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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, 1950-2008**

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	N/A	21,194	15.8	N/A
2008	64,345	13.8	N/A <sup>3</sup>	42,897	13.0	N/A	21,448	15.9	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, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	64,345	13.8	42,897	13.0	21,448	15.9
Autauga	766	15.2	585	14.6	181	17.7
Baldwin	2,289	13.1	1,950	12.7	339	16.0
Barbour	352	12.0	178	11.8	174	12.2
Bibb	272	12.6	215	12.9	57	11.4
Blount	699	12.2	676	12.2	23	10.7
Bullock	186	17.2	57	18.1	129	16.9
Butler	297	14.8	138	12.1	159	18.4
Calhoun	1,530	13.5	1,108	12.5	422	16.8
Chambers	418	12.1	209	10.0	209	15.5
Cherokee	233	9.5	221	9.7	12	7.1
Chilton	610	14.4	529	14.2	81	15.2
Choctaw	162	11.5	85	10.9	77	12.3
Clarke	317	12.1	142	9.8	175	14.8
Clay	164	11.9	139	12.1	25	10.6
Cleburne	195	13.2	185	13.2	10	12.2
Coffee	686	14.4	529	14.2	157	15.0
Colbert	648	11.9	506	11.3	142	14.3
Conecuh	145	11.1	64	8.8	81	14.0
Coosa	115	10.6	75	10.3	40	11.4
Covington	444	12.0	367	11.7	77	14.1
Crenshaw	168	12.2	125	12.4	43	11.6
Cullman	1,015	12.5	987	12.6	28	10.3
Dale	776	16.1	606	16.7	170	14.2
Dallas	741	17.3	159	11.8	582	19.8
DeKalb	1,029	15.0	979	15.0	50	16.4
Elmore	1,034	13.2	776	13.1	258	13.7
Escambia	566	15.1	362	15.3	204	14.7
Etowah	1,266	12.3	1,061	12.3	205	11.9
Fayette	191	10.8	160	10.5	31	12.9
Franklin	480	15.6	453	15.7	27	14.1
Geneva	335	12.9	302	13.3	33	10.2
Greene	119	13.0	19	9.9	100	13.8
Hale	216	11.9	79	10.5	137	12.9
Henry	181	10.9	130	11.4	51	9.7
Houston	1,390	14.1	920	13.0	470	17.1
Jackson	625	11.8	588	12.0	37	8.6
Jefferson	9,538	14.5	4,835	13.0	4,703	16.3
Lamar	177	12.4	152	12.2	25	13.8
Lauderdale	1,024	11.5	883	11.2	141	13.4
Lawrence	424	12.4	369	13.7	55	7.6
Lee	1,495	11.2	1,007	10.3	488	14.0
Limestone	1,060	13.9	931	14.5	129	10.9
Lowndes	179	14.2	24	6.4	155	17.4
Macon	248	11.1	39	11.1	209	11.1
Madison	4,222	13.2	2,900	12.8	1,322	14.3
Marengo	294	14.0	137	13.6	157	14.3
Marion	328	11.1	322	11.6	6	3.7
Marshall	1,499	16.9	1,259	14.9	240	63.3
Mobile	6,203	15.3	3,364	13.4	2,839	18.3
Monroe	289	12.8	162	12.6	127	13.1
Montgomery	3,560	15.8	1,211	12.4	2,349	18.5
Morgan	1,620	14.0	1,373	13.9	247	14.7
Perry	157	14.8	25	7.5	132	18.0
Pickens	260	13.3	140	12.7	120	14.1
Pike	394	13.0	215	11.8	179	14.8
Randolph	253	11.2	186	10.7	67	12.7
Russell	840	16.6	581	20.6	259	11.6
St. Clair	1,141	14.3	1,054	14.8	87	9.9
Shelby	2,642	14.1	2,281	14.0	361	14.8
Sumter	175	13.2	33	9.2	142	14.6
Talladega	1,045	13.0	642	12.0	403	15.1
Tallapoosa	537	13.2	345	11.6	192	17.4
Tuscaloosa	2,594	14.5	1,558	13.0	1,036	17.4
Walker	860	12.5	787	12.4	73	13.1
Washington	183	10.6	120	10.7	63	10.5
Wilcox	161	12.6	20	5.7	141	15.2
Winston	283	11.8	278	11.9	5	9.2

<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, 1980-2008**

<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

**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, 2008**

COUNTY AND HOSPITAL	TOTAL	COUNTY AND HOSPITAL	TOTAL
<b>ALABAMA</b>	63,450	<b>CRENSHAW</b>	157
		Crenshaw Community Hospital	157
<b>AUTAUGA</b>	3	<b>CULLMAN</b>	866
Out of Hospital	3	Cullman Regional Medical Center	860
<b>BALDWIN</b>	2,115	Out of Hospital	6
North Baldwin Infirmary	382	<b>DALE</b>	291
South Baldwin Regional Medical Center	600	Dale Medical Center	287
Thomas Hospital	1,124	Out of Hospital	4
Out of Hospital	9	<b>DALLAS</b>	924
<b>BARBOUR</b>	4	Vaughan Regional Medical Cntr Pkway	918
Medical Center Barbour	3	Out of Hospital	6
Out of Hospital	1	<b>DEKALB</b>	962
<b>BIBB</b>	1	DeKalb Regional Medical Center	955
Bibb Medical Center	1	Out of Hospital	7
<b>BLOUNT</b>	2	<b>ELMORE</b>	2
Out of Hospital	2	Out of Hospital	2
<b>BULLOCK</b>	2	<b>ESCAMBIA</b>	308
Bullock County Hospital	1	D. W. McMillan Memorial Hospital	307
Out of Hospital	1	Out of Hospital	1
<b>BUTLER</b>	1	<b>ETOWAH</b>	1,028
L V Stabler Memorial Hospital	1	Gadsden Regional Medical Center	1,027
<b>CALHOUN</b>	1,905	Out of Hospital	1
Jacksonville Medical Center	395	<b>FAYETTE</b>	2
Northeast AL Regional Medical Center	1,509	Fayette Medical Center	2
Out of Hospital	1	<b>FRANKLIN</b>	570
<b>CHAMBERS</b>	386	Russellville Hospital	569
George H. Lanier Memorial Hospital	386	Out of Hospital	1
<b>CHEROKEE</b>	0	<b>GENEVA</b>	1
<b>CHILTON</b>	0	Wiregrass Medical Center	1
<b>CHOCTAW</b>	0	<b>GREENE</b>	1
<b>CLARKE</b>	306	Out of Hospital	1
Grove Hill Memorial Hospital	141	<b>HALE</b>	1
Jackson Medical Center	164	Out of Hospital	1
Southwest Alabama Medical Center	1	<b>HENRY</b>	0
<b>CLAY</b>	0	<b>HOUSTON</b>	2,840
<b>CLEBURNE</b>	0	Flowers Hospital	1,274
<b>COFFEE</b>	861	Southeast Alabama Medical Center	1,564
Medical Center Enterprise	859	Out of Hospital	2
Out of Hospital	2	<b>JACKSON</b>	390
<b>COLBERT</b>	789	Highlands Medical Center	388
Helen Keller Memorial Hospital	786	Out of Hospital	2
Out of Hospital	3	<b>JEFFERSON</b>	15,222
<b>CONECUH</b>	0	Baptist Medical Center Princeton	436
<b>COOSA</b>	0	Brookwood Medical Center	3,538
<b>COVINGTON</b>	431	Children's Hospital	1
Mizell Memorial Hospital	20	Cooper Green-Mercy Hospital	445
Andalusia Regional Hospital	410	Medical West	687
Out of Hospital	1	St Vincent's East	1,184

**TABLE 4 (Continued)**  
**BIRTHS BY HOSPITAL OF OCCURRENCE**  
**ALABAMA, 2008**

COUNTY AND HOSPITAL	TOTAL	COUNTY AND HOSPITAL	TOTAL
St Vincent's Birmingham	3,889	<b>MORGAN</b>	1,603
Trinity Medical Center	892	Decatur General Hospital	1,214
University of Alabama Hospital	4,123	Parkway Medical Center	383
Out of Hospital	27	Out of Hospital	6
<b>LAMAR</b>	0	<b>PERRY</b>	0
<b>LAUDERDALE</b>	1,078	<b>PICKENS</b>	0
Eliza Coffee Memorial Hospital	1,077	<b>PIKE</b>	0
Out of Hospital	1	<b>RANDOLPH</b>	4
<b>LAWRENCE</b>	4	Randolph Medical Center	2
Out of Hospital	4	Out of Hospital	2
<b>LEE</b>	1,807	<b>RUSSELL</b>	0
East Alabama Medical Center	1,799	<b>ST. CLAIR</b>	4
Out of Hospital	8	Out of Hospital	4
<b>LIMESTONE</b>	536	<b>SHELBY</b>	1,158
Athens Limestone Hospital	536	Shelby Baptist Medical Center	1,145
<b>LOWNDES</b>	0	Out of Hospital	13
<b>MACON</b>	0	<b>SUMTER</b>	2
<b>MADISON</b>	5,808	Hill Hospital/Sumter	2
Crestwood Medical Center	832	<b>TALLADEGA</b>	923
Huntsville Hospital	4,958	Citizens Baptist Medical Center	456
Out of Hospital	18	Coosa Valley Baptist Medical Center	463
<b>MARENGO</b>	346	Out of Hospital	4
Bryan W. Whitfield Memorial Hospital	346	<b>TALLAPOOSA</b>	555
<b>MARION</b>	2	Russell Medical Center	555
Marion Regional Medical Center	1	<b>TUSCALOOSA</b>	3,543
Northwest Medical Center	1	DCH Regional Medical Center	1,907
<b>MARSHALL</b>	1,202	Northport Medical Center	1,627
Marshall Medical Center North	297	Out of Hospital	9
Marshall Medical Center South	898	<b>WALKER</b>	773
Out of Hospital	7	Walker Baptist Medical Center	771
<b>MOBILE</b>	7,110	Out of Hospital	2
Mobile Infirmary	1,430	<b>WASHINGTON</b>	0
Providence Hospital	1,872	<b>WILCOX</b>	1
Springhill Memorial Hospital	819	J Paul Jones Hospital	1
U.S.A. Children's and Women's Hospital	2,978	<b>WINSTON</b>	1
Out of Hospital	11	Out of Hospital	1
<b>MONROE</b>	255		
Monroe County Hospital	255		
<b>MONTGOMERY</b>	6,364		
Baptist Medical Center East	3,486		
Baptist Medical Center South	1,215		
Jackson Hospital	1,652		
Out of Hospital	11		

**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, 2008**

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>	64,345	42,897	21,448	25,667	10,910	14,757	39.9	25.4	68.8
UNDER 15	159	53	106	156	51	105	98.1	96.2	99.1
15-17	2,518	1,305	1,213	2,225	1,034	1,191	88.4	79.2	98.2
18-19	5,890	3,384	2,506	4,318	1,977	2,341	73.3	58.4	93.4
20-24	19,609	12,135	7,474	10,261	4,278	5,983	52.3	35.3	80.1
25-29	18,176	12,710	5,466	5,251	2,053	3,198	28.9	16.2	58.5
30-34	11,223	8,302	2,921	2,045	840	1,205	18.2	10.1	41.3
35-39	4,833	3,605	1,228	813	381	432	16.8	10.6	35.2
40-44	863	616	247	163	82	81	18.9	13.3	32.8
45+	36	25	11	6	2	4	---	---	---
NOT STATED	1,038	762	276	429	212	217	---	---	---

<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, 1999-2008**

RACE AND AGE OF MOTHER	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>TOTAL</b>	33.3	34.3	34.4	34.8	35.0	36.5	35.8	36.8	38.4	39.9
UNDER 15	96.4	97.0	95.1	97.0	94.2	97.5	98.0	96.3	94.1	98.1
15-17	80.4	80.9	83.3	83.8	84.1	85.8	84.2	83.8	85.8	88.4
18-19	64.8	65.2	65.8	66.6	69.1	69.0	67.2	68.7	70.4	73.3
20-24	42.8	44.8	45.4	46.5	47.4	49.1	47.8	47.9	50.2	52.3
25-29	19.2	20.9	21.5	21.9	23.0	24.6	25.4	26.3	28.0	28.9
30-34	12.5	12.2	12.3	12.8	12.6	14.4	14.7	16.1	17.0	18.2
35-39	13.1	13.3	14.1	14.4	13.8	14.2	13.4	13.9	15.4	16.8
40-44	15.8	17.4	16.5	16.7	17.6	16.5	18.5	19.6	17.3	18.9
45+	---	---	---	---	---	---	---	9.8	---	---
<b>WHITE</b>	17.2	18.0	18.8	19.7	20.2	21.7	21.0	22.3	23.9	25.4
UNDER 15	90.9	91.8	84.7	93.6	81.8	90.9	---	88.9	80.5	96.2
15-17	63.6	64.7	68.5	70.7	70.9	74.2	71.6	70.3	75.2	79.2
18-19	43.8	44.8	48.0	48.5	52.1	51.9	50.2	53.3	55.4	58.4
20-24	22.5	23.8	25.4	27.4	28.8	31.0	29.4	30.5	32.6	35.3
25-29	8.5	9.7	10.2	10.1	11.7	12.5	13.5	13.9	15.3	16.2
30-34	5.7	5.8	5.7	6.9	6.3	7.7	7.6	8.6	9.5	10.1
35-39	6.4	6.2	7.5	8.1	7.5	8.5	7.4	8.8	9.8	10.6
40-44	8.1	9.3	7.5	9.3	9.5	10.1	11.0	12.3	10.4	13.3
45+	---	---	---	---	---	---	---	---	---	---
<b>BLACK &amp; OTHER</b>	66.2	66.5	66.2	66.5	67.2	67.7	67.7	66.6	67.7	68.8
UNDER 15	98.7	99.3	100.0	98.4	100.0	100.0	100.0	100.0	100.0	99.1
15-17	97.5	97.4	98.1	97.3	97.9	97.7	97.3	97.4	97.4	98.2
18-19	91.2	91.7	90.3	92.3	93.3	93.6	92.1	90.6	91.2	93.4
20-24	74.7	76.1	76.6	77.5	78.1	79.2	78.2	77.0	79.1	80.1
25-29	49.0	49.4	50.5	52.2	54.0	54.9	55.3	56.3	57.6	58.5
30-34	36.1	34.2	35.5	34.0	35.4	36.7	37.4	38.4	39.1	41.3
35-39	32.9	34.7	33.3	32.1	33.6	33.1	33.4	30.7	32.3	35.2
40-44	34.1	36.8	35.3	35.8	36.1	34.9	35.8	37.3	36.4	32.8
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, 1960-2008 <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

<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 1971-2008 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, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	25,667	39.9	10,910	25.4	14,757	68.8
Autauga	289	37.7	171	29.2	118	65.2
Baldwin	820	35.8	577	29.6	243	71.7
Barbour	191	54.4	52	29.4	139	79.9
Bibb	112	41.2	73	34.0	39	68.4
Blount	157	22.5	149	22.0	8	34.8
Bullock	113	60.8	5	8.8	108	83.7
Butler	156	52.5	38	27.5	118	74.2
Calhoun	614	40.1	316	28.5	298	70.6
Chambers	241	57.7	79	37.8	162	77.5
Cherokee	72	30.9	64	29.0	8	66.7
Chilton	150	24.6	106	20.0	44	54.3
Choctaw	80	49.4	22	25.9	58	75.3
Clarke	147	46.4	37	26.1	110	62.9
Clay	53	32.3	34	24.5	19	76.0
Cleburne	63	32.3	57	30.8	6	60.0
Coffee	206	30.0	101	19.1	105	66.9
Colbert	244	37.7	148	29.2	96	67.6
Conecuh	90	62.1	28	43.8	62	76.5
Coosa	61	53.0	31	41.3	30	75.0
Covington	196	44.1	134	36.5	62	80.5
Crenshaw	65	38.7	36	28.8	29	67.4
Cullman	289	28.5	278	28.2	11	39.3
Dale	236	30.4	128	21.1	108	63.5
Dallas	530	71.5	48	30.2	482	82.8
DeKalb	367	35.7	351	35.9	16	32.0
Elmore	376	36.4	216	27.8	160	62.0
Escambia	270	47.7	130	35.9	140	68.6
Etowah	420	33.2	285	26.9	135	65.9
Fayette	66	34.6	42	26.3	24	77.4
Franklin	118	24.6	106	23.4	12	44.4
Geneva	132	39.4	103	34.1	29	87.9
Greene	80	67.2	4	21.1	76	76.0
Hale	129	59.7	16	20.3	113	82.5
Henry	69	38.1	32	24.6	37	72.5
Houston	613	44.1	267	29.0	346	73.6
Jackson	212	33.9	195	33.2	17	45.9
Jefferson	4,134	43.4	962	19.9	3,172	67.4
Lamar	58	32.8	40	26.3	18	72.0
Lauderdale	343	33.5	236	26.7	107	75.9
Lawrence	157	37.0	122	33.1	35	63.6
Lee	326	21.8	93	9.3	233	47.7
Limestone	331	31.2	255	27.4	76	58.9
Lowndes	139	77.7	9	37.5	130	83.9
Macon	124	50.0	6	15.4	118	56.5
Madison	1,533	36.3	717	24.7	816	61.7
Marengo	158	53.7	34	24.8	124	79.0
Marion	76	23.2	73	22.7	3	50.0
Marshall	452	30.2	403	32.0	49	20.4
Mobile	3,037	49.0	987	29.3	2,050	72.2
Monroe	144	49.8	37	22.8	107	84.3
Montgomery	1,947	54.7	216	17.9	1,731	73.7
Morgan	547	33.8	377	27.5	170	68.8
Perry	119	75.8	7	28.0	112	84.8
Pickens	137	52.7	40	28.6	97	80.8
Pike	184	46.7	54	25.1	130	72.6
Randolph	118	46.6	58	31.2	60	89.6
Russell	373	44.8	179	31.2	194	74.9
St. Clair	354	31.0	300	28.5	54	62.1
Shelby	374	14.2	270	11.8	104	28.8
Sumter	121	69.1	4	12.1	117	82.4
Talladega	545	52.2	249	38.8	296	73.4
Tallapoosa	285	53.1	126	36.5	159	82.8
Tuscaloosa	1,071	41.3	336	21.6	735	70.9
Walker	207	24.1	169	21.5	38	52.1
Washington	58	31.7	19	15.8	39	61.9
Wilcox	119	73.9	4	20.0	115	81.6
Winston	69	24.4	69	24.8	0	0.0

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

**TABLE 9  
BIRTHS BY BIRTH ORDER  
RACE AND AGE OF MOTHER  
ALABAMA, 2008**

LIVE BIRTH ORDER AND RACE	AGE OF MOTHER										NOT STATED
	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40+			
<b>TOTAL</b>	64,345	159	8,408	19,609	18,176	11,223	4,833	899			1,038
WHITE	42,897	53	4,689	12,135	12,710	8,302	3,605	641			762
BLACK AND OTHER	21,448	106	3,719	7,474	5,466	2,921	1,228	258			276
<b>FIRST</b>	26,415	154	6,793	9,334	6,245	2,705	999	185			0
WHITE	17,676	52	3,814	6,055	4,805	2,072	742	136			0
BLACK AND OTHER	8,739	102	2,979	3,279	1,440	633	257	49			0
<b>SECOND</b>	20,703	5	1,378	6,750	6,490	4,264	1,568	247			1
WHITE	14,295	1	766	4,200	4,650	3,312	1,195	170			1
BLACK AND OTHER	6,408	4	612	2,550	1,840	952	373	77			0
<b>THIRD</b>	10,397	0	203	2,606	3,551	2,573	1,259	205			0
WHITE	6,853	0	97	1,457	2,275	1,908	967	149			0
BLACK AND OTHER	3,544	0	106	1,149	1,276	665	292	56			0
<b>FOURTH</b>	3,700	0	29	718	1,268	991	572	122			0
WHITE	2,192	0	10	332	712	631	418	89			0
BLACK AND OTHER	1,508	0	19	386	556	360	154	33			0
<b>FIFTH AND ABOVE</b>	2,068	0	2	192	618	684	432	140			0
WHITE	1,098	0	0	84	264	373	280	97			0
BLACK AND OTHER	970	0	2	108	354	311	152	43			0
<b>NOT STATED</b>	1,062	0	3	9	4	6	3	0			1,037
WHITE	783	0	2	7	4	6	3	0			761
BLACK AND OTHER	279	0	1	2	0	0	0	0			276

**TABLE 10  
BIRTHS BY TRIMESTER PRENATAL CARE BEGAN  
AND PERCENT BEGUN IN FIRST TRIMESTER  
BY COUNTY OF RESIDENCE  
ALABAMA, 2008**

COUNTY	TOTAL	NO PRENATAL	PERCENT FIRST TRIMESTER	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NOT STATED
<b>TOTAL</b>	64,345	1,390	78.6	49,657	10,035	2,062	1,201
Autauga	766	6	78.7	601	137	20	2
Baldwin	2,289	20	82.3	1,881	329	55	4
Barbour	352	10	68.8	201	56	25	60
Bibb	272	4	78.3	209	44	10	5
Blount	699	7	81.5	570	105	17	0
Bullock	186	8	54.1	100	55	22	1
Butler	297	0	79.5	236	52	9	0
Calhoun	1,530	32	84.0	1,277	181	30	10
Chambers	418	2	79.1	322	62	21	11
Cherokee	233	2	79.7	169	33	8	21
Chilton	610	14	74.1	452	124	20	0
Choctaw	162	1	81.4	127	21	7	6
Clarke	317	1	77.6	242	54	15	5
Clay	164	1	81.4	131	27	2	3
Cleburne	195	0	84.9	141	20	5	29
Coffee	686	7	73.0	501	130	48	0
Colbert	648	5	75.3	484	132	22	5
Conecuh	145	0	74.5	108	29	8	0
Coosa	115	2	84.2	96	14	2	1
Covington	444	5	78.3	347	83	8	1
Crenshaw	168	0	82.1	138	21	9	0
Cullman	1,015	7	86.2	874	120	13	1
Dale	776	9	83.1	645	99	23	0
Dallas	741	33	59.2	439	223	46	0
DeKalb	1,029	82	61.5	623	208	100	16
Elmore	1,034	18	79.1	818	151	47	0
Escambia	566	4	76.8	434	106	21	1
Etowah	1,266	51	77.6	982	203	30	0
Fayette	191	2	82.2	157	23	9	0
Franklin	480	6	66.2	317	111	45	1
Geneva	335	2	85.6	286	36	10	1
Greene	119	4	73.9	88	19	8	0
Hale	216	5	72.2	156	40	15	0
Henry	181	0	86.2	156	22	3	0
Houston	1,390	10	80.9	1,122	218	37	3
Jackson	625	4	83.1	503	86	12	20
Jefferson	9,538	111	80.3	7,647	1493	274	13
Lamar	177	0	80.5	136	28	5	8
Lauderdale	1,024	8	72.0	735	236	42	3
Lawrence	424	11	76.4	323	70	19	1
Lee	1,495	20	84.6	1,149	168	21	137
Limestone	1,060	27	76.5	809	166	56	2
Lowndes	179	1	68.2	122	48	8	0
Macon	248	7	72.2	179	55	7	0
Madison	4,222	82	83.2	3,503	533	91	13
Marengo	294	3	81.0	238	47	6	0
Marion	328	3	77.1	253	56	16	0
Marshall	1,499	254	60.6	906	277	59	3
Mobile	6,203	89	82.7	5,122	880	104	8
Monroe	289	3	76.7	221	58	6	1
Montgomery	3,560	94	73.5	2,616	690	157	3
Morgan	1,620	146	69.2	1,120	264	88	2
Perry	157	2	65.6	103	40	12	0
Pickens	260	9	77.0	197	41	9	4
Pike	394	5	72.8	287	65	37	0
Randolph	253	4	73.2	164	48	8	29
Russell	840	4	67.7	84	31	5	716
St. Clair	1,141	13	77.2	878	213	34	3
Shelby	2,642	31	85.0	2,244	321	44	2
Sumter	175	2	76.8	129	27	10	7
Talladega	1,045	14	77.6	809	191	28	3
Tallapoosa	537	6	81.7	438	80	12	1
Tuscaloosa	2,594	50	81.9	2,104	331	84	25
Walker	860	11	85.3	734	104	11	0
Washington	183	3	83.9	146	20	5	9
Wilcox	161	4	62.7	101	44	12	0
Winston	283	9	80.5	227	36	10	1

**TABLE 11  
BIRTHS AND PERCENT<sup>1</sup> OF BIRTHS BY THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX  
BY COUNTY OF RESIDENCE  
ALABAMA, 2008**

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	64,345	21,197	33.6	25,575	40.6	7,443	11.8	8,799	14.0	1,331
AUTAUGA	766	207	27.1	379	49.6	73	9.6	105	13.7	2
BALDWIN	2,289	989	43.3	854	37.4	201	8.8	239	10.5	6
BARBOUR	352	73	25.2	120	41.4	27	9.3	70	24.1	62
BIBB	272	89	33.3	110	41.2	30	11.2	38	14.2	5
BLOUNT	699	276	39.7	281	40.4	77	11.1	62	8.9	3
BULLOCK	186	29	15.8	63	34.4	26	14.2	65	35.5	3
BUTLER	297	87	29.4	127	42.9	47	15.9	35	11.8	1
CALHOUN	1,530	331	21.8	711	46.9	314	20.7	161	10.6	13
CHAMBERS	418	109	26.8	205	50.4	37	9.1	56	13.8	11
CHEROKEE	233	54	25.6	86	40.8	46	21.8	25	11.8	22
CHILTON	610	156	25.6	222	36.4	125	20.5	107	17.5	0
CHOCTAW	162	68	44.2	52	33.8	18	11.7	16	10.4	8
CLARKE	317	135	44.4	101	33.2	30	9.9	38	12.5	13
CLAY	164	64	39.8	72	44.7	14	8.7	11	6.8	3
CLEBURNE	195	47	28.3	72	43.4	30	18.1	17	10.2	29
COFFEE	686	163	23.8	341	49.8	45	6.6	136	19.9	1
COLBERT	648	260	40.7	268	41.9	42	6.6	69	10.8	9
CONECUJH	145	46	31.9	51	35.4	24	16.7	23	16.0	1
COOSA	115	54	47.4	41	36.0	9	7.9	10	8.8	1
COVINGTON	444	157	35.4	183	41.3	47	10.6	56	12.6	1
CRENSHAW	168	45	26.9	78	46.7	25	15.0	19	11.4	1
CULLMAN	1,015	521	51.4	368	36.3	52	5.1	72	7.1	2
DALE	776	170	21.9	436	56.3	80	10.3	89	11.5	1
DALLAS	741	203	27.5	246	33.3	83	11.2	206	27.9	3
DEKALB	1,029	221	21.9	287	28.4	205	20.3	297	29.4	19
ELMORE	1,034	293	28.4	485	47.0	104	10.1	151	14.6	1
ESCAMBIA	566	181	32.1	223	39.5	73	12.9	87	15.4	2
ETOWAH	1,266	369	29.2	516	40.8	190	15.0	189	15.0	2
FAYETTE	191	66	34.7	79	41.6	18	9.5	27	14.2	1
FRANKLIN	480	145	30.5	155	32.6	66	13.9	110	23.1	4
GENEVA	335	79	23.7	182	54.5	43	12.9	30	9.0	1
GREENE	119	27	22.7	52	43.7	13	10.9	27	22.7	0
HALE	216	57	26.5	78	36.3	32	14.9	48	22.3	1
HENRY	181	43	23.8	110	60.8	13	7.2	15	8.3	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, 2008**

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	1,390	327	23.6	733	52.8	164	11.8	163	11.8	3
JACKSON	625	213	35.3	267	44.2	66	10.9	58	9.6	21
JEFFERSON	9,538	3,646	38.3	3,745	39.4	940	9.9	1,180	12.4	27
LAMAR	177	67	39.6	61	36.1	22	13.0	19	11.2	8
LAUDERDALE	1,024	423	41.6	367	36.1	83	8.2	144	14.2	7
LAWRENCE	424	114	27.1	157	37.3	77	18.3	73	17.3	3
LEE	1,495	524	38.7	638	47.1	80	5.9	112	8.3	141
LIMESTONE	1,060	292	27.8	460	43.8	127	12.1	172	16.4	9
LOWNDES	179	54	30.2	66	36.9	26	14.5	33	18.4	0
MACON	248	71	28.6	110	44.4	21	8.5	46	18.5	0
MADISON	4,222	1,112	26.4	1,978	47.0	662	15.7	455	10.8	15
MARENGO	294	115	39.1	108	36.7	38	12.9	33	11.2	0
MARION	328	108	33.0	135	41.3	40	12.2	44	13.5	1
MARSHALL	1,499	476	31.9	408	27.3	133	8.9	475	31.8	7
MOBILE	6,203	2,479	40.0	2,388	38.6	696	11.2	627	10.1	13
MONROE	289	117	40.8	94	32.8	38	13.2	38	13.2	2
MONTGOMERY	3,560	959	27.0	1,524	42.9	438	12.3	629	17.7	10
MORGAN	1,620	416	25.8	528	32.7	287	17.8	383	23.7	6
PERRY	157	46	29.7	46	29.7	28	18.1	35	22.6	2
PICKENS	260	82	32.2	109	42.7	27	10.6	37	14.5	5
PIKE	394	89	22.6	179	45.4	39	9.9	87	22.1	0
RANDOLPH	253	69	31.1	95	42.8	19	8.6	39	17.6	31
RUSSELL	840	40	32.3	48	38.7	8	6.5	28	22.6	716
ST. CLAIR	1,141	441	38.8	420	37.0	124	10.9	151	13.3	5
SHELBY	2,642	953	36.1	1,154	43.8	296	11.2	234	8.9	5
SUMTER	175	65	39.2	59	35.5	20	12.0	22	13.3	9
TALLADEGA	1,045	317	30.5	408	39.2	164	15.8	151	14.5	5
TALLAPOOSA	537	259	48.4	174	32.5	44	8.2	58	10.8	2
TUSCALOOSA	2,594	763	29.7	1,021	39.8	387	15.1	395	15.4	28
WALKER	860	511	59.4	253	29.4	21	2.4	75	8.7	0
WASHINGTON	183	59	35.3	62	37.1	28	16.8	18	10.8	16
WILCOX	161	37	23.0	58	36.0	22	13.7	44	27.3	0
WINSTON	283	139	49.5	88	31.3	19	6.8	35	12.5	2

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

**TABLE 12**  
**BIRTHS BY RACE, AGE OF MOTHER**  
**AND THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX <sup>1</sup>**  
**ALABAMA, 2008**

RACE AND AGE OF MOTHER	TOTAL	THE ADEQUACY OF PRENATAL CARE UTILIZATION INDEX				
		ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE	UNKNOWN
<b>TOTAL</b>	64,345	21,197	25,575	7,443	8,799	1,331
UNDER 15	159	36	28	14	80	1
15-19	8,408	2,389	2,999	1,168	1,808	44
20-24	19,609	5,970	7,591	2,565	3,394	89
25-29	18,176	6,283	7,756	2,081	1,989	67
30-34	11,223	4,254	4,809	1,098	1,008	54
35-39	4,833	1,868	2,068	441	422	34
40-44	863	375	316	73	93	6
45+	36	22	7	3	3	1
NOT STATED	1,038	0	1	0	2	1,035
<b>WHITE</b>	42,897	14,293	17,789	4,909	4,966	940
UNDER 15	53	11	9	8	24	1
15-19	4,689	1,343	1,778	661	885	22
20-24	12,135	3,675	4,941	1,617	1,859	43
25-29	12,710	4,404	5,601	1,435	1,222	48
30-34	8,302	3,171	3,650	813	630	38
35-39	3,605	1,397	1,570	326	285	27
40-44	616	276	234	46	58	2
45+	25	16	5	3	1	0
NOT STATED	762	0	1	0	2	759
<b>BLACK AND OTHER</b>	21,448	6,904	7,786	2,534	3,833	391
UNDER 15	106	25	19	6	56	0
15-19	3,719	1,046	1,221	507	923	22
20-24	7,474	2,295	2,650	948	1,535	46
25-29	5,466	1,879	2,155	646	767	19
30-34	2,921	1,083	1,159	285	378	16
35-39	1,228	471	498	115	137	7
40-44	247	99	82	27	35	4
45+	11	6	2	0	2	1
NOT STATED	276	0	0	0	0	276

<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, 2008**

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>	64,345	159	2,518	5,890	19,609	18,176	11,223	4,833	863	36	1,038
WHITE	42,897	53	1,305	3,384	12,135	12,710	8,302	3,605	616	25	762
BLACK AND OTHER	21,448	106	1,213	2,506	7,474	5,466	2,921	1,228	247	11	276
<b>LESS THAN 500 GRAMS</b>	139	1	7	6	45	36	27	16	1	0	0
WHITE	57	0	5	2	10	12	15	13	0	0	0
BLACK AND OTHER	82	1	2	4	35	24	12	3	1	0	0
<b>500-999 GRAMS</b>	520	1	25	48	148	141	88	57	12	0	0
WHITE	243	0	8	16	69	63	43	40	4	0	0
BLACK AND OTHER	277	1	17	32	79	78	45	17	8	0	0
<b>1,000-1,499 GRAMS</b>	674	2	28	73	193	171	133	63	10	1	0
WHITE	335	0	11	30	86	86	74	42	6	0	0
BLACK AND OTHER	339	2	17	43	107	85	59	21	4	1	0
<b>1,500-1,999 GRAMS</b>	1,276	7	62	117	374	357	233	95	27	4	0
WHITE	633	0	19	49	177	181	137	57	12	1	0
BLACK AND OTHER	643	7	43	68	197	176	96	38	15	3	0
<b>2,000-2,499 GRAMS</b>	4,107	16	194	478	1,302	1,049	681	317	68	2	0
WHITE	2,210	5	77	223	624	605	419	213	42	2	0
BLACK AND OTHER	1,897	11	117	255	678	444	262	104	26	0	0
<b>2,500-4,499 GRAMS</b>	56,121	132	2,198	5,149	17,446	16,281	9,932	4,224	725	29	5
WHITE	38,266	48	1,181	3,051	11,085	11,648	7,503	3,186	537	22	5
BLACK AND OTHER	17,855	84	1,017	2,098	6,361	4,633	2,429	1,038	188	7	0
<b>4,500 GRAMS &amp; OVER</b>	452	0	4	17	93	135	124	58	20	0	1
WHITE	378	0	4	11	78	111	107	51	15	0	1
BLACK AND OTHER	74	0	0	6	15	24	17	7	5	0	0
<b>NOT STATED</b>	1,056	0	0	2	8	6	5	3	0	0	1,032
WHITE	775	0	0	2	6	4	4	3	0	0	756
BLACK AND OTHER	281	0	0	0	2	2	1	0	0	0	276

<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, 1960-2008**

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

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



**TABLE 15**  
**LOW WEIGHT BIRTHS<sup>1</sup> AND PERCENT<sup>2</sup> OF LOW WEIGHT BIRTHS**  
**BY COUNTY OF RESIDENCE AND RACE OF MOTHER**  
**ALABAMA, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	6,716	10.6	3,478	8.3	3,238	15.3
Autauga	71	9.3	45	7.7	26	14.4
Baldwin	199	8.7	149	7.6	50	14.7
Barbour	34	11.6	12	7.7	22	16.1
Bibb	31	11.4	23	10.7	8	14.0
Blount	57	8.2	55	8.1	2	8.7
Bullock	23	12.4	0	0.0	23	18.0
Butler	33	11.1	9	6.5	24	15.1
Calhoun	129	8.5	78	7.1	51	12.1
Chambers	42	10.3	22	11.0	20	9.7
Cherokee	21	9.9	21	10.5	0	0.0
Chilton	58	9.5	43	8.1	15	18.5
Choctaw	17	10.5	11	12.9	6	7.8
Clarke	39	12.3	10	7.0	29	16.6
Clay	15	9.3	11	8.1	4	16.0
Cleburne	9	5.4	7	4.5	2	22.2
Coffee	66	9.6	38	7.2	28	17.8
Colbert	86	13.3	65	12.9	21	14.9
Conecuh	22	15.2	8	12.5	14	17.3
Coosa	11	9.6	5	6.7	6	15.0
Covington	40	9.0	26	7.1	14	18.2
Crenshaw	15	8.9	5	4.0	10	23.3
Cullman	102	10.1	97	9.8	5	17.9
Dale	66	8.5	37	6.1	29	17.2
Dallas	90	12.1	8	5.0	82	14.1
DeKalb	88	8.6	82	8.4	6	12.0
Elmore	92	8.9	59	7.6	33	12.8
Escambia	60	10.6	31	8.6	29	14.2
Etowah	109	8.6	84	7.9	25	12.2
Fayette	20	10.5	12	7.5	8	25.8
Franklin	49	10.2	46	10.2	3	11.1
Geneva	36	10.7	29	9.6	7	21.2
Greene	25	21.0	1	5.3	24	24.0
Hale	27	12.5	3	3.8	24	17.5
Henry	11	6.1	5	3.8	6	11.8
Houston	124	8.9	64	7.0	60	12.8
Jackson	65	10.4	60	10.2	5	13.5
Jefferson	1,177	12.3	443	9.2	734	15.6
Lamar	23	13.1	18	11.8	5	20.8
Lauderdale	94	9.2	76	8.6	18	12.8
Lawrence	39	9.2	29	7.9	10	18.2
Lee	87	6.4	39	4.4	48	10.0
Limestone	106	10.0	90	9.7	16	12.4
Lowndes	24	13.4	2	8.3	22	14.2
Macon	33	13.3	4	10.3	29	13.9
Madison	477	11.3	256	8.8	221	16.7
Marengo	40	13.6	15	10.9	25	15.9
Marion	31	9.5	30	9.3	1	16.7
Marshall	116	7.7	103	8.2	13	5.4
Mobile	742	12.0	296	8.8	446	15.7
Monroe	54	18.7	24	14.8	30	23.6
Montgomery	440	12.4	95	7.9	345	14.7
Morgan	156	9.6	117	8.5	39	15.8
Perry	17	10.8	1	4.0	16	12.1
Pickens	34	13.1	11	7.9	23	19.2
Pike	35	8.9	12	5.6	23	12.8
Randolph	17	7.6	12	7.5	5	7.7
Russell	10	8.1	5	6.4	5	10.9
St. Clair	98	8.6	80	7.6	18	20.7
Shelby	210	7.9	154	6.8	56	15.5
Sumter	28	16.1	1	3.0	27	19.1
Talladega	137	13.2	54	8.4	83	20.7
Tallapoosa	67	12.5	28	8.1	39	20.3
Tuscaloosa	288	11.1	116	7.5	172	16.6
Walker	84	9.8	70	8.9	14	19.2
Washington	13	7.1	5	4.2	8	12.7
Wilcox	27	16.8	1	5.0	26	18.4
Winston	30	10.6	30	10.8	0	0.0

<sup>1</sup> Low weight births are those weighing less than 2500 grams or 5 pounds and 8 ounces.

<sup>2</sup> Denominator includes only births with known birth weight.

**TABLE 16**  
**LOW WEIGHT BIRTHS<sup>1</sup> AND PERCENT<sup>2</sup> OF LOW WEIGHT BIRTHS<sup>3</sup>**  
**BY RACE AND AGE OF MOTHER**  
**ALABAMA, 2008**

<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>	64,345	6,716	10.6	1056
UNDER 15	159	27	17.0	0
15-17	2,518	316	12.5	0
18-19	5,890	722	12.3	2
20-24	19,609	2,062	10.5	8
25-29	18,176	1,754	9.7	6
30-34	11,223	1,162	10.4	5
35-39	4,833	548	11.3	3
40-44	863	118	13.7	0
45+	36	7	19.4	0
NOT STATED	1,038	0	--	1032
<b>WHITE</b>	42,897	3,478	8.3	775
UNDER 15	53	5	9.4	0
15-17	1,305	120	9.2	0
18-19	3,384	320	9.5	2
20-24	12,135	966	8.0	6
25-29	12,710	947	7.5	4
30-34	8,302	688	8.3	4
35-39	3,605	365	10.1	3
40-44	616	64	10.4	0
45+	25	3	12.0	0
NOT STATED	762	0	--	756
<b>BLACK AND OTHER</b>	21,448	3,238	15.3	281
UNDER 15	106	22	20.8	0
15-17	1,213	196	16.2	0
18-19	2,506	402	16.0	0
20-24	7,474	1,096	14.7	2
25-29	5,466	807	14.8	2
30-34	2,921	474	16.2	1
35-39	1,228	183	14.9	0
40-44	247	54	21.9	0
45+	11	4	36.4	0
NOT STATED	276	0	--	276

<sup>1</sup> Low weight births are those weighing less than 2500 grams or 5 pounds and 8 ounces.

<sup>2</sup> Percentages were not calculated in instances of fewer than 50 live births in a specified population.

<sup>3</sup> Denominator includes only births with known birth weight.

**TABLE 17**  
**BIRTHS TO TEENAGERS AS A PERCENT OF ALL BIRTHS**  
**BY RACE OF MOTHER**  
**ALABAMA AND UNITED STATES, 1960-2008**

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 <sup>1</sup>	4,825	11.4	3,845	18.7
2007	8,776	13.7	N/A	4,899	11.4	3,877	18.3
2008	8,567	13.3	N/A	4,742	11.1	3,825	17.8

<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, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	<b>8,567</b>	<b>13.3</b>	<b>4,742</b>	<b>11.1</b>	<b>3,825</b>	<b>17.8</b>
Autauga	101	13.2	80	13.7	21	11.6
Baldwin	299	13.1	228	11.7	71	20.9
Barbour	53	15.1	18	10.1	35	20.1
Bibb	41	15.1	33	15.3	8	14.0
Blount	81	11.6	78	11.5	3	13.0
Bullock	43	23.1	8	14.0	35	27.1
Butler	47	15.8	16	11.6	31	19.5
Calhoun	227	14.8	150	13.5	77	18.2
Chambers	79	18.9	31	14.8	48	23.0
Cherokee	35	15.0	33	14.9	2	16.7
Chilton	97	15.9	80	15.1	17	21.0
Choctaw	26	16.0	9	10.6	17	22.1
Clarke	31	9.8	10	7.0	21	12.0
Clay	23	14.0	17	12.2	6	24.0
Cleburne	30	15.4	29	15.7	1	10.0
Coffee	80	11.7	47	8.9	33	21.0
Colbert	93	14.4	68	13.4	25	17.6
Conecuh	24	16.6	4	6.3	20	24.7
Coosa	21	18.3	13	17.3	8	20.0
Covington	72	16.2	61	16.6	11	14.3
Crenshaw	26	15.5	21	16.8	5	11.6
Cullman	164	16.2	162	16.4	2	7.1
Dale	85	11.0	56	9.2	29	17.1
Dallas	144	19.4	23	14.5	121	20.8
DeKalb	172	16.7	161	16.4	11	22.0
Elmore	131	12.7	92	11.9	39	15.1
Escambia	95	16.8	54	14.9	41	20.1
Etowah	202	16.0	168	15.8	34	16.6
Fayette	26	13.6	22	13.8	4	12.9
Franklin	78	16.3	73	16.1	5	18.5
Geneva	58	17.3	47	15.6	11	33.3
Greene	16	13.4	2	10.5	14	14.0
Hale	33	15.3	7	8.9	26	19.0
Henry	25	13.8	13	10.0	12	23.5
Houston	188	13.5	99	10.8	89	18.9
Jackson	90	14.4	81	13.8	9	24.3
Jefferson	1,157	12.1	348	7.2	809	17.2
Lamar	22	12.4	16	10.5	6	24.0
Lauderdale	129	12.6	104	11.8	25	17.7
Lawrence	75	17.7	67	18.2	8	14.5
Lee	145	9.7	68	6.8	77	15.8
Limestone	122	11.5	104	11.2	18	14.0
Lowndes	32	17.9	2	8.3	30	19.4
Macon	52	21.0	5	12.8	47	22.5
Madison	451	10.7	251	8.7	200	15.1
Marengo	49	16.7	19	13.9	30	19.1
Marion	53	16.2	53	16.5	0	0.0
Marshall	234	15.6	200	15.9	34	14.2
Mobile	914	14.7	359	10.7	555	19.5
Monroe	47	16.3	18	11.1	29	22.8
Montgomery	532	14.9	87	7.2	445	18.9
Morgan	199	12.3	157	11.4	42	17.0
Perry	28	17.8	2	8.0	26	19.7
Pickens	24	9.2	9	6.4	15	12.5
Pike	59	15.0	22	10.2	37	20.7
Randolph	42	16.6	27	14.5	15	22.4
Russell	24	2.9	14	2.4	10	3.9
St. Clair	143	12.5	126	12.0	17	19.5
Shelby	145	5.5	119	5.2	26	7.2
Sumter	26	14.9	0	0.0	26	18.3
Talladega	173	16.6	100	15.6	73	18.1
Tallapoosa	84	15.6	45	13.0	39	20.3
Tuscaloosa	332	12.8	135	8.7	197	19.0
Walker	139	16.2	129	16.4	10	13.7
Washington	26	14.2	18	15.0	8	12.7
Wilcox	32	19.9	3	15.0	29	20.6
Winston	41	14.5	41	14.7	0	0.0

**TABLE 19**  
**RESIDENT BIRTHS TO TEENAGERS AND BIRTH RATES <sup>1</sup>**  
**BY RACE OF MOTHER AND COUNTY OF RESIDENCE**  
**ALABAMA, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	8,567	27.4	4,742	23.7	3,825	34.2
Autauga	101	28.6	80	29.4	21	25.7
Baldwin	299	27.6	228	25.1	71	40.7
Barbour	53	29.5	18	24.0	35	33.4
Bibb	41	30.7	33	34.1	8	21.7
Blount	81	22.7	78	23.0	3	16.3
Bullock	43	66.4	8	77.7	35	64.2
Butler	47	36.0	16	26.0	31	44.9
Calhoun	227	30.9	150	28.5	77	37.0
Chambers	79	33.7	31	24.4	48	44.6
Cherokee	35	26.4	33	27.0	2	19.2
Chilton	97	36.9	80	36.1	17	40.9
Choctaw	26	29.3	9	22.0	17	35.6
Clarke	31	16.5	10	11.1	21	21.3
Clay	23	28.6	17	26.9	6	34.9
Cleburne	30	32.7	29	34.2	1	14.5
Coffee	80	26.5	47	21.5	33	39.5
Colbert	93	27.8	68	26.5	25	32.1
Conecuh	24	28.2	4	10.1	20	44.0
Coosa	21	32.7	13	33.6	8	31.4
Covington	72	32.5	61	34.0	11	26.1
Crenshaw	26	30.1	21	36.2	5	17.6
Cullman	164	32.8	162	33.8	2	10.1
Dale	85	25.8	56	24.7	29	28.0
Dallas	144	45.9	23	33.0	121	49.5
DeKalb	172	40.4	161	39.8	11	50.5
Elmore	131	26.2	92	25.3	39	28.8
Escambia	95	41.1	54	39.9	41	42.7
Etowah	202	31.0	168	34.0	34	21.6
Fayette	26	22.6	22	23.4	4	19.0
Franklin	78	41.1	73	41.8	5	33.1
Geneva	58	39.8	47	38.6	11	46.0
Greene	16	25.0	2	24.4	14	25.0
Hale	33	25.7	7	15.6	26	31.2
Henry	25	24.7	13	21.2	12	30.0
Houston	188	29.6	99	24.0	89	40.3
Jackson	90	26.7	81	26.9	9	25.6
Jefferson	1,157	26.8	348	16.8	809	35.9
Lamar	22	24.9	16	22.0	6	39.0
Lauderdale	129	22.3	104	21.1	25	28.9
Lawrence	75	33.8	67	41.2	8	13.4
Lee	145	13.6	68	9.0	77	25.1
Limestone	122	25.0	104	25.6	18	22.0
Lowndes	32	34.3	2	8.8	30	42.4
Macon	52	25.8	5	28.4	47	25.5
Madison	451	20.3	251	17.8	200	24.6
Marengo	49	31.4	19	34.0	30	30.0
Marion	53	31.7	53	33.3	0	0.0
Marshall	234	43.3	200	39.2	34	111.8
Mobile	914	31.1	359	22.7	555	41.0
Monroe	47	27.4	18	20.9	29	34.0
Montgomery	532	32.4	87	15.9	445	40.7
Morgan	199	27.2	157	26.6	42	29.7
Perry	28	29.2	2	6.8	26	38.9
Pickens	24	17.9	9	14.4	15	21.0
Pike	59	25.9	22	17.2	37	37.2
Randolph	42	26.9	27	25.0	15	31.3
Russell	24	6.9	14	8.2	10	5.6
St. Clair	143	29.5	126	29.5	17	29.5
Shelby	145	11.6	119	11.3	26	13.1
Sumter	26	24.9	0	0.0	26	30.8
Talladega	173	32.8	100	31.6	73	34.6
Tallapoosa	84	32.8	45	27.4	39	42.5
Tuscaloosa	332	24.7	135	17.3	197	34.9
Walker	139	32.8	129	34.1	10	21.7
Washington	26	21.1	18	25.9	8	14.8
Wilcox	32	32.0	3	14.2	29	36.8
Winston	41	28.4	41	29.3	0	0.0

<sup>1</sup> Rate is per 1,000 females aged 10- 19 in specified group. See formula in Appendix B. Use caution with rates derived from small numbers or rates that are based on small populations. Rates that apply to populations of less than 1,000 are shaded.

**TABLE 20  
NUMBER AND PERCENT OF TEENAGE BIRTHS  
TO UNMARRIED WOMEN BY RACE OF MOTHER <sup>1</sup>  
ALABAMA AND UNITED STATES, 1960-2008 <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	N/A	3,062	64.6	3,637	95.1

<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, 2008**

COUNTY OF RESIDENCE	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>TOTAL</b>	6,699	78.2	3,062	64.6	3,637	95.1
Autauga	82	81.2	63	78.8	19	90.5
Baldwin	225	75.3	157	68.9	68	95.8
Barbour	41	77.4	7	38.9	34	97.1
Bibb	32	78.0	24	72.7	8	100.0
Blount	49	60.5	48	61.5	1	33.3
Bullock	34	79.1	0	0.0	34	97.1
Butler	40	85.1	11	68.8	29	93.5
Calhoun	163	71.8	88	58.7	75	97.4
Chambers	70	88.6	24	77.4	46	95.8
Cherokee	22	62.9	20	60.6	2	100.0
Chilton	55	56.7	40	50.0	15	88.2
Choctaw	24	92.3	7	77.8	17	100.0
Clarke	27	87.1	6	60.0	21	100.0
Clay	16	69.6	10	58.8	6	100.0
Cleburne	20	66.7	19	65.5	1	100.0
Coffee	62	77.5	30	63.8	32	97.0
Colbert	71	76.3	47	69.1	24	96.0
Conecuh	22	91.7	2	50.0	20	100.0
Coosa	17	81.0	10	76.9	7	87.5
Covington	55	76.4	44	72.1	11	100.0
Crenshaw	18	69.2	13	61.9	5	100.0
Cullman	107	65.2	105	64.8	2	100.0
Dale	57	67.1	30	53.6	27	93.1
Dallas	139	96.5	18	78.3	121	100.0
DeKalb	111	64.5	105	65.2	6	54.5
Elmore	106	80.9	69	75.0	37	94.9
Escambia	82	86.3	41	75.9	41	100.0
Etowah	121	59.9	91	54.2	30	88.2
Fayette	18	69.2	15	68.2	3	75.0
Franklin	38	48.7	34	46.6	4	80.0
Geneva	45	77.6	34	72.3	11	100.0
Greene	14	87.5	1	50.0	13	92.9
Hale	30	90.9	4	57.1	26	100.0
Henry	22	88.0	10	76.9	12	100.0
Houston	156	83.0	71	71.7	85	95.5
Jackson	62	68.9	54	66.7	8	88.9
Jefferson	985	85.1	215	61.8	770	95.2
Lamar	16	72.7	10	62.5	6	100.0
Lauderdale	94	72.9	69	66.3	25	100.0
Lawrence	56	74.7	49	73.1	7	87.5
Lee	80	55.2	21	30.9	59	76.6
Limestone	83	68.0	66	63.5	17	94.4
Lowndes	31	96.9	2	100.0	29	96.7
Macon	47	90.4	4	80.0	43	91.5
Madison	377	83.6	184	73.3	193	96.5
Marengo	41	83.7	12	63.2	29	96.7
Marion	26	49.1	26	49.1	0	0.0
Marshall	149	63.7	131	65.5	18	52.9
Mobile	804	88.0	268	74.7	536	96.6
Monroe	40	85.1	13	72.2	27	93.1
Montgomery	470	88.3	41	47.1	429	96.4
Morgan	141	70.9	102	65.0	39	92.9
Perry	27	96.4	1	50.0	26	100.0
Pickens	24	100.0	9	100.0	15	100.0
Pike	50	84.7	14	63.6	36	97.3
Randolph	30	71.4	15	55.6	15	100.0
Russell	17	70.8	7	50.0	10	100.0
St. Clair	108	75.5	91	72.2	17	100.0
Shelby	79	54.5	59	49.6	20	76.9
Sumter	26	100.0	0	0.0	26	100.0
Talladega	144	83.2	73	73.0	71	97.3
Tallapoosa	76	90.5	37	82.2	39	100.0
Tuscaloosa	281	84.6	92	68.1	189	95.9
Walker	72	51.8	63	48.8	9	90.0
Washington	20	76.9	12	66.7	8	100.0
Wilcox	30	93.8	2	66.7	28	96.6
Winston	22	53.7	22	53.7	0	0.0

**TABLE 22**  
**FERTILITY RATES AND AGE-SPECIFIED BIRTH RATES <sup>1</sup>**  
**ALABAMA, SELECTED YEARS 1940-2008**

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

<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 1970-2008**

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

<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 1970-2008**

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

<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, 2008**

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>	87,941	93.4	64,345	9,737	13,859	55,778	88.6	42,897	3,901	8,980	32,163	103.0	21,448	5,836	4,879
Autauga	998	95.2	766	72	160	740	91.4	585	35	120	258	107.7	181	37	40
Baldwin	2,838	84.4	2,289	83	466	2,408	83.1	1,950	62	396	430	92.8	339	21	70
Barbour	468	93.9	352	43	73	223	100.1	178	9	36	245	89.0	174	34	37
Bibb	363	85.9	272	33	58	285	87.4	215	24	46	78	80.8	57	9	12
Blount	892	77.3	699	48	145	862	78.1	676	46	140	30	60.9	23	2	5
Bullock	255	140.8	186	30	39	73	225.3	57	5	11	182	122.4	129	25	28
Butler	396	101.0	297	34	65	174	89.5	138	7	29	222	112.4	159	27	36
Calhoun	2,072	92.8	1,530	213	329	1,465	87.8	1,108	122	235	607	107.7	422	91	94
Chambers	557	86.3	418	50	89	281	79.1	209	27	45	276	95.1	209	23	44
Cherokee	293	65.9	233	12	48	275	67.0	221	9	45	18	53.4	12	3	3
Chilton	785	89.9	610	49	126	675	90.3	529	37	109	110	87.4	81	12	17
Choctaw	213	80.6	162	16	35	107	80.9	85	4	18	106	80.2	77	12	17
Clarke	418	80.1	317	34	67	182	71.3	142	10	30	236	88.6	175	24	37
Clay	202	79.9	164	3	35	168	84.0	139	0	29	34	64.5	25	3	6
Cleburne	240	85.3	195	5	40	227	86.0	185	4	38	13	74.7	10	1	2
Coffee	890	96.3	686	60	144	684	98.1	529	44	111	206	90.9	157	16	33
Colbert	854	81.5	648	70	136	654	78.7	506	43	105	200	92.4	142	27	31
Conecuh	187	76.0	145	12	30	79	65.8	64	2	13	108	85.6	81	10	17
Coosa	149	76.1	115	9	25	94	74.5	75	3	16	55	78.9	40	6	9
Covington	561	83.5	444	25	92	460	83.4	367	18	75	101	83.7	77	7	17
Crenshaw	227	84.1	168	23	36	158	83.4	125	8	25	69	85.8	43	15	11
Cullman	1,291	81.7	1,015	66	210	1,251	82.1	987	60	204	40	69.8	28	6	6
Dale	995	108.6	776	58	161	763	118.5	606	32	125	232	85.2	170	26	36
Dallas	1,003	117.6	741	104	158	204	104.6	159	12	33	799	121.4	582	92	125
DeKalb	1,289	97.3	1,029	49	211	1,224	97.0	979	44	201	65	102.4	50	5	10
Elmore	1,393	86.0	1,034	138	221	1,010	84.6	776	72	162	383	89.8	258	66	59
Escambia	691	104.1	566	11	114	440	108.4	362	5	73	251	97.2	204	6	41
Etowah	1,718	86.6	1,266	180	272	1,391	87.4	1,061	106	224	327	83.6	205	74	48
Fayette	243	73.9	191	12	40	201	72.7	160	8	33	42	80.6	31	4	7
Franklin	605	107.4	480	26	99	568	108.2	453	22	93	37	95.6	27	4	6
Geneva	425	89.7	335	21	69	381	94.2	302	17	62	44	63.3	33	4	7
Greene	191	108.8	119	44	28	28	92.1	19	5	4	163	112.3	100	39	24
Hale	302	85.6	216	39	47	103	79.9	79	7	17	199	88.8	137	32	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, 2008**

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	239	75.3	181	19	39	165	81.8	130	8	27	74	63.8	51	11	12
Houston	1,798	92.9	1,390	119	289	1,153	88.7	920	45	188	645	101.4	470	74	101
Jackson	808	79.6	625	53	130	752	81.3	588	42	122	56	62.4	37	11	8
Jefferson	14,079	106.3	9,538	2,393	2,148	6,525	98.4	4,835	656	1,034	7,554	114.3	4,703	1,737	1,114
Lamar	230	86.4	177	16	37	192	85.1	152	8	32	38	93.6	25	8	5
Lauderdale	1,356	76.1	1,024	115	217	1,143	74.8	883	76	184	213	83.9	141	39	33
Lawrence	556	81.3	424	42	90	475	91.2	369	29	77	81	49.7	55	13	13
Lee	2,143	63.4	1,495	318	330	1,385	55.4	1,007	161	217	758	86.2	488	157	113
Limestone	1,391	91.1	1,060	108	223	1,209	94.5	931	83	195	182	73.5	129	25	28
Lowndes	250	94.9	179	32	39	31	46.6	24	2	5	219	111.2	155	30	34
Macon	402	76.3	248	95	59	53	86.3	39	6	8	349	75.0	209	89	51
Madison	6,133	92.6	4,222	969	942	3,868	90.4	2,900	353	615	2,265	96.6	1,322	616	327
Marengo	391	94.7	294	35	62	172	101.7	137	7	28	219	89.8	157	28	34
Marion	422	79.5	328	26	68	407	80.8	322	19	66	15	54.7	6	7	2
Marshall	1,905	112.9	1,499	97	309	1,612	100.6	1,259	92	261	293	348.4	240	5	48
Mobile	8,132	97.7	6,203	626	1,303	4,249	88.1	3,364	193	692	3,883	111.0	2,839	433	611
Monroe	382	87.1	289	31	62	202	90.3	162	7	33	180	83.7	127	24	29
Montgomery	5,307	113.2	3,560	940	807	1,654	105.6	1,211	182	261	3,653	117.0	2,349	758	546
Morgan	2,109	95.4	1,620	150	339	1,769	96.7	1,373	110	286	340	89.5	247	40	53
Perry	209	93.5	157	18	34	32	52.0	25	1	6	177	109.3	132	17	28
Pickens	365	95.5	260	48	57	186	99.9	140	16	30	179	91.3	120	32	27
Pike	587	81.9	394	103	90	296	71.9	215	34	47	291	95.4	179	69	43
Randolph	329	75.6	253	24	52	235	73.6	186	11	38	94	81.1	67	13	14
Russell	1,172	115.8	840	149	183	756	147.2	581	54	121	416	83.4	259	95	62
St. Clair	1,487	90.9	1,141	108	238	1,350	92.5	1,054	78	218	137	77.0	87	30	20
Shelby	3,489	88.1	2,642	288	559	2,957	88.1	2,281	199	477	532	88.2	361	89	82
Sumter	266	90.6	175	50	41	53	77.9	33	12	8	213	94.4	142	38	33
Talladega	1,411	90.1	1,045	143	223	837	85.9	642	61	134	574	97.0	403	82	89
Tallapoosa	725	96.3	537	73	115	451	89.6	345	34	72	274	110.0	192	39	43
Tuscaloosa	3,911	92.9	2,594	726	591	2,205	83.7	1,558	305	342	1,706	108.4	1,036	421	249
Walker	1,152	87.8	860	108	184	1,040	86.8	787	87	166	112	97.8	73	21	18
Washington	241	72.5	183	19	39	160	78.1	120	14	26	81	63.4	63	5	13
Wilcox	213	80.4	161	17	35	26	49.1	20	1	5	187	88.2	141	16	30
Winston	347	77.0	283	7	57	340	77.0	278	6	56	7	76.1	5	1	1

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

**TABLE 26**  
**ESTIMATED PREGNANCY RATES<sup>1</sup> BY RACE AND AGE OF WOMAN**  
**ALABAMA, 1999-2008**

AGE GROUP	YEAR									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>ALL RACES</b>										
TOTAL	96.8	91.3	88.0	85.0	86.5	86.2	87.2	91.1	92.7	93.4
10-19	51.8	46.1	41.9	39.3	38.4	38.8	37.5	39.6	39.7	39.2
10-14	2.8	2.2	2.0	2.0	2.1	2.0	1.8	1.8	1.6	1.9
15-17	58.2	51.7	45.6	43.7	42.1	41.9	39.2	40.6	41.5	38.0
18-19	161.3	144.2	133.4	123.7	125.0	125.8	121.1	128.7	126.8	128.3
20-49	79.8	76.2	73.9	71.4	72.6	72.0	73.4	76.5	78.2	77.9
<b>WHITE</b>										
TOTAL	88.9	86.1	84.0	82.1	83.9	82.7	83.5	87.0	88.6	88.6
10-19	41.5	38.1	35.5	33.4	32.6	33.0	31.5	32.9	33.2	32.4
10-14	1.2	1.0	1.0	0.8	0.9	0.9	0.8	0.9	0.6	0.9
15-17	45.4	41.3	35.6	34.3	33.6	33.0	30.3	31.0	32.9	29.7
18-19	135.5	124.7	119.8	111.7	111.8	113.2	108.1	113.2	112.0	112.1
20-49	74.4	72.7	71.3	69.8	71.2	69.8	71.1	73.9	75.4	74.3
<b>BLACK AND OTHER</b>										
TOTAL	115.5	102.3	96.3	90.8	91.9	93.6	94.8	99.6	101.0	103.0
10-19	71.8	60.3	53.2	49.6	48.8	49.4	48.4	51.6	51.3	51.6
10-14	5.9	4.5	3.9	4.0	4.1	3.9	3.8	3.5	3.5	3.8
15-17	82.3	69.8	62.8	60.1	57.3	57.7	55.0	57.6	56.3	52.2
18-19	209.8	177.9	157.0	144.4	148.4	148.4	144.3	156.3	152.6	156.0
20-49	93.2	83.7	79.7	75.0	75.5	76.9	78.6	82.2	84.3	85.5

<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 WOMEN**  
**ALABAMA 2008**

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	
<b>ESTIMATED PREGNANCIES</b>	87,941	281	3,682	8,294	12,257	74,442	1242
WHITE	55,778	84	1,820	4,581	6,485	48,380	913
BLACK AND OTHER	32,163	197	1,862	3,713	5,772	26,062	329
<b>ESTIMATED PREGNANCY RATE</b>	93.4	1.9	38.0	128.3	39.2	77.9	--
WHITE	88.6	0.9	29.7	112.1	32.4	74.3	--
BLACK AND OTHER	103.0	3.8	52.2	156.0	51.6	85.5	--
<b>FEMALE POPULATION</b>	941,712	150,677	96,970	64,647	312,294	955,889	--
WHITE	629,460	98,230	61,275	40,850	200,355	651,053	--
BLACK AND OTHER	312,252	52,447	35,695	23,797	111,939	304,836	--
<b>LIVE BIRTHS</b>	64,345	159	2,518	5,890	8,567	54,740	1038
WHITE	42,897	53	1305	3,384	4,742	37,393	762
BLACK AND OTHER	21,448	106	1,213	2,506	3,825	17,347	276
<b>ABORTIONS</b>	9,737	87	593	1,107	1,787	7,948	2
WHITE	3,901	21	225	469	715	3,185	1
BLACK AND OTHER	5,836	66	368	638	1,072	4,763	1
<b>ESTIMATED TOTAL FETAL LOSSES</b>	13,859	35	571	1,297	1,903	11,754	202
WHITE	8,980	10	290	728	1,028	7,802	150
BLACK AND OTHER	4,879	25	281	569	875	3,952	52

**TABLE 28**  
**ESTIMATED TEENAGE PREGNANCIES, TEENAGE PREGNANCY RATES<sup>1</sup> AND ESTIMATED PREGNANCY**  
**OUTCOMES BY COUNTY OF RESIDENCE AND RACE OF WOMAN**  
**ALABAMA, 2008**

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>	12,257	39.2	8,567	1,787	1,903	6,485	32.4	4,742	715	1,028	5,772	51.6	3,825	1,072	875
Autauga	138	39.0	101	15	22	108	39.7	80	11	17	30	36.7	21	4	5
Baldwin	379	35.0	299	18	62	287	31.6	228	12	47	92	52.7	71	6	15
Barbour	75	41.7	53	11	11	26	34.7	18	4	4	49	46.8	35	7	7
Bibb	53	39.7	41	4	8	42	43.4	33	2	7	11	29.9	8	2	1
Blount	113	31.7	81	14	18	107	31.6	78	12	17	6	32.6	3	2	1
Bullock	62	95.7	43	10	9	11	106.8	8	2	1	51	93.6	35	8	8
Butler	68	52.1	47	9	12	23	37.4	16	3	4	45	65.1	31	6	8
Calhoun	332	45.2	227	53	52	215	40.8	150	31	34	117	56.3	77	22	18
Chambers	105	44.7	79	9	17	45	35.4	31	7	7	60	55.8	48	2	10
Cherokee	48	36.2	35	5	8	44	36.0	33	4	7	4	38.5	2	1	1
Chilton	131	49.8	97	14	20	104	46.9	80	8	16	27	64.9	17	6	4
Choctaw	40	45.1	26	8	6	12	29.3	9	1	2	28	58.7	17	7	4
Clarke	42	22.3	31	4	7	14	15.6	10	1	3	28	28.4	21	3	4
Clay	29	36.0	23	0	6	21	33.2	17	0	4	8	46.5	6	0	2
Cleburne	38	41.4	30	2	6	36	42.4	29	1	6	2	29.0	1	1	0
Coffee	110	36.4	80	12	18	66	30.2	47	8	11	44	52.6	33	4	7
Colbert	129	38.6	93	16	20	90	35.1	68	8	14	39	50.1	25	8	6
Conecuh	33	38.8	24	4	5	5	12.7	4	0	1	28	61.5	20	4	4
Coosa	28	43.6	21	2	5	16	41.3	13	0	3	12	47.1	8	2	2
Covington	98	44.2	72	10	16	80	44.5	61	6	13	18	42.8	11	4	3
Crenshaw	39	45.1	26	7	6	29	50.0	21	4	4	10	35.2	5	3	2
Cullman	208	41.6	164	10	34	206	43.0	162	10	34	2	10.1	2	0	0
Dale	113	34.3	85	10	18	74	32.7	56	6	12	39	37.7	29	4	6
Dallas	194	61.8	144	20	30	32	45.8	23	4	5	162	66.3	121	16	25
DeKalb	221	51.9	172	13	36	206	50.9	161	11	34	15	68.8	11	2	2
Elmore	190	38.0	131	30	29	123	33.8	92	12	19	67	49.4	39	18	10
Escambia	115	49.7	95	1	19	65	48.1	54	0	11	50	52.1	41	1	8
Etowah	283	43.4	202	36	45	225	45.5	168	20	37	58	36.8	34	16	8
Fayette	36	31.3	26	4	6	29	30.8	22	2	5	7	33.2	4	2	1
Franklin	99	52.2	78	5	16	92	52.7	73	4	15	7	46.4	5	1	1
Geneva	81	55.6	58	11	12	66	54.2	47	9	10	15	62.8	11	2	2
Greene	27	42.1	16	7	4	2	24.4	2	0	0	25	44.7	14	7	4
Hale	47	36.6	33	7	7	11	24.4	7	2	2	36	43.2	26	5	5

<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, 2008**

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>	12,257	39.2	8,567	1,787	1,903	6,485	32.4	4,742	715	1,028	5,772	51.6	3,825	1,072	875
Henry	36	35.6	25	5	6	18	29.4	13	2	3	18	45.0	12	3	3
Houston	248	39.1	188	21	39	123	29.8	99	4	20	125	56.5	89	17	19
Jackson	120	35.7	90	11	19	106	35.2	81	8	17	14	39.8	9	3	2
Jefferson	1,802	41.7	1,157	375	270	513	24.8	348	86	79	1,289	57.3	809	289	191
Lamar	33	37.4	22	6	5	24	33.0	16	4	4	9	58.4	6	2	1
Lauderdale	175	30.2	129	18	28	139	28.2	104	13	22	36	41.7	25	5	6
Lawrence	98	44.1	75	7	16	86	52.9	67	5	14	12	20.1	8	2	2
Lee	251	23.6	145	70	36	120	15.8	68	35	17	131	42.7	77	35	19
Limestone	167	34.2	122	18	27	141	34.7	104	14	23	26	31.8	18	4	4
Lowndes	43	46.1	32	5	6	2	8.8	2	0	0	41	58.0	30	5	6
Macon	84	41.6	52	19	13	6	34.1	5	0	1	78	42.3	47	19	12
Madison	722	32.5	451	164	107	377	26.8	251	69	57	345	42.4	200	95	50
Marengo	72	46.2	49	12	11	25	44.7	19	2	4	47	47.0	30	10	7
Marion	69	41.3	53	5	11	67	42.1	53	3	11	2	25.0	0	2	0
Marshall	305	56.4	234	23	48	263	51.6	200	21	42	42	138.2	34	2	6
Mobile	1,232	41.9	914	122	196	463	29.2	359	29	75	769	56.8	555	93	121
Monroe	65	37.9	47	7	11	24	27.8	18	2	4	41	48.0	29	5	7
Montgomery	809	49.3	532	154	123	128	23.3	87	21	20	681	62.3	445	133	103
Morgan	263	35.9	199	22	42	205	34.7	157	15	33	58	41.0	42	7	9
Perry	36	37.5	28	2	6	4	13.7	2	1	1	32	47.9	26	1	5
Pickens	35	26.1	24	6	5	12	19.2	9	1	2	23	32.2	15	5	3
Pike	92	40.4	59	19	14	32	25.0	22	5	5	60	60.3	37	14	9
Randolph	58	37.2	42	7	9	38	35.2	27	5	6	20	41.7	15	2	3
Russell	61	17.5	24	29	8	29	16.9	14	11	4	32	18.0	10	18	4
St. Clair	185	38.2	143	13	29	164	38.4	126	12	26	21	36.5	17	1	3
Shelby	230	18.4	145	50	35	185	17.6	119	38	28	45	22.7	26	12	7
Sumter	39	37.4	26	7	6	2	10.0	0	2	0	37	43.9	26	5	6
Talladega	237	44.9	173	27	37	128	40.4	100	8	20	109	51.7	73	19	17
Tallapoosa	120	46.9	84	17	19	64	39.0	45	9	10	56	61.0	39	8	9
Tuscaloosa	546	40.6	332	135	79	231	29.6	135	63	33	315	55.8	197	72	46
Walker	193	45.5	139	23	31	178	47.1	129	21	28	15	32.6	10	2	3
Washington	33	26.7	26	1	6	22	31.7	18	0	4	11	20.3	8	1	2
Wilcox	44	44.0	32	5	7	4	18.9	3	0	1	40	50.8	29	5	6
Winston	50	34.6	41	1	8	50	35.7	41	1	8	0	0.0	0	0	0

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



**TABLE 29**  
**FETAL DEATHS AND FETAL DEATH RATIOS <sup>1</sup> BY RACE OF MOTHER <sup>2</sup>**  
**ALABAMA AND UNITED STATES, 1945-2008**

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	— <sup>3</sup>	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

<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, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATIO	NUMBER	RATIO	NUMBER	RATIO
<b>TOTAL</b>	587	9.1	278	6.5	309	14.4
Autauga	8	10.4	7	12.0	1	5.5
Baldwin	18	7.9	12	6.2	6	17.7
Barbour	3	8.5	1	5.6	2	11.5
Bibb	1	3.7	0	0.0	1	17.5
Blount	6	8.6	5	7.4	1	43.5
Bullock	1	5.4	0	0.0	1	7.8
Butler	4	13.5	1	7.2	3	18.9
Calhoun	12	7.8	8	7.2	4	9.5
Chambers	7	16.7	3	14.4	4	19.1
Cherokee	0	0.0	0	0.0	0	0.0
Chilton	2	3.3	1	1.9	1	12.3
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	7	22.1	3	21.1	4	22.9
Clay	0	0.0	0	0.0	0	0.0
Cleburne	0	0.0	0	0.0	0	0.0
Coffee	7	10.2	3	5.7	4	25.5
Colbert	2	3.1	0	0.0	2	14.1
Conecuh	5	34.5	0	0.0	5	61.7
Coosa	0	0.0	0	0.0	0	0.0
Covington	4	9.0	3	8.2	1	13.0
Crenshaw	2	11.9	2	16.0	0	0.0
Cullman	9	8.9	9	9.1	0	0.0
Dale	10	12.9	7	11.6	3	17.6
Dallas	6	8.1	0	0.0	6	10.3
DeKalb	9	8.7	9	9.2	0	0.0
Elmore	7	6.8	4	5.2	3	11.6
Escambia	0	0.0	0	0.0	0	0.0
Etowah	13	10.3	8	7.5	5	24.4
Fayette	1	5.2	0	0.0	1	32.3
Franklin	3	6.3	3	6.6	0	0.0
Geneva	1	3.0	0	0.0	1	30.3
Greene	1	8.4	0	0.0	1	10.0
Hale	4	18.5	1	12.7	3	21.9
Henry	2	11.0	0	0.0	2	39.2
Houston	15	10.8	10	10.9	5	10.6
Jackson	3	4.8	2	3.4	1	27.0
Jefferson	95	10.0	37	7.7	58	12.3
Lamar	1	5.6	1	6.6	0	0.0
Lauderdale	9	8.8	5	5.7	4	28.4
Lawrence	3	7.1	1	2.7	2	36.4
Lee	9	6.0	3	3.0	6	12.3
Limestone	9	8.5	5	5.4	4	31.0
Lowndes	6	33.5	0	0.0	6	38.7
Macon	2	8.1	0	0.0	2	9.6
Madison	57	13.5	28	9.7	29	21.9
Marengo	0	0.0	0	0.0	0	0.0
Marion	2	6.1	2	6.2	0	0.0
Marshall	9	6.0	7	5.6	2	8.3
Mobile	44	7.1	19	5.6	25	8.8
Monroe	4	13.8	0	0.0	4	31.5
Montgomery	47	13.2	8	6.6	39	16.6
Morgan	14	8.6	11	8.0	3	12.1
Perry	2	12.7	0	0.0	2	15.2
Pickens	5	19.2	1	7.1	4	33.3
Pike	5	12.7	1	4.7	4	22.3
Randolph	4	15.8	3	16.1	1	14.9
Russell	1	1.2	0	0.0	1	3.9
St. Clair	15	13.1	12	11.4	3	34.5
Shelby	15	5.7	7	3.1	8	22.2
Sumter	1	5.7	0	0.0	1	7.0
Talladega	12	11.5	5	7.8	7	17.4
Tallapoosa	2	3.7	2	5.8	0	0.0
Tuscaloosa	24	9.3	8	5.1	16	15.4
Walker	6	7.0	6	7.6	0	0.0
Washington	2	10.9	1	8.3	1	15.9
Wilcox	6	37.3	0	0.0	6	42.6
Winston	3	10.6	3	10.8	0	0.0

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

**TABLE 31  
RESIDENT DEATHS AND DEATH RATES <sup>1</sup> BY RACE  
ALABAMA AND UNITED STATES, 1945-2008**

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 <sup>2</sup>	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

<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, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	47,601	10.2	36,290	11.0	11,311	8.4
Autauga	457	9.1	366	9.1	91	8.9
Baldwin	1,680	9.6	1,526	10.0	154	7.3
Barbour	236	8.1	134	8.9	102	7.2
Bibb	246	11.4	210	12.6	36	7.2
Blount	565	9.8	554	10.0	11	5.1
Bullock	110	10.2	33	10.5	77	10.1
Butler	277	13.8	159	13.9	118	13.6
Calhoun	1,316	11.6	1,092	12.4	224	8.9
Chambers	440	12.8	310	14.8	130	9.7
Cherokee	325	13.2	304	13.3	21	12.4
Chilton	446	10.5	402	10.8	44	8.3
Choctaw	159	11.3	97	12.4	62	9.9
Clarke	251	9.5	148	10.2	103	8.7
Clay	172	12.5	147	12.8	25	10.6
Cleburne	158	10.7	153	10.9	5	6.1
Coffee	485	10.2	401	10.8	84	8.0
Colbert	653	11.9	566	12.7	87	8.8
Conecuh	150	11.5	99	13.6	51	8.8
Coosa	125	11.6	86	11.8	39	11.1
Covington	497	13.5	428	13.6	69	12.6
Crenshaw	207	15.1	168	16.7	39	10.5
Cullman	965	11.9	956	12.2	9	3.3
Dale	449	9.3	373	10.3	76	6.3
Dallas	557	13.0	227	16.9	330	11.2
DeKalb	713	10.4	697	10.6	16	5.3
Elmore	641	8.2	550	9.3	91	4.8
Escambia	420	11.2	297	12.6	123	8.9
Etowah	1,390	13.5	1,217	14.1	173	10.1
Fayette	228	12.9	198	13.0	30	12.5
Franklin	406	13.2	391	13.5	15	7.8
Geneva	288	11.1	259	11.4	29	9.0
Greene	112	12.2	33	17.3	79	10.9
Hale	215	11.8	112	14.9	103	9.7
Henry	219	13.2	168	14.8	51	9.7
Houston	946	9.6	723	10.2	223	8.1
Jackson	652	12.3	621	12.7	31	7.2
Jefferson	7,128	10.8	4,437	12.0	2,691	9.3
Lamar	193	13.5	165	13.2	28	15.4
Lauderdale	992	11.1	898	11.4	94	9.0
Lawrence	365	10.7	331	12.3	34	4.7
Lee	842	6.3	605	6.2	237	6.8
Limestone	637	8.4	570	8.9	67	5.6
Lowndes	128	10.1	29	7.8	99	11.1
Macon	249	11.2	28	8.0	221	11.8
Madison	2,495	7.8	2,034	9.0	461	5.0
Marengo	250	11.9	119	11.8	131	11.9
Marion	435	14.8	426	15.3	9	5.5
Marshall	1,030	11.6	1,018	12.0	12	3.2
Mobile	4,053	10.0	2,669	10.6	1,384	8.9
Monroe	260	11.5	157	12.2	103	10.6
Montgomery	2,045	9.1	1,099	11.2	946	7.4
Morgan	1,187	10.2	1,093	11.0	94	5.6
Perry	134	12.6	48	14.5	86	11.7
Pickens	224	11.5	132	12.0	92	10.8
Pike	308	10.1	212	11.6	96	7.9
Randolph	294	13.0	246	14.2	48	9.1
Russell	596	11.8	375	13.3	221	9.9
St. Clair	764	9.6	715	10.1	49	5.6
Shelby	1,108	5.9	1,021	6.2	87	3.6
Sumter	152	11.5	46	12.9	106	10.9
Talladega	938	11.7	697	13.0	241	9.1
Tallapoosa	535	13.1	418	14.1	117	10.6
Tuscaloosa	1,555	8.7	1,145	9.5	410	6.9
Walker	911	13.2	859	13.6	52	9.3
Washington	165	9.6	119	10.6	46	7.7
Wilcox	141	11.0	43	12.3	98	10.5
Winston	331	13.8	331	14.1	0	0.0

<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, 2008**

COUNTY	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	47,601	10.2	23,620	10.5	23,981	10.0
Autauga	457	9.1	230	9.4	227	8.8
Baldwin	1,680	9.6	858	10.1	822	9.2
Barbour	236	8.1	115	7.4	121	8.7
Bibb	246	11.4	128	11.4	118	11.3
Blount	565	9.8	295	10.3	270	9.3
Bullock	110	10.2	60	10.1	50	10.3
Butler	277	13.8	131	13.8	146	13.7
Calhoun	1,316	11.6	616	11.3	700	11.9
Chambers	440	12.8	219	13.4	221	12.2
Cherokee	325	13.2	168	14.1	157	12.4
Chilton	446	10.5	217	10.4	229	10.6
Choctaw	159	11.3	77	11.6	82	11.0
Clarke	251	9.5	118	9.5	133	9.6
Clay	172	12.5	79	11.7	93	13.2
Cleburne	158	10.7	77	10.3	81	11.0
Coffee	485	10.2	227	9.7	258	10.5
Colbert	653	11.9	342	13.1	311	10.9
Conecuh	150	11.5	78	12.7	72	10.4
Coosa	125	11.6	63	11.7	62	11.4
Covington	497	13.5	236	13.4	261	13.6
Crenshaw	207	15.1	106	16.3	101	13.9
Cullman	965	11.9	508	12.6	457	11.1
Dale	449	9.3	225	9.5	224	9.1
Dallas	557	13.0	283	14.5	274	11.7
DeKalb	713	10.4	348	10.3	365	10.5
Elmore	641	8.2	323	8.2	318	8.2
Escambia	420	11.2	222	11.6	198	10.8
Etowah	1,390	13.5	665	13.4	725	13.5
Fayette	228	12.9	109	12.7	119	13.1
Franklin	406	13.2	186	12.1	220	14.2
Geneva	288	11.1	144	11.4	144	10.8
Greene	112	12.2	53	12.4	59	12.0
Hale	215	11.8	105	11.5	110	12.2
Henry	219	13.2	115	14.5	104	12.0
Houston	946	9.6	447	9.5	499	9.7
Jackson	652	12.3	321	12.4	331	12.2
Jefferson	7,128	10.8	3,419	10.9	3,709	10.7
Lamar	193	13.5	96	13.8	97	13.2
Lauderdale	992	11.1	480	11.3	512	11.0
Lawrence	365	10.7	194	11.6	171	9.8
Lee	842	6.3	406	6.2	436	6.5
Limestone	637	8.4	338	8.8	299	7.9
Lowndes	128	10.1	73	12.5	55	8.1
Macon	249	11.2	124	12.1	125	10.4
Madison	2,495	7.8	1,237	7.9	1,258	7.7
Marengo	250	11.9	131	13.2	119	10.7
Marion	435	14.8	219	15.0	216	14.6
Marshall	1,030	11.6	516	11.9	514	11.4
Mobile	4,053	10.0	2,049	10.5	2,004	9.5
Monroe	260	11.5	133	12.3	127	10.8
Montgomery	2,045	9.1	972	9.1	1,073	9.1
Morgan	1,187	10.2	587	10.3	600	10.2
Perry	134	12.6	67	13.8	67	11.6
Pickens	224	11.5	106	11.5	118	11.4
Pike	308	10.1	153	10.6	155	9.7
Randolph	294	13.0	143	13.1	151	12.9
Russell	596	11.8	308	12.9	288	10.8
St. Clair	764	9.6	387	9.7	377	9.5
Shelby	1,108	5.9	549	5.9	559	5.9
Sumter	152	11.5	72	12.0	80	11.0
Talladega	938	11.7	469	11.9	469	11.5
Tallapoosa	535	13.1	276	14.1	259	12.2
Tuscaloosa	1,555	8.7	813	9.4	742	8.0
Walker	911	13.2	474	14.3	437	12.2
Washington	165	9.6	89	10.6	76	8.6
Wilcox	141	11.0	79	13.5	62	8.9
Winston	331	13.8	167	14.2	164	13.4

<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, 2008**

MONTH	TOTAL		WHITE		BLACK AND OTHER	
	DEATH	RATE	DEATH	RATE	DEATH	RATE
<b>TOTAL</b>	47,601	10.2	36,290	11.0	11,311	8.4
JANUARY	4,328	11.0	3,313	11.8	1,015	8.9
FEBRUARY	4,395	11.9	3,363	12.8	1,032	9.6
MARCH	4,366	11.1	3,333	11.9	1,033	9.0
APRIL	3,935	10.3	2,992	11.0	943	8.5
MAY	3,907	9.9	2,961	10.6	946	8.3
JUNE	3,674	9.6	2,818	10.4	856	7.7
JULY	3,661	9.3	2,786	9.9	875	7.6
AUGUST	3,763	9.5	2,847	10.2	916	8.0
SEPTEMBER	3,720	9.7	2,822	10.4	898	8.1
OCTOBER	3,772	9.6	2,877	10.3	895	7.8
NOVEMBER	3,911	10.2	2,982	11.0	929	8.4
DECEMBER	4,169	10.6	3,196	11.4	973	8.5

<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 SEX AND SELECTED CAUSE<sup>2</sup>  
ALABAMA, 2008

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER				
	TOTAL	RATE		MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
	47,601	10.2	17,887	11.0	18,403	10.9	5,733	9.1	5,578	7.8	
ALL CAUSES	47,601	10.2	17,887	11.0	18,403	10.9	5,733	9.1	5,578	7.8	
Salmonella infections	1	0.0	0	0.0	1	0.1	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	78	1.7	23	1.4	41	2.4	4	0.6	10	1.4	
Tuberculosis	6	0.1	3	0.2	1	0.1	1	0.2	1	0.1	
Respiratory tuberculosis	5	0.1	2	0.1	1	0.1	1	0.2	1	0.1	
Other tuberculosis	1	0.0	1	0.1	0	0.0	0	0.0	0	0.0	
Whooping cough	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Scarlet fever and erysipelas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Meningococcal infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Sepsicemia	898	19.3	259	15.9	361	21.4	125	19.8	153	21.3	
Syphilis	3	0.1	1	0.1	1	0.1	0	0.0	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	108	2.3	48	3.0	35	2.1	19	3.0	6	0.8	
Human immunodeficiency virus	180	3.9	32	2.0	14	0.8	92	14.6	42	5.8	
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	103	2.2	35	2.2	40	2.4	17	2.7	11	1.5	
Malignant neoplasms	10,152	217.8	4,290	263.8	3,501	207.8	1,265	200.3	1,096	152.4	
Lip, oral cavity and pharynx	147	3.2	81	5.0	34	2.0	21	3.3	11	1.5	
Esophagus	206	4.4	133	8.2	23	1.4	40	6.3	10	1.4	
Stomach	198	4.2	60	3.7	52	3.1	51	8.1	35	4.9	
Colon, rectum and anus	981	21.0	361	22.2	336	19.9	139	22.0	145	20.2	
Liver and intrahepatic bile ducts	311	6.7	153	9.4	70	4.2	66	10.4	22	3.1	
Pancreas	592	12.7	225	13.8	210	12.5	67	10.6	90	12.5	
Larynx	77	1.7	43	2.6	10	0.6	20	3.2	4	0.6	
Trachea, bronchus and lung	3,078	66.0	1,583	97.3	963	57.2	347	54.9	185	25.7	
Skin	137	2.9	92	5.7	42	2.5	2	0.3	1	0.1	
Breast	691	14.8	5	0.3	483	28.7	2	0.3	201	28.0	
Cervix uteri	84	1.8	0	0.0	55	3.3	0	0.0	29	4.0	
Corpus uteri and uterus, part unspecified	113	2.4	0	0.0	69	4.1	0	0.0	44	6.1	
Ovary	280	6.0	0	0.0	216	12.8	0	0.0	64	8.9	
Prostate	520	11.2	331	20.4	0	0.0	189	29.9	0	0.0	
Kidney and renal pelvis	205	4.4	88	5.4	70	4.2	28	4.4	19	2.6	
Bladder	185	4.0	106	6.5	51	3.0	14	2.2	14	1.9	
Meninges, brain and other parts of central nervous system	251	5.4	122	7.5	100	5.9	16	2.5	13	1.8	
Lymphoid, hematopoietic and related tissue	930	19.9	419	25.8	334	19.8	106	16.8	71	9.9	
Hodgkin's disease	20	0.4	5	0.3	10	0.6	4	0.6	1	0.1	
Non-Hodgkin's lymphoma	325	7.0	143	8.8	136	8.1	22	3.5	24	3.3	
Leukemia	385	8.3	187	11.5	137	8.1	41	6.5	20	2.8	
Multiple myeloma and immunoproliferative neoplasms	200	4.3	84	5.2	51	3.0	39	6.2	26	3.6	
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	1,166	25.0	488	30.0	383	22.7	157	24.9	138	19.2	
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	267	5.7	125	7.7	93	5.5	19	3.0	30	4.2	
Anemias	123	2.6	32	2.0	42	2.5	20	3.2	29	4.0	
Diabetes mellitus	1,380	29.6	422	25.9	419	24.9	227	35.9	312	43.4	
Nutritional deficiencies	80	1.7	25	1.5	34	2.0	8	1.3	13	1.8	

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

<sup>2</sup> See Appendix C.

TABLE 35  
RESIDENT DEATHS AND DEATH RATES<sup>1</sup>  
BY SEX AND SELECTED CAUSE<sup>2</sup>  
ALABAMA, 2008

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER				
	TOTAL	RATE		MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	47,601	10.2	17,887	11.0	18,403	10.9	5,733	9.1	5,578	7.8	7.8
Malnutrition	78	1.7	25	1.5	33	2.0	8	1.3	12	1.7	1.7
Other nutritional deficiencies	2	0.0	0	0.0	1	0.1	0	0.0	1	0.1	0.1
Meningitis	12	0.3	4	0.2	4	0.2	2	0.3	2	0.3	0.3
Parkinson's disease	348	7.5	177	10.9	136	8.1	20	3.2	15	2.1	2.1
Alzheimer's disease	1,516	32.5	360	22.1	926	55.0	71	11.2	159	22.1	22.1
Major cardiovascular diseases	15,880	340.6	5,733	352.5	6,340	376.3	1,815	287.4	1,992	277.0	277.0
Diseases of the heart	12,091	259.4	4,658	286.4	4,725	280.5	1,318	208.7	1,390	193.3	193.3
Acute rheumatic fever and chronic rheumatic heart diseases	39	0.8	11	0.7	20	1.2	2	0.3	6	0.8	0.8
Hypertensive heart disease	389	8.3	112	6.9	145	8.6	60	9.5	72	10.0	10.0
Hypertensive heart and renal disease	36	0.8	9	0.6	12	0.7	3	0.5	12	1.7	1.7
Ischemic heart diseases	5,617	120.5	2,491	153.2	2,026	120.3	559	88.5	541	75.2	75.2
Acute myocardial infarction	2,620	56.2	1,178	72.4	905	53.7	269	42.6	268	37.3	37.3
Other acute ischemic heart diseases	25	0.5	9	0.6	9	0.5	3	0.5	4	0.6	0.6
Other forms of chronic ischemic heart disease	2,972	63.8	1,304	80.2	1,112	66.0	287	45.4	269	37.4	37.4
Atherosclerotic cardiovascular disease, so described	575	12.3	206	12.7	230	13.7	77	12.2	62	8.6	8.6
All other forms of chronic ischemic heart disease	2,397	51.4	1,098	67.5	882	52.4	210	33.2	207	28.8	28.8
Other heart diseases	6,010	128.9	2,035	125.1	2,522	149.7	694	109.9	759	105.6	105.6
Acute and subacute endocarditis	25	0.5	10	0.6	5	0.3	6	0.9	4	0.6	0.6
Diseases of pericardium and acute myocarditis	12	0.3	2	0.1	4	0.2	4	0.6	2	0.3	0.3
Heart failure	1,870	40.1	600	36.9	910	54.0	151	23.9	209	29.1	29.1
All other forms of heart disease	4,103	88.0	1,423	87.5	1,603	95.1	533	84.4	544	75.7	75.7
<b>Essential (primary) hypertension and hypertensive renal disease</b>	511	11.0	111	6.8	164	9.7	119	18.8	117	16.3	16.3
Cerebrovascular diseases	2,814	60.4	770	47.3	1,282	76.1	335	53.0	427	59.4	59.4
Atherosclerosis	147	3.2	54	3.3	63	3.7	10	1.6	20	2.8	2.8
Other diseases of circulatory system	317	6.8	140	8.6	106	6.3	33	5.2	38	5.3	5.3
Aortic aneurysm and dissection	163	3.5	84	5.2	49	2.9	15	2.4	15	2.1	2.1
Other diseases of arteries, arterioles and capillaries	154	3.3	56	3.4	57	3.4	18	2.8	23	3.2	3.2
Other disorders of circulatory system	84	1.8	28	1.7	28	1.7	14	2.2	14	1.9	1.9
Influenza and pneumonia	921	19.8	299	18.4	439	26.1	87	13.8	96	13.4	13.4
Influenza	27	0.6	13	0.8	10	0.6	3	0.5	1	0.1	0.1
Pneumonia	894	19.2	286	17.6	429	25.5	84	13.3	95	13.2	13.2
Other acute lower respiratory infections	6	0.1	0	0.0	2	0.1	3	0.5	1	0.1	0.1
Acute bronchitis and bronchiolitis	5	0.1	0	0.0	2	0.1	2	0.3	1	0.1	0.1
Unspecified acute lower respiratory infection	1	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0.0
Chronic lower respiratory diseases	2,723	58.4	1,230	75.6	1,192	70.8	169	26.8	132	18.4	18.4
Bronchitis, chronic and unspecified	9	0.2	0	0.0	6	0.4	1	0.2	2	0.3	0.3
Emphysema	175	3.8	96	5.9	64	3.8	7	1.1	8	1.1	1.1
Asthma	66	1.4	7	0.4	28	1.7	8	1.3	23	3.2	3.2
Other chronic lower respiratory diseases	2,473	53.0	1,127	69.3	1,094	64.9	153	24.2	99	13.8	13.8
Pneumoconiosis and chemical effects	11	0.2	9	0.6	1	0.1	1	0.2	0	0.0	0.0
Pneumonitis due to solids and liquids	258	5.5	93	5.7	125	7.4	21	3.3	19	2.6	2.6
Other diseases of the respiratory system	686	14.7	263	16.2	294	17.5	65	10.3	64	8.9	8.9
Peptic ulcer	63	1.4	22	1.4	27	1.6	9	1.4	5	0.7	0.7
Diseases of the appendix	3	0.1	0	0.0	1	0.1	1	0.2	1	0.1	0.1
Hernia	25	0.5	6	0.4	11	0.7	3	0.5	5	0.7	0.7
Chronic liver disease and cirrhosis	488	10.5	256	15.7	128	7.6	80	12.7	24	3.3	3.3
Alcoholic liver disease	139	3.0	72	4.4	33	2.0	29	4.6	5	0.7	0.7
Other chronic liver disease and cirrhosis	349	7.5	184	11.3	95	5.6	51	8.1	19	2.6	2.6

<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 SEX AND SELECTED CAUSE<sup>2</sup>  
ALABAMA, 2008

CAUSE OF DEATH ALL CAUSES	TOTAL			WHITE			BLACK & OTHER				
	TOTAL	RATE		MALE	RATE	FEMALE	RATE	MALE	RATE	FEMALE	RATE
ALL CAUSES	47,601	10.2	17,887	11.0	18,403	10.9	5,733	9.1	5,578	7.8	
Cholelithiasis and other gallbladder disorders	64	1.4	20	1.2	32	1.9	7	1.1	5	0.7	
Nephritis, nephrotic syndrome and nephrosis	1,107	23.7	333	20.5	376	22.3	178	28.2	220	30.6	
Acute and rapidly progressive nephritic and nephrotic syndrome	5	0.1	1	0.1	3	0.2	1	0.2	0	0.0	
Chronic glomerulonephritis nephritis and nephrosis not specified as acute and renal sclerosis	78	1.7	26	1.6	25	1.5	11	1.7	16	2.2	
Renal failure	1,023	21.9	306	18.8	347	20.6	166	26.3	204	28.4	
Other disorders of kidney	1	0.0	0	0.0	1	0.1	0	0.0	0	0.0	
Infections of kidney	13	0.3	1	0.1	9	0.5	2	0.3	1	0.1	
Hyperplasia of prostate	5	0.1	4	0.2	0	0.0	1	0.2	0	0.0	
Inflammatory diseases of female pelvic organs	2	0.0	0	0.0	0	0.0	0	0.0	2	0.3	
Pregnancy, childbirth and the puerperium	6	0.1	0	0.0	2	0.1	0	0.0	4	0.6	
Pregnancy with abortive outcome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Other complications of pregnancy, childbirth and the puerperium	6	0.1	0	0.0	2	0.1	0	0.0	4	0.6	
Certain conditions originating in the perinatal period	313	6.7	78	4.8	64	3.8	94	14.9	77	10.7	
Congenital malformations, deformations and chromosomal abnormalities	173	3.7	76	4.7	51	3.0	23	3.6	23	3.2	
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,324	28.4	396	24.3	574	34.1	172	27.2	182	25.3	
All other diseases (Residual)	4,492	96.4	1,341	82.4	2,090	124.1	435	68.9	626	87.1	
Accidents	2,497	53.6	1,254	77.1	750	44.5	350	55.4	143	19.9	
Transport accidents	1,117	24.0	577	35.5	268	15.9	211	33.4	61	8.5	
Motor vehicle accidents	1,079	23.1	561	34.5	260	15.4	199	31.5	59	8.2	
Other land transport	15	0.3	3	0.2	3	0.2	8	1.3	1	0.1	
Water, air, space and other and unspecified transport accidents and their sequelae	23	0.5	13	0.8	5	0.3	4	0.6	1	0.1	
Nontransport accidents	1,380	29.6	677	41.6	482	28.6	139	22.0	82	11.4	
Falls	207	4.4	112	6.9	73	4.3	14	2.2	8	1.1	
Accidental discharge of firearms	31	0.7	19	1.2	2	0.1	10	1.6	0	0.0	
Accidental drowning and submersion	77	1.7	47	2.9	9	0.5	16	2.5	5	0.7	
Accidental exposure to smoke, fire and flames	88	1.9	39	2.4	22	1.3	16	2.5	11	1.5	
Accidental poisoning and exposure to noxious substances	530	11.4	267	16.4	211	12.5	29	4.6	23	3.2	
Other and unspecified nontransport accidents and their sequelae	447	9.6	193	11.9	165	9.8	54	8.5	35	4.9	
Intentional self-harm (suicide)	603	12.9	422	25.9	111	6.6	60	9.5	10	1.4	
Suicide by discharge of firearms	425	9.1	312	19.2	63	3.7	47	7.4	3	0.4	
Suicide by other and unspecified means and their sequelae	178	3.8	110	6.8	48	2.8	13	2.1	7	1.0	
Assault (homicide)	450	9.7	117	7.2	47	2.8	239	37.8	47	6.5	
Homicide by discharge of firearms	343	7.4	76	4.7	29	1.7	205	32.5	33	4.6	
Homicide by other and unspecified means and their sequelae	107	2.3	41	2.5	18	1.1	34	5.4	14	1.9	
Legal intervention	1	0.0	0	0.0	0	0.0	1	0.2	0	0.0	
Events of undetermined intent	114	2.4	55	3.4	46	2.7	11	1.7	2	0.3	
Discharge of firearms, undetermined intent	14	0.3	4	0.2	7	0.4	3	0.5	0	0.0	
Other and unspecified events of undetermined intent and their sequelae	100	2.1	51	3.1	39	2.3	8	1.3	2	0.3	
Operations of war and their sequelae	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Complications of medical and surgical care	34	0.7	15	0.9	14	0.8	2	0.3	3	0.4	

<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, 2008**

CAUSE OF DEATH		NUMBER	CRUDE RATE	CAUSE OF DEATH		NUMBER	CRUDE RATE
<b>RANK</b>	<b>TOTAL ALL RACE AND SEX</b>	47,601	10.2	<b>RANK</b>	<b>WHITE FEMALE – (CONT.)</b>		
1	Diseases of the Heart	12,091	259.4	9	Nephritis, Nephrotic Syn. & Nephrosis	376	22.3
2	Malignant Neoplasms	10,152	217.8	10	Septicemia	361	21.4
3	Cerebrovascular Diseases	2,814	60.4	11	Essential (Primary) Hypertension	164	9.7
4	Chronic Lower Respiratory Disease	2,723	58.4	12	Parkinson's Disease	136	8.1
5	Accidents	2,497	53.6	13	Chronic Liver Disease and Cirrhosis	128	7.6
6	Alzheimer's Disease	1,516	32.5	14	Pneumonitis Due to Solids and Liquids	125	7.4
7	Diabetes Mellitus	1,380	29.6	15	Suicide	111	6.6
8	Nephritis, Nephrotic Syn. & Nephrosis	1,107	23.7		All Other Causes	3,768	—
9	Influenza and Pneumonia	921	19.8	<b>RANK</b>	<b>TOTAL BLACK AND OTHER</b>	11,311	8.4
10	Septicemia	898	19.3	1	Diseases of the Heart	2,708	200.5
11	Suicide	603	12.9	2	Malignant Neoplasms	2,361	174.8
12	Essential (Primary) Hypertension	511	11.0	3	Cerebrovascular Diseases	762	56.4
13	Chronic Liver Disease and Cirrhosis	488	10.5	4	Diabetes Mellitus	539	39.9
14	Homicide	450	9.7	5	Accidents	493	36.5
15	Parkinson's Disease	348	7.5	6	Nephritis, Nephrotic Syn. & Nephrosis	398	29.5
	All Other Causes	9,102	—	7	Chronic Lower Respiratory Disease	301	22.3
<b>RANK</b>	<b>TOTAL WHITE</b>	36,290	11.0	8	Homicide	286	21.2
1	Diseases of the Heart	9,383	283.4	9	Septicemia	278	20.6
2	Malignant Neoplasms	7,791	235.3	10	Essential (Primary) Hypertension	236	17.5
3	Chronic Lower Respiratory Disease	2,422	73.1	11	Alzheimer's Disease	230	17.0
4	Cerebrovascular Diseases	2,052	62.0	12	Influenza and Pneumonia	183	13.5
5	Accidents	2,004	60.5	13	Certain Cond. Orig. in the Peri. Period	171	12.7
6	Alzheimer's Disease	1,286	38.8	14	HIV	134	9.9
7	Diabetes Mellitus	841	25.4	15	Chronic Liver Disease and Cirrhosis	104	7.7
8	Influenza and Pneumonia	738	22.3		All Other Causes	2,127	—
9	Nephritis, Nephrotic Syn. & Nephrosis	709	21.4	<b>RANK</b>	<b>TOTAL BLACK AND OTHER MALE</b>	5,733	9.1
10	Septicemia	620	18.7	1	Diseases of the Heart	1,318	208.7
11	Suicide	533	16.1	2	Malignant Neoplasms	1,265	200.3
12	Chronic Liver Disease and Cirrhosis	384	11.6	3	Accidents	350	55.4
13	Parkinson's Disease	313	9.5	4	Cerebrovascular Diseases	335	53.0
14	Essential (Primary) Hypertension	275	8.3	5	Homicide	239	37.8
15	Benign Neoplasms	218	6.6	6	Diabetes Mellitus	227	35.9
15	Pneumonitis Due to Solids and Liquids	218	6.6	7	Nephritis, Nephrotic Syn. & Nephrosis	178	28.2
	All Other Causes	6,503	—	8	Chronic Lower Respiratory Disease	169	26.8
<b>RANK</b>	<b>TOTAL WHITE MALE</b>	17,887	11.0	9	Septicemia	125	19.8
1	Diseases of the Heart	4,658	286.4	10	Essential (Primary) Hypertension	119	18.8
2	Malignant Neoplasms	4,290	263.8	11	Certain Cond. Orig. in the Peri. Period	94	14.9
3	Accidents	1,254	77.1	12	HIV	92	14.6
4	Chronic Lower Respiratory Disease	1,230	75.6	13	Influenza and Pneumonia	87	13.8
5	Cerebrovascular Diseases	770	47.3	14	Chronic Liver Disease and Cirrhosis	80	12.7
6	Diabetes Mellitus	422	25.9	15	Alzheimer's Disease	71	11.2
6	Suicide	422	25.9		All Other Causes	984	—
8	Alzheimer's Disease	360	22.1	<b>RANK</b>	<b>TOTAL BLACK AND OTHER FEMALE</b>	5,578	7.8
9	Nephritis, Nephrotic Syn. & Nephrosis	333	20.5	1	Diseases of the Heart	1,390	193.3
10	Influenza and Pneumonia	299	18.4	2	Malignant Neoplasms	1,096	152.4
11	Septicemia	259	15.9	3	Cerebrovascular Diseases	427	59.4
12	Chronic Liver Disease and Cirrhosis	256	15.7	4	Diabetes Mellitus	312	43.4
13	Parkinson's Disease	177	10.9	5	Nephritis, Nephrotic Syn. & Nephrosis	220	30.6
14	Benign Neoplasms	125	7.7	6	Alzheimer's Disease	159	22.1
15	Homicide	117	7.2	7	Septicemia	153	21.3
	All Other Causes	2,915	—	8	Accidents	143	19.9
<b>RANK</b>	<b>TOTAL WHITE FEMALE</b>	18,403	10.9	9	Chronic Lower Respiratory Disease	132	18.4
1	Diseases of the Heart	4,725	280.5	10	Essential (Primary) Hypertension	117	16.3
2	Malignant Neoplasms	3,501	207.8	11	Influenza and Pneumonia	96	13.4
3	Cerebrovascular Diseases	1,282	76.1	12	Certain Cond. Orig. in the Peri. Period	77	10.7
4	Chronic Lower Respiratory Disease	1,192	70.8	13	Homicide	47	6.5
5	Alzheimer's Disease	926	55.0	14	HIV	42	5.8
6	Accidents	750	44.5	15	Benign Neoplasms	30	4.2
7	Influenza and Pneumonia	439	26.1		All Other Causes	1,137	—
8	Diabetes Mellitus	419	24.9				

<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, 2008**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>UNDER 1 YEAR</b>	612	9.9	324	7.9	288	13.5
Congenital Malformations, Deformations, and Abnormalities	107	172.3	81	198.5	26	122.1
Disorders Related to Short Gestation and Low Birth Weight	104	167.5	45	110.3	59	277.0
SIDS	59	95.0	35	85.8	24	112.7
Newborn Affected by Maternal Factors and Complications of Pregnancy and Delivery	36	58.0	17	41.7	19	89.2
Newborn Affected by Complications of Placenta, Cord and Membranes	20	32.2	8	19.6	12	56.3
Respiratory Distress of Newborn	19	30.6	11	27.0	8	37.6
Bacterial Sepsis of Newborn	19	30.6	11	27.0	8	37.6
<b>1-4 YEARS</b>	91	0.4	59	0.4	32	0.4
Accidents	32	12.9	23	14.1	9	10.6
Congenital Malformations, Deformations, and Abnormalities	10	4.0	5	3.1	5	5.9
Homicide	6	2.4	1	0.6	5	5.9
Influenza and Pneumonia	5	2.0	3	1.8	2	2.3
Certain Conditions Originating in the Perinatal Period	5	2.0	3	1.8	2	2.3
<b>5-14 YEARS</b>	123	0.2	75	0.2	48	0.2
Accidents	49	8.0	33	8.1	16	7.7
Malignant Neoplasm	21	3.4	15	3.7	6	2.9
Homicide	10	1.6	2	0.5	8	3.8
Diseases of the Heart	8	1.3	6	1.5	2	1.0
Cerebrovascular Diseases	2	0.3	0	0.0	2	1.0
Congenital Malformations, Deformations, and Abnormalities	2	0.3	1	0.2	1	0.5
Diabetes Mellitus	2	0.3	0	0.0	2	1.0
<b>15-19 YEARS</b>	260	0.8	167	0.8	93	0.8
Accidents	140	42.7	109	51.9	31	26.2
Homicide	39	11.9	9	4.3	30	25.3
Suicide	23	7.0	14	6.7	9	7.6
Malignant Neoplasm	13	4.0	6	2.9	7	5.9
Diseases of the Heart	7	2.1	3	1.4	4	3.4
Congenital Malformations, Deformations, and Abnormalities	3	0.9	2	1.0	1	0.8
<b>20-24 YEARS</b>	441	1.4	291	1.4	150	1.3
Accidents	198	62.2	151	73.0	47	42.1
Homicide	77	24.2	24	11.6	53	47.4
Suicide	56	17.6	41	19.8	15	13.4
Diseases of the Heart	13	4.1	10	4.8	3	2.7
Malignant Neoplasm	13	4.1	11	5.3	2	1.8
Diabetes Mellitus	6	1.9	2	1.0	4	3.6
<b>25-34 YEARS</b>	978	1.6	612	1.5	366	1.9
Accidents	386	63.4	300	72.3	86	44.5
Homicide	119	19.6	31	7.5	88	45.5
Suicide	104	17.1	85	20.5	19	9.8
Diseases of the Heart	91	15.0	42	10.1	49	25.3
Malignant Neoplasm	57	9.4	38	9.2	19	9.8
HIV	25	4.1	8	1.9	17	8.8
Septicemia	17	2.8	11	2.7	6	3.1

<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, 2008**

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>35-44 YEARS</b>	1,673	2.7	1,093	2.4	580	3.3
Accidents	327	52.5	265	59.0	62	35.6
Diseases of the Heart	311	49.9	198	44.1	113	64.9
Malignant Neoplasm	226	36.3	159	35.4	67	38.5
Suicide	107	17.2	96	21.4	11	6.3
Homicide	81	13.0	33	7.3	48	27.6
Cerebrovascular Diseases	62	9.9	25	5.6	37	21.3
HIV	52	8.3	13	2.9	39	22.4
<b>45-54 YEARS</b>	4,143	6.1	2,771	5.7	1,372	7.4
Malignant Neoplasm	1,016	150.7	703	143.8	313	168.8
Diseases of the Heart	984	146.0	654	133.8	330	178.0
Accidents	440	65.3	343	70.2	97	52.3
Cerebrovascular Diseases	167	24.8	77	15.8	90	48.5
Chronic Liver Disease and Cirrhosis	136	20.2	98	20.1	38	20.5
Diabetes Mellitus	134	19.9	84	17.2	50	27.0
Suicide	134	19.9	126	25.8	8	4.3
<b>55-64 YEARS</b>	6,489	12.0	4,556	11.0	1,933	15.2
Malignant Neoplasm	2,099	387.4	1,525	367.9	574	450.9
Diseases of the Heart	1,544	285.0	1,056	254.8	488	383.3
Chronic Lower Respiratory Diseases	348	64.2	302	72.9	46	36.1
Cerebrovascular Diseases	290	53.5	167	40.3	123	96.6
Accidents	286	52.8	218	52.6	68	53.4
Diabetes Mellitus	272	50.2	159	38.4	113	88.8
Chronic Liver Disease and Cirrhosis	165	30.5	131	31.6	34	26.7
<b>65-74 YEARS</b>	8,575	24.9	6,642	24.0	1,933	28.5
Malignant Neoplasm	2,669	773.9	2,130	768.9	539	794.3
Diseases of the Heart	2,027	587.7	1,553	560.6	474	698.5
Chronic Lower Respiratory Diseases	754	218.6	690	249.1	64	94.3
Cerebrovascular Diseases	444	128.7	322	116.2	122	179.8
Diabetes Mellitus	310	89.9	181	65.3	129	190.1
Nephritis, Nephrotic Syn. & Nephrosis	202	58.6	116	41.9	86	126.7
Septicemia	187	54.2	121	43.7	66	97.3
<b>75-84 YEARS</b>	12,281	58.0	9,965	58.1	2,316	57.7
Diseases of the Heart	3,295	1556.4	2,679	1561.7	616	1533.5
Malignant Neoplasm	2,709	1279.6	2,180	1270.8	529	1316.9
Chronic Lower Respiratory Diseases	932	440.2	844	492.0	88	219.1
Cerebrovascular Diseases	861	406.7	673	392.3	188	468.0
Alzheimer's Disease	539	254.6	460	268.2	79	196.7
Nephritis, Nephrotic Syn. & Nephrosis	351	165.8	248	144.6	103	256.4
Diabetes Mellitus	349	164.8	224	130.6	125	311.2
<b>85+ YEARS</b>	11,935	140.3	9,735	144.1	2,200	125.5
Diseases of the Heart	3,797	4462.9	3,175	4699.8	622	3549.6
Malignant Neoplasm	1,326	1558.6	1,021	1511.3	305	1740.6
Cerebrovascular Diseases	973	1143.6	781	1156.1	192	1095.7
Alzheimer's Disease	869	1021.4	732	1083.5	137	781.8
Chronic Lower Respiratory Diseases	550	646.5	484	716.4	66	376.6
Influenza and Pneumonia	367	431.4	308	455.9	59	336.7
Nephritis, Nephrotic Syn. & Nephrosis	312	366.7	234	346.4	78	445.1

<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, 2008**

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>	47,601	612	91	123	701	978	1,673	4,143	6,489	8,575	12,281	11,935
Diseases of the Heart	12,091	12	2	8	20	91	311	984	1,544	2,027	3,295	3,797
Malignant Neoplasms	10,152	0	3	21	26	57	226	1,016	2,099	2,669	2,709	1,326
Cerebrovascular Diseases	2,814	1	0	2	4	10	62	167	290	444	861	973
Chronic Lower Respiratory Diseases	2,723	2	2	1	1	5	19	109	348	754	932	550
Accidents	2,497	18	32	49	338	386	327	440	286	168	224	229
Alzheimer's Disease	1,516	0	0	0	0	0	0	0	16	92	539	869
Diabetes Mellitus	1,380	0	0	2	7	11	47	134	272	310	349	248
Nephritis, Neph. Syndrome & Nephrosis	1,107	5	0	0	3	7	27	62	138	202	351	312
Influenza & Pneumonia	921	2	5	0	2	5	10	53	74	134	269	367
Septicemia	898	10	3	0	6	17	42	61	136	187	245	191
Suicide	603	0	0	0	79	104	107	134	90	49	30	10
Chronic Liver Disease and Cirrhosis	488	0	0	0	1	2	27	136	165	93	53	11
Homicide	450	6	6	10	116	119	81	58	31	17	5	1
Essential Hypertension (Primary)	511	0	0	0	1	4	20	48	73	93	119	153
Parkinson's Disease	348	0	0	0	0	0	0	1	4	67	145	131
Certain Conditions Orig. in Perinatal Period	313	308	5	0	0	0	0	0	0	0	0	0
Pneumonitis Due to Solids and Liquids	258	0	1	0	0	1	8	9	16	39	79	105
In Situ, Benign, or Uncertain Neoplasms	267	3	0	1	1	3	8	14	38	62	76	61
Aortic Aneurysm and Dissection	163	0	0	0	3	2	3	13	19	40	51	32
Atherosclerosis	147	0	0	0	0	1	1	6	13	20	41	65
Congenital Anomalies	173	107	10	2	6	6	3	10	13	7	4	5
Human Immunodeficiency Virus Infection	180	0	0	0	3	25	52	65	28	6	0	1
All Other Causes	7,601	138	22	27	84	122	292	623	796	1,095	1,904	2,498

**TABLE 39**  
**HEART DISEASE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2008**

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	204.1 <sup>2</sup>	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

<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, 2008**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE	RATE	MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	12,091	259.4	286.4	4,658	286.4	4,725	280.5	1,318	208.7	1,390	193.3				
UNDER 1	12	19.3	14.3	3	14.3	2	10.1	2	18.6	5	47.5				
1-4	2	0.8	0.0	0	0.0	2	2.5	0	0.0	0	0.0				
5-9	3	1.0	0.0	0	0.0	1	1.0	0	0.0	2	4.0				
10-14	5	1.6	1.0	1	1.0	4	4.1	0	0.0	0	0.0				
15-19	7	2.1	1.9	2	1.9	1	1.0	4	6.8	0	0.0				
20-24	13	4.1	5.7	6	5.7	4	3.9	1	1.8	2	3.5				
25-29	32	10.0	10.0	11	10.0	4	3.8	12	23.3	5	9.2				
30-34	59	20.6	17.8	18	17.8	9	9.1	19	46.5	13	28.0				
35-39	97	31.5	35.6	40	35.6	16	14.7	23	57.4	18	38.4				
40-44	214	68.0	80.1	92	80.1	50	44.3	43	109.1	29	60.8				
45-49	409	119.7	151.6	187	151.6	85	68.7	75	175.7	62	119.1				
50-54	575	173.0	228.9	273	228.9	109	89.0	125	307.9	68	135.8				
55-59	699	237.3	304.2	325	304.2	124	110.4	161	479.0	89	212.9				
60-64	845	341.8	426.4	400	426.4	207	203.9	141	613.2	97	335.7				
65-69	902	469.7	601.6	434	601.6	251	305.2	121	763.2	96	440.6				
70-74	1,125	736.0	951.7	526	951.7	342	507.7	138	1142.3	119	656.0				
75-79	1,473	1216.9	1535.8	637	1535.8	537	950.3	132	1568.1	167	1140.4				
80-84	1,822	2009.6	2435.3	678	2435.3	827	1809.0	121	2142.4	196	1710.3				
85+	3,797	4462.9	4862.2	1,025	4862.2	2,150	4626.1	200	3984.9	422	3374.9				
NOT STATED	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 41  
MALIGNANT NEOPLASM DEATHS AND DEATH RATES <sup>1</sup> BY RACE  
AND TOTAL UNITED STATES RATES  
ALABAMA, 1960-2008**

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	185.7 <sup>2</sup>	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

<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, 2008**

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>	10,152	217.8		4,290	263.8	3,501	207.8	1,265	200.3	1,096	152.4				
1	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
1-4	3	1.2		1	1.2	2	2.5	0	0.0	0	0.0				
5-9	9	2.9		3	2.9	4	4.0	0	0.0	2	4.0				
10-14	12	3.9		6	5.8	2	2.0	0	0.0	4	7.6				
15-19	13	4.0		5	4.6	1	1.0	3	5.1	4	6.7				
20-24	13	4.1		8	7.6	3	2.9	2	3.7	0	0.0				
25-29	26	8.1		10	9.1	5	4.8	7	13.6	4	7.3				
30-34	31	10.8		11	10.9	12	12.2	5	12.2	3	6.5				
35-39	75	24.3		26	23.2	27	24.7	12	30.0	10	21.3				
40-44	151	48.0		57	49.6	49	43.5	17	43.1	28	58.7				
45-49	391	114.4		148	120.0	113	91.3	69	161.6	61	117.1				
50-54	625	188.0		267	223.9	175	142.9	99	243.9	84	167.8				
55-59	938	318.4		375	350.9	290	258.2	163	484.9	110	263.1				
60-64	1,161	469.7		513	546.9	347	341.9	181	787.1	120	415.2				
65-69	1,310	682.2		588	815.1	435	528.9	171	1078.6	116	532.4				
70-74	1,359	889.1		626	1132.6	481	714.0	135	1117.5	117	645.0				
75-79	1,405	1160.7		642	1547.8	475	840.6	147	1746.3	141	962.9				
80-84	1,304	1438.3		570	2047.3	493	1078.4	131	2319.4	110	959.9				
85+	1,326	1558.6		434	2058.7	587	1263.0	123	2450.7	182	1455.5				
NOT STATED	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 43**  
**MALIGNANT NEOPLASM DEATHS AND DEATH RATES<sup>1</sup>**  
**BY PRIMARY SITE AND SEX**  
**ALABAMA, 2008**

PRIMARY SITE	ICD-10 CODE	TOTAL			MALE			FEMALE		
		NUMBER	RATE	RATE	NUMBER	RATE	NUMBER	RATE		
Total	C00-C97	10,152	217.8	246.0	5,555	246.0	4,597	191.2		
Lip, Oral Cavity and Pharynx	C00-C14	147	3.2	4.5	102	4.5	45	1.9		
Esophagus	C15	206	4.4	7.7	173	7.7	33	1.4		
Stomach	C16	198	4.2	4.9	111	4.9	87	3.6		
Colon, Rectum and Anus	C18-C21	981	21.0	22.1	500	22.1	481	20.0		
Liver and Intrahepatic Bile Ducts	C22	311	6.7	9.7	219	9.7	92	3.8		
Pancreas	C25	592	12.7	12.9	292	12.9	300	12.5		
Larynx	C32	77	1.7	2.8	63	2.8	14	0.6		
Trachea, Bronchus and Lung	C33-C34	3,078	66.0	85.5	1,930	85.5	1,148	47.8		
Skin	C43	137	2.9	4.2	94	4.2	43	1.8		
Breast	C50	691	14.8	0.3	7	0.3	684	28.5		
Cervix Uteri	C53	84	1.8	0.0	0	0.0	84	3.5		
Corpus Uteri and Uterus, Part Unspecified	C54-C55	113	2.4	0.0	0	0.0	113	4.7		
Ovary	C56	280	6.0	0.0	0	0.0	280	11.6		
Prostate	C61	520	11.2	23.0	520	23.0	0	0.0		
Kidney and Renal Pelvis	C64-C65	205	4.4	5.1	116	5.1	89	3.7		
Bladder	C67	185	4.0	5.3	120	5.3	65	2.7		
Meninges, Brain and Other Parts of Central Nervous System	C70-C72	251	5.4	6.1	138	6.1	113	4.7		
Lymphoid, Hematopoietic and Related Tissue	Subtotal	930	19.9	23.2	525	23.2	405	16.8		
Hodgkin's Disease	C81	20	0.4	0.4	9	0.4	11	0.5		
Non-Hodgkin's Lymphoma	C82-C85	325	7.0	7.3	165	7.3	160	6.7		
Leukemia	C91-C95	385	8.3	10.1	228	10.1	157	6.5		
Multiple Myeloma and Immunoproliferative Neoplasms	C88 or C90	200	4.3	5.4	123	5.4	77	3.2		
Other and Unspecified Malignant Neoplasms of Lymphoid, Hematopoietic and Related Tissue	C96	0	0.0	0.0	0	0.0	0	0.0		
All Other and Unspecified Malignant Neoplasms	C00-C97 not listed above	1,166	25.0	28.6	645	28.6	521	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, 1970-2008**

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	44.4 <sup>2</sup>	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

<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, 2008**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,814	60.4		770	47.3	1,282	76.1	335	53.0	427	59.4				
UNDER 1	1	1.6		0	0.0	0	0.0	0	0.0	1	9.5				
1-4	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
5-9	2	0.7		0	0.0	0	0.0	0	0.0	2	4.0				
10-14	0	0.0		0	0.0	0	0.0	0	0.0	0	0.0				
15-19	1	0.3		1	0.9	0	0.0	0	0.0	0	0.0				
20-24	3	0.9		2	1.9	1	1.0	0	0.0	0	0.0				
25-29	3	0.9		2	1.8	0	0.0	0	0.0	1	1.8				
30-34	7	2.4		0	0.0	1	1.0	4	9.8	2	4.3				
35-39	15	4.9		2	1.8	2	1.8	6	15.0	5	10.7				
40-44	47	14.9		12	10.4	9	8.0	14	35.5	12	25.2				
45-49	77	22.5		14	11.4	21	17.0	20	46.9	22	42.2				
50-54	90	27.1		20	16.8	22	18.0	32	78.8	16	32.0				
55-59	137	46.5		40	37.4	25	22.3	42	125.0	30	71.8				
60-64	153	61.9		61	65.0	41	40.4	28	121.8	23	79.6				
65-69	185	96.3		64	88.7	61	74.2	36	227.1	24	110.2				
70-74	259	169.4		100	180.9	97	144.0	30	248.3	32	176.4				
75-79	354	292.5		98	236.3	162	286.7	34	403.9	60	409.7				
80-84	507	559.2		148	531.6	265	579.7	37	655.1	57	497.4				
85+	973	1143.6		206	977.2	575	1237.2	52	1036.1	140	1119.6				
NOT STATED	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 46**  
**CHRONIC LOWER RESPIRATORY DEATHS AND DEATH RATES <sup>1</sup>**  
**BY RACE AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1979-2008**

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	42.9 <sup>2</sup>	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

<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, 2008**

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
	NUMBER	RATE	MALE		FEMALE		MALE		FEMALE	
			NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,723	58.4	1,230	75.6	1,192	70.8	169	26.8	132	18.4
UNDER 1	2	3.2	0	0.0	0	0.0	2	18.6	0	0.0
1-4	2	0.8	0	0.0	1	1.3	0	0.0	1	2.4
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	1	0.3	0	0.0	0	0.0	0	0.0	1	1.9
15-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	1	0.3	1	1.0	0	0.0	0	0.0	0	0.0
25-29	1	0.3	0	0.0	0	0.0	1	1.9	0	0.0
30-34	4	1.4	1	1.0	1	1.0	0	0.0	2	4.3
35-39	6	1.9	1	0.9	1	0.9	1	2.5	3	6.4
40-44	13	4.1	1	0.9	6	5.3	2	5.1	4	8.4
45-49	28	8.2	6	4.9	17	13.7	3	7.0	2	3.8
50-54	81	24.4	34	28.5	32	26.1	7	17.2	8	16.0
55-59	141	47.9	53	49.6	70	62.3	8	23.8	10	23.9
60-64	207	83.7	94	100.2	85	83.7	18	78.3	10	34.6
65-69	329	171.3	156	216.2	139	169.0	19	119.8	15	68.8
70-74	425	278.0	214	387.2	181	268.7	15	124.2	15	82.7
75-79	478	394.9	224	540.1	208	368.1	28	332.6	18	122.9
80-84	454	500.8	217	779.4	195	426.6	29	513.5	13	113.4
85+	550	646.5	228	1081.5	256	550.8	36	717.3	30	239.9
<b>NOT STATED</b>	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 48**  
**ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2008**

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	38.8 <sup>2</sup>	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

<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, 2008**

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,497	53.6	2,004	60.5	493	36.5
UNDER 1	18	29.0	10	24.5	8	37.6
1-4	32	12.9	23	14.1	9	10.6
5-9	25	8.1	17	8.3	8	7.8
10-14	24	7.8	16	7.9	8	7.5
15-19	140	42.7	109	51.9	31	26.2
20-24	198	62.2	151	73.0	47	42.1
25-29	219	68.2	168	78.1	51	48.1
30-34	167	58.2	132	66.1	35	40.1
35-39	156	50.6	129	58.2	27	31.1
40-44	171	54.3	136	59.7	35	40.2
45-49	243	71.1	191	77.3	52	54.9
50-54	197	59.3	152	62.9	45	49.6
55-59	151	51.3	115	52.5	36	47.7
60-64	135	54.6	103	52.7	32	61.7
65-69	82	42.7	68	44.0	14	37.2
70-74	86	56.3	68	55.4	18	59.6
75-79	110	90.9	104	106.1	6	26.0
80-84	114	125.7	106	144.1	8	46.8
85+	229	269.2	206	304.9	23	131.3
NOT STATED	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 50**  
**ACCIDENTAL DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2008**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
	NUMBER	RATE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
				NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	2,497	53.6		1,254	77.1	750	44.5	350	55.4	143	19.9				
UNDER 1	18	29.0		7	33.4	3	15.1	2	18.6	6	57.1				
1-4	32	12.9		19	22.7	4	5.0	7	16.2	2	4.8				
5-9	25	8.1		13	12.4	4	4.0	5	9.6	3	6.0				
10-14	24	7.8		10	9.6	6	6.1	3	5.6	5	9.5				
15-19	140	42.7		79	73.3	30	29.4	21	35.7	10	16.8				
20-24	198	62.2		122	116.1	29	28.5	38	69.6	9	15.7				
25-29	219	68.2		126	114.5	42	39.9	41	79.5	10	18.3				
30-34	167	58.2		94	92.7	38	38.6	31	75.9	4	8.6				
35-39	156	50.6		85	75.7	44	40.3	21	52.4	6	12.8				
40-44	171	54.3		79	68.8	57	50.6	22	55.8	13	27.3				
45-49	243	71.1		112	90.8	79	63.9	42	98.4	10	19.2				
50-54	197	59.3		88	73.8	64	52.3	33	81.3	12	24.0				
55-59	151	51.3		76	71.1	39	34.7	27	80.3	9	21.5				
60-64	135	54.6		69	73.6	34	33.5	24	104.4	8	27.7				
65-69	82	42.7		45	62.4	23	28.0	10	63.1	4	18.4				
70-74	86	56.3		39	70.6	29	43.0	10	82.8	8	44.1				
75-79	110	90.9		63	151.9	41	72.6	3	35.6	3	20.5				
80-84	114	125.7		50	179.6	56	122.5	2	35.4	6	52.4				
85+ NOT STATED	229	269.2		78	370.0	128	275.4	8	159.4	15	120.0				
	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 51  
ACCIDENTAL DEATHS BY TYPE OF ACCIDENT AND AGE GROUP  
ALABAMA, 2008**

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>	2,497	18	32	49	338	386	327	440	286	168	453
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>	1,079	2	11	27	252	198	147	196	118	54	74
DROWNING (W65-W74)	77	1	10	8	9	9	11	13	9	1	6
AIR & SPACE TRANSPORT (V95-V97)	12	0	0	0	2	1	3	2	4	0	0
POISONING (X40-X49)	530	0	0	1	41	136	118	152	67	8	7
FALLS (W00-W19)	207	0	3	1	0	10	6	10	21	29	127
SMOKE, FIRE AND FLAMES (X00-X09)	88	0	4	5	4	4	7	15	14	19	16
CONTACT WITH VENOMOUS LIFE FORMS (X20- X29)	2	0	0	0	0	0	1	1	0	0	0
EXCESSIVE NATURAL HEAT (X30)	8	0	0	0	1	0	0	3	2	0	2
EXCESSIVE NATURAL COLD (X31)	12	0	0	0	0	0	0	1	4	0	7
LIGHTNING (X33)	0	0	0	0	0	0	0	0	0	0	0
CATAclysmic STORMS AND FLOODS (X37-X38)	5	0	0	0	1	0	1	1	1	0	1
SUFFOCATION (W75-W84)	137	14	0	2	6	6	8	10	17	22	52
STRUCK BY FALLING OBJECTS, ETC. (W20)	14	0	1	0	0	2	3	4	0	4	0
FIREARMS (W32-W34)	31	0	1	1	10	7	6	2	2	2	0
ELECTROCUTION (W85-W87)	9	0	0	0	3	1	2	0	3	0	0
ALL OTHER ACCIDENTS & LATE EFFECTS	285	1	2	4	9	11	14	30	24	29	161

<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, 1979-2008**

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	23.5 <sup>2</sup>	1,288	27.8	801	24.4	487	36.3
2008	N/A	1,380	29.6	841	25.4	539	39.9

<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, 2008

AGE GROUP	TOTAL						WHITE						BLACK AND OTHER					
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	1,380	29.6	422	25.9	419	24.9	227	35.9	312	43.4								
UNDER 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	2	0.6	0	0.0	0	0.0	1	1.9	1	1.9	1.9	1.9	1	1.9	1	1.9	1	1.9
15-19	1	0.3	1	0.9	0	0.0	0	0.0	0	0.0	0.0	0.0	0	0.0	0	0.0	0	0.0
20-24	6	1.9	2	1.9	0	0.0	1	1.8	3	5.2	1	1.8	1	1.8	3	5.2	3	5.2
25-29	3	0.9	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0	3	5.8	0	0.0	0	0.0
30-34	8	2.8	1	1.0	2	2.0	1	2.4	4	8.6	1	2.4	1	2.4	4	8.6	4	8.6
35-39	14	4.5	9	8.0	0	0.0	3	7.5	2	4.3	3	7.5	3	7.5	2	4.3	2	4.3
40-44	33	10.5	12	10.4	6	5.3	10	25.4	5	10.5	10	25.4	10	25.4	5	10.5	5	10.5
45-49	57	16.7	23	18.7	12	9.7	12	28.1	10	19.2	12	28.1	12	28.1	10	19.2	10	19.2
50-54	77	23.2	35	29.3	14	11.4	17	41.9	11	22.0	17	41.9	17	41.9	11	22.0	11	22.0
55-59	132	44.8	48	44.9	26	23.2	31	92.2	27	64.6	31	92.2	31	92.2	27	64.6	27	64.6
60-64	140	56.6	54	57.6	31	30.5	26	113.1	29	100.3	26	113.1	26	113.1	29	100.3	29	100.3
65-69	134	69.8	47	65.2	32	38.9	24	151.4	31	142.3	24	151.4	24	151.4	31	142.3	31	142.3
70-74	176	115.1	52	94.1	50	74.2	31	256.6	43	237.1	31	256.6	31	256.6	43	237.1	43	237.1
75-79	175	144.6	47	113.3	70	123.9	27	320.7	31	211.7	27	320.7	27	320.7	31	211.7	31	211.7
80-84	174	191.9	41	147.3	66	144.4	20	354.1	47	410.1	20	354.1	20	354.1	47	410.1	47	410.1
85+ NOT STATED	248	291.5	50	237.2	110	236.7	20	398.5	68	543.8	20	398.5	20	398.5	68	543.8	68	543.8
	0	—	0	—	0	—	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 54**  
**ALZHEIMER'S DISEASE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1979-2008**

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	24.8 <sup>2</sup>	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

<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 DISEASE DEATHS AND DEATH RATES <sup>1</sup>**  
**BY AGE GROUP, RACE AND SEX**  
**ALABAMA, 2008**

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
	NUMBER	RATE	MALE		FEMALE		MALE		FEMALE	
			NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	1,516	32.5	360	22.1	926	55.0	71	11.2	159	22.1
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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
50-54	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
55-59	4	1.4	1	0.9	2	1.8	1	3.0	0	0.0
60-64	12	4.9	5	5.3	7	6.9	0	0.0	0	0.0
65-69	27	14.1	11	15.2	14	17.0	1	6.3	1	4.6
70-74	65	42.5	14	25.3	40	59.4	7	57.9	4	22.1
75-79	187	154.5	64	154.3	91	161.0	8	95.0	24	163.9
80-84	352	388.2	101	362.8	204	446.2	18	318.7	29	253.1
85+	869	1021.4	164	778.0	568	1222.2	36	717.3	101	807.7
NOT STATED	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 56**  
**SUICIDE DEATHS AND DEATH RATES <sup>1</sup> BY RACE**  
**AND TOTAL UNITED STATES RATES**  
**ALABAMA, 1960-2008**

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	11.0 <sup>2</sup>	586	12.7	530	16.1	56	4.2
2008	N/A	603	12.9	533	16.1	70	5.2

<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, 2008**

AGE GROUP	TOTAL			WHITE						BLACK AND OTHER					
			RATE	MALE			FEMALE			MALE			FEMALE		
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		
<b>TOTAL</b>	603	12.9	422	25.9	111	6.6	60	9.5	10	1.4					
UNDER 1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0		
1-4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0		
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0		
10-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0		
15-19	23	7.0	12	11.1	2	2.0	9	15.3	0	0.0	0	0.0	0.0		
20-24	56	17.6	36	34.3	5	4.9	13	23.8	2	3.5	2	3.5	3.5		
25-29	42	13.1	33	30.0	4	3.8	5	9.7	0	0.0	0	0.0	0.0		
30-34	62	21.6	37	36.5	11	11.2	11	26.9	3	6.5	3	6.5	6.5		
35-39	47	15.2	33	29.4	11	10.1	2	5.0	1	2.1	1	2.1	2.1		
40-44	60	19.1	43	37.4	9	8.0	6	15.2	2	4.2	2	4.2	4.2		
45-49	73	21.4	47	38.1	22	17.8	4	9.4	0	0.0	0	0.0	0.0		
50-54	61	18.4	47	39.4	10	8.2	4	9.9	0	0.0	0	0.0	0.0		
55-59	56	19.0	36	33.7	19	16.9	1	3.0	0	0.0	0	0.0	0.0		
60-64	34	13.8	28	29.8	6	5.9	0	0.0	0	0.0	0	0.0	0.0		
65-69	27	14.1	17	23.6	8	9.7	1	6.3	1	4.6	1	4.6	4.6		
70-74	22	14.4	17	30.8	2	3.0	2	16.6	1	5.5	1	5.5	5.5		
75-79	18	14.9	16	38.6	1	1.8	1	11.9	0	0.0	0	0.0	0.0		
80-84	12	13.2	11	39.5	0	0.0	1	17.7	0	0.0	0	0.0	0.0		
85+ NOT STATED	10	11.8	9	42.7	1	2.2	0	0.0	0	0.0	0	0.0	0.0		
	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, 1960-2008**

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	5.8 <sup>2</sup>	477	10.3	176	5.4	301	22.5
2008	N/A	450	9.7	164	5.0	286	21.2

<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, 2008**

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>	450	9.7		117	7.2	47	2.8	239	37.8	47	6.5						
UNDER 1	6	9.7		1	4.8	1	5.0	3	27.8	1	9.5						
1-4	6	2.4		1	1.2	0	0.0	3	7.0	2	4.8						
5-9	1	0.3		0	0.0	0	0.0	1	1.9	0	0.0						
10-14	9	2.9		0	0.0	2	2.0	6	11.2	1	1.9						
15-19	39	11.9		7	6.5	2	2.0	26	44.2	4	6.7						
20-24	77	24.2		16	15.2	8	7.9	47	86.1	6	10.5						
25-29	69	21.5		12	10.9	3	2.9	45	87.3	9	16.5						
30-34	50	17.4		14	13.8	2	2.0	30	73.5	4	8.6						
35-39	44	14.3		13	11.6	6	5.5	19	47.4	6	12.8						
40-44	37	11.8		10	8.7	4	3.5	19	48.2	4	8.4						
45-49	40	11.7		11	8.9	5	4.0	21	49.2	3	5.8						
50-54	18	5.4		7	5.9	2	1.6	8	19.7	1	2.0						
55-59	13	4.4		5	4.7	4	3.6	3	8.9	1	2.4						
60-64	18	7.3		10	10.7	1	1.0	4	17.4	3	10.4						
65-69	12	6.2		5	6.9	4	4.9	3	18.9	0	0.0						
70-74	5	3.3		3	5.4	2	3.0	0	0.0	0	0.0						
75-79	3	2.5		1	2.4	0	0.0	0	0.0	2	13.7						
80-84	2	2.2		1	3.6	0	0.0	1	17.7	0	0.0						
85+ NOT STATED	1 0	1.2 —		0 0	0.0 —	1 0	2.2 —	0 0	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, 1945-2008**

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 <sup>3</sup>	345	8.0	5.7 <sup>3</sup>	296	14.0	10.3 <sup>3</sup>
2008	612	9.5	6.5 <sup>3</sup>	324	7.6	-- <sup>4</sup>	288	13.4	-- <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, 1945-2008**

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 <sup>3</sup>	215	5.0	-- <sup>4</sup>	192	9.1	-- <sup>4</sup>
2008	378	5.9	-- <sup>4</sup>	200	4.7	-- <sup>4</sup>	178	8.3	-- <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, 1945-2008**

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	2.4 <sup>3</sup>	130	3.0	-- <sup>4</sup>	104	4.9	-- <sup>4</sup>
2008	234	3.6	-- <sup>4</sup>	124	2.9	-- <sup>4</sup>	110	5.1	-- <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 OF INFANT  
 ALABAMA, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	612	9.5	324	7.6	288	13.4
Autauga	9	11.7	6	10.3	3	16.6
Baldwin	16	7.0	14	7.2	2	5.9
Barbour	6	17.0	2	11.2	4	23.0
Bibb	2	7.4	2	9.3	0	0.0
Blount	4	5.7	4	5.9	0	0.0
Bullock	0	0.0	0	0.0	0	0.0
Butler	4	13.5	1	7.2	3	18.9
Calhoun	13	8.5	8	7.2	5	11.8
Chambers	3	7.2	2	9.6	1	4.8
Cherokee	4	17.2	3	13.6	1	83.3
Chilton	8	13.1	8	15.1	0	0.0
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	2	6.3	0	0.0	2	11.4
Clay	2	12.2	1	7.2	1	40.0
Cleburne	1	5.1	1	5.4	0	0.0
Coffee	6	8.7	6	11.3	0	0.0
Colbert	4	6.2	3	5.9	1	7.0
Conecuh	3	20.7	1	15.6	2	24.7
Coosa	1	8.7	0	0.0	1	25.0
Covington	5	11.3	2	5.4	3	39.0
Crenshaw	0	0.0	0	0.0	0	0.0
Cullman	11	10.8	11	11.1	0	0.0
Dale	3	3.9	0	0.0	3	17.6
Dallas	10	13.5	5	31.4	5	8.6
DeKalb	4	3.9	4	4.1	0	0.0
Elmore	6	5.8	4	5.2	2	7.8
Escambia	4	7.1	2	5.5	2	9.8
Etowah	19	15.0	15	14.1	4	19.5
Fayette	2	10.5	0	0.0	2	64.5
Franklin	4	8.3	4	8.8	0	0.0
Geneva	2	6.0	1	3.3	1	30.3
Greene	0	0.0	0	0.0	0	0.0
Hale	3	13.9	1	12.7	2	14.6
Henry	2	11.0	0	0.0	2	39.2
Houston	11	7.9	6	6.5	5	10.6
Jackson	8	12.8	8	13.6	0	0.0
Jefferson	126	13.2	49	10.1	77	16.4
Lamar	2	11.3	1	6.6	1	40.0
Lauderdale	8	7.8	2	2.3	6	42.6
Lawrence	4	9.4	3	8.1	1	18.2
Lee	10	6.7	6	6.0	4	8.2
Limestone	7	6.6	6	6.4	1	7.8
Lowndes	1	5.6	0	0.0	1	6.5
Macon	3	12.1	0	0.0	3	14.4
Madison	47	11.1	24	8.3	23	17.4
Marengo	1	3.4	0	0.0	1	6.4
Marion	2	6.1	2	6.2	0	0.0
Marshall	8	5.3	8	6.4	0	0.0
Mobile	43	6.9	15	4.5	28	9.9
Monroe	2	6.9	1	6.2	1	7.9
Montgomery	35	9.8	7	5.8	28	11.9
Morgan	14	8.6	11	8.0	3	12.1
Perry	3	19.1	0	0.0	3	22.7
Pickens	5	19.2	0	0.0	5	41.7
Pike	5	12.7	2	9.3	3	16.8
Randolph	2	7.9	2	10.8	0	0.0
Russell	9	10.7	6	10.3	3	11.6
St. Clair	6	5.3	5	4.7	1	11.5
Shelby	11	4.2	8	3.5	3	8.3
Sumter	3	17.1	0	0.0	3	21.1
Talladega	15	14.4	11	17.1	4	9.9
Tallapoosa	7	13.0	3	8.7	4	20.8
Tuscaloosa	32	12.3	12	7.7	20	19.3
Walker	13	15.1	11	14.0	2	27.4
Washington	2	10.9	0	0.0	2	31.7
Wilcox	0	0.0	0	0.0	0	0.0
Winston	4	14.1	4	14.4	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, 2008**

AGE AT DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	612	9.5	324	7.6	288	13.4
<b>UNDER 1 DAY</b>	214	3.3	106	2.5	108	5.0
<b>1 DAY-6 DAYS</b>	82	1.3	53	1.2	29	1.4
<b>7 DAYS- 27 DAYS</b>	82	1.3	41	1.0	41	1.9
<b>28 DAYS - 364 DAYS</b>	234	3.6	124	2.9	110	5.1

<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, 2008**

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
<b>TOTAL</b>	64,345	612	9.5
<b>FIRST</b>	26,415	254	9.6
<b>SECOND</b>	20,703	199	9.6
<b>THIRD</b>	10,397	75	7.2
<b>FOURTH</b>	3,700	40	10.8
<b>FIFTH</b>	1,263	15	11.9
<b>SIXTH</b>	462	5	10.8
<b>SEVENTH &amp; ABOVE</b>	343	10	29.2
<b>NOT STATED</b>	1,062	14	—

<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, 2008**

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
	612	9.5		324	7.6		288	13.4	
<b>ALL CAUSES</b>									
Certain infectious and parasitic diseases	12	18.6		7	16.3		5	23.3	
Septicemia	10	15.5		6	14.0		4	18.6	
Viral diseases	1	1.6		1	2.3		0	0.0	
Other and unspecified infectious and parasitic diseases	1	1.6		0	0.0		1	4.7	
Neoplasms	3	4.7		2	4.7		1	4.7	
Malignant neoplasms	0	0.0		0	0.0		0	0.0	
In situ neoplasms, benign neoplasms and uncertain or unknown neoplasms	3	4.7		2	4.7		1	4.7	
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	4	6.2		2	4.7		2	9.3	
Endocrine, nutritional and metabolic diseases	5	7.8		3	7.0		2	9.3	
Short stature, not elsewhere classified	0	0.0		0	0.0		0	0.0	
Nutritional deficiencies	0	0.0		0	0.0		0	0.0	
Cystic fibrosis	0	0.0		0	0.0		0	0.0	
Volume depletion, disorders of fluid, electrolyte and acid-base balance	1	1.6		0	0.0		1	4.7	
Other endocrine, nutritional and metabolic diseases	4	6.2		3	7.0		1	4.7	
Diseases of the nervous system	9	14.0		4	9.3		5	23.3	
Meningitis	0	0.0		0	0.0		0	0.0	
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	0	0.0		0	0.0		0	0.0	
Infantile cerebral palsy	0	0.0		0	0.0		0	0.0	
Anoxic brain damage, not elsewhere classified	1	1.6		0	0.0		1	4.7	
Other diseases of the nervous system	8	12.4		4	9.3		4	18.6	
Diseases of the ear and mastoid process	1	1.6		0	0.0		1	4.7	
Diseases of the circulatory system	14	21.8		6	14.0		8	37.3	
Pulmonary heart disease and diseases of pulmonary circulation	1	1.6		0	0.0		1	4.7	
Cardiomyopathy	0	0.0		0	0.0		0	0.0	
Cardiac arrest	6	9.3		2	4.7		4	18.6	
Cerebrovascular diseases	1	1.6		0	0.0		1	4.7	
Other diseases of the circulatory system	6	9.3		4	9.3		2	9.3	
Diseases of the respiratory system	10	15.5		3	7.0		7	32.6	
Acute upper respiratory infections	0	0.0		0	0.0		0	0.0	
Influenza and pneumonia	2	3.1		1	2.3		1	4.7	
Acute bronchitis and acute bronchiolitis	3	4.7		1	2.3		2	9.3	
Bronchitis, chronic and unspecified	1	1.6		0	0.0		1	4.7	
Asthma	1	1.6		0	0.0		1	4.7	
Pneumonitis due to solids and liquids	0	0.0		0	0.0		0	0.0	
Other and unspecified diseases of the respiratory system	3	4.7		1	2.3		2	9.3	
Diseases of the digestive system	15	23.3		7	16.3		8	37.3	
Gastritis, duodenitis, and noninfective enteritis and colitis	10	15.5		4	9.3		6	28.0	
Hernia of abdominal cavity and intestinal obstruction without hernia	2	3.1		1	2.3		1	4.7	
Other and unspecified diseases of the digestive system	3	4.7		2	4.7		1	4.7	
Diseases of the genitourinary system	5	7.8		3	7.0		2	9.3	
Renal failure and other disorders of the kidney	5	7.8		3	7.0		2	9.3	
Other and unspecified diseases of the genitourinary system	0	0.0		0	0.0		0	0.0	

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



**TABLE 66**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE OF INFANT AND CAUSE OF DEATH**  
**ALABAMA, 2008**

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
	612	9.5	324	7.6	288	13.4			
<b>ALL CAUSES</b>	308	478.7	139	324.0	169	788.0			
Certain conditions originating in the perinatal period	58	90.1	25	58.3	33	153.9			
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	0	0.0	0	0.0	0	0.0			
Newborn affected by maternal hypertensive disorders	0	0.0	0	0.0	0	0.0			
Newborn affected by other maternal conditions which may be unrelated to present pregnancy	36	55.9	17	39.6	19	88.6			
Newborn affected by maternal complications of pregnancy	3	4.7	2	4.7	1	4.7			
Newborn affected by incompetent cervix	20	31.1	9	21.0	11	51.3			
Newborn affected by premature rupture of membranes	6	9.3	4	9.3	2	9.3			
Newborn affected by multiple pregnancy	7	10.9	2	4.7	5	23.3			
Newborn affected by other maternal complications of pregnancy	20	31.1	8	18.6	12	55.9			
Newborn affected by complications of placenta, cord and membranes	9	14.0	5	11.7	4	18.6			
Newborn affected by complications involving placenta	1	1.6	0	0.0	1	4.7			
Newborn affected by complications involving cord	10	15.5	3	7.0	7	32.6			
Newborn affected by chorioamnionitis	0	0.0	0	0.0	0	0.0			
Newborn affected by other and unspecified abnormalities of membranes	2	3.1	0	0.0	2	9.3			
Newborn affected by other complications of labor and delivery	0	0.0	0	0.0	0	0.0			
Newborn affected by noxious influences transmitted by placenta or breastmilk	105	163.2	45	104.9	60	279.7			
Disorders related to length of gestation and fetal malnutrition	1	1.6	0	0.0	1	4.7			
Slow growth and fetal malnutrition	104	161.6	45	104.9	59	275.1			
Disorders related to short gestation and low birth weight, not elsewhere classified	59	91.7	25	58.3	34	158.5			
Extremely low birth weight or extreme immaturity	45	69.9	20	46.6	25	116.6			
Other low birth weight or preterm	0	0.0	0	0.0	0	0.0			
Disorders related to long gestation and high birthweight	1	1.6	0	0.0	1	4.7			
Birth trauma	4	6.2	2	4.7	2	9.3			
Intrauterine hypoxia and birth asphyxia	2	3.1	2	4.7	0	0.0			
Intrauterine hypoxia	2	3.1	0	0.0	2	9.3			
Birth asphyxia	19	29.5	11	25.6	8	37.3			
Respiratory distress of newborn	42	65.3	22	51.3	20	93.2			
Other respiratory conditions originating in the perinatal period	0	0.0	0	0.0	0	0.0			
Congenital pneumonia	3	4.7	2	4.7	1	4.7			
Neonatal aspiration syndromes	1	1.6	0	0.0	1	4.7			
Interstitial emphysema and related conditions originating in the perinatal period	13	20.2	7	16.3	6	28.0			
Pulmonary hemorrhage originating in the perinatal period	15	23.3	6	14.0	9	42.0			
Chronic respiratory disease originating in the perinatal period	8	12.4	5	11.7	3	14.0			
Atelectasis	2	3.1	2	4.7	0	0.0			
Other respiratory conditions originating in the perinatal period	21	32.6	12	28.0	9	42.0			
Infections specific to the perinatal period	19	29.5	11	25.6	8	37.3			
Bacterial sepsis of newborn	2	3.1	1	2.3	1	4.7			
Other infections specific to the perinatal period	19	29.5	6	14.0	13	60.6			
Hemorrhagic and hematological disorders of newborn	17	26.4	5	11.7	12	55.9			
Neonatal hemorrhage	0	0.0	0	0.0	0	0.0			
Hemorrhagic disease of newborn	1	1.6	1	2.3	0	0.0			
Hemolytic disease of newborn	1	1.6	0	0.0	1	4.7			
Hematological disorders									

<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, 2008**

CAUSE OF DEATH	TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
	612	9.5		324	7.6		288	13.4	
<b>ALL CAUSES</b>	612	9.5		324	7.6		288	13.4	
Neonatal diabetes mellitus and syndrome of infant of diabetic mother	0	0.0		0	0.0		0	0.0	
Necrotizing enterocolitis of newborn	15	23.3		6	14.0		9	42.0	
Hydrops fetalis not due to hemolytic disease	1	1.6		1	2.3		0	0.0	
Other perinatal conditions	23	35.7		9	21.0		14	65.3	
Congenital malformations, deformations and chromosomal abnormalities	107	166.3		81	188.8		26	121.2	
Anencephaly and similar malformations	10	15.5		7	16.3		3	14.0	
Congenital hydrocephalus	4	6.2		3	7.0		1	4.7	
Spina bifida	0	0.0		0	0.0		0	0.0	
Other congenital malformations of the nervous system	2	3.1		2	4.7		0	0.0	
Congenital malformations of the heart	22	34.2		16	37.3		6	28.0	
Other congenital malformations of the circulatory system	4	6.2		4	9.3		0	0.0	
Congenital malformations of the respiratory system	7	10.9		7	16.3		0	0.0	
Congenital malformations of the digestive system	2	3.1		2	4.7		0	0.0	
Congenital malformations of the genitourinary system	11	17.1		8	18.6		3	14.0	
Congenital malformations and deformations of musculoskeletal system, limbs and integument	21	32.6		15	35.0		6	28.0	
Down's syndrome	0	0.0		0	0.0		0	0.0	
Edward's syndrome	6	9.3		2	4.7		4	18.6	
Patau's syndrome	5	7.8		4	9.3		1	4.7	
Other congenital malformations and deformations	10	15.5		8	18.6		2	9.3	
Other chromosomal abnormalities, not elsewhere classified	3	4.7		3	7.0		0	0.0	
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	90	139.9		51	118.9		39	181.8	
Sudden infant death syndrome	59	91.7		35	81.6		24	111.9	
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	31	48.2		16	37.3		15	69.9	
All other diseases (residual of A00-P99)	4	6.2		3	7.0		1	4.7	
External causes of mortality	25	38.9		13	30.3		12	55.9	
Accidents	18	28.0		10	23.3		8	37.3	
Motor vehicle accidents	2	3.1		1	2.3		1	4.7	
Falls	0	0.0		0	0.0		0	0.0	
Accidental discharge of firearms	0	0.0		0	0.0		0	0.0	
Drowning	1	1.6		1	2.3		0	0.0	
Other accidental suffocation and strangulation in bed	4	6.2		2	4.7		2	9.3	
Other accidental suffocation and strangulation	8	12.4		4	9.3		4	18.6	
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	2	3.1		1	2.3		1	4.7	
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	1	1.6		1	2.3		0	0.0	
Homicide (assault)	6	9.3		2	4.7		4	18.6	
Homicide by hanging, strangulation and suffocation	0	0.0		0	0.0		0	0.0	
Homicide by discharge of firearms	0	0.0		0	0.0		0	0.0	
Neglect, abandonment and other maltreatment syndromes	2	3.1		1	2.3		1	4.7	
Homicide by other and unspecified means	4	6.2		1	2.3		3	14.0	
Complications of medical and surgical care	0	0.0		0	0.0		0	0.0	
Other external causes	1	1.6		1	2.3		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, 2008**

AGE OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	612	9.5	324	7.6	288	13.4
<b>UNDER 15</b>	2	12.6	0	0.0	2	18.9
<b>15-17</b>	28	11.1	10	7.7	18	14.8
<b>18-19</b>	71	12.1	38	11.2	33	13.2
<b>20-24</b>	204	10.4	96	7.9	108	14.5
<b>25-29</b>	148	8.1	80	6.3	68	12.4
<b>30-34</b>	97	8.6	57	6.9	40	13.7
<b>35-39</b>	54	11.2	39	10.8	15	12.2
<b>40+</b>	8	8.9	4	6.2	4	15.5
<b>NOT STATED</b>	0	--	0	--	0	--

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

**TABLE 68**  
**INFANT DEATHS AND INFANT MORTALITY RATES<sup>1</sup>**  
**BY WEIGHT AT BIRTH AND RACE OF INFANT**  
**ALABAMA, 2008**

BIRTH WEIGHT IN GRAMS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	612	9.5	324	7.6	288	13.4
<b>0-499 GRAMS</b>	128	920.9	51	894.7	77	939.0
<b>500-999 GRAMS</b>	170	326.9	78	321.0	92	332.1
<b>1000-1499 GRAMS</b>	36	53.4	20	59.7	16	47.2
<b>1500-1999 GRAMS</b>	35	27.4	19	30.0	16	24.9
<b>2000-2499 GRAMS</b>	47	11.4	26	11.8	21	11.1
<b>2500-4499 GRAMS</b>	173	3.1	114	3.0	59	3.3
<b>4500 PLUS GRAMS</b>	5	11.1	5	13.2	0	0.0
<b>UNKNOWN</b>	18	--	11	--	7	--

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

**TABLE 69**  
**INFANT DEATHS AND INFANT MORTALITY RATES <sup>1</sup>**  
**BY RACE, SEX AND PLURALITY AT BIRTH**  
**ALABAMA, 2008**

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>	612	9.5	193	8.8	131	6.3	155	14.3	133	12.5
<b>SINGLE</b>	521	8.4	162	7.6	103	5.1	140	13.4	116	11.3
<b>MULTIPLE</b>	91	41.9	31	41.1	28	41.9	15	39.6	17	45.9
<b>TWINS</b>	83	40.4	26	36.7	25	40.5	15	40.7	17	47.2
<b>TRIPLETS OR HIGHER ORDER</b>	8	69.0	5	111.1	3	58.8	0	0.0	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, 2008**

	ADEQUATE PLUS	ADEQUATE	INTERMEDIATE	INADEQUATE
<b>TOTAL</b>	280	134	58	114
<b>RATE</b>	13.2	5.2	7.8	13.0
WHITE	153	68	30	60
RATE	10.7	3.8	6.1	12.1
BLACK AND OTHER	127	66	28	54
RATE	18.4	8.5	11.0	14.1

<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>, 1945-2008**

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

<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  
ALABAMA, 2008**

COUNTY	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
<b>TOTAL</b>	40,638	8.7	30,899	9.3	9,739	7.2
Autauga	399	7.9	326	8.1	73	7.2
Baldwin	3,024	17.3	2,799	18.3	225	10.6
Barbour	201	6.9	125	8.3	76	5.3
Bibb	258	11.9	206	12.4	52	10.4
Blount	384	6.7	377	6.8	7	3.3
Bullock	67	6.2	28	8.9	39	5.1
Butler	170	8.5	106	9.3	64	7.4
Calhoun	967	8.5	750	8.5	217	8.6
Chambers	224	6.5	162	7.7	62	4.6
Cherokee	229	9.3	216	9.5	13	7.7
Chilton	420	9.9	376	10.1	44	8.3
Choctaw	140	10.0	82	10.5	58	9.3
Clarke	208	7.9	119	8.2	89	7.5
Clay	136	9.8	110	9.6	26	11.1
Cleburne	201	13.6	186	13.3	15	18.3
Coffee	512	10.7	430	11.5	82	7.8
Colbert	532	9.7	456	10.2	76	7.6
Conecuh	90	6.9	55	7.6	35	6.0
Coosa	87	8.0	67	9.2	20	5.7
Covington	419	11.4	370	11.8	49	9.0
Crenshaw	107	7.8	79	7.9	28	7.6
Cullman	720	8.9	703	8.9	17	6.3
Dale	457	9.5	367	10.1	90	7.5
Dallas	313	7.3	126	9.4	187	6.4
DeKalb	491	7.2	483	7.4	8	2.6
Elmore	719	9.2	606	10.2	113	6.0
Escambia	532	14.2	392	16.6	140	10.1
Etowah	1,063	10.3	907	10.5	156	9.1
Fayette	180	10.2	152	9.9	28	11.7
Franklin	273	8.9	252	8.7	21	11.0
Geneva	243	9.4	231	10.2	12	3.7
Greene	45	4.9	8	4.2	37	5.1
Hale	139	7.7	69	9.2	70	6.6
Henry	113	6.8	91	8.0	22	4.2
Houston	947	9.6	725	10.2	222	8.1
Jackson	631	11.9	611	12.5	20	4.7
Jefferson	5,000	7.6	3,013	8.1	1,987	6.9
Lamar	242	16.9	181	14.5	61	33.6
Lauderdale	766	8.6	672	8.5	94	9.0
Lawrence	249	7.3	228	8.5	21	2.9
Lee	802	6.0	581	5.9	221	6.3
Limestone	534	7.0	470	7.3	64	5.4
Lowndes	94	7.4	37	9.9	57	6.4
Macon	101	4.5	28	8.0	73	3.9
Madison	2,476	7.7	1,787	7.9	689	7.5
Marengo	133	6.3	62	6.2	71	6.4
Marion	579	19.7	512	18.4	67	41.2
Marshall	889	10.0	852	10.1	37	9.8
Mobile	3,763	9.3	2,608	10.4	1,155	7.5
Monroe	161	7.1	119	9.3	42	4.3
Montgomery	1,543	6.9	722	7.4	821	6.5
Morgan	915	7.9	795	8.0	120	7.1
Perry	62	5.8	24	7.2	38	5.2
Pickens	344	17.6	205	18.6	139	16.3
Pike	204	6.7	119	6.5	85	7.0
Randolph	175	7.7	145	8.4	30	5.7
Russell	758	15.0	455	16.1	303	13.6
St. Clair	746	9.3	678	9.5	68	7.8
Shelby	923	4.9	806	4.9	117	4.8
Sumter	188	14.2	96	26.9	92	9.5
Talladega	643	8.0	464	8.6	179	6.7
Tallapoosa	341	8.4	256	8.6	85	7.7
Tuscaloosa	1,026	5.7	732	6.1	294	4.9
Walker	598	8.7	548	8.6	50	9.0
Washington	461	26.8	325	28.9	136	22.8
Wilcox	71	5.5	28	8.0	43	4.6
Winston	210	8.8	203	8.7	7	12.9

<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.

\* The marriages in this table are by issuing county.

**TABLE 73  
MARRIAGES AND MARRIAGE RATES <sup>1</sup>  
BY MONTH OF OCCURRENCE  
ALABAMA, 2008**

<b>MONTH</b>	<b>NUMBER</b>	<b>MONTHLY MARRIAGE RATE</b>
<b>TOTAL</b>	40,638	8.7
JANUARY	2,102	5.3
FEBRUARY	3,230	8.7
MARCH	3,197	8.1
APRIL	3,305	8.6
MAY	4,321	10.9
JUNE	4,340	11.4
JULY	3,561	9.0
AUGUST	3,885	9.8
SEPTEMBER	3,104	8.1
OCTOBER	3,655	9.3
NOVEMBER	2,897	7.6
DECEMBER	3,041	7.7

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

**TABLE 74  
MARRIAGES BY RACE OF BRIDE AND GROOM  
ALABAMA, 2008**

<b>RACE OF GROOM</b>	<b>RACE OF BRIDE</b>				
	<b>TOTAL</b>	<b>WHITE</b>	<b>BLACK</b>	<b>OTHER</b>	<b>NOT STATED</b>
<b>TOTAL</b>	40,638	31,310	8,598	636	94
WHITE	30,821	30,143	277	355	46
BLACK	9,215	856	8,259	73	27
OTHER	524	270	46	206	2
NOT STATED	78	41	16	2	19

**TABLE 75  
MARRIAGES BY PREVIOUS MARITAL STATUS  
ALABAMA, 2008**

<b>GROOM</b>	<b>BRIDE</b>				
	<b>TOTAL</b>	<b>NEVER</b>	<b>WIDOWED</b>	<b>DIVORCED</b>	<b>NOT STATED</b>
<b>TOTAL</b>	40,638	23,072	1,399	15,864	303
NEVER MARRIED	23,263	18,774	174	4,218	97
WIDOWED	1,066	121	388	553	4
DIVORCED	16,059	4,112	832	11,050	65
NOT STATED	250	65	5	43	137

**TABLE 76**  
**MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM**  
**ALABAMA, 2008**

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>	40,638	1	3,494	10,698	8,416	5,020	4,013	3,020	2,418	1,515	850	569	314	167	135	8
UNDER 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1,413	1	1,033	312	49	13	1	1	2	1	0	0	0	0	0	0
20-24	8,799	0	1,962	5,431	1,075	217	89	16	6	0	0	0	0	0	0	3
25-29	9,113	0	383	3,599	3,805	921	285	84	28	6	2	0	0	0	0	0
30-34	5,846	0	77	923	2,147	1,712	671	228	64	15	4	0	1	0	0	4
35-39	4,353	0	24	265	880	1,228	1,230	495	185	33	8	2	3	0	0	0
40-44	3,202	0	4	101	261	562	905	829	377	122	34	6	1	0	0	0
45-49	2,601	0	3	36	117	227	495	701	709	227	62	18	4	1	1	0
50-54	1,986	0	5	16	52	80	211	384	566	482	133	41	7	4	5	0
55-59	1,337	0	0	4	20	43	81	174	285	335	273	97	20	3	2	0
60-64	880	0	1	6	8	13	31	76	131	177	213	169	43	7	5	0
65-69	476	0	1	3	1	2	8	17	37	68	67	132	100	28	12	0
70-74	285	0	0	1	0	2	3	8	17	28	30	55	69	55	17	0
75+	341	0	0	0	0	0	3	7	11	20	24	49	65	69	93	0
<b>NOT STATED</b>	6	0	1	1	1	0	0	0	0	1	0	0	1	0	0	1



**TABLE 77**  
**DIVORCES AND DIVORCE RATES<sup>1</sup>**  
**ALABAMA AND UNITED STATES<sup>2</sup>, 1945-2008**

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	3.6

<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, 2008**

COUNTY	DIVORCES	RATE
<b>TOTAL</b>	20,311	4.4
Autauga	221	4.4
Baldwin	777	4.5
Barbour	88	3.0
Bibb	39	1.8
Blount	210	3.7
Bullock	8	0.7
Butler	78	3.9
Calhoun	524	4.6
Chambers	172	5.0
Cherokee	140	5.7
Chilton	239	5.6
Choctaw	48	3.4
Clarke	21	0.8
Clay	60	4.3
Cleburne	80	5.4
Coffee	256	5.4
Colbert	300	5.5
Conecuh	43	3.3
Coosa	25	2.3
Covington	232	6.3
Crenshaw	81	5.9
Cullman	448	5.5
Dale	538	11.1
Dallas	188	4.4
Dekalb	241	3.5
Elmore	372	4.8
Escambia	24	0.6
Etowah	544	5.3
Fayette	74	4.2
Franklin	220	7.1
Geneva	126	4.9
Greene	9	1.0
Hale	29	1.6
Henry	48	2.9
Houston	661	6.7
Jackson	229	4.3
Jefferson	2,834	4.3
Lamar	89	6.2
Lauderdale	452	5.1
Lawrence	188	5.5
Lee	463	3.5
Limestone	194	2.5
Lowndes	44	3.5
Macon	37	1.7
Madison	1,253	3.9
Marengo	82	3.9
Marion	88	3.0
Marshall	507	5.7
Mobile	1,849	4.6
Monroe	116	5.1
Montgomery	935	4.2
Morgan	589	5.1
Perry	22	2.1
Pickens	54	2.8
Pike	122	4.0
Randolph	127	5.6
Russell	315	6.2
St. Clair	413	5.2
Shelby	451	2.4
Sumter	25	1.9
Talladega	735	9.2
Tallapoosa	171	4.2
Tuscaloosa	253	1.4
Walker	302	4.4
Washington	86	5.0
Wilcox	17	1.3
Winston	105	4.4

<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, 2008**

DURATION OF MARRIAGE (IN YEARS)	TOTAL	NUMBER OF MINOR CHILDREN									
		NONE	1	2	3	4	5	6	7	8	9+
<b>TOTAL</b>	20,311	11,583	4,101	3,125	903	170	39	6	0	2	380
UNDER 1	998	858	75	25	17	2	0	0	0	0	21
1-4	6,600	4,584	1,317	477	83	14	4	1	0	0	119
5-9	5,397	2,695	1,240	1,036	279	40	9	2	0	1	95
10-14	3,043	1,237	654	800	251	49	13	0	0	0	39
15-19	1,717	586	357	502	182	43	11	3	0	0	32
20-24	1,080	517	264	195	66	15	1	0	0	0	22
25-29	628	447	120	40	6	3	1	0	0	0	11
30-34	293	258	20	8	2	0	0	0	0	1	4
35-39	169	154	7	1	1	0	0	0	0	0	6
40+	126	120	5	0	0	0	0	0	0	0	1
NOT STATED	260	127	42	41	16	4	0	0	0	0	30

<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, 2008**

<b>PARTY TO WHOM DIVORCE GRANTED</b>	<b>TOTAL</b>	<b>DIVORCES</b>	<b>ANNULMENTS</b>
<b>TOTAL</b>	20,311	20,248	63
HUSBAND	2,399	2,391	8
WIFE	3,739	3,723	16
HUSBAND AND WIFE	14,008	13,969	39
NOT STATED	165	165	0

**TABLE 81  
DIVORCES BY RACE OF HUSBAND AND WIFE  
ALABAMA, 2008**

<b>RACE OF HUSBAND</b>	<b>TOTAL</b>	<b>RACE OF WIFE</b>	
		<b>WHITE</b>	<b>BLACK AND OTHER</b>
<b>TOTAL</b>	20,311	16,047	4,264
WHITE	15,891	15,650	241
BLACK AND OTHER	4,420	397	4,023

**TABLE 82  
DIVORCES AND ANNULMENTS  
BY LEGAL GROUNDS FOR DECREE  
ALABAMA, 2008**

<b>LEGAL GROUNDS</b>	<b>TOTAL</b>	<b>DIVORCES</b>	<b>ANNULMENTS</b>
<b>TOTAL</b>	20,311	20,248	63
ABANDONMENT	31	31	0
ADULTERY	91	89	2
BIGAMY	4	1	3
CRUELTY OR VIOLENCE	49	49	0
FRAUD	10	7	3
INCOMPATIBILITY	18,965	18,924	41
IRRETRIEVABLE BREAKDOWN	623	623	0
ALL OTHER CAUSES	138	128	10
NOT STATED	400	396	4

**TABLE 83  
DIVORCES BY AGE OF HUSBAND AND WIFE  
ALABAMA, 2008**

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>	158	1,947	3,332	3,282	3,368	2,699	2,155	1,386	788	388	181	78	54	495
<b>UNDER 20</b>	49	19	2	0	0	0	0	0	0	0	0	0	0	0
20-24	100	827	175	34	12	2	4	1	0	0	0	0	0	25
25-29	22	818	1,533	300	94	27	7	4	0	0	0	0	0	47
30-34	4	173	1,087	1,342	405	104	32	9	3	0	0	0	0	49
35-39	4	62	327	1,027	1,354	388	113	29	11	2	1	0	1	45
40-44	0	19	104	348	887	968	303	101	30	6	4	2	0	61
45-49	0	9	42	114	376	737	836	236	65	24	4	0	0	55
50-54	0	3	16	48	141	274	538	508	143	38	8	1	0	38
55-59	0	2	6	20	41	109	200	322	285	86	10	4	1	26
60-64	0	1	3	5	22	43	66	98	156	110	29	8	2	16
65-69	0	0	1	4	8	15	17	39	66	83	71	8	3	11
70-74	0	0	0	0	2	2	9	13	11	23	33	21	5	2
75+	0	1	0	1	1	3	3	6	11	11	18	32	40	9
<b>NOT STATED</b>	0	13	36	39	25	27	27	20	7	5	3	2	2	111

**TABLE 84**  
**ESTIMATED POPULATION BY COUNTY, RACE AND SEX <sup>1</sup>**  
**ALABAMA, 2008**

TOTAL	WHITE		BLACK & OTHER		TOTAL		TOTAL		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	WHITE	BLACK & OTHER	
<b>TOTAL</b>	<b>4,661,900</b>	<b>1,626,475</b>	<b>1,684,741</b>	<b>631,612</b>	<b>719,072</b>	<b>2,258,087</b>	<b>2,403,813</b>	<b>3,311,216</b>	<b>1,350,684</b>
Autauga	50,364	19,718	20,438	4,719	5,489	24,437	25,927	40,156	10,208
Baldwin	174,439	75,039	78,174	10,289	10,937	85,328	89,111	153,213	21,226
Barbour	29,309	8,119	6,983	7,339	6,868	15,458	13,851	15,102	14,207
Bibb	21,629	8,373	8,253	2,854	2,149	11,227	10,402	16,626	5,003
Blount	57,441	27,524	27,770	1,035	1,112	28,559	28,882	55,294	2,147
Bullock	10,796	1,928	1,216	4,019	3,633	5,947	4,849	3,144	7,652
Butler	20,090	5,481	5,956	3,983	4,670	9,464	10,626	11,437	8,653
Calhoun	113,419	42,819	45,502	11,529	13,569	54,348	59,071	88,321	25,098
Chambers	34,424	10,220	10,753	6,150	7,301	16,370	18,054	20,973	13,451
Cherokee	24,545	11,102	11,747	819	877	11,921	12,624	22,849	1,696
Chilton	42,444	18,397	18,734	2,544	2,769	20,941	21,503	37,131	5,313
Choctaw	14,055	3,802	4,016	2,813	3,424	6,615	7,440	7,818	6,237
Clarke	26,304	6,997	7,512	5,443	6,352	12,440	13,864	14,509	11,795
Clay	13,809	5,642	5,815	1,113	1,239	6,755	7,054	11,457	2,352
Cleburne	14,799	7,060	6,918	387	434	7,447	7,352	13,978	821
Coffee	47,753	18,358	18,921	4,932	5,542	23,290	24,463	37,279	10,474
Colbert	54,663	21,636	23,086	4,556	5,385	26,192	28,471	44,722	9,941
Conecuh	13,066	3,571	3,702	2,581	3,212	6,152	6,914	7,273	5,793
Coosa	10,814	3,717	3,580	1,675	1,842	5,392	5,422	7,297	3,517
Covington	36,856	15,113	16,279	2,484	2,980	17,597	19,259	31,392	5,464
Crenshaw	13,754	4,854	5,196	1,659	2,045	6,513	7,241	10,050	3,704
Cullman	81,324	38,877	39,727	1,410	1,310	40,287	41,037	78,604	2,720
Dale	48,292	18,113	18,193	5,526	6,460	23,639	24,653	36,306	11,986
Dallas	42,867	6,426	7,014	13,110	16,317	19,536	23,331	13,440	29,427
DeKalb	68,515	32,316	33,155	1,473	1,571	33,789	34,726	65,471	3,044
Elmore	78,106	29,464	29,799	10,035	8,808	39,499	38,607	59,263	18,843
Escambia	37,490	11,848	11,803	7,260	6,579	19,108	18,382	23,651	13,839
Etowah	103,303	41,726	44,380	7,856	9,341	49,582	53,721	86,106	17,197
Fayette	17,691	7,515	7,774	1,091	1,311	8,606	9,085	15,289	2,402
Franklin	30,801	14,423	14,465	893	1,020	15,316	15,485	28,888	1,913
Geneva	25,882	11,087	11,573	1,496	1,726	12,583	13,299	22,660	3,222
Greene	9,172	957	955	3,304	3,956	4,261	4,911	1,912	7,260
Hale	18,145	3,866	3,628	5,273	5,378	9,139	9,006	7,494	10,651
Henry	16,591	5,563	5,794	2,346	2,888	7,909	8,682	11,357	5,234
Houston	98,488	34,203	36,728	12,691	14,866	46,894	51,594	70,931	27,557
Jackson	53,134	23,833	25,011	2,062	2,228	25,895	27,239	48,844	4,290
Jefferson	659,503	180,026	191,094	132,335	156,048	312,361	347,142	371,120	288,383
Lamar	14,295	6,132	6,348	812	1,003	6,944	7,351	12,480	1,815
Lauderdale	89,128	37,803	40,840	4,788	5,697	42,591	46,537	78,643	10,485
Lawrence	34,166	13,298	13,599	3,466	3,803	16,764	17,402	26,897	7,269
Lee	133,010	49,468	48,653	16,399	18,490	65,867	67,143	98,121	34,889
Limestone	76,135	32,156	32,099	6,342	5,538	38,498	37,637	64,255	11,880
Lowndes	12,644	1,834	1,899	4,027	4,884	5,861	6,783	3,733	8,911
Macon	22,290	1,784	1,728	8,452	10,326	10,236	12,054	3,512	18,778
Madison	319,510	112,586	114,533	43,770	48,621	156,356	163,154	227,119	92,391
Marengo	21,055	4,965	5,079	4,942	6,069	9,907	11,148	10,044	11,011
Marion	29,465	13,696	14,141	935	693	14,631	14,834	27,837	1,628
Marshall	88,484	41,465	43,230	1,845	1,944	43,310	45,174	84,695	3,789
Mobile	406,309	122,775	128,732	71,611	83,191	194,386	211,923	251,507	154,802
Monroe	22,553	6,288	6,563	4,499	5,203	10,787	11,766	12,851	9,702
Montgomery	224,810	47,737	50,066	59,360	67,647	107,097	117,713	97,803	127,007
Morgan	115,959	48,989	50,136	8,094	8,740	57,083	58,876	99,125	16,834
Perry	10,643	1,593	1,724	3,255	4,071	4,848	5,795	3,317	7,326
Pickens	19,524	5,399	5,601	3,798	4,726	9,197	10,327	11,000	8,524
Pike	30,381	8,881	9,415	5,558	6,527	14,439	15,942	18,296	12,085
Randolph	22,620	8,387	8,943	2,496	2,794	10,883	11,737	17,330	5,290
Russell	50,504	13,697	14,532	10,165	12,110	23,862	26,642	28,229	22,275
St. Clair	79,837	35,392	35,674	4,702	4,069	40,094	39,743	71,066	8,771
Shelby	187,784	80,895	82,553	11,707	12,629	92,602	95,182	163,448	24,336
Sumter	13,266	1,727	1,843	4,286	5,410	6,013	7,253	3,570	9,696
Talladega	80,279	26,327	27,328	13,004	13,620	39,331	40,948	53,655	26,624
Tallapoosa	40,773	14,460	15,273	5,063	5,977	19,523	21,250	29,733	11,040
Tuscaloosa	179,448	59,661	60,381	27,259	32,147	86,920	92,528	120,042	59,406
Walker	68,970	30,594	32,797	2,645	2,934	33,239	35,731	63,391	5,579
Washington	17,204	5,574	5,657	2,808	3,165	8,382	8,822	11,231	5,973
Wilcox	12,803	1,684	1,813	4,175	5,131	5,859	6,944	3,497	9,306
Winston	23,974	11,515	11,917	265	277	11,780	12,194	23,432	542

<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, 2008**

AGE GROUP	TOTAL POPULATION	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
<b>TOTAL</b>	4,661,900	3,311,216	1,626,475	1,684,741	1,350,684	631,612	719,072
0-4	310,504	204,025	104,799	99,226	106,479	53,901	52,578
5-9	306,980	204,587	105,056	99,531	102,393	51,973	50,420
10-14	308,477	202,508	104,278	98,230	105,969	53,522	52,447
15-19	328,187	209,831	107,706	102,125	118,356	58,864	59,492
20-24	318,547	206,781	105,050	101,731	111,766	54,562	57,204
25-29	321,339	215,214	110,015	105,199	106,125	51,555	54,570
30-34	287,104	199,834	101,380	98,454	87,270	40,841	46,429
35-39	308,381	221,466	112,264	109,202	86,915	40,063	46,852
40-44	314,748	227,622	114,873	112,749	87,126	39,421	47,705
45-49	341,798	247,034	123,316	123,718	94,764	42,688	52,076
50-54	332,381	241,729	119,264	122,465	90,652	40,594	50,058
55-59	294,584	219,164	106,855	112,309	75,420	33,613	41,807
60-64	247,203	195,309	93,810	101,499	51,894	22,995	28,899
65-69	192,025	154,383	72,140	82,243	37,642	15,854	21,788
70-74	152,854	122,634	55,270	67,364	30,220	12,081	18,139
75-79	121,045	97,983	41,477	56,506	23,062	8,418	14,644
80-84	90,664	73,556	27,841	45,715	17,108	5,648	11,460
85+	85,079	67,556	21,081	46,475	17,523	5,019	12,504

<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 uterogestation. 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 2007, Georgia failed to send most of the events which occurred there for Alabama residents. We received births through August, no abortions, and only infant deaths.

## **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 accounted for, particularly for 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 uterogestation 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 *uterogestation* are used synonymously.

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

**INFANT DEATH** - Death of a liveborn infant under one year of age. The term excludes fetal death.

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

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

**LOW BIRTH WEIGHT** - A weight at birth of under 2,500 grams or under 5 pounds and 8 ounces.

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

**MATERNAL DEATH** - A death due to complications of pregnancy, labor, delivery, or puerperium (ICD 10 codes: O00-O99).

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

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

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

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

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

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

**TOTAL BIRTH ORDER** - An expression of the numeric relationship of the birth of a child to all deliveries to that mother regardless of the outcome of a pregnancy.

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

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

# APPENDIX B

Vital Statistics Formulas

Adequacy of Prenatal Care Utilization Index

Grams Conversion Table



## ALABAMA VITAL STATISTICS FORMULAS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

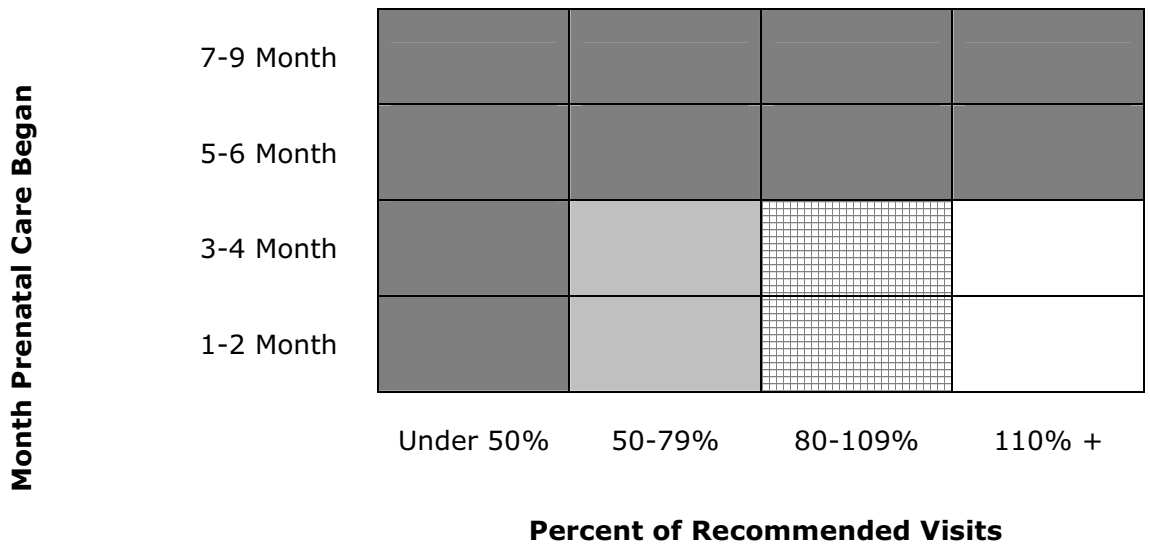
$$\text{MARRIAGE RATE} = \frac{\text{Number of Marriages}}{\text{Estimated Midyear Population}} \times 1,000$$





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

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



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

#Eligible to be a leading cause of death.

**LIST OF 113 SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	ICD 10 CODE
Suicide by Discharge of Firearms	X72-X74
Suicide by Other and Unspecified Means and Their Sequelae	X60-X71, X75-X84, Y87.0
Assault (Homicide) #	X85-Y09, Y87.1
Homicide by Discharge of Firearms	X93-X95
Homicide by Other and Unspecified Means and Their Sequelae	X85-X92, X96-Y09, Y87.1
Legal Intervention	Y35, Y89.0
Events of Undetermined Intent	Y10-Y34, Y87.2, Y89.9
Discharge of Firearms, Undetermined Intent	Y22-Y24
Other and Unspecified Events of Undetermined Intent and Their Sequelae	Y10-Y21, Y25-Y34, Y87.2, Y89.9
Operations of War and their Sequelae #	Y36, Y89.1
Complications of Medical and Surgical Care #	Y40-Y84, Y88

# Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Certain Infectious and parasitic diseases	A00-B99
Septicemia #	A40-A41
Viral diseases	A80-B34
Other and unspecified infectious and parasitic diseases	A00-A39, A42-A79, B35-B99
Malignant neoplasms #	C00-C97
In situ neoplasms, benign neoplasms and uncertain or unknown behavior#	D00-D48
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism #	D50-D89
Endocrine, nutritional and metabolic diseases	E00-E88
Volume depletion, disorders of fluid, electrolyte and acid-base balance #	E86-E87
Other endocrine, nutritional and metabolic diseases	E00-E85, E88
Diseases of the nervous system	G00-G98
Meningitis #	G00, G03
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) #	G12.0
Infantile cerebral palsy #	G80
Anoxic brain damage, not elsewhere classified #	G93.1
Other diseases of the nervous system	G01-G02, G04-G11, G12.1-G12.9, G13-G79, G81-G92, G93.0, G93.2-G93.9, G94-G98
Diseases of the circulatory system #	I00-I99
Pulmonary heart disease and diseases of pulmonary circulation	I26-I28
Cardiomyopathy	I42
Cardiac arrest	I46
Cerebrovascular diseases	I60-I69
Other diseases of the circulatory system	I00-I25, I29-I41, I43-I45, I47-I59, I70-I99

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Diseases of the respiratory system	J00-J98
Influenza and pneumonia #	J10-J18
Acute bronchitis and acute bronchiolitis #	J20-J21
Other and unspecified diseases of the respiratory system	J00-J09, J19, J22-J98
Diseases of the digestive system	K00-K92
Gastritis, duodenitis, and noninfective enteritis and colitis #	K29, K50-K55
Hernia of abdominal cavity and intestinal obstruction without hernia #	K40-K46, K56
Other and unspecified diseases of the digestive system	K00-K28, K30-K39, K57-K92
Diseases of the genitourinary system	N00-N98
Renal failure and other disorders of the kidney #	N17-N19, N25, N27
Other and unspecified diseases of the genitourinary system	N00-N16, N20-N24, N26, N28-N98
Certain conditions originating in the perinatal period	P00-P96
Newborn affected by maternal factors and complications of pregnancy, labor and delivery	P00-P04
Newborn affected by maternal hypertensive disorders #	P00.0
Newborn affected by other maternal conditions which may be unrelated to present pregnancy #	P00.1-P00.9
Newborn affected by maternal complications of pregnancy #	P01
Newborn affected by incompetent cervix	P01.0
Newborn affected by premature rupture of membranes	P01.1
Newborn affected by multiple pregnancy	P01.5
Newborn affected by other maternal complications of pregnancy	P01.2-P01.4, P01.6-P01.9
Newborn affected by complications of placenta, cord and membranes #	P02
Newborn affected by complications involving placenta	P02.0-P02.3

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Newborn affected by complications involving cord	P02.4-P02.6
Newborn affected by chorioamnionitis	P02.7
Newborn affected by other and unspecified abnormalities of membranes	P02.8-P02.9
Newborn affected by other complications of labor and delivery #	P03
Newborn affected by substance transmitted by placenta or breastmilk	P04
Disorders related to length of gestation and fetal malnutrition	P05-P08
Disorders related to short gestation and low birth weight, not elsewhere classified #	P07
Extremely low birth weight or extreme immaturity	P07.0, P07.2
Other low birth weight or preterm	P07.1, P07.3
Other disorders related to length of gestation and fetal malnutrition	P05-P06, P08
Birth trauma #	P10-P15
Intrauterine hypoxia and birth asphyxia #	P20-P21
Intrauterine hypoxia	P20
Birth asphyxia	P21
Respiratory distress of newborn #	P22
Other respiratory conditions originating in the perinatal period	P23-P28
Congenital pneumonia #	P23
Neonatal aspiration syndromes #	P24
Interstitial emphysema and related conditions originating in the perinatal period #	P25
Pulmonary hemorrhage originating in the perinatal period #	P26
Chronic respiratory disease originating in the perinatal period #	P27
Atelectasis #	P28.0-P28.1

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Other respiratory conditions originating in the perinatal period	P28.2-P28.9
Infections specific to the perinatal period	P35-P39
Bacterial sepsis of newborn #	P36
Other infections specific to the perinatal period	P35, P37- P39
Hemorrhagic and hematological disorders of newborn	P50-P61
Neonatal hemorrhage #	P50-P52, P54
Hematological disorders #	P60-P61
Other hemorrhagic and hematological disorders of newborn	P53,P55-P59
Necrotizing enterocolitis of newborn #	P77
Hydrops fetalis not due to hemolytic disease #	P83.2
Other perinatal conditions	P29, P70-P76, P78-P82, P83.0-P83.1, P83.3-P83.9, P84-P96
Congenital malformations, deformations and chromosomal abnormalities #	Q00-Q99
Anencephaly and similar malformations	Q00
Congenital hydrocephalus	Q03
Spina bifida	Q05
Other congenital malformations of the nervous system	Q01-Q02, Q04, Q06-Q07
Congenital malformations of the heart	Q20-Q24
Congenital malformations of the circulatory system	Q25-Q28
Congenital malformations of the respiratory system	Q30-Q34
Congenital malformations of the digestive system	Q35-Q45
Congenital malformations of the genitourinary system	Q50-Q64
Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85

#Eligible to be a leading cause of death.

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

CAUSE OF DEATH	ICD 10 CODE
Down's syndrome	Q90
Edward's syndrome	Q91.0-Q91.3
Patau's syndrome	Q91.4-Q91.7
Other congenital malformations, not elsewhere classified	Q10-Q18, Q86-Q89
Other chromosomal abnormalities, not elsewhere classified	Q92-Q99
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99
Sudden infant death syndrome #	R95
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99
All Other diseases (Residual) of A00-R99	A00-R99 not listed above
External causes of mortality	V01-Y89
Accidents #	V01-X59
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2
Accidental suffocation and strangulation in bed	W75
Other accidental suffocation and strangulation	W76-W77, W81-W84
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	W78-W80
Accidents caused by exposure to smoke, fire and flames	X00-X09
Other and unspecified accidents and their sequelae	Residual of V01-X59
Homicide (assault) #	X85-Y09, Y87.1
Neglect, abandonment and other maltreatment syndromes	Y06-Y07
Homicide by other and unspecified means	X85-Y05, Y08-Y09, Y87.1
Complications of medical and surgical care #	Y40-Y84, Y88
Other external causes	Y60-X84, Y10-Y36, Y87.0, Y87.2, Y89

#Eligible to be a leading cause of death.