowndes	142	11.6	79	13.8	63	9.6
Macon	270	12.4	160	16.0	110	9.3
Madison	2,501	7.6	1,264	7.9	1,237	7.4
Marengo	236	11.3	129	13.0	107	9.7
Marion	391	13.4	202	13.9	189	12.9
Marshall	1,049	11.6	512	11.5	537	11.7
Mobile	4,064	9.9	2,070	10.5	1,994	9.3
Monroe	244	10.9	135	12.6	109	9.3
Montgomery	2,013	9.0	967	9.1	1,046	8.9
Morgan	1,127	9.6	548	9.5	579	9.7
Perry	137	12.9	68	13.8	69	12.1
Pickens	251	13.1	127	14.0	124	12.2
Pike	313	10.3	157	10.9	156	9.7
Randolph	265	11.7	145	13.3	120	10.3
Russell	507	10.0	258	10.7	249	9.3
St. Clair	749	9.1	392	9.5	357	8.8
Shelby	1,139	5.9	536	5.6	603	6.2
Sumter	151	11.7	72	12.4	79	11.2
Talladega	936	11.7	466	11.9	470	11.5
Tallapoosa	517	12.6	266	13.5	251	11.8
Tuscaloosa	1,602	8.7	791	8.9	811	8.5
Walker	908	13.2	481	14.5	427	12.0
Washington	208	12.2	108	13.0	100	11.4
Wilcox	125	10.1	64	11.3	61	9.1
Winston	290	12.1	157	13.3	133	10.9

<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, 2009**

MONTH	TOTAL		WHITE		BLACK AND OTHER	
	DEATH	RATE	DEATH	RATE	DEATH	RATE
<b>TOTAL</b>	47,278	10.0	36,141	10.8	11,137	8.1
JANUARY	4,199	10.5	3,133	11.0	1,066	9.2
FEBRUARY	3,804	10.5	2,921	11.4	883	8.4
MARCH	4,195	10.5	3,203	11.3	992	8.5
APRIL	3,915	10.1	3,012	11.0	903	8.0
MAY	3,927	9.8	2,987	10.5	940	8.1
JUNE	3,718	9.6	2,840	10.3	878	7.8
JULY	3,862	9.7	2,991	10.5	871	7.5
AUGUST	3,756	9.4	2,899	10.2	857	7.4
SEPTEMBER	3,679	9.5	2,822	10.3	857	7.6
OCTOBER	4,072	10.2	3,089	10.9	983	8.5
NOVEMBER	3,801	9.8	2,910	10.6	891	7.9
DECEMBER	4,350	10.9	3,334	11.8	1,016	8.7

<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, 2009

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER			
	TOTAL	RATE		MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE
ALL CAUSES	47,278	10.0	18,117	11.0	18,024	10.6	5,663	8.8	5,474	7.5
Salmonella infections	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shigellosis and amebiasis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Certain other intestinal infections	117	2.5	35	2.1	71	4.2	4	0.6	7	1.0
Tuberculosis	8	0.2	5	0.3	2	0.1	1	0.2	0	0.0
Respiratory tuberculosis	6	0.1	5	0.3	0	0.0	1	0.2	0	0.0
Other tuberculosis	2	0.0	0	0.0	2	0.1	0	0.0	0	0.0
Whooping cough	1	0.0	0	0.0	1	0.1	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
Meningococcal infection	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0
Septicemia	868	18.4	252	15.4	327	19.2	115	18.0	174	23.9
Syphilis	2	0.0	0	0.0	0	0.0	0	0.2	1	0.1
Acute poliomyelitis	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
Measles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral hepatitis	105	2.2	58	3.5	23	1.4	13	2.0	11	1.5
Human immunodeficiency virus	170	3.6	34	2.1	5	0.3	105	16.4	26	3.6
Malaria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other and unspecified infectious and parasitic diseases and their sequelae	105	2.2	50	3.0	32	1.9	10	1.6	13	1.8
Malignant neoplasms	10,255	217.8	4,318	263.1	3,559	209.5	1,286	200.8	1,092	150.0
Lip, oral cavity and pharynx	136	2.9	69	4.2	27	1.6	33	5.2	7	1.0
Esophagus	204	4.3	126	7.7	27	1.6	41	6.4	10	1.4
Stomach	178	3.8	60	3.7	43	2.5	47	7.3	28	3.8
Colon, rectum and anus	913	19.4	341	20.8	321	18.9	128	20.0	123	16.9
Liver and intrahepatic bile ducts	319	6.8	155	9.4	79	4.7	58	9.1	27	3.7
Pancreas	599	12.7	243	14.8	218	12.8	58	9.1	80	11.0
Larynx	78	1.7	46	2.8	7	0.4	21	3.3	4	0.5
Trachea, bronchus and lung	3,288	69.8	1,616	98.5	1,081	63.6	393	61.4	198	27.2
Skin	173	3.7	117	7.1	53	3.1	2	0.3	1	0.1
Breast	648	13.8	5	0.3	459	27.0	2	0.3	182	25.0
Cervix uteri	76	1.6	0	0.0	44	2.6	0	0.0	32	4.4
Corpus uteri and uterus, part unspecified	105	2.2	0	0.0	58	3.4	0	0.0	47	6.5
Ovary	282	6.0	0	0.0	229	13.5	0	0.0	53	7.3
Prostate	527	11.2	310	18.9	0	0.0	217	33.9	0	0.0
Kidney and renal pelvis	209	4.4	102	6.2	52	3.1	29	4.5	26	3.6
Bladder	193	4.1	123	7.5	36	2.1	15	2.3	19	2.6
Meninges, brain and other parts of central nervous system	268	5.7	131	8.0	106	6.2	18	2.8	13	1.8
Lymphoid, hematopoietic and related tissue	915	19.4	388	23.6	340	20.0	92	14.4	95	13.0
Hodgkin's disease	20	0.4	8	0.5	8	0.5	3	0.5	1	0.1
Non-Hodgkin's lymphoma	317	6.7	136	8.3	133	7.8	25	3.9	23	3.2
Leukemia	389	8.3	186	11.3	140	8.2	26	4.1	37	5.1
Multiple myeloma and immunoproliferative neoplasms	189	4.0	58	3.5	59	3.5	38	5.9	34	4.7
Other and Unspecified Lymphoid, hematopoietic and related tissue	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other and unspecified malignant neoplasms	1,144	24.3	486	29.6	379	22.3	132	20.6	147	20.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	223	4.7	107	6.5	80	4.7	19	3.0	17	2.3
Anemias	103	2.2	23	1.4	42	2.5	20	3.1	18	2.5
Diabetes mellitus	1,271	27.0	375	22.8	385	22.7	234	36.5	277	38.0
Nutritional deficiencies	76	1.6	17	1.0	36	2.1	8	1.2	15	2.1

<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, 2009

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER		
	TOTAL	MALE	FEMALE	RATE	MALE	FEMALE	RATE	MALE	FEMALE
	47,278	18,117	18,024	11.0	18,024	10.6	10.6	5,663	8.8
Malnutrition	76	17	36	1.0	2.1	1.2	8	15	2.1
Other nutritional deficiencies	0	0	0	0.0	0.0	0.0	0	0	0.0
Meningitis	12	6	1	0.4	0.1	0.3	3	2	0.3
Parkinson's disease	362	194	142	11.8	8.4	2.8	18	8	1.1
Alzheimer's disease	1,510	351	923	21.4	54.3	9.7	62	174	23.9
Major cardiovascular diseases	15,624	5,824	6,075	354.9	357.6	285.3	1,827	1,898	260.6
Diseases of the heart	11,962	4,765	4,517	290.3	265.9	212.8	1,363	1,317	180.9
Acute rheumatic fever and chronic rheumatic heart diseases	50	18	22	1.1	1.3	0.3	2	8	1.1
Hypertensive heart disease	425	117	157	7.1	9.2	12.0	77	74	10.2
Hypertensive heart and renal disease	66	18	18	1.1	1.1	1.9	12	18	2.5
Ischemic heart diseases	5,564	2,524	1,921	153.8	113.1	89.2	571	548	75.3
Acute myocardial infarction	2,588	1,210	836	73.7	49.2	44.3	284	258	35.4
Other acute ischemic heart diseases	35	18	13	1.1	0.8	0.6	4	0	0.0
Other forms of chronic ischemic heart disease	2,941	1,296	1,072	79.0	63.1	44.2	283	290	39.8
Atherosclerotic cardiovascular disease, so described	573	229	206	14.0	12.1	12.3	79	59	8.1
All other forms of chronic ischemic heart disease	2,368	1,067	866	65.0	51.0	31.7	204	231	31.7
Other heart diseases	5,857	2,088	2,399	127.2	141.2	109.5	701	669	91.9
Acute and subacute endocarditis	12	0.3	5	0.1	0.3	0.5	3	2	0.3
Diseases of pericardium and acute myocarditis	10	0.2	3	0.3	0.2	0.0	0	2	0.3
Heart failure	1,877	39.9	883	37.2	52.0	29.4	188	195	26.8
All other forms of heart disease	3,958	1,470	1,508	89.6	88.8	79.6	510	470	64.5
Essential (primary) hypertension and hypertensive renal disease	528	11.2	183	7.4	10.8	15.9	102	121	16.6
Cerebrovascular diseases	2,647	753	1,190	45.9	70.0	47.9	307	397	54.5
Atherosclerosis	194	65	75	4.0	4.4	4.5	29	25	3.4
Other diseases of circulatory system	293	119	110	7.3	6.5	4.1	26	38	5.2
Aortic aneurysm and dissection	135	2.9	38	4.5	2.2	7	7	16	2.2
Other diseases of arteries, arterioles and capillaries	158	3.4	72	2.7	4.2	3.0	19	22	3.0
Other disorders of circulatory system	72	1.5	30	1.0	1.8	2.2	14	12	1.6
Influenza and pneumonia	946	20.1	408	21.2	24.0	13.7	88	102	14.0
Influenza	35	0.7	7	0.4	0.4	0.5	5	4	0.5
Pneumonia	911	19.3	401	20.0	23.6	13.0	83	98	13.5
Other acute lower respiratory infections	7	0.1	1	0.2	0.1	0.3	2	1	0.1
Acute bronchitis and bronchiolitis	6	0.1	0	0.2	0.0	0.3	2	1	0.1
Unspecified acute lower respiratory infection	1	0.0	1	0.0	0.1	0.0	0	0	0.0
Chronic lower respiratory diseases	2,761	58.6	1,246	75.2	73.3	26.5	170	111	15.2
Bronchitis, chronic and unspecified	11	0.2	8	0.1	0.5	0.2	1	0	0.0
Emphysema	174	3.7	79	4.8	4.7	1.9	12	4	0.5
Asthma	71	1.5	25	0.8	1.5	2.7	17	16	2.2
Other chronic lower respiratory diseases	2,505	53.2	1,134	69.5	66.7	21.9	140	91	12.5
Pneumoconiosis and chemical effects	22	0.5	3	1.0	0.2	0.3	2	0	0.0
Pneumonitis due to solids and liquids	240	5.1	100	5.5	5.9	3.4	22	27	3.7
Other diseases of the respiratory system	721	15.3	292	17.6	17.2	9.5	61	79	10.8
Peptic ulcer	41	0.9	16	0.9	0.9	0.8	5	5	0.7
Diseases of the appendix	5	0.1	0	0.2	0.0	0.2	1	1	0.1
Hernia	26	0.6	11	0.7	0.6	0.2	1	2	0.3
Chronic liver disease and cirrhosis	486	10.3	149	15.5	8.8	8.3	53	30	4.1
Alcoholic liver disease	146	3.1	27	5.5	1.6	3.3	21	7	1.0
Other chronic liver disease and cirrhosis	340	7.2	122	9.9	7.2	5.0	32	23	3.2

<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, 2009

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER			
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	
	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	
ALL CAUSES	47,278	18,117	18,024	11.0	10.6	11.1	8.8	5,663	5,474	7.5
Cholelithiasis and other gallbladder disorders	65	28	22	1.7	1.3	1.7	1.1	7	8	1.1
Nephritis, nephrotic syndrome and nephrosis	1,177	341	397	20.8	23.4	20.8	32.3	207	232	31.9
Acute and rapidly progressive nephritic and nephrotic syndrome	5	0	3	0.0	0.2	0.0	0.3	2	0	0.0
Chronic glomerulonephritis and nephritis not specified as acute and renal sclerosis	90	15	34	0.9	2.0	0.9	2.7	17	24	3.3
Renal failure	1,081	326	359	19.9	21.1	19.9	29.4	188	208	28.6
Other disorders of kidney	1	0	1	0.0	0.1	0.0	0.0	0	0	0.0
Infections of kidney	14	6	6	0.4	0.4	0.4	0.2	1	1	0.1
Hyperplasia of prostate	4	3	0	0.2	0.0	0.0	0.2	1	0	0.0
Inflammatory diseases of female pelvic organs	0	0	0	0.0	0.0	0.0	0.0	0	0	0.0
Pregnancy, childbirth and the puerperium	4	0	1	0.0	0.1	0.0	0.0	0	3	0.4
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	3	0	0	0.0	0.1	0.0	0.0	0	2	0.3
Certain conditions originating in the perinatal period	262	46	65	2.8	3.8	2.8	13.9	89	62	8.5
Congenital malformations, deformations and chromosomal abnormalities	152	59	51	3.6	3.0	3.6	3.9	25	17	2.3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,321	395	522	24.1	30.7	24.1	28.4	182	222	30.5
All other diseases (Residual)	4,604	1,480	2,056	90.2	121.0	90.2	72.9	467	601	82.5
Accidents	2,342	1,183	720	72.1	42.4	72.1	43.7	280	159	21.8
Transport accidents	957	515	226	31.4	13.3	31.4	21.4	137	79	10.8
Motor vehicle accidents	917	490	220	29.9	12.9	29.9	20.3	130	77	10.6
Other land transport	25	15	3	0.9	0.2	0.9	0.9	6	1	0.1
Water, air, space and other and unspecified transport accidents and their sequelae	15	10	3	0.6	0.2	0.6	0.2	1	1	0.1
Nontransport accidents	1,385	668	494	40.7	29.1	40.7	22.3	143	80	11.0
Falls	197	98	80	6.0	4.7	6.0	2.2	14	5	0.7
Accidental discharge of firearms	28	15	5	0.9	0.3	0.9	0.9	6	2	0.3
Accidental drowning and submersion	86	45	18	2.7	1.1	2.7	3.4	22	1	0.1
Accidental exposure to smoke, fire and flames	81	35	20	2.1	1.2	2.1	3.3	21	5	0.7
Accidental poisoning and exposure to noxious substances	572	287	228	17.5	13.4	17.5	5.2	33	24	3.3
Other and unspecified nontransport accidents and their sequelae	421	188	143	11.5	8.4	11.5	7.3	47	43	5.9
Intentional self-harm (suicide)	667	485	117	29.6	6.9	29.6	8.4	54	11	1.5
Suicide by discharge of firearms	477	366	66	22.3	3.9	22.3	6.1	39	6	0.8
Suicide by other and unspecified means and their sequelae	190	40	51	7.3	3.0	7.3	2.3	15	5	0.7
Assault (homicide)	411	116	56	7.1	3.3	7.1	30.4	195	44	6.0
Homicide by discharge of firearms	317	75	38	4.6	2.2	4.6	27.0	173	31	4.3
Homicide by other and unspecified means and their sequelae	94	41	18	2.5	1.1	2.5	3.4	22	13	1.8
Legal intervention	5	4	0	0.2	0.0	0.2	0.2	1	0	0.0
Events of undetermined intent	66	28	28	1.7	1.6	1.7	0.6	4	6	0.8
Discharge of firearms, undetermined intent	5	0	2	0.2	0.1	0.2	0.0	0	0	0.0
Other and unspecified events of undetermined intent and their sequelae	61	25	26	1.5	1.5	1.5	0.6	4	6	0.8
Operations of war and their sequelae	1	1	0	0.1	0.0	0.1	0.0	0	0	0.0
Complications of medical and surgical care	43	10	23	0.6	1.4	0.6	0.8	5	5	0.7

<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, 2009**

CAUSE OF DEATH				CAUSE OF DEATH			
		NUMBER	CRUDE RATE			NUMBER	CRUDE RATE
<b>RANK</b>	<b>TOTAL ALL RACE AND SEX</b>	<b>47,278</b>	<b>10.0</b>	<b>RANK</b>	<b>WHITE FEMALE – (CONT.)</b>		
1	Diseases of the Heart	11,962	254.0	9	Diabetes Mellitus	385	22.7
2	Malignant Neoplasms	10,255	217.8	10	Septicemia	327	19.2
3	Chronic Lower Respiratory Disease	2,761	58.6	11	Essential (Primary) Hypertension	183	10.8
4	Cerebrovascular Diseases	2,647	56.2	12	Chronic Liver Disease and Cirrhosis	149	8.8
5	Accidents	2,342	49.7	13	Parkinson's Disease	142	8.4
6	Alzheimer's Disease	1,510	32.1	14	Suicide	117	6.9
7	Diabetes Mellitus	1,271	27.0	15	Pneumonitis Due to Solids and Liquids	100	5.9
8	Nephritis, Nephrotic Syn. & Nephrosis	1,177	25.0		All Other Causes	3661	—
9	Influenza and Pneumonia	946	20.1	<b>RANK</b>	<b>TOTAL BLACK AND OTHER</b>	<b>11,137</b>	<b>8.1</b>
10	Septicemia	868	18.4	1	Diseases of the Heart	2,680	195.8
11	Suicide	667	14.2	2	Malignant Neoplasms	2,378	173.8
12	Essential (Primary) Hypertension	528	11.2	3	Cerebrovascular Diseases	704	51.4
13	Chronic Liver Disease and Cirrhosis	486	10.3	4	Diabetes Mellitus	511	37.3
14	Homicide	411	8.7	5	Accidents	439	32.1
15	Parkinson's Disease	362	7.7	5	Nephritis, Nephrotic Syn. & Nephrosis	439	32.1
	All Other Causes	9,085	—	7	Septicemia	289	21.1
<b>RANK</b>	<b>TOTAL WHITE</b>	<b>36,141</b>	<b>10.8</b>	8	Chronic Lower Respiratory Disease	281	20.5
1	Diseases of the Heart	9,282	277.9	9	Homicide	239	17.5
2	Malignant Neoplasms	7,877	235.8	10	Alzheimer's Disease	236	17.2
3	Chronic Lower Respiratory Disease	2,480	74.2	11	Essential (Primary) Hypertension	223	16.3
4	Cerebrovascular Diseases	1,943	58.2	12	Influenza and Pneumonia	190	13.9
5	Accidents	1,903	57.0	13	Certain Cond. Orig. in the Peri. Period	151	11.0
6	Alzheimer's Disease	1,274	38.1	14	HIV	131	9.6
7	Diabetes Mellitus	760	22.8	15	Chronic Liver Disease and Cirrhosis	83	6.1
8	Influenza and Pneumonia	756	22.6		All Other Causes	2,163	—
9	Nephritis, Nephrotic Syn. & Nephrosis	738	22.1	<b>RANK</b>	<b>TOTAL BLACK AND OTHER MALE</b>	<b>5,663</b>	<b>8.8</b>
10	Suicide	602	18.0	1	Diseases of the Heart	1,363	212.8
11	Septicemia	579	17.3	2	Malignant Neoplasms	1,286	200.8
12	Chronic Liver Disease and Cirrhosis	403	12.1	3	Cerebrovascular Diseases	307	47.9
13	Parkinson's Disease	336	10.1	4	Accidents	280	43.7
14	Essential (Primary) Hypertension	305	9.1	5	Diabetes Mellitus	234	36.5
15	Pneumonitis Due to Solids and Liquids	191	5.7	6	Nephritis, Nephrotic Syn. & Nephrosis	207	32.3
	All Other Causes	6,712	—	7	Homicide	195	30.4
<b>RANK</b>	<b>TOTAL WHITE MALE</b>	<b>18,117</b>	<b>11.0</b>	8	Chronic Lower Respiratory Disease	170	26.5
1	Diseases of the Heart	4,765	290.3	9	Septicemia	115	18.0
2	Malignant Neoplasms	4,318	263.1	10	HIV	105	16.4
3	Chronic Lower Respiratory Disease	1,234	75.2	11	Essential (Primary) Hypertension	102	15.9
4	Accidents	1,183	72.1	12	Certain Cond. Orig. in the Peri. Period	89	13.9
5	Cerebrovascular Diseases	753	45.9	13	Influenza and Pneumonia	88	13.7
6	Suicide	485	29.6	14	Alzheimer's Disease	62	9.7
7	Diabetes Mellitus	375	22.8	15	Suicide	54	8.4
8	Alzheimer's Disease	351	21.4		All Other Causes	1,006	—
9	Influenza and Pneumonia	348	21.2	<b>RANK</b>	<b>TOTAL BLACK AND OTHER FEMALE</b>	<b>5,474</b>	<b>7.5</b>
10	Nephritis, Nephrotic Syn. & Nephrosis	341	20.8	1	Diseases of the Heart	1,317	180.9
11	Chronic Liver Disease and Cirrhosis	254	15.5	2	Malignant Neoplasms	1,092	150.0
12	Septicemia	252	15.4	3	Cerebrovascular Diseases	397	54.5
13	Parkinson's Disease	194	11.8	4	Diabetes Mellitus	277	38.0
14	Essential (Primary) Hypertension	122	7.4	5	Nephritis, Nephrotic Syn. & Nephrosis	232	31.9
15	Homicide	116	7.1	6	Alzheimer's Disease	174	23.9
	All Other Causes	3,026	—	6	Septicemia	174	23.9
<b>RANK</b>	<b>TOTAL WHITE FEMALE</b>	<b>18,024</b>	<b>10.6</b>	8	Accidents	159	21.8
1	Diseases of the Heart	4,517	265.9	9	Essential (Primary) Hypertension	121	16.6
2	Malignant Neoplasms	3,559	209.5	10	Chronic Lower Respiratory Disease	111	15.2
3	Chronic Lower Respiratory Disease	1,246	73.3	11	Influenza and Pneumonia	102	14.0
4	Cerebrovascular Diseases	1,190	70.0	12	Certain Cond. Orig. in the Peri. Period	62	8.5
5	Alzheimer's Disease	923	54.3	13	Homicide	44	6.0
6	Accidents	720	42.4	14	Chronic Liver Disease and Cirrhosis	30	4.1
7	Influenza and Pneumonia	408	24.0	15	All Other Causes	1,182	—
8	Nephritis, Nephrotic Syn. & Nephrosis	397	23.4				

<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, 2009**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>UNDER 1 YEAR</b>	513	8.1	259	6.3	254	11.7
Disorders Related to Short Gestation and Low Birth Weight	93	147.5	62	150.1	31	142.6
Congenital Malformations, Deformations, and Abnormalities	77	122.1	26	62.9	51	234.6
SIDS	56	88.8	24	58.1	32	147.2
Newborn Affected by Maternal Factors and Complications of Pregnancy and Delivery	22	34.9	11	26.6	11	50.6
Respiratory Distress of Newborn	17	27.0	9	21.8	8	36.8
Diseases of the Circulatory System	16	25.4	7	16.9	9	41.4
Bacterial Sepsis of Newborn	16	25.4	10	24.2	6	27.6
<b>1-4 YEARS</b>	104	0.4	66	0.4	38	0.4
Accidents	37	14.7	31	18.8	6	6.9
Congenital Malformations, Deformations, and Abnormalities	10	4.0	8	4.8	2	2.3
Homicide	9	3.6	5	3.0	4	4.6
Diseases of the Heart	5	2.0	3	1.8	2	2.3
Influenza and Pneumonia	5	2.0	0	0.0	5	5.8
Malignant Neoplasm	3	1.2	3	1.8	0	0.0
Certain Conditions Orig. in the Peri. Period	3	1.2	1	0.6	2	2.3
<b>5-14 YEARS</b>	113	0.2	76	0.2	37	0.2
Accidents	52	8.4	39	9.5	13	6.2
Malignant Neoplasm	9	1.5	5	1.2	4	1.9
Congenital Malformations, Deformations, and Abnormalities	6	1.0	4	1.0	2	1.0
Suicide	6	1.0	4	1.0	2	1.0
Diseases of the Heart	3	0.5	1	0.2	2	1.0
<b>15-19 YEARS</b>	228	0.7	156	0.7	72	0.6
Accidents	118	35.9	94	44.7	24	20.2
Homicide	27	8.2	9	4.3	18	15.2
Suicide	24	7.3	18	8.6	6	5.1
Malignant Neoplasm	14	4.3	12	5.7	2	1.7
Diseases of the Heart	7	2.1	2	1.0	5	4.2
Diabetes Mellitus	4	1.2	2	1.0	2	1.7
Congenital Malformations, Deformations, and Abnormalities	4	1.2	3	1.4	1	0.8
<b>20-24 YEARS</b>	398	1.2	250	1.2	148	1.3
Accidents	173	52.3	142	66.2	31	26.7
Homicide	60	18.1	9	4.2	51	44.0
Suicide	46	13.9	37	17.2	9	7.8
Diseases of the Heart	24	7.3	13	6.1	11	9.5
Malignant Neoplasm	13	3.9	7	3.3	6	5.2
Influenza and Pneumonia	9	2.7	7	3.3	2	1.7
Nephritis, Nephrotic Syn. & Nephrosis	6	1.8	2	0.9	4	3.4
<b>25-34 YEARS</b>	935	1.5	596	1.4	339	1.7
Accidents	315	50.9	249	59.3	66	33.1
Homicide	122	19.7	38	9.0	84	42.1
Diseases of the Heart	88	14.2	38	9.0	50	25.1
Suicide	88	14.2	75	17.9	13	6.5
Malignant Neoplasm	75	12.1	50	11.9	25	12.5
HIV	21	3.4	1	0.2	20	10.0
Cerebrovascular Diseases	18	2.9	7	1.7	11	5.5
Diabetes Mellitus	15	2.4	9	2.1	6	3.0

<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, 2009**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>35-44 YEARS</b>	1,733	2.8	1,158	2.6	575	3.3
Accidents	356	57.8	292	66.1	64	36.7
Diseases of the Heart	354	57.5	224	50.7	130	74.6
Malignant Neoplasm	237	38.5	157	35.5	80	45.9
Suicide	119	19.3	111	25.1	8	4.6
Homicide	79	12.8	37	8.4	42	24.1
Cerebrovascular Diseases	69	11.2	39	8.8	30	17.2
HIV	47	7.6	12	2.7	35	20.1
<b>45-54 YEARS</b>	4,062	6.0	2,682	5.5	1,380	7.5
Malignant Neoplasm	1,001	148.3	658	134.2	343	185.7
Diseases of the Heart	953	141.2	640	130.6	313	169.5
Accidents	361	53.5	278	56.7	83	44.9
Cerebrovascular Diseases	162	24.0	83	16.9	79	42.8
Chronic Liver Disease and Cirrhosis	138	20.4	108	22.0	30	16.2
Suicide	138	20.4	132	26.9	6	3.2
Chronic Lower Respiratory Diseases	130	19.3	100	20.4	30	16.2
<b>55-64 YEARS</b>	6,623	12.0	4,700	11.2	1,923	14.5
Malignant Neoplasm	2,103	380.2	1,536	365.4	567	427.0
Diseases of the Heart	1,630	294.7	1,129	268.6	501	377.3
Chronic Lower Respiratory Diseases	355	64.2	319	75.9	36	27.1
Cerebrovascular Diseases	272	49.2	162	38.5	110	82.8
Accidents	261	47.2	205	48.8	56	42.2
Diabetes Mellitus	233	42.1	121	28.8	112	84.3
Nephritis, Nephrotic Syn. & Nephrosis	146	26.4	87	20.7	59	44.4
<b>65-74 YEARS</b>	8,729	24.7	6,757	23.8	1,972	28.5
Malignant Neoplasm	2,787	789.7	2,198	774.6	589	851.4
Diseases of the Heart	2,076	588.2	1,592	561.0	484	699.7
Chronic Lower Respiratory Diseases	714	202.3	650	229.1	64	92.5
Cerebrovascular Diseases	428	121.3	295	104.0	133	192.3
Diabetes Mellitus	284	80.5	169	59.6	115	166.2
Nephritis, Nephrotic Syn. & Nephrosis	244	69.1	143	50.4	101	146.0
Accidents	187	53.0	162	57.1	25	36.1
<b>75-84 YEARS</b>	12,075	55.9	9,786	56.2	2,289	54.6
Diseases of the Heart	3,062	1417.2	2,480	1424.1	582	1388.9
Malignant Neoplasm	2,702	1250.6	2,207	1267.3	495	1181.2
Chronic Lower Respiratory Diseases	979	453.1	885	508.2	94	224.3
Cerebrovascular Diseases	833	385.6	664	381.3	169	403.3
Alzheimer's Disease	506	234.2	420	241.2	86	205.2
Nephritis, Nephrotic Syn. & Nephrosis	346	160.1	236	135.5	110	262.5
Diabetes Mellitus	335	155.1	222	127.5	113	269.7
<b>85+ YEARS</b>	11,765	143.4	9,660	143.8	2,105	141.4
Diseases of the Heart	3,748	4567.5	3,153	4694.3	595	3995.7
Malignant Neoplasm	1,311	1597.7	1,044	1554.3	267	1793.0
Alzheimer's Disease	882	1074.8	750	1116.6	132	886.4
Cerebrovascular Diseases	857	1044.4	688	1024.3	169	1134.9
Chronic Lower Respiratory Diseases	553	673.9	508	756.3	45	302.2
Influenza and Pneumonia	355	432.6	293	436.2	62	416.4
Nephritis, Nephrotic Syn. & Nephrosis	317	386.3	221	329.0	96	644.7

<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, 2009**

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>	47,278	513	104	113	626	935	1,733	4,062	6,623	8,729	12,075	11,765
Diseases of the Heart	11,962	12	5	3	31	88	354	953	1,630	2,076	3,062	3,748
Malignant Neoplasms	10,255	0	3	9	27	75	237	1,001	2,103	2,787	2,702	1,311
Chronic Lower Respiratory Diseases	2,761	1	1	2	4	4	18	130	355	714	979	553
Cerebrovascular Diseases	2,647	4	1	1	2	18	69	162	272	428	833	857
Accidents	2,342	16	37	52	291	315	356	361	261	187	238	228
Alzheimer's Disease	1,510	0	0	0	0	0	0	3	19	100	506	882
Diabetes Mellitus	1,271	1	1	2	7	15	41	125	233	284	335	227
Nephritis, Neph. Syndrome & Nephrosis	1,177	2	1	2	7	5	36	71	146	244	346	317
Influenza & Pneumonia	934	5	5	1	10	6	18	61	80	133	260	355
Septicemia	868	6	1	0	4	8	29	74	135	184	244	183
Suicide	667	0	0	6	70	88	119	138	126	58	44	18
Essential Hypertension (Primary)	528	0	0	0	1	7	18	60	90	99	119	134
Chronic Liver Disease and Cirrhosis	486	0	0	0	0	4	34	138	140	104	55	11
Homicide	411	1	9	2	87	122	79	63	26	13	7	2
Parkinson's Disease	362	0	0	0	0	0	0	1	11	70	153	127
Certain Conditions Orig. in Perinatal Period	262	259	3	0	0	0	0	0	0	0	0	0
Pneumonitis Due to Solids and Liquids	240	0	0	0	0	3	5	10	24	34	69	95
In Situ, Benign, or Uncertain Neoplasms	223	0	1	2	2	2	3	15	21	55	70	52
Atherosclerosis	194	0	0	0	0	1	0	12	24	30	49	78
Human Immunodeficiency Virus Infection	170	0	0	0	2	21	47	61	23	12	3	1
Congenital Anomalies	152	77	10	6	7	5	7	15	15	7	3	0
Aortic Aneurysm and Dissection	135	0	0	0	0	3	4	7	13	30	50	28
All Other Causes	7,721	129	26	25	74	145	259	601	876	1,080	1,948	2,558



**TABLE 39**  
**HEART DISEASE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2009**

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

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

<sup>2</sup>Provisional Data.

**TABLE 40**  
**HEART DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2009**

AGE GROUP	WHITE						BLACK AND OTHER							
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	11,962	254.0	4,765	290.3	4,517	265.9	1,363	212.8	1,317	180.9				
UNDER 1	12	19.0	6	28.3	1	5.0	2	18.2	3	28.0				
1-4	5	2.0	2	2.4	1	1.2	1	2.3	1	2.3				
5-9	1	0.3	0	0.0	0	0.0	1	1.9	0	0.0				
10-14	2	0.6	0	0.0	1	1.0	1	1.9	0	0.0				
15-19	7	2.1	2	1.9	0	0.0	2	3.4	3	5.0				
20-24	24	7.3	7	6.4	6	5.7	6	10.5	5	8.5				
25-29	30	9.2	6	5.4	5	4.7	12	22.9	7	12.7				
30-34	58	19.7	13	12.7	14	14.0	18	42.0	13	26.6				
35-39	124	40.4	44	39.8	26	24.1	28	68.8	26	53.9				
40-44	230	74.4	103	91.1	51	46.1	52	134.0	24	51.5				
45-49	380	111.5	190	153.5	73	58.9	77	183.4	40	77.9				
50-54	573	171.6	259	216.2	118	96.1	122	298.2	74	146.6				
55-59	711	239.3	322	299.7	149	132.5	152	442.3	88	205.4				
60-64	919	358.9	448	464.3	210	201.9	167	678.4	94	303.8				
65-69	990	501.0	483	647.6	272	322.3	158	963.6	77	346.1				
70-74	1,086	699.2	491	873.2	346	504.6	135	1090.5	114	628.0				
75-79	1,337	1082.0	594	1393.7	470	829.8	121	1333.2	152	998.1				
80-84	1,725	1865.1	698	2410.5	718	1563.2	120	2058.7	189	1605.6				
85+	3,748	4567.5	1,097	5383.3	2,056	4394.2	188	4805.7	407	3707.1				

<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 41**  
**MALIGNANT NEOPLASM DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2009**

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

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

<sup>2</sup> Provisional Data.

**TABLE 42**  
**MALIGNANT NEOPLASM DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2009**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
			RATE	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	NUMBER	NUMBER		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	10,255	4,318	217.8	263.1	3,559	209.5	1,286	200.8	1,092	150.0					
1	0	0	0.0	0.0	0	0.0	0	0.0	0	0.0					
1-4	3	2	1.2	2.4	1	1.2	0	0.0	0	0.0					
5-9	2	2	0.6	1.9	0	0.0	0	0.0	0	0.0					
10-14	7	0	2.3	0.0	3	3.0	1	1.9	3	5.8					
15-19	14	5	4.3	4.6	7	6.8	2	3.4	0	0.0					
20-24	13	5	3.9	4.6	2	1.9	2	3.5	4	6.8					
25-29	25	8	7.7	7.3	6	5.6	4	7.6	7	12.7					
30-34	50	16	17.0	15.6	20	20.0	6	14.0	8	16.4					
35-39	86	24	28.0	21.7	37	34.4	10	24.6	15	31.1					
40-44	151	45	48.9	39.8	51	46.1	19	49.0	36	77.3					
45-49	355	110	104.1	88.9	111	89.6	65	154.8	69	134.4					
50-54	646	253	193.5	211.2	184	149.9	117	286.0	92	182.3					
55-59	907	395	305.2	367.7	235	208.9	165	480.1	112	261.4					
60-64	1,196	501	467.1	519.3	405	389.4	168	682.5	122	394.2					
65-69	1,334	608	675.1	815.2	436	516.7	161	981.9	129	579.8					
70-74	1,453	681	935.4	1211.1	473	689.8	188	1518.6	111	611.5					
75-79	1,426	648	1154.0	1520.4	508	896.9	142	1564.6	128	840.5					
80-84	1,276	556	1379.6	1920.1	495	1077.7	102	1749.9	123	1044.9					
85+	1,311	459	1597.7	2252.4	585	1250.3	134	3425.4	133	1211.4					

<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 43**  
**MALIGNANT NEOPLASM DEATHS AND DEATH RATES <sup>1</sup>**  
**BY PRIMARY SITE AND SEX**  
**ALABAMA, 2009**

PRIMARY SITE	ICD-10 CODE	TOTAL			MALE			FEMALE		
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	
Total	C00-C97	10,255	217.8	5,604	245.6	4,651	191.6			
Lip, Oral Cavity and Pharynx	C00-C14	136	2.9	102	4.5	34	1.4			
Esophagus	C15	204	4.3	167	7.3	37	1.5			
Stomach	C16	178	3.8	107	4.7	71	2.9			
Colon, Rectum and Anus	C18-C21	913	19.4	469	20.6	444	18.3			
Liver and Intrahepatic Bile Ducts	C22	319	6.8	213	9.3	106	4.4			
Pancreas	C25	599	12.7	301	13.2	298	12.3			
Larynx	C32	78	1.7	67	2.9	11	0.5			
Trachea, Bronchus and Lung	C33-C34	3,288	69.8	2,009	88.1	1,279	52.7			
Skin	C43	173	3.7	119	5.2	54	2.2			
Breast	C50	648	13.8	7	0.3	641	26.4			
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	282	6.0	0	0.0	282	11.6			
Prostate	C61	527	11.2	527	23.1	0	0.0			
Kidney and Renal Pelvis	C64-C65	209	4.4	131	5.7	78	3.2			
Bladder	C67	193	4.1	138	6.0	55	2.3			
Meninges, Brain and Other Parts of Central Nervous System	C70-C72	268	5.7	149	6.5	119	4.9			
Lymphoid, Hematopoietic and Related Tissue	Subtotal	915	19.4	480	21.0	435	17.9			
Hodgkin's Disease	C81	20	0.4	11	0.5	9	0.4			
Non-Hodgkin's Lymphoma	C82-C85	317	6.7	161	7.1	156	6.4			
Leukemia	C91-C95	389	8.3	212	9.3	177	7.3			
Multiple Myeloma and Immunoproliferative Neoplasms	C88 or C90	189	4.0	96	4.2	93	3.8			
Other and Unspecified Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	C96	0	0.0	0	0.0	0	0.0			
All Other and Unspecified Malignant Neoplasms	C00-C97 not listed above	1,144	24.3	618	27.1	526	21.7			

<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 44**  
**CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1970-2009**

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	2647	56.2	1,943	58.2	704	51.4

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

<sup>2</sup> Provisional Data.

**TABLE 45  
CEREBROVASCULAR DISEASE DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP, RACE AND SEX  
ALABAMA, 2009**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE	TOTAL	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,647	56.2		753	45.9	1,190	70.0	307	47.9	397	54.5				
UNDER 1	4	6.3		0	0.0	2	9.9	1	9.1	1	9.3				
1-4	1	0.4		1	1.2	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	1	0.3		0	0.0	1	1.0	0	0.0	0	0.0				
20-24	1	0.3		0	0.0	0	0.0	1	1.8	0	0.0				
25-29	5	1.5		1	0.9	2	1.9	0	0.0	2	3.6				
30-34	13	4.4		3	2.9	1	1.0	5	11.7	4	8.2				
35-39	24	7.8		3	2.7	13	12.1	8	19.7	0	0.0				
40-44	45	14.6		9	8.0	14	12.7	13	33.5	9	19.3				
45-49	64	18.8		17	13.7	16	12.9	16	38.1	15	29.2				
50-54	98	29.4		25	20.9	25	20.4	28	68.4	20	39.6				
55-59	110	37.0		37	34.4	27	24.0	33	96.0	13	30.3				
60-64	162	63.3		60	62.2	38	36.5	35	142.2	29	93.7				
65-69	178	90.1		61	81.8	58	68.7	31	189.1	28	125.8				
70-74	250	160.9		89	158.3	87	126.9	37	298.9	37	203.8				
75-79	363	293.8		137	321.5	142	250.7	33	363.6	51	334.9				
80-84	470	508.2		131	452.4	254	553.0	27	463.2	58	492.7				
85+	857	1044.4		179	878.4	509	1087.9	39	996.9	130	1184.1				

<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 46**  
**CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY RACE AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1979-2009**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1979	22.7	857	22.6	739	26.1	118	12.3
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

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

<sup>2</sup> Provisional Data.



**TABLE 47**  
**CHRONIC LOWER RESPIRATORY DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2009**

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
	NUMBER	RATE	MALE		FEMALE		MALE		FEMALE	
			NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,761	58.6	1,234	75.2	1,246	73.3	170	26.5	111	15.2
UNDER 1	1	1.6	0	0.0	0	0.0	0	0.0	1	9.3
1-4	1	0.4	0	0.0	1	1.2	0	0.0	0	0.0
5-9	2	0.6	0	0.0	1	1.0	0	0.0	1	2.0
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	4	1.2	0	0.0	1	1.0	2	3.5	1	1.7
25-29	3	0.9	0	0.0	2	1.9	0	0.0	1	1.8
30-34	1	0.3	0	0.0	1	1.0	0	0.0	0	0.0
35-39	6	2.0	0	0.0	3	2.8	2	4.9	1	2.1
40-44	12	3.9	5	4.4	4	3.6	2	5.2	1	2.1
45-49	43	12.6	13	10.5	18	14.5	5	11.9	7	13.6
50-54	87	26.1	30	25.0	39	31.8	10	24.4	8	15.8
55-59	148	49.8	65	60.5	70	62.2	10	29.1	3	7.0
60-64	207	80.8	92	95.4	92	88.5	15	60.9	8	25.9
65-69	301	152.3	149	199.8	126	149.3	19	115.9	7	31.5
70-74	413	265.9	185	329.0	190	277.1	22	177.7	16	88.1
75-79	480	388.5	220	516.2	211	372.5	33	363.6	16	105.1
80-84	499	539.5	225	777.0	229	498.6	24	411.7	21	178.4
85+	553	673.9	250	1226.8	258	551.4	26	664.6	19	173.1

<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 48**  
**ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2009**

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

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

<sup>2</sup> Provisional Data

**TABLE 49**  
**ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP AND RACE**  
**ALABAMA, 2009**

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,342	49.7	1,903	57.0	439	32.1
UNDER 1	16	25.4	7	16.9	9	41.4
1-4	37	14.7	31	18.8	6	6.9
5-9	20	6.4	14	6.7	6	5.8
10-14	32	10.4	25	12.3	7	6.7
15-19	118	35.9	94	44.7	24	20.2
20-24	173	52.3	142	66.2	31	26.7
25-29	166	51.1	133	61.2	33	30.7
30-34	149	50.6	116	57.3	33	36.0
35-39	176	57.3	144	66.0	32	36.0
40-44	180	58.3	148	66.2	32	37.5
45-49	187	54.8	146	59.0	41	43.9
50-54	174	52.1	132	54.4	42	46.0
55-59	139	46.8	111	50.5	28	36.3
60-64	122	47.6	94	46.9	28	50.4
65-69	91	46.1	78	49.1	13	33.6
70-74	96	61.8	84	67.3	12	39.3
75-79	112	90.6	99	99.7	13	53.5
80-84	126	136.2	110	146.9	16	90.9
85+	228	277.9	195	290.3	33	221.6

<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 50**  
**ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2009**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER						
	NUMBER	RATE	MALE	MALE		FEMALE		MALE	MALE		FEMALE		MALE	MALE		FEMALE
				NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	
<b>TOTAL</b>	2,342	49.7	1,183	72.1	720	42.4	280	43.7	159	21.8						
UNDER 1	16	25.4	2	9.4	5	24.8	6	54.5	3	28.0						
1-4	37	14.7	23	27.2	8	9.9	2	4.5	4	9.3						
5-9	20	6.4	5	4.7	9	8.9	3	5.7	3	5.9						
10-14	32	10.4	15	14.4	10	10.1	4	7.6	3	5.8						
15-19	118	35.9	58	53.7	36	35.2	16	27.1	8	13.4						
20-24	173	52.3	113	103.0	29	27.6	21	36.9	10	16.9						
25-29	166	51.1	93	84.4	40	37.3	25	47.7	8	14.5						
30-34	149	50.6	81	79.1	35	35.0	26	60.6	7	14.3						
35-39	176	57.3	91	82.3	53	49.2	22	54.1	10	20.7						
40-44	180	58.3	90	79.6	58	52.5	20	51.5	12	25.8						
45-49	187	54.8	92	74.3	54	43.6	29	69.1	12	23.4						
50-54	174	52.1	88	73.5	44	35.9	26	63.6	16	31.7						
55-59	139	46.8	74	68.9	37	32.9	21	61.1	7	16.3						
60-64	122	47.6	61	63.2	33	31.7	21	85.3	7	22.6						
65-69	91	46.1	52	69.7	26	30.8	9	54.9	4	18.0						
70-74	96	61.8	52	92.5	32	46.7	9	72.7	3	16.5						
75-79	112	90.6	53	124.4	46	81.2	4	44.1	9	59.1						
80-84	126	136.2	63	217.6	47	102.3	6	102.9	10	85.0						
85+	228	277.9	77	377.9	118	252.2	10	255.6	23	209.5						

<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 51  
ACCIDENTAL DEATHS BY TYPE OF ACCIDENT AND AGE GROUP  
ALABAMA, 2009**

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>	2,342	16	37	52	291	315	356	361	261	187	466
OCCUPANT OF RAILWAY TRAIN (V81.0-V-81.8)	1	0	0	0	0	1	0	0	0	0	0
MOTOR VEHICLE <sup>1</sup>	917	1	15	27	191	148	133	133	115	72	82
DROWNING (W65-W74)	86	2	12	8	16	11	6	10	8	8	5
AIR & SPACE TRANSPORT (V95-V97)	6	0	0	0	1	0	1	0	4	0	0
POISONING (X40-X49)	572	0	0	1	56	128	159	131	61	12	24
FALLS (W00-W19)	197	0	1	1	0	2	8	16	11	32	126
SMOKE, FIRE AND FLAMES (X00-X09)	81	0	4	6	3	4	12	18	15	10	9
CONTACT WITH VENOMOUS LIFE FORMS (X20-X29)	1	0	0	0	0	0	0	0	0	1	0
EXCESSIVE NATURAL HEAT (X30)	4	0	0	0	0	0	1	1	1	1	0
EXCESSIVE NATURAL COLD (X31)	11	0	0	0	0	1	1	2	1	0	6
LIGHTNING (X33)	1	0	0	0	0	0	0	1	0	0	0
CATAclysmic STORMS AND FLOODS (X37-X38)	2	0	0	0	0	0	0	0	2	0	0
SUFFOCATION (W75-W84)	154	10	1	4	5	5	12	16	14	19	68
STRUCK BY FALLING OBJECTS, ETC. (W20)	14	0	0	0	2	0	2	4	6	0	0
FIREARMS (W32-W34)	28	0	2	1	9	3	5	4	2	2	0
ELECTROCUTION (W85-W87)	7	0	0	1	1	1	2	1	1	0	0
ALL OTHER ACCIDENTS & LATE EFFECTS	260	3	2	3	7	11	14	24	20	30	146

<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, 1979-2009**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1979	15.1	645	17.0	381	13.5	264	27.6
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

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

<sup>2</sup> Provisional Data.

TABLE 53  
 DIABETES DEATHS AND DEATH RATES <sup>1</sup>  
 BY AGE GROUP, RACE AND SEX  
 ALABAMA, 2009

AGE GROUP	TOTAL			WHITE				BLACK AND OTHER			
	NUMBER	RATE	TOTAL	MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	1,271	27.0	375	22.8	385	22.7	234	36.5	277	38.0	
UNDER 1	1	1.6	0	0.0	0	0.0	1	9.1	0	0.0	
1-4	1	0.4	1	1.2	0	0.0	0	0.0	0	0.0	
5-9	1	0.3	0	0.0	1	1.0	0	0.0	0	0.0	
10-14	1	0.3	1	1.0	0	0.0	0	0.0	0	0.0	
15-19	4	1.2	1	0.9	1	1.0	0	0.0	2	3.4	
20-24	3	0.9	0	0.0	0	0.0	2	3.5	1	1.7	
25-29	7	2.2	2	1.8	2	1.9	2	3.8	1	1.8	
30-34	8	2.7	4	3.9	1	1.0	2	4.7	1	2.0	
35-39	21	6.8	5	4.5	3	2.8	6	14.7	7	14.5	
40-44	20	6.5	6	5.3	5	4.5	5	12.9	4	8.6	
45-49	42	12.3	11	8.9	11	8.9	13	31.0	7	13.6	
50-54	83	24.9	31	25.9	13	10.6	23	56.2	16	31.7	
55-59	106	35.7	33	30.7	22	19.6	29	84.4	22	51.3	
60-64	127	49.6	46	47.7	20	19.2	34	138.1	27	87.2	
65-69	139	70.3	45	60.3	35	41.5	30	183.0	29	130.3	
70-74	145	93.3	49	87.1	40	58.3	27	218.1	29	159.8	
75-79	160	129.5	44	103.2	61	107.7	24	264.4	31	203.6	
80-84	175	189.2	50	172.7	67	145.9	18	308.8	40	339.8	
85+	227	276.6	46	225.7	103	220.1	18	460.1	60	546.5	

<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 54**  
**ALZHEIMER'S DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1979-2009**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1979	0.4	13	0.3	12	0.4	1	0.1
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

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

<sup>2</sup> Provisional Data.



**TABLE 55  
ALZHEIMER'S DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP, RACE AND SEX  
ALABAMA, 2009**

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>	1,510	32.1		351	21.4	923	54.3	62	9.7	174	23.9						
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	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
15-19	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
20-24	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
25-29	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
30-34	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
35-39	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
40-44	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
45-49	2	0.6		1	0.8	1	0.8	0	0.0	0	0.0						
50-54	1	0.3		0	0.0	0	0.0	0	0.0	0	0.0						
55-59	7	2.4		1	0.9	4	3.6	1	2.9	1	2.3						
60-64	12	4.7		4	4.1	7	6.7	0	0.0	1	3.2						
65-69	18	9.1		5	6.7	9	10.7	2	12.2	2	9.0						
70-74	82	52.8		25	44.5	47	68.5	2	16.2	8	44.1						
75-79	158	127.9		40	93.9	84	148.3	14	154.3	20	131.3						
80-84	348	376.3		107	369.5	189	411.5	17	291.6	35	297.3						
85+	882	1074.8		168	824.4	582	1243.9	26	664.6	106	965.5						

<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, 1960-2009**

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

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

<sup>2</sup> Provisional Data

**TABLE 57  
SUICIDE DEATHS AND DEATH RATES <sup>1</sup>  
BY AGE GROUP, RACE AND SEX  
ALABAMA, 2009**

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>	667	14.2		485	29.6	117	6.9	54	8.4	11	1.5						
UNDER 1	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
1-4	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
5-9	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0						
10-14	6	1.9		4	3.8	0	0.0	2	3.8	0	0.0						
15-19	24	7.3		15	13.9	3	2.9	6	10.2	0	0.0						
20-24	46	13.9		31	28.3	6	5.7	8	14.1	1	1.7						
25-29	38	11.7		28	25.4	4	3.7	5	9.5	1	1.8						
30-34	50	17.0		31	30.3	12	12.0	6	14.0	1	2.0						
35-39	49	16.0		35	31.6	12	11.1	2	4.9	0	0.0						
40-44	70	22.7		49	43.4	15	13.6	5	12.9	1	2.1						
45-49	68	19.9		49	39.6	17	13.7	1	2.4	1	1.9						
50-54	70	21.0		51	42.6	15	12.2	3	7.3	1	2.0						
55-59	62	20.9		48	44.7	9	8.0	3	8.7	2	4.7						
60-64	64	25.0		45	46.6	11	10.6	7	28.4	1	3.2						
65-69	31	15.7		26	34.9	2	2.4	2	12.2	1	4.5						
70-74	27	17.4		22	39.1	5	7.3	0	0.0	0	0.0						
75-79	27	21.9		22	51.6	1	1.8	3	33.1	1	6.6						
80-84	17	18.4		13	44.9	3	6.5	1	17.2	0	0.0						
85+	18	21.9		16	78.5	2	4.3	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, 1960-2009**

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

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

<sup>2</sup> Provisional Data.

**TABLE 59**  
**HOMICIDE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2009**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE	TOTAL	MALE			FEMALE			MALE			FEMALE		
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	411	8.7		116	7.1	56	3.3	195	30.4	44	6.0				
UNDER 1	1	1.6		0	0.0	0	0.0	0	0.0	1	9.3				
1-4	9	3.6		3	3.5	2	2.5	2	4.5	2	4.7				
5-9	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
10-14	2	0.6		1	1.0	0	0.0	1	1.9	0	0.0				
15-19	27	8.2		5	4.6	4	3.9	16	27.1	2	3.4				
20-24	60	18.1		3	2.7	6	5.7	47	82.5	4	6.8				
25-29	70	21.5		13	11.8	6	5.6	42	80.2	9	16.3				
30-34	52	17.7		15	14.6	4	4.0	26	60.6	7	14.3				
35-39	43	14.0		15	13.6	6	5.6	16	39.3	6	12.4				
40-44	36	11.7		12	10.6	4	3.6	15	38.7	5	10.7				
45-49	38	11.1		13	10.5	6	4.8	14	33.3	5	9.7				
50-54	25	7.5		12	10.0	3	2.4	9	22.0	1	2.0				
55-59	13	4.4		8	7.4	0	0.0	4	11.6	1	2.3				
60-64	13	5.1		5	5.2	5	4.8	2	8.1	1	3.2				
65-69	6	3.0		3	4.0	3	3.6	0	0.0	0	0.0				
70-74	7	4.5		4	7.1	3	4.4	0	0.0	0	0.0				
75-79	5	4.0		3	7.0	2	3.5	0	0.0	0	0.0				
80-84	2	2.2		0	0.0	1	2.2	1	17.2	0	0.0				
85+	2	2.4		1	4.9	1	2.1	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 60**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup> BY RACE <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1945-2009**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S RATE	ALABAMA		U.S RATE	ALABAMA		U.S RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1945	3,141	44.8	38.3	1,684	38.4	35.6	1,457	55.5	57.0
1946	2,975	37.7	33.8	1,611	31.6	31.8	1,364	48.7	49.5
1947	3,229	36.7	32.2	1,738	30.1	30.1	1,491	49.4	48.5
1948	3,188	37.3	32.0	1,730	32.2	29.9	1,458	46.0	46.5
1949	3,303	39.2	31.1	1,665	32.0	28.9	1,638	50.8	47.3
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	-- <sup>4</sup>	288	13.4	-- <sup>4</sup>
2009	513	8.2	6.3 <sup>3</sup>	254	6.1	-- <sup>4</sup>	259	12.6	-- <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, 1945-2009**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1945	1,968	28.1	24.3	1,107	25.2	23.3	861	32.8	32.0
1946	2,106	26.7	24.0	1,219	23.9	23.1	887	31.7	31.5
1947	2,213	25.2	22.8	1,269	22.0	21.7	944	31.3	31.0
1948	2,203	25.8	22.2	1,255	23.4	21.2	948	29.9	29.1
1949	2,242	27.0	21.4	1,179	22.7	20.3	1,063	32.9	28.6
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>4</sup>	200	4.7	-- <sup>4</sup>	178	8.3	-- <sup>4</sup>
2009	313	5.0	-- <sup>4</sup>	149	3.6	-- <sup>4</sup>	164	8.0	-- <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 62**  
**POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES <sup>1</sup> BY RACE <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1945-2009**

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1945	1,173	16.7	14.0	577	13.1	12.3	596	22.7	25.0
1946	869	11.0	9.8	392	7.7	8.7	477	17.0	18.0
1947	1,016	11.6	9.4	469	8.1	8.4	547	18.1	17.5
1948	985	11.5	9.8	475	8.8	8.7	510	16.1	17.4
1949	1,061	12.6	9.9	486	9.3	8.6	575	17.8	18.7
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>4</sup>	124	2.9	-- <sup>4</sup>	110	5.1	-- <sup>4</sup>
2009	200	3.2	-- <sup>4</sup>	105	2.5	-- <sup>4</sup>	95	4.6	-- <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 63  
 INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>  
 BY COUNTY OF RESIDENCE AND RACE  
 ALABAMA, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	513	8.2	254	6.1	259	12.6
Autauga	2	2.9	2	3.9	0	0.0
Baldwin	19	8.9	14	7.7	5	16.9
Barbour	6	18.1	1	5.3	5	35.2
Bibb	3	13.0	3	17.2	0	0.0
Blount	3	4.2	2	2.9	1	58.8
Bullock	0	0.0	0	0.0	0	0.0
Butler	1	4.0	0	0.0	1	7.2
Calhoun	17	11.1	14	12.9	3	6.9
Chambers	3	7.5	2	9.3	1	5.4
Cherokee	0	0.0	0	0.0	0	0.0
Chilton	8	13.5	7	13.8	1	12.0
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	1	3.3	0	0.0	1	6.1
Clay	0	0.0	0	0.0	0	0.0
Cleburne	5	27.5	4	22.5	1	250.0
Coffee	7	9.5	2	3.3	5	36.8
Colbert	7	11.1	1	1.9	6	53.1
Conecuh	2	14.4	1	18.5	1	11.8
Coosa	0	0.0	0	0.0	0	0.0
Covington	2	4.0	1	2.5	1	11.2
Crenshaw	1	5.8	1	8.1	0	0.0
Cullman	1	1.0	1	1.0	0	0.0
Dale	10	12.6	3	4.8	7	41.2
Dallas	5	7.1	0	0.0	5	8.8
DeKalb	7	7.5	7	7.9	0	0.0
Elmore	6	5.6	4	4.9	2	7.8
Escambia	4	8.3	2	6.6	2	11.4
Etowah	10	7.8	8	7.6	2	8.5
Fayette	2	10.6	1	6.1	1	43.5
Franklin	5	10.8	3	6.8	2	111.1
Geneva	2	7.4	1	4.1	1	34.5
Greene	0	0.0	0	0.0	0	0.0
Hale	0	0.0	0	0.0	0	0.0
Henry	0	0.0	0	0.0	0	0.0
Houston	14	9.8	8	8.8	6	11.7
Jackson	3	4.9	1	1.8	2	50.0
Jefferson	81	8.7	22	4.6	59	13.0
Lamar	1	6.9	1	8.1	0	0.0
Lauderdale	3	3.1	2	2.4	1	7.5
Lawrence	3	7.3	2	5.8	1	14.9
Lee	10	5.9	5	4.2	5	10.4
Limestone	7	6.8	3	3.3	4	32.8
Lowndes	2	11.4	1	30.3	1	7.0
Macon	3	12.7	1	20.4	2	10.7
Madison	37	8.7	20	7.1	17	11.6
Marengo	2	7.8	0	0.0	2	13.9
Marion	3	9.7	3	10.0	0	0.0
Marshall	11	7.3	11	8.8	0	0.0
Mobile	44	7.3	19	5.6	25	9.4
Monroe	1	3.7	0	0.0	1	6.5
Montgomery	30	8.9	5	4.4	25	11.3
Morgan	12	8.0	10	7.9	2	8.6
Perry	1	6.4	1	33.3	0	0.0
Pickens	4	14.8	1	7.6	3	21.7
Pike	3	7.0	2	7.9	1	5.8
Randolph	2	7.9	2	10.6	0	0.0
Russell	9	11.7	4	5.4	5	200.0
St. Clair	13	11.7	12	11.8	1	10.6
Shelby	11	4.4	11	5.1	0	0.0
Sumter	2	12.2	0	0.0	2	15.7
Talladega	11	11.2	4	6.6	7	18.7
Tallapoosa	11	22.3	6	18.5	5	29.4
Tuscaloosa	28	11.3	5	3.5	23	22.2
Walker	7	8.5	5	6.6	2	31.3
Washington	1	5.9	1	8.6	0	0.0
Wilcox	3	19.6	0	0.0	3	23.8
Winston	1	4.6	1	4.7	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, 2009**

AGE AT DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	513	8.2	254	6.1	259	12.6
UNDER 1 DAY	175	2.8	74	1.8	101	4.9
1 DAY-6 DAYS	48	0.8	33	0.8	15	0.7
7 DAYS- 27 DAYS	90	1.4	42	1.0	48	2.3
28 DAYS - 364 DAYS	200	3.2	105	2.5	95	4.6

<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, 2009**

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
TOTAL	62,476	513	8.2
FIRST	25,875	225	8.7
SECOND	19,754	131	6.6
THIRD	9,734	77	7.9
FOURTH	3,677	42	11.4
FIFTH	1,242	11	8.9
SIXTH	488	4	8.2
SEVENTH & ABOVE	410	8	19.5
NOT STATED	1,296	15	—

<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, 2009**

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	RATE
ALL CAUSES	513	8.2	6.1	254	6.1	12.6	259	12.6	12.6
Certain infectious and parasitic diseases	23	36.8	33.4	14	33.4	43.9	9	43.9	43.9
Septicemia	6	9.6	9.5	4	9.5	9.7	2	9.7	9.7
Viral diseases	2	3.2	2.4	1	2.4	4.9	1	4.9	4.9
Other and unspecified infectious and parasitic diseases	15	24.0	21.4	9	21.4	29.2	6	29.2	29.2
Neoplasms	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Malignant neoplasms	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
In situ neoplasms, benign neoplasms and uncertain or unknown neoplasms	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1	1.6	0.0	0	0.0	4.9	1	4.9	4.9
Endocrine, nutritional and metabolic diseases	4	6.4	4.8	2	4.8	9.7	2	9.7	9.7
Short stature, not elsewhere classified	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Nutritional deficiencies	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Cystic fibrosis	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Volume depletion, disorders of fluid, electrolyte and acid-base balance	2	3.2	2.4	1	2.4	4.9	1	4.9	4.9
Other endocrine, nutritional and metabolic diseases	2	3.2	2.4	1	2.4	4.9	1	4.9	4.9
Diseases of the nervous system	7	11.2	4.8	2	4.8	24.4	5	24.4	24.4
Meningitis	2	3.2	0.0	0	0.0	9.7	2	9.7	9.7
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Infantile cerebral palsy	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Anoxic brain damage, not elsewhere classified	2	3.2	0.0	0	0.0	9.7	2	9.7	9.7
Other diseases of the nervous system	3	4.8	4.8	2	4.8	4.9	1	4.9	4.9
Diseases of the ear and mastoid process	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Diseases of the circulatory system	16	25.6	21.4	9	21.4	34.1	7	34.1	34.1
Pulmonary heart disease and diseases of pulmonary circulation	5	8.0	7.1	3	7.1	9.7	2	9.7	9.7
Cardiomyopathy	1	1.6	0.0	0	0.0	4.9	1	4.9	4.9
Cardiac arrest	4	6.4	7.1	3	7.1	4.9	1	4.9	4.9
Cerebrovascular diseases	4	6.4	4.8	2	4.8	9.7	2	9.7	9.7
Other diseases of the circulatory system	2	3.2	2.4	1	2.4	4.9	1	4.9	4.9
Diseases of the respiratory system	13	20.8	9.5	4	9.5	43.9	9	43.9	43.9
Acute upper respiratory infections	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Influenza and pneumonia	5	8.0	7.1	3	7.1	9.7	2	9.7	9.7
Acute bronchitis and acute bronchiolitis	4	6.4	2.4	1	2.4	14.6	3	14.6	14.6
Bronchitis, chronic and unspecified	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Asthma	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Pneumonitis due to solids and liquids	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Other and unspecified diseases of the respiratory system	4	6.4	0.0	0	0.0	0.0	4	0.0	0.0
Diseases of the digestive system	7	11.2	7.1	3	7.1	19.5	4	19.5	19.5
Gastritis, duodenitis, and noninfective enteritis and colitis	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Hernia of abdominal cavity and intestinal obstruction without hernia	2	3.2	2.4	1	2.4	4.9	1	4.9	4.9
Other and unspecified diseases of the digestive system	5	8.0	4.8	2	4.8	14.6	3	14.6	14.6
Diseases of the genitourinary system	2	3.2	0.0	0	0.0	9.7	2	9.7	9.7
Renal failure and other disorders of the kidney	2	3.2	0.0	0	0.0	9.7	2	9.7	9.7
Other and unspecified diseases of the genitourinary system	0	0.0	0.0	0	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, 2009

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
	513	8.2	6.1	254	6.1	259	12.6		
<b>ALL CAUSES</b>	513	8.2	6.1	254	6.1	259	12.6		
Certain conditions originating in the perinatal period	259	414.6	282.1	110	282.1	149	726.4		
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	38	60.8	38.1	16	38.1	22	107.2		
Newborn affected by maternal hypertensive disorders	0	0.0	0.0	0	0.0	0	0.0		
Newborn affected by other maternal conditions which may be unrelated to present pregnancy	4	6.4	0.0	0	0.0	4	19.5		
Newborn affected by maternal complications of pregnancy	22	35.2	26.2	11	26.2	11	53.6		
Newborn affected by incompetent cervix	3	4.8	4.8	2	4.8	1	4.9		
Newborn affected by premature rupture of membranes	13	20.8	19.1	8	19.1	5	24.4		
Newborn affected by multiple pregnancy	4	6.4	0.0	0	0.0	4	19.5		
Newborn affected by other maternal complications of pregnancy	2	3.2	2.4	1	2.4	1	4.9		
Newborn affected by complications of placenta, cord and membranes	11	17.6	9.5	4	9.5	7	34.1		
Newborn affected by complications involving placenta	4	6.4	4.8	2	4.8	2	9.7		
Newborn affected by complications involving cord	0	0.0	0.0	0	0.0	0	0.0		
Newborn affected by chorioamnionitis	7	11.2	4.8	2	4.8	5	24.4		
Newborn affected by other and unspecified abnormalities of membranes	0	0.0	0.0	0	0.0	0	0.0		
Newborn affected by other complications of labor and delivery	1	1.6	2.4	1	2.4	0	0.0		
Newborn affected by noxious influences transmitted by placenta or breastmilk	0	0.0	0.0	0	0.0	0	0.0		
Disorders related to length of gestation and fetal malnutrition	94	150.5	76.3	32	76.3	62	302.2		
Slow growth and fetal malnutrition	1	1.6	2.4	1	2.4	0	0.0		
Disorders related to short gestation and low birth weight, not elsewhere classified	93	148.9	73.9	31	73.9	62	302.2		
Extremely low birth weight or extreme immaturity	79	126.4	57.2	24	57.2	55	268.1		
Other low birth weight or preterm	14	22.4	16.7	7	16.7	7	34.1		
Disorders related to long gestation and high birthweight	0	0.0	0.0	0	0.0	0	0.0		
Birth trauma	0	0.0	0.0	0	0.0	0	0.0		
Intrauterine hypoxia and birth asphyxia	11	17.6	11.9	5	11.9	6	29.2		
Birth asphyxia	7	11.2	4.8	2	4.8	5	24.4		
Respiratory distress of newborn	4	6.4	7.1	3	7.1	1	4.9		
Other respiratory conditions originating in the perinatal period	17	27.2	19.1	8	19.1	9	43.9		
Congenital pneumonia	22	35.2	26.2	11	26.2	11	53.6		
Neonatal aspiration syndromes	2	3.2	4.8	2	4.8	0	0.0		
Interstitial emphysema and related conditions originating in the perinatal period	1	1.6	0.0	0	0.0	1	4.9		
Pulmonary hemorrhage originating in the perinatal period	2	3.2	2.4	1	2.4	1	4.9		
Chronic respiratory disease originating in the perinatal period	4	6.4	2.4	1	2.4	3	14.6		
Atelectasis	10	16.0	16.7	7	16.7	3	14.6		
Other respiratory conditions originating in the perinatal period	1	1.6	0.0	0	0.0	1	4.9		
Infections specific to the perinatal period	19	30.4	19.1	8	19.1	11	53.6		
Bacterial sepsis of newborn	16	25.6	14.3	6	14.3	10	48.7		
Other infections specific to the perinatal period	3	4.8	4.8	2	4.8	1	4.9		
Hemorrhagic and hematological disorders of newborn	14	22.4	21.4	9	21.4	5	24.4		
Neonatal hemorrhage	11	17.6	14.3	6	14.3	5	24.4		
Hemorrhagic disease of newborn	0	0.0	0.0	0	0.0	0	0.0		
Hemolytic disease of newborn	0	0.0	0.0	0	0.0	0	0.0		
Hematological disorders	3	4.8	7.1	3	7.1	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, 2009**

CAUSE OF DEATH	TOTAL			WHITE		BLACK AND OTHER	
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
	513	8.2		254	6.1	259	12.6
<b>ALL CAUSES</b>	513	8.2		254	6.1	259	12.6
Neonatal diabetes mellitus and syndrome of infant of diabetic mother	0	0.0		0	0.0	0	0.0
Necrotizing enterocolitis of newborn	14	22.4		8	19.1	6	29.2
Hydrops fetalis not due to hemolytic disease	3	4.8		2	4.8	1	4.9
Other perinatal conditions	27	43.2		11	26.2	16	78.0
Congenital malformations, deformations and chromosomal abnormalities	77	123.2		51	121.5	26	126.7
Anencephaly and similar malformations	2	3.2		2	4.8	0	0.0
Congenital hydrocephalus	3	4.8		2	4.8	1	4.9
Spina bifida	0	0.0		0	0.0	0	0.0
Other congenital malformations of the nervous system	7	11.2		3	7.1	4	19.5
Congenital malformations of the heart	15	24.0		11	26.2	4	19.5
Other congenital malformations of the circulatory system	1	1.6		1	2.4	0	0.0
Congenital malformations of the respiratory system	7	11.2		2	4.8	5	24.4
Congenital malformations of the digestive system	2	3.2		1	2.4	1	4.9
Congenital malformations of the genitourinary system	7	11.2		5	11.9	2	9.7
Congenital malformations and deformations of musculoskeletal system, limbs and integument	11	17.6		8	19.1	3	14.6
Down's syndrome	0	0.0		0	0.0	0	0.0
Edward's syndrome	10	16.0		7	16.7	3	14.6
Patau's syndrome	5	8.0		3	7.1	2	9.7
Other congenital malformations and deformations	3	4.8		3	7.1	0	0.0
Other chromosomal abnormalities, not elsewhere classified	4	6.4		3	7.1	1	4.9
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	87	139.3		52	123.9	35	170.6
Sudden infant death syndrome	56	89.6		32	76.3	24	117.0
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	31	49.6		20	47.7	11	53.6
All other diseases (residual of A00-R99)	0	0.0		0	0.0	0	0.0
External causes of mortality	17	27.2		7	16.7	10	48.7
Accidents	16	25.6		7	16.7	9	43.9
Motor vehicle accidents	1	1.6		0	0.0	1	4.9
Falls	0	0.0		0	0.0	0	0.0
Accidental discharge of firearms	0	0.0		0	0.0	0	0.0
Drowning	2	3.2		2	4.8	0	0.0
Accidental suffocation and strangulation in bed	6	9.6		1	2.4	5	24.4
Other accidental suffocation and strangulation	3	4.8		2	4.8	1	4.9
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	1	1.6		1	2.4	0	0.0
Accidents caused by exposure to smoke, fire and flames	0	0.0		0	0.0	0	0.0
Accidental poisoning and exposure to noxious substances	0	0.0		0	0.0	0	0.0
Other and unspecified accidents and their sequelae	3	4.8		1	2.4	2	9.7
Homicide (assault)	1	1.6		0	0.0	1	4.9
Homicide by hanging, strangulation and suffocation	0	0.0		0	0.0	0	0.0
Homicide by discharge of firearms	0	0.0		0	0.0	0	0.0
Neglect, abandonment and other maltreatment syndromes	0	0.0		0	0.0	0	0.0
Homicide by other and unspecified means	1	1.6		0	0.0	1	4.9
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, 2009**

AGE OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	513	8.2	254	6.1	259	12.6
<b>UNDER 15</b>	2	12.4	0	0.0	2	19.8
<b>15-17</b>	30	12.0	7	5.3	23	19.5
<b>18-19</b>	73	12.8	44	13.0	29	12.5
<b>20-24</b>	159	8.4	64	5.4	95	13.3
<b>25-29</b>	134	7.4	67	5.2	67	12.9
<b>30-34</b>	66	5.7	35	4.1	31	10.2
<b>35-39</b>	43	9.4	33	9.9	10	8.0
<b>40+</b>	5	5.3	3	4.4	2	7.6
<b>NOT STATED</b>	1	--	1	--	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, 2009**

BIRTH WEIGHT IN GRAMS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	513	8.2	254	6.1	259	12.6
<b>0-499 GRAMS</b>	119	915.4	41	732.1	78	1054.1
<b>500-999 GRAMS</b>	133	264.9	55	259.4	78	269.0
<b>1000-1499 GRAMS</b>	34	58.6	20	71.7	14	46.5
<b>1500-1999 GRAMS</b>	30	24.4	16	24.9	14	23.9
<b>2000-2499 GRAMS</b>	41	10.2	22	9.8	19	10.6
<b>2500-4499 GRAMS</b>	150	2.7	97	2.5	53	3.0
<b>4500 PLUS GRAMS</b>	6	12.9	3	7.7	3	41.1
<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 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, 2009**

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>	513	8.2	123	5.7	131	6.4	153	14.8	106	10.4
<b>SINGLE</b>	436	7.2	109	5.3	111	5.6	123	12.4	93	9.5
<b>MULTIPLE</b>	77	35.6	14	20.0	20	28.1	30	76.3	13	36.5
<b>TWINS</b>	72	34.7	14	21.0	19	28.1	26	67.4	13	37.5
<b>TRIPLETS OR HIGHER ORDER</b>	5	58.1	0	0.0	1	27.8	4	571.4	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 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, 2009**

	ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE
<b>TOTAL</b>	221	122	49	103
<b>RATE</b>	10.9	5.1	6.1	12.0
WHITE	117	60	22	47
RATE	8.6	3.6	4.1	9.6
BLACK AND OTHER	104	62	27	56
RATE	15.5	8.4	10.5	15.2

<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.

<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>, 1945-2009**

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S RATE	ALABAMA		ALABAMA	
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
1945	40,903	13.8	12.2	26,526	13.6	14,377	14.2
1946	56,333	18.8	16.4	38,071	19.2	18,262	17.9
1947	46,425	15.5	13.9	30,745	15.2	15,680	15.9
1948	20,926	6.9	12.4	13,574	6.7	7,362	7.5
1949	19,411	6.4	10.6	12,513	6.1	6,898	7.0
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

<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, 2009**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	39,278	8.3	29,704	8.9	9,574	7.0
Autauga	356	7.0	295	7.3	61	5.8
Baldwin	3,226	17.9	2,987	18.9	239	10.9
Barbour	182	6.1	108	7.0	74	5.2
Bibb	239	11.1	181	10.9	58	11.5
Blount	418	7.2	406	7.2	12	5.5
Bullock	62	5.6	18	5.4	44	5.8
Butler	144	7.2	86	7.6	58	6.7
Calhoun	886	7.8	680	7.7	206	8.1
Chambers	208	6.1	133	6.3	75	5.6
Cherokee	207	8.5	187	8.2	20	11.3
Chilton	395	9.2	361	9.6	34	6.2
Choctaw	149	10.7	87	11.2	62	10.0
Clarke	175	6.7	111	7.7	64	5.5
Clay	118	8.7	105	9.3	13	5.5
Cleburne	150	10.2	138	9.9	12	14.0
Coffee	521	10.7	419	11.0	102	9.5
Colbert	516	9.4	438	9.8	78	7.7
Conecuh	80	6.2	48	6.7	32	5.5
Coosa	72	6.8	56	7.8	16	4.8
Covington	434	11.8	381	12.2	53	9.7
Crenshaw	107	7.8	88	8.7	19	5.2
Cullman	685	8.4	662	8.4	23	8.4
Dale	411	8.5	314	8.7	97	8.1
Dallas	311	7.4	134	10.3	177	6.1
DeKalb	473	6.8	457	6.9	16	5.0
Elmore	704	8.9	590	9.8	114	6.0
Escambia	541	14.5	407	17.2	134	9.7
Etowah	1,050	10.1	909	10.5	141	8.1
Fayette	235	13.5	190	12.7	45	18.9
Franklin	237	7.6	223	7.7	14	7.2
Geneva	226	8.7	213	9.4	13	4.0
Greene	51	5.8	14	7.8	37	5.3
Hale	122	6.8	69	9.3	53	5.0
Henry	124	7.4	93	8.1	31	6.0
Houston	817	8.2	592	8.2	225	8.0
Jackson	595	11.3	556	11.5	39	9.0
Jefferson	4,490	6.8	2,621	7.0	1,869	6.4
Lamar	235	16.5	186	15.0	49	27.3
Lauderdale	717	8.0	645	8.2	72	6.7
Lawrence	244	7.2	216	8.0	28	3.9
Lee	800	5.9	579	5.8	221	6.1
Limestone	548	7.0	488	7.4	60	4.8
Lowndes	78	6.3	29	8.2	49	5.6
Macon	99	4.5	25	7.1	74	4.0
Madison	2,287	7.0	1,638	7.1	649	6.8
Marengo	153	7.3	69	6.9	84	7.7
Marion	662	22.7	554	20.2	108	65.5
Marshall	858	9.5	830	9.6	28	6.7
Mobile	3,747	9.1	2,558	10.1	1,189	7.5
Monroe	140	6.3	81	6.4	59	6.1
Montgomery	1,490	6.6	669	7.0	821	6.4
Morgan	859	7.3	735	7.4	124	7.1
Perry	59	5.6	17	5.1	42	5.8
Pickens	318	16.5	195	17.9	123	14.7
Pike	187	6.1	112	6.2	75	6.1
Randolph	170	7.5	133	7.7	37	7.0
Russell	748	14.7	448	15.8	300	13.3
St. Clair	757	9.2	689	9.5	68	7.5
Shelby	1,078	5.6	948	5.7	130	5.1
Sumter	192	14.9	92	26.6	100	10.6
Talladega	582	7.3	419	7.8	163	6.1
Tallapoosa	290	7.1	217	7.3	73	6.6
Tuscaloosa	989	5.4	700	5.7	289	4.7
Walker	547	8.0	516	8.2	31	5.6
Washington	473	27.7	354	31.8	119	20.0
Wilcox	67	5.4	23	6.7	44	4.9
Winston	187	7.8	182	7.8	5	8.2

<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, 2009**

MONTH	NUMBER	MONTHLY MARRIAGE RATE
TOTAL	39,278	8.3
JANUARY	2,173	5.4
FEBRUARY	3,020	8.1
MARCH	3,189	8.0
APRIL	3,226	8.4
MAY	4,313	10.8
JUNE	4,124	10.7
JULY	3,627	9.1
AUGUST	3,407	8.5
SEPTEMBER	3,241	8.4
OCTOBER	3,562	8.9
NOVEMBER	2,557	6.6
DECEMBER	2,839	7.1

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

**TABLE 74  
MARRIAGES BY RACE OF BRIDE AND GROOM  
ALABAMA, 2009**

RACE OF GROOM	RACE OF BRIDE				
	TOTAL	WHITE	BLACK	OTHER	NOT STATED
TOTAL	39,278	30,021	8,417	752	88
WHITE	29,618	28,828	321	427	42
BLACK	8,997	856	8,048	71	22
OTHER	577	287	32	254	4
NOT STATED	86	50	16	0	20

**TABLE 75  
MARRIAGES BY PREVIOUS MARITAL STATUS  
ALABAMA, 2009**

GROOM	BRIDE				
	TOTAL	NEVER	WIDOWED	DIVORCED	NOT STATED
TOTAL	39,278	22,399	1,244	15,151	484
NEVER MARRIED	22,585	18,209	161	4,087	128
WIDOWED	1,046	120	348	575	3
DIVORCED	15,200	3,981	728	10,420	71
NOT STATED	447	89	7	69	282

**TABLE 76**  
**MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM**  
**ALABAMA, 2009**

AGE OF GROOM	AGE OF BRIDE															
	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	NOT STATED
<b>TOTAL</b>	39,278	1	3,186	10,337	8,151	5,068	3,770	2,874	2,332	1,610	796	525	322	166	135	5
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1,403	1	1,001	342	41	12	5	1	0	0	0	0	0	0	0	0
20-24	8,346	0	1,732	5,257	1,019	231	67	28	4	4	3	0	0	0	0	1
25-29	8,783	0	325	3,406	3,769	939	235	81	21	4	2	0	0	0	0	1
30-34	5,545	0	83	872	2,030	1,669	617	198	57	13	4	0	1	0	0	1
35-39	4,293	0	29	290	806	1,247	1,205	497	167	40	6	6	0	0	0	0
40-44	3,274	0	10	90	304	579	905	839	382	122	29	9	4	1	0	0
45-49	2,604	0	5	38	103	259	448	669	715	277	67	18	5	0	0	0
50-54	1,819	0	1	27	40	73	172	340	505	464	140	41	13	2	1	0
55-59	1,254	0	0	5	20	32	65	145	279	373	232	74	22	4	1	2
60-64	862	0	0	4	7	23	36	46	132	196	195	171	43	8	1	0
65-69	462	0	0	1	4	1	10	15	44	76	73	115	100	17	6	0
70-74	277	0	0	3	5	2	1	7	20	25	24	47	68	61	14	0
75+	350	0	0	1	2	1	1	7	6	16	21	44	66	73	112	0
NOT STATED	6	0	0	1	1	0	3	1	0	0	0	0	0	0	0	0

**TABLE 77**  
**DIVORCES AND DIVORCE RATES<sup>1</sup>**  
**ALABAMA AND UNITED STATES<sup>2</sup>, 1945-2009**

YEAR	NUMBER	ALABAMA RATE	U.S. RATE
1945	12,435	4.2	3.5
1946	14,770	4.9	4.3
1947	10,765	3.6	3.4
1948	9,699	3.2	2.8
1949	8,575	2.8	2.7
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

<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, 2009**

COUNTY	DIVORCES	RATE
<b>TOTAL</b>	20,757	4.4
Autauga	237	4.7
Baldwin	940	5.2
Barbour	94	3.2
Bibb	60	2.8
Blount	252	4.3
Bullock	5	0.5
Butler	103	5.2
Calhoun	613	5.4
Chambers	154	4.5
Cherokee	140	5.7
Chilton	192	4.5
Choctaw	69	4.9
Clarke	57	2.2
Clay	59	4.3
Cleburne	83	5.6
Coffee	214	4.4
Colbert	265	4.9
Conecuh	48	3.7
Coosa	25	2.4
Covington	184	5.0
Crenshaw	76	5.5
Cullman	524	6.4
Dale	488	10.1
Dallas	162	3.9
Dekalb	301	4.3
Elmore	354	4.5
Escambia	95	2.5
Etowah	641	6.2
Fayette	216	12.4
Franklin	217	7.0
Geneva	134	5.2
Greene	3	0.3
Hale	41	2.3
Henry	58	3.5
Houston	608	6.1
Jackson	244	4.6
Jefferson	2,819	4.2
Lamar	78	5.5
Lauderdale	425	4.7
Lawrence	179	5.2
Lee	417	3.1
Limestone	159	2.0
Lowndes	51	4.1
Macon	25	1.1
Madison	1,302	4.0
Marengo	94	4.5
Marion	14	0.5
Marshall	503	5.6
Mobile	2,031	4.9
Monroe	93	4.2
Montgomery	907	4.0
Morgan	574	4.9
Perry	24	2.3
Pickens	49	2.5
Pike	116	3.8
Randolph	133	5.9
Russell	309	6.1
St. Clair	338	4.1
Shelby	667	3.5
Sumter	19	1.5
Talladega	442	5.5
Tallapoosa	130	3.2
Tuscaloosa	358	1.9
Walker	334	4.9
Washington	102	6.0
Wilcox	21	1.7
Winston	88	3.7

<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, 2009**

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>	20,757	11,637	4,305	3,195	944	185	29	9	4	0	0	0	449
UNDER 1	1,025	895	78	23	7	0	0	0	0	0	0	0	22
1-4	6,738	4,543	1,454	507	83	24	3	1	0	0	0	0	123
5-9	5,398	2,776	1,225	982	256	34	8	3	1	0	0	0	113
10-14	3,132	1,241	657	801	296	64	7	2	1	0	0	0	63
15-19	1,799	560	382	562	204	45	6	3	1	0	0	0	36
20-24	1,102	495	284	213	67	12	4	0	0	0	0	0	27
25-29	639	423	139	47	11	2	0	0	0	0	0	0	17
30-34	320	273	25	13	2	1	0	0	0	0	0	0	6
35-39	148	137	5	0	2	1	0	0	0	0	0	0	3
40+	162	149	7	2	0	1	0	0	0	0	0	0	3
<b>NOT STATED</b>	294	145	49	45	16	1	1	0	1	0	0	0	36

<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, 2009**

<b>PARTY TO WHOM DIVORCE GRANTED</b>	<b>TOTAL</b>	<b>DIVORCES</b>	<b>ANNULMENTS</b>
<b>TOTAL</b>	20,757	20,693	64
HUSBAND	2,327	2,318	9
WIFE	3,960	3,945	15
HUSBAND AND WIFE	14,223	14,183	40
NOT STATED	247	247	0

**TABLE 81  
DIVORCES BY RACE OF HUSBAND AND WIFE  
ALABAMA, 2009**

<b>RACE OF HUSBAND</b>	<b>TOTAL</b>	<b>RACE OF WIFE</b>	
		<b>WHITE</b>	<b>BLACK AND OTHER</b>
<b>TOTAL</b>	20,757	16,337	4,420
WHITE	16,154	15,969	185
BLACK AND OTHER	4,603	368	4,235

**TABLE 82  
DIVORCES AND ANNULMENTS  
BY LEGAL GROUNDS FOR DECREE  
ALABAMA, 2009**

<b>LEGAL GROUNDS</b>	<b>TOTAL</b>	<b>DIVORCES</b>	<b>ANNULMENTS</b>
<b>TOTAL</b>	20,757	20,693	64
ABANDONMENT	24	24	0
ADULTERY	115	115	0
BIGAMY	4	1	3
CRUELTY OR VIOLENCE	32	32	0
FRAUD	10	3	7
INCOMPATIBILITY	19,338	19,297	41
IRRETRIEVABLE BREAKDOWN	917	917	0
ALL OTHER CAUSES	166	158	8
NOT STATED	151	146	5

**TABLE 83  
DIVORCES BY AGE OF HUSBAND AND WIFE  
ALABAMA, 2009**

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>	190	2,038	3,399	3,395	3,412	2,761	2,214	1,435	749	419	187	63	65	430
<b>UNDER 20</b>	60	32	20	3	0	0	1	0	0	0	0	0	0	1
20-24	1,256	134	887	23	11	5	3	1	0	0	0	0	0	25
25-29	2,808	14	835	307	82	30	10	5	0	0	0	0	0	38
30-34	3,285	3	172	1,331	373	119	29	10	3	1	0	0	1	54
35-39	3,560	2	62	364	1,396	401	115	42	10	3	1	0	0	57
40-44	3,022	0	26	104	948	1,049	337	88	35	6	2	1	1	42
45-49	2,453	3	7	42	364	713	834	250	48	16	2	1	0	49
50-54	1,832	0	5	16	125	270	564	552	145	46	10	5	1	30
55-59	1,001	0	0	4	43	94	204	299	240	62	14	6	4	13
60-64	604	0	0	6	22	43	64	115	155	154	25	2	2	16
65-69	328	0	0	1	6	11	23	37	68	92	68	11	0	11
70-74	154	1	1	2	3	4	6	14	28	25	36	15	15	4
75+	127	0	0	1	0	2	2	7	10	8	26	21	39	11
<b>NOT STATED</b>	267	1	23	26	39	20	22	15	7	6	3	1	2	79



**TABLE 84**  
**ESTIMATED POPULATION BY COUNTY, RACE AND SEX <sup>1</sup>**  
**ALABAMA, 2009**

TOTAL	TOTAL	WHITE		BLACK & OTHER		TOTAL		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	WHITE	BLACK & OTHER
	4,708,708	1,641,173	1,698,912	640,439	728,184	2,281,612	2,427,096	3,340,085	1,368,623
Autauga	50,756	19,795	20,481	4,890	5,590	24,685	26,071	40,276	10,480
Baldwin	179,878	77,441	80,512	10,628	11,297	88,069	91,809	157,953	21,925
Barbour	29,737	8,332	7,038	7,484	6,883	15,816	13,921	15,370	14,367
Bibb	21,587	8,365	8,190	2,859	2,173	11,224	10,363	16,555	5,032
Blount	58,345	27,991	28,154	1,068	1,132	29,059	29,286	56,145	2,200
Bullock	10,985	2,066	1,272	4,029	3,618	6,095	4,890	3,338	7,647
Butler	19,964	5,456	5,892	3,951	4,665	9,407	10,557	11,348	8,616
Calhoun	114,081	42,952	45,591	11,682	13,856	54,634	59,447	88,543	25,538
Chambers	34,320	10,149	10,801	6,112	7,258	16,261	18,059	20,950	13,370
Cherokee	24,448	11,025	11,655	847	921	11,872	12,576	22,680	1,768
Chilton	42,971	18,730	18,776	2,624	2,841	21,354	21,617	37,506	5,465
Choctaw	13,990	3,796	3,972	2,762	3,460	6,558	7,432	7,768	6,222
Clarke	26,042	6,995	7,386	5,421	6,240	12,416	13,626	14,381	11,661
Clay	13,640	5,582	5,684	1,157	1,217	6,739	6,901	11,266	2,374
Cleburne	14,759	7,040	6,864	398	457	7,438	7,321	13,904	855
Coffee	48,635	18,626	19,321	5,019	5,669	23,645	24,990	37,947	10,688
Colbert	54,639	21,611	22,963	4,623	5,442	26,234	28,405	44,574	10,065
Conecuh	12,931	3,506	3,626	2,602	3,197	6,108	6,823	7,132	5,799
Coosa	10,556	3,650	3,548	1,604	1,754	5,254	5,302	7,198	3,358
Covington	36,678	15,052	16,145	2,510	2,971	17,562	19,116	31,197	5,481
Crenshaw	13,781	4,903	5,195	1,668	2,015	6,571	7,210	10,098	3,683
Cullman	81,778	39,156	39,887	1,404	1,331	40,560	41,218	79,043	2,735
Dale	48,147	17,956	18,257	5,486	6,448	23,442	24,705	36,213	11,934
Dallas	41,925	6,235	6,773	12,910	16,007	19,145	22,780	13,008	28,917
DeKalb	69,380	32,703	33,482	1,485	1,710	34,188	35,192	66,185	3,195
Elmore	79,233	29,921	30,385	10,050	8,877	39,971	39,262	60,306	18,927
Escambia	37,434	11,829	11,779	7,229	6,597	19,058	18,376	23,608	13,826
Etowah	103,645	41,857	44,446	7,940	9,402	49,797	53,848	86,303	17,342
Fayette	17,371	7,365	7,631	1,083	1,292	8,448	8,923	14,996	2,375
Franklin	31,091	14,651	14,495	974	971	15,625	15,466	29,146	1,945
Geneva	25,961	11,163	11,573	1,509	1,716	12,672	13,289	22,736	3,225
Greene	8,829	903	882	3,215	3,829	4,118	4,711	1,785	7,044
Hale	17,975	3,845	3,586	5,222	5,322	9,067	8,908	7,431	10,544
Henry	16,647	5,661	5,813	2,349	2,824	8,010	8,637	11,474	5,173
Houston	100,085	34,667	37,141	12,976	15,301	47,643	52,442	71,808	28,277
Jackson	52,838	23,696	24,814	2,078	2,250	25,774	27,064	48,510	4,328
Jefferson	665,027	181,452	192,619	133,750	157,206	315,202	349,825	374,071	290,956
Lamar	14,200	6,087	6,315	803	995	6,890	7,310	12,402	1,798
Lauderdale	89,599	37,784	41,093	4,911	5,811	42,695	46,904	78,877	10,722
Lawrence	34,106	13,331	13,625	3,407	3,743	16,738	17,368	26,956	7,150
Lee	135,883	49,875	49,541	17,113	19,354	66,988	68,895	99,416	36,467
Limestone	78,572	33,179	32,968	6,678	5,747	39,857	38,715	66,147	12,425
Lowndes	12,293	1,760	1,798	3,957	4,778	5,717	6,576	3,558	8,735
Macon	21,789	1,780	1,719	8,221	10,069	10,001	11,788	3,499	18,290
Madison	327,744	115,004	117,116	45,116	50,508	160,120	167,624	232,120	95,624
Marengo	20,943	5,025	5,022	4,877	6,019	9,902	11,041	10,047	10,896
Marion	29,116	13,538	13,928	946	704	14,484	14,632	27,466	1,650
Marshall	90,399	42,325	43,897	2,009	2,168	44,334	46,065	86,222	4,177
Mobile	411,721	123,680	130,180	73,173	84,688	196,853	214,868	253,860	157,861
Monroe	22,389	6,192	6,516	4,507	5,174	10,699	11,690	12,708	9,681
Montgomery	224,119	46,886	49,287	59,847	68,099	106,733	117,386	96,173	127,946
Morgan	117,293	49,400	50,417	8,432	9,044	57,832	59,461	99,817	17,476
Perry	10,623	1,648	1,701	3,267	4,007	4,915	5,708	3,349	7,274
Pickens	19,218	5,348	5,529	3,709	4,632	9,057	10,161	10,877	8,341
Pike	30,461	8,801	9,384	5,646	6,630	14,447	16,014	18,185	12,276
Randolph	22,577	8,385	8,913	2,495	2,784	10,880	11,697	17,298	5,279
Russell	50,846	13,806	14,560	10,240	12,240	24,046	26,800	28,366	22,480
St. Clair	81,895	36,309	36,512	4,852	4,222	41,161	40,734	72,821	9,074
Shelby	192,503	82,703	84,289	12,291	13,220	94,994	97,509	166,992	25,511
Sumter	12,853	1,677	1,779	4,144	5,253	5,821	7,032	3,456	9,397
Talladega	80,242	26,260	27,251	13,046	13,685	39,306	40,936	53,511	26,731
Tallapoosa	41,008	14,582	15,346	5,115	5,965	19,697	21,311	29,928	11,080
Tuscaloosa	184,035	60,431	61,742	28,277	33,585	88,708	95,327	122,173	61,862
Walker	68,742	30,583	32,610	2,631	2,918	33,214	35,528	63,193	5,549
Washington	17,069	5,503	5,620	2,801	3,145	8,304	8,765	11,123	5,946
Wilcox	12,384	1,643	1,766	4,029	4,946	5,672	6,712	3,409	8,975
Winston	23,997	11,525	11,859	301	312	11,826	12,171	23,384	613

<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, 2009**

AGE GROUP	TOTAL POPULATION	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
<b>TOTAL</b>	4,708,708	3,340,085	1,641,173	1,698,912	1,368,623	640,439	728,184
0-4	315,210	206,525	105,869	100,656	108,685	55,068	53,617
5-9	311,229	207,903	106,635	101,268	103,326	52,261	51,065
10-14	308,117	203,169	104,425	98,744	104,948	52,914	52,034
15-19	328,967	210,387	108,090	102,297	118,580	59,001	59,579
20-24	330,590	214,646	109,726	104,920	115,944	56,936	59,008
25-29	325,093	217,447	110,145	107,302	107,646	52,391	55,255
30-34	294,278	202,512	102,440	100,072	91,766	42,889	48,877
35-39	307,170	218,262	110,595	107,667	88,908	40,701	48,207
40-44	308,968	223,599	113,031	110,568	85,369	38,806	46,563
45-49	340,952	247,646	123,756	123,890	93,306	41,985	51,321
50-54	333,898	242,508	119,778	122,730	91,390	40,911	50,479
55-59	297,147	219,928	107,435	112,493	77,219	34,366	42,853
60-64	256,040	200,477	96,482	103,995	55,563	24,617	30,946
65-69	197,607	158,962	74,581	84,381	38,645	16,396	22,249
70-74	155,330	124,798	56,231	68,567	30,532	12,380	18,152
75-79	123,565	99,260	42,619	56,641	24,305	9,076	15,229
80-84	92,489	74,889	28,957	45,932	17,600	5,829	11,771
85+	82,058	67,167	20,378	46,789	14,891	3,912	10,979

<sup>1</sup> This is a population estimate from the US Census Bureau.

# 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. 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 and 2000, 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 2000 Census show the population for Alabama as 71.1 percent White, 26.0 percent black, 1.9 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 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.

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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.



**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

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

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

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

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

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

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

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

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

$$\text{TOTAL FERTILITY RATE} = \left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 10-14} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 15-19} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 20-24} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 25-29} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 30-34} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 35-39} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 40-44} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right) +$$

$$\left( \begin{array}{l} \text{Age-Specific Birth Rate} \\ \text{For Females Aged 45-49} \end{array} \times \begin{array}{l} \text{Age Interval} \\ \text{In Age Group} \end{array} \right)$$

(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.)

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

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

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

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

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

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

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

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

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

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

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

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

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

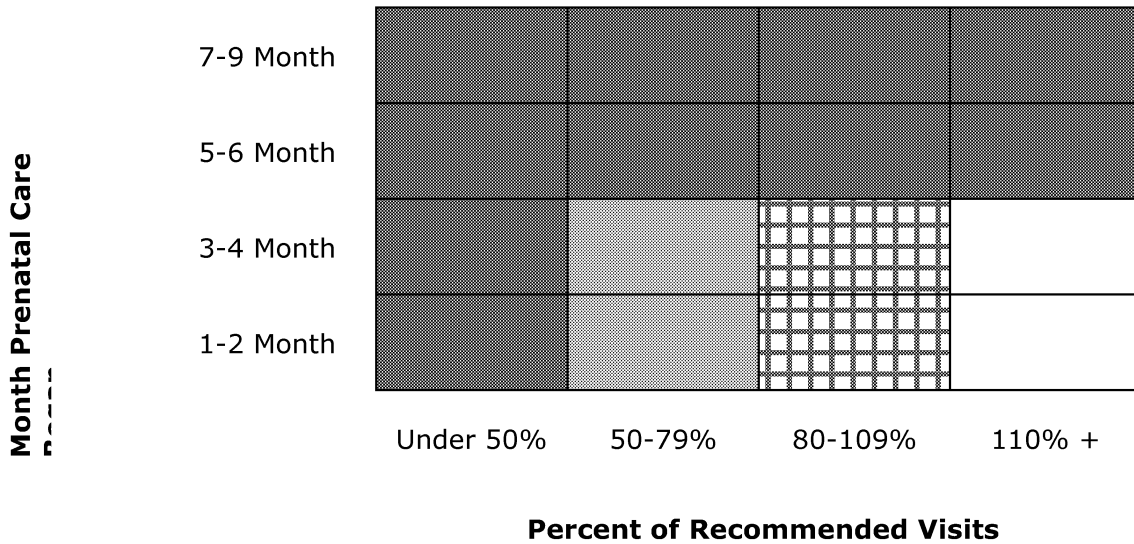
$$\text{AGE-SPECIFIC DEATH RATE} = \frac{\text{Number of Deaths for Specific Age Group}}{\text{Estimated Population In That Age Group}} \times 1,000$$

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

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

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

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

**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 Encephalitis #	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 #	J10-J18
Influenza	J10-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-N76
Pregnancy, Childbirth and the Puerperium #	O00-O99
Pregnancy with Abortive Outcome	O00-O07
Other Complications of Pregnancy, Childbirth and the Puerperium	O10-O99
Certain Conditions Originating in the Perinatal Period #	P00-P96
Congenital Malformations, Deformations and Chromosomal Abnormalities #	Q00-Q99

#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, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Other Land Transport	V01, V05-V06, V09.1, V09.3, V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9
Water, Air, and Space, and Other and Unspecified Transport Accidents and Their Sequelae	V90-V99, Y85
Nontransport Accidents	W00-X59, Y86
Falls	W00-W19
Accidental Discharge of Firearms	W32-W34
Accidental Drowning and Submersion	W65-W74
Accidental Exposure to Smoke, Fire and Flames	X00-X09
Accidental Poisoning and Exposure to Noxious Substances	X40-X49
Other and Unspecified Nontransport Accidents and Their Sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86
Intentional Self-Harm (Suicide) #	X60-X84, Y87.0

#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.

