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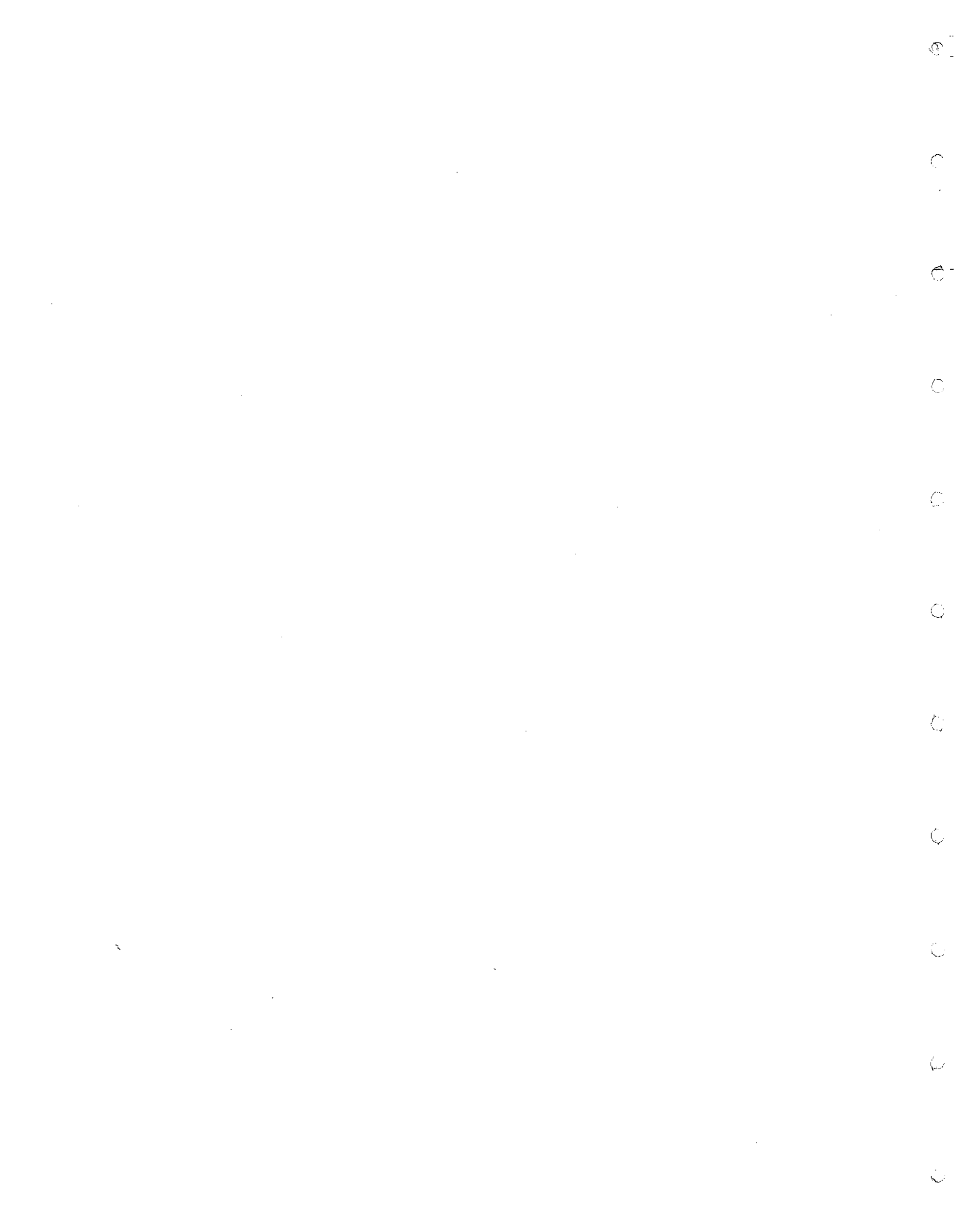


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INTRODUCTION

This Mortality Statistics publication is Volume II of four volumes of Alabama Vital Events. It replaces the previous "Mortality" section of the Alabama Vital Events publication produced annually from 1972-1993. In 1994, this publication was divided into four volumes: Volume I, Pregnancy Statistics; Volume II, Mortality Statistics; Volume III, Marriage and Divorce Statistics; and Volume IV, County Profiles. A subsection on cerebrovascular diseases was added to the mortality volume and the fetal death subsection was relocated to Volume I, Pregnancy Statistics.

Mortality data are valuable for analyzing health status among sub-populations such as counties, age groups, racial groups and gender. Sections relating specifically to diseases of the heart, malignant neoplasms (cancer), cerebrovascular diseases, accidents, suicide, homicide, infant mortality, and maternal mortality are included. Selected tables furnish historical data covering several decades.

Designed to provide information on the most frequently requested mortality topics, new information was added and several tables were deleted or combined to enhance the publication in 1996. A new table provides deaths and death rates by sex and selected causes of death. The infant mortality section was expanded to include infant deaths by plurality at birth, number of prenatal visits and adequacy of prenatal care.

Tables or graphs for the following information were omitted from the publication: type of certifying attendant, autopsies, infant death by birth weight and age at death, infant death by race of mother and year of school completed, and maternal mortality rates by county, race and age of mother. Race of infant was omitted for neonatal and postneonatal mortality, by county of residence and by cause of death, but is available in Volume IV, County Profiles.



1996 Mortality Highlights

- The total number of deaths in Alabama, 42,806, set a new record high. The death rate tied a pre-World War II rate of 10.4 set in 1940.
- The number and rate for white deaths were also record highs with 31,918 deaths and a 10.5 rate.
- There were 10,888 deaths to black and other race Alabamians in 1996. The death rate for black and others (10.0) has been relatively stable for the past 20 years.
- Shelby County continued as the county with the lowest death rate (5.8). Conecuh County had the highest death rate at 15.2.
- Heart disease remained the number one killer in 1996 with 13,466 deaths and a rate of 326.2. The number of white deaths due to heart disease (10,415) and the rate (342.9) were record highs.
- The heart disease death rate for black and other race Alabamians declined 4.6 percent and was the fourth lowest heart disease rate for this group since 1960.
- For almost all age groups, black and other race Alabamians had much higher age-specific death rates from heart disease than white Alabamians, with a rate five times higher for black and other race women aged 40-44 than to white women.
- Overall, cancer death rates were nearly double 1960 rates, with record highs in 1996 for both deaths and death rates.
- For Alabamians aged 65 and older, cancer death rates were approximately 100 percent higher for males than females. For all ages, death rates from cancer of the esophagus and of the bronchus and lung were particularly higher for males.
- Deaths from suicide declined for the second year in a row. Suicides to teenagers were the lowest since 1987 and decreased by 42 percent for teenage white males and by 40 percent for teenage black and other race males from 1995 to 1996.
- Alabama homicides (561) were the lowest since 1989.
- Motor vehicle deaths increased by 36 in 1996 while other accidental deaths decreased by 31. There were 1,208 traffic fatalities to Alabama residents in 1996.
- Deaths from human immunodeficiency virus (HIV) infection decreased 7 percent from 394 to 366 deaths in 1996. This was the second consecutive decrease after reaching a high of 398 in 1994.
- Deaths from Alzheimer's disease, the twelfth leading cause of death, increased by 15 in 1996. The 441 deaths and rate of 10.7 were the highest in three years of recording this disease.
- After a four year decline, the infant mortality rate increased to 10.5 in 1996. Infant deaths increased to 634 which was 42 more than the 1995 total of 592. The national provisional rate of 7.2 was a new record low.
- In 1996 white infant deaths increased by 49 causing a 1.1 increase in the white rate. The 8.2 rate and 331 deaths were the highest since 1990.
- Black and other race infant deaths (303) decreased for the second year in a row and the death rate of 14.9 dropped one-tenth of a point in 1996.
- Almost 27 percent of all infant deaths were to infants of teenage mothers while only 18 percent of all births were to teenage mothers.
- Congenital anomalies remained the leading cause of death among infants with 119 deaths in 1996. Disorders relating to short gestation and unspecified low birth weight was the second leading cause with 102 infant deaths.

FIGURE 1
DEATH RATES
ALABAMA AND UNITED STATES, 1940-1996

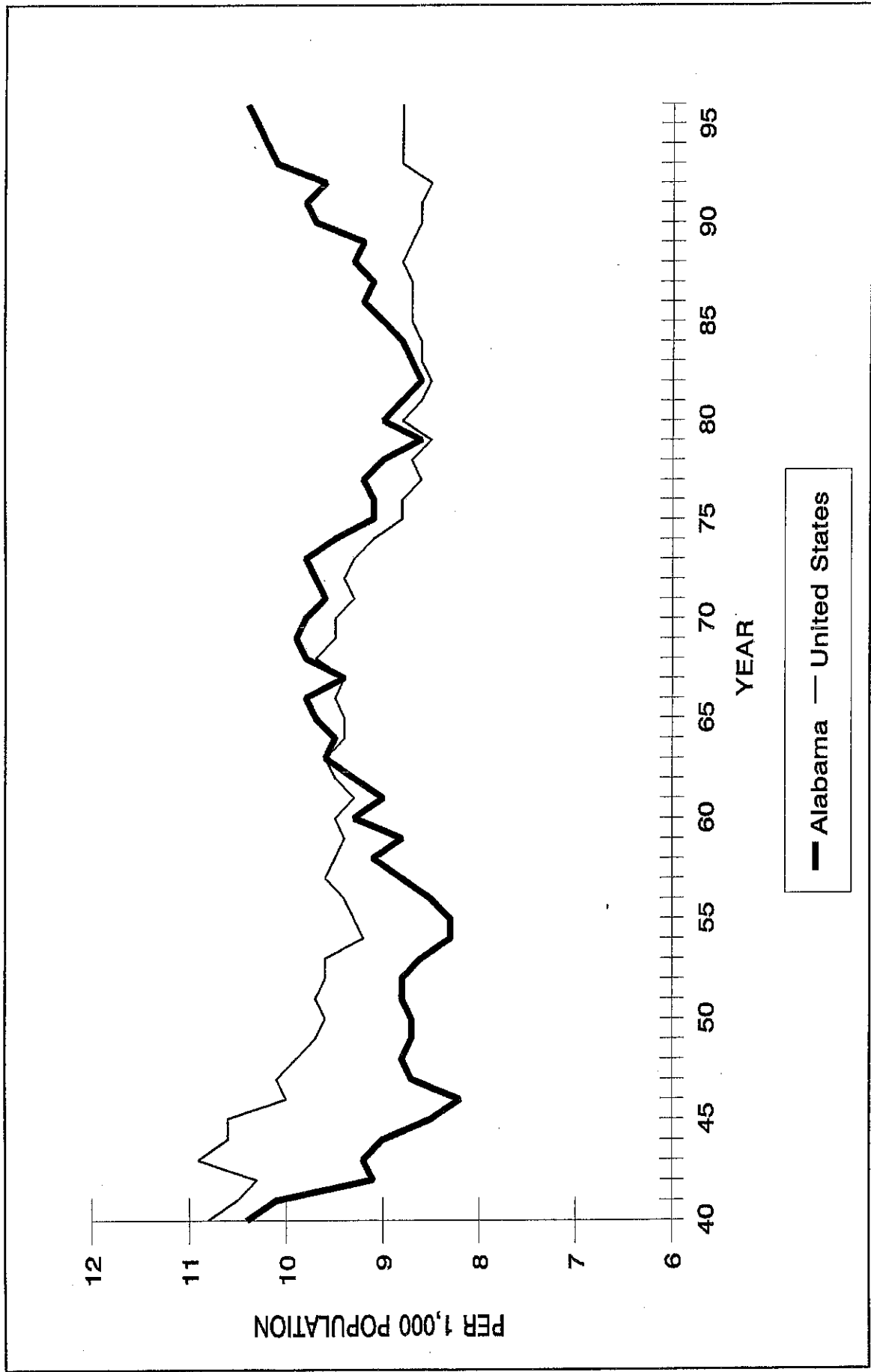


TABLE 1
DEATHS AND DEATH RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1996

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1940	29,588	10.4	10.8	15,701	8.5	10.4	13,887	14.1	13.8
1941	28,803	10.1	10.5	15,496	8.3	10.2	13,307	13.4	13.5
1942	26,291	9.1	10.3	14,242	7.5	10.1	12,049	12.1	12.7
1943	26,408	9.2	10.9	14,649	7.7	10.7	11,831	11.8	12.8
1944	26,065	9.0	10.6	14,613	7.7	10.4	11,452	11.5	12.4
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	31,916	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	8.8 ²	31,918	10.5	9.1 ²	10,888	10.0	7.1 ²

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

² Provisional data.

TABLE 2
AGE-ADJUSTED DEATH RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1950-1996

YEAR	ALABAMA			UNITED STATES		
	TOTAL	WHITE	BLACK & OTHER	TOTAL	WHITE	BLACK & OTHER
1950	9.1	7.7	12.5	8.4	8.0	12.3
1951	9.1	7.6	12.7	8.3	7.9	11.9
1952	8.9	7.4	12.4	8.2	7.8	11.7
1953	8.6	7.2	12.0	8.0	7.7	11.4
1954	8.1	6.9	11.2	7.6	7.3	10.6
1955	8.1	7.2	11.0	7.6	7.3	10.4
1956	8.1	7.2	10.6	7.6	7.3	10.5
1957	8.3	7.2	11.2	7.8	7.4	10.8
1958	8.4	7.2	11.6	7.6	7.3	10.6
1959	8.1	6.9	11.0	7.5	7.2	10.3
1960	8.4	7.2	11.4	7.6	7.3	10.5
1961	8.0	7.0	10.9	7.4	7.0	10.0
1962	8.2	7.1	11.1	7.5	7.1	10.2
1963	8.4	7.2	11.4	7.6	7.2	10.5
1964	8.2	7.2	10.9	7.4	7.1	10.2
1965	8.2	7.2	11.2	7.4	7.0	10.1
1966	8.2	7.2	11.1	7.4	7.1	10.2
1967	7.8	7.0	10.4	7.3	6.9	9.9
1968	8.1	7.2	10.8	7.4	7.1	10.5
1969	8.0	7.2	10.8	7.3	6.9	10.2
1970	7.9	7.1	10.4	7.1	6.8	9.8
1971	7.7	7.0	10.0	7.0	6.6	9.6
1972	7.7	7.0	10.0	7.0	6.6	9.6
1973	7.7	6.9	10.0	6.9	6.5	9.4
1974	7.4	6.8	9.4	6.6	6.3	8.9
1975	7.0	6.4	8.9	6.3	6.0	8.4
1976	6.9	6.3	9.0	6.2	5.9	8.2
1977	6.9	6.3	8.9	6.0	5.8	8.0
1978	6.6	6.1	8.5	6.0	5.7	7.8
1979	6.3	5.7	8.2	5.8	5.5	7.6
1980	6.5	5.9	8.5	5.9	5.6	7.7
1981	6.3	5.8	8.0	5.7	5.4	7.3
1982	6.1	5.6	7.6	5.6	5.3	7.0
1983	6.0	5.6	7.7	5.5	5.3	7.0
1984	6.1	5.6	7.7	5.5	5.2	7.0
1985	6.1	5.6	7.9	5.5	5.2	7.0
1986	6.0	5.6	7.7	5.4	5.2	6.9
1987	5.9	5.4	7.5	5.4	5.1	6.9
1988	6.0	5.4	7.8	5.4	5.1	6.9
1989	5.8	5.3	7.5	5.2	5.0	6.8
1990	5.9	5.3	7.8	5.2	4.9	6.9
1991	5.9	5.4	7.8	5.1	4.9	6.7
1992	5.7	5.2	7.7	5.0	4.8	6.6
1993	6.0	5.4	8.0	5.1	4.9	6.7
1994	5.9	5.3	7.9	5.1	4.8	6.6
1995	5.9	5.4	7.9	5.0	4.8	6.6
1996	5.9	5.4	7.8	4.9 ²	4.7 ²	— ³

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

² Provisional data.

³ Unavailable.

TABLE 3
RESIDENT DEATHS AND DEATH RATES¹
BY COUNTY AND RACE
ALABAMA, 1996

COUNTY	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	42,806	10.4	31,918	10.5	10,888	10.0
Autauga	346	9.7	274	9.6	71	10.4
Baldwin	1,145	10.4	1,016	10.6	129	9.2
Barbour	273	10.6	162	11.4	111	9.7
Bibb	198	11.6	164	12.0	34	9.8
Blount	432	10.6	426	10.6	6	8.4*
Bullock	134	12.0	40	14.5	94	11.2
Butler	294	13.6	204	16.1	90	10.1
Calhoun	1,258	11.0	1,043	11.4	215	9.2
Chambers	471	13.2	327	14.4	144	11.0
Cherokee	244	12.3	233	12.5	11	8.5
Chilton	396	11.8	362	12.2	34	8.8
Choctaw	176	11.3	96	11.2	80	11.5
Clarke	293	10.8	177	11.5	116	10.0
Clay	185	14.2	157	14.5	28	13.0
Cleburne	152	11.9	145	11.9	7	11.4*
Coffee	401	9.7	335	10.0	66	8.4
Colbert	566	11.3	471	11.4	95	11.1
Conecuh	202	15.2	123	16.5	79	13.6
Coosa	109	10.0	73	10.3	36	9.4
Covington	426	11.8	373	12.0	53	10.8
Crenshaw	168	12.6	133	13.5	35	10.0
Cullman	766	10.8	758	10.8	7	8.0*
Dale	392	7.8	321	8.1	71	6.8
Dallas	605	13.4	255	14.2	350	12.9
DeKalb	619	11.2	608	11.4	11	5.8
Elmore	540	10.3	444	10.9	96	8.1
Escambia	395	11.6	283	12.1	112	10.6
Etowah	1,239	12.7	1,079	13.1	160	10.8
Fayette	229	13.1	203	13.2	26	12.0
Franklin	389	14.2	377	14.5	12	8.8
Geneva	303	13.0	280	13.8	23	7.9
Greene	115	11.8	26	14.7	89	11.2
Hale	168	10.9	67	10.4	101	11.3
Henry	207	13.4	136	13.4	71	13.5
Houston	811	9.5	636	10.0	175	8.2
Jackson	547	11.9	523	12.3	24	6.8
Jefferson	7,131	11.1	4,451	11.1	2,680	11.3
Lamar	205	13.4	186	13.9	19	10.1
Lauderdale	863	11.0	772	10.9	91	11.3
Lawrence	341	10.4	283	11.5	58	7.1
Lee	656	7.1	460	6.7	196	8.3
Limestone	544	9.3	476	9.3	68	9.1
Lowndes	159	12.8	47	15.0	112	12.1
Macon	280	11.8	42	13.2	238	11.6
Madison	1,830	6.9	1,503	7.4	327	5.3
Marengo	267	12.1	124	11.2	143	13.0
Marion	353	12.0	340	12.0	13	10.9
Marshall	875	11.9	854	11.8	21	13.3
Mobile	3,758	9.8	2,499	9.7	1,259	9.9
Monroe	245	9.9	151	10.0	94	9.8
Montgomery	2,094	9.7	1,240	10.3	854	8.8
Morgan	926	8.7	823	8.8	103	8.6
Perry	158	13.7	58	15.5	100	12.9
Pickens	248	12.2	144	12.2	104	12.2
Pike	324	11.9	214	12.2	110	11.5
Randolph	264	13.3	206	13.6	58	12.5
Russell	605	13.1	363	12.8	242	13.6
St. Clair	541	9.9	490	9.8	51	10.3
Shelby	698	5.8	625	5.6	73	7.7
Sumter	166	10.6	49	11.2	117	10.4
Talladega	861	11.6	640	12.6	221	9.5
Tallapoosa	465	11.9	368	12.8	97	9.4
Tuscaloosa	1,349	8.6	995	8.7	354	8.3
Walker	818	12.2	763	12.2	55	12.4
Washington	192	11.5	139	12.8	53	9.1
Wilcox	167	13.0	53	13.4	114	12.9
Winston	231	10.5	230	10.5	1	6.9*

¹Rate is per 1,000 population. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers or which are based on small populations. Rates which apply to populations of less than 1,000 are denoted by an "*".

TABLE 4
RESIDENT DEATHS AND DEATH RATES¹
BY COUNTY AND SEX
ALABAMA, 1996

COUNTY	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	42,806	10.4	21,788	11.0	21,018	9.8
Autauga	345	9.7	174	10.1	171	9.3
Baldwin	1,145	10.4	613	11.5	532	9.4
Barbour	273	10.6	139	11.4	134	9.9
Bibb	198	11.6	97	11.5	101	11.6
Blount	432	10.6	207	10.5	225	10.7
Bullock	134	12.0	72	13.3	62	10.8
Butler	294	13.6	145	14.4	149	12.9
Calhoun	1,258	11.0	645	11.6	613	10.3
Chambers	471	13.2	229	13.6	242	12.8
Cherokee	244	12.3	131	13.4	113	11.2
Chilton	396	11.8	227	13.9	169	9.8
Choctaw	176	11.3	97	13.3	79	9.6
Clarke	293	10.8	147	11.4	146	10.3
Clay	185	14.2	92	14.9	93	13.6
Cleburne	152	11.9	87	13.7	65	10.1
Coffee	401	9.7	207	10.2	194	9.2
Colbert	566	11.3	283	11.8	283	10.9
Conecuh	202	15.2	116	18.5	86	12.3
Coosa	109	10.0	65	12.1	44	8.0
Covington	426	11.8	223	13.1	203	10.7
Crenshaw	168	12.6	81	12.9	87	12.4
Cullman	765	10.8	394	11.4	371	10.2
Dale	392	7.8	229	9.1	163	6.5
Dallas	605	13.4	297	14.6	308	12.5
DeKalb	619	11.2	332	12.4	287	10.0
Elmore	540	10.3	295	11.1	245	9.5
Escambia	395	11.6	211	12.7	184	10.6
Etowah	1,239	12.7	597	13.0	642	12.5
Fayette	229	13.1	120	14.4	109	11.9
Franklin	389	14.2	215	16.5	174	12.1
Geneva	303	13.0	162	14.5	141	11.7
Greene	115	11.8	56	12.7	59	11.1
Hale	168	10.9	86	12.1	82	9.9
Henry	207	13.4	98	13.5	109	13.3
Houston	811	9.5	403	10.0	408	9.1
Jackson	547	11.9	273	12.4	274	11.5
Jefferson	7,131	11.1	3,488	11.7	3,643	10.7
Lamar	205	13.4	107	14.8	98	12.2
Lauderdale	863	11.0	412	11.0	451	10.9
Lawrence	341	10.4	173	10.8	168	10.1
Lee	656	7.1	335	7.4	321	6.9
Limestone	544	9.3	287	9.7	257	8.8
Lowndes	159	12.8	88	15.6	71	10.6
Macon	280	11.8	154	14.2	126	9.7
Madison	1,830	6.9	897	6.8	933	7.0
Marengo	267	12.1	125	12.0	142	12.1
Marion	353	12.0	203	14.0	150	10.0
Marshall	875	11.9	453	12.9	422	10.9
Mobile	3,758	9.8	1,908	10.5	1,850	9.1
Monroe	245	9.9	127	10.6	118	9.2
Montgomery	2,094	9.7	1,029	10.0	1,065	9.3
Morgan	926	8.7	491	9.5	435	8.0
Perry	158	13.7	74	13.9	84	13.6
Pickens	248	12.2	114	12.1	134	12.3
Pike	324	11.9	180	14.1	144	10.0
Randolph	264	13.3	135	14.0	129	12.7
Russell	605	13.1	301	13.6	304	12.6
St. Clair	541	9.9	308	11.2	233	8.5
Shelby	698	5.8	349	5.9	349	5.7
Sumter	166	10.6	89	12.5	77	9.1
Talladega	861	11.6	431	12.0	430	11.3
Tallapoosa	465	11.9	239	13.1	226	10.8
Tuscaloosa	1,349	8.6	719	9.5	630	7.7
Walker	818	12.2	436	13.6	382	11.0
Washington	192	11.5	104	12.8	88	10.3
Wilcox	167	13.0	73	12.5	94	13.5
Winston	231	10.5	114	10.6	117	10.3

¹ Rate is per 1,000 population. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers or which are based on small populations. Rates which apply to populations of less than 1,000 are denoted by an "**".

**TABLE 5
DEATHS AND AGE-SPECIFIC DEATH RATES¹ BY COUNTY
ALABAMA, 1996**

COUNTY	TOTAL	DEATHS AND AGE-SPECIFIC DEATH RATES										AGE NOT STATED
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+	
TOTAL	42,806	634	127	169	775	1,069	1,902	2,958	4,890	9,172	21,110	—
	10.4	10.4	0.5	0.3	1.3	1.9	3.0	5.8	13.4	29.3	86.8	—
Autauga	345	10	—	3	8	9	10	20	47	89	149	—
	9.7	17.3*	—	0.5	1.5	2.0	1.7	4.6	14.8	41.5	96.9	—
Baldwin	1,145	10	1	6	19	29	46	55	123	269	587	—
	10.4	7.1	0.2	0.4	1.3	2.3	2.7	3.9	11.0	24.4	74.3	—
Barbour	273	2	1	1	2	8	7	19	27	66	140	—
	10.6	4.9*	0.6	0.2	0.5	2.5	1.9	6.1	13.2	33.6	83.6	—
Bibb	198	7	—	—	5	2	7	15	27	39	96	—
	11.6	27.5*	—	—	1.8	0.9	2.9	6.9	18.9	33.6	101.6*	—
Blount	432	4	2	1	8	14	22	21	39	88	233	—
	10.6	7.2*	0.9	0.2	1.4	2.5	3.6	3.9	9.6	28.7	99.0	—
Bullock	134	2	2	2	4	1	6	11	12	14	80	—
	12.0	9.9*	2.5*	1.0	2.4	0.7	3.9	9.8	14.7*	18.1*	90.6*	—
Butler	294	1	—	—	3	7	13	16	27	63	164	—
	13.6	3.2*	—	—	0.9	3.0	4.2	6.6	14.9	35.4	89.6	—
Calhoun	1,258	20	4	4	18	37	42	92	137	292	612	—
	11.0	12.3	0.6	0.3	0.9	2.4	2.5	6.5	13.4	32.8	95.6	—
Chambers	471	4	1	4	7	15	19	35	53	70	263	—
	13.2	7.2*	0.4	0.8	1.4	3.4	3.9	8.1	16.3	23.3	89.6	—
Cherokee	244	2	1	1	6	3	4	16	32	64	115	—
	12.3	8.8*	1.1*	0.4	2.1	1.2	1.4	5.9	14.3	33.9	87.2	—
Chilton	396	3	1	1	9	9	13	23	52	87	198	—
	11.8	6.5*	0.5	0.2	1.8	2.1	2.6	5.4	15.9	33.5	91.1	—
Choctaw	176	5	1	—	6	3	12	11	20	31	87	—
	11.3	22.2*	1.1*	—	2.5	1.7	5.5	5.6	13.5	25.1	86.8	—
Clarke	293	3	1	3	4	14	15	20	36	50	147	—
	10.8	6.6*	0.6	0.7	0.9	4.2	4.0	6.3	14.4	26.2	88.7	—
Clay	185	2	1	1	5	8	3	5	13	38	109	—
	14.2	12.6*	1.6*	0.6	2.7	5.0	1.7	3.0	9.7	33.1	88.7	—
Cleburne	152	1	1	1	7	5	7	11	13	35	71	—
	11.9	5.8*	1.4*	0.6	3.8	2.8	3.8	6.5	10.5	34.8	92.8*	—
Coffee	401	10	1	3	4	8	16	29	47	92	191	—
	9.7	16.8*	0.4	0.6	0.7	1.4	2.6	5.4	11.9	28.8	73.2	—
Colbert	566	3	2	1	8	14	15	50	58	135	280	—
	11.3	4.4*	0.7	0.1	1.2	2.2	2.1	7.6	11.0	29.3	84.1	—
Conecuh	202	4	—	3	3	7	11	11	21	40	102	—
	15.2	17.1*	—	1.5	1.6	5.1	6.1	7.1	17.9	31.7	99.1	—
Coosa	109	4	—	—	2	1	6	5	20	22	49	—
	10.0	25.0*	—	—	1.3	0.7	3.8	3.8	18.6	23.6*	76.9*	—
Covington	426	4	1	—	6	6	16	35	49	90	219	—
	11.8	8.0*	0.5	—	1.2	1.4	3.1	7.9	13.5	27.5	77.5	—
Crenshaw	168	3	1	—	4	4	7	11	18	31	89	—
	12.6	16.7*	1.4*	—	2.1	2.7	3.9	6.7	14.6	24.1	77.6	—
Cullman	765	10	4	3	9	11	27	48	86	168	399	—
	10.8	11.0*	1.1	0.3	0.9	1.2	2.6	5.2	12.5	27.9	83.1	—
Dale	392	9	2	—	8	10	18	33	52	82	178	—
	7.8	11.9*	0.7	—	1.0	1.1	2.5	6.2	13.6	27.0	83.2	—
Dallas	605	8	2	3	17	18	37	46	63	131	280	—
	13.4	9.4*	0.6	0.4	2.3	3.8	6.2	9.5	16.7	37.5	98.6	—
DeKalb	619	8	—	4	8	14	23	40	58	141	323	—
	11.2	10.4*	—	0.5	1.0	1.9	2.8	5.5	10.8	30.9	87.3	—
Elmore	540	7	3	3	6	16	31	37	81	104	252	—
	10.3	8.9*	1.0	0.4	0.8	2.1	3.7	5.6	17.2	30.2	96.3	—
Escambia	395	4	2	3	8	11	15	22	46	92	192	—
	11.6	7.9*	1.0	0.6	1.6	2.6	3.1	5.3	13.9	33.7	86.5	—
Etowah	1,239	14	1	4	11	17	43	61	147	295	646	—
	12.7	11.1	0.2	0.3	0.8	1.4	3.0	4.8	15.3	32.1	89.7	—
Fayette	229	2	—	1	6	6	4	19	22	43	126	—
	13.1	8.5*	—	0.4	2.3	2.9	1.6	8.5	12.8	29.4	90.8	—
Franklin	389	1	1	—	3	8	13	24	52	97	190	—
	14.2	2.7*	0.7	—	0.8	2.3	3.4	6.9	18.0	39.2	94.8	—
Geneva	303	1	1	1	4	3	11	16	38	70	158	—
	13.0	3.2*	0.8	0.3	1.3	1.1	3.4	5.4	15.5	32.3	82.9	—
Greene	115	1	—	—	1	7	6	8	9	27	66	—
	11.8	5.2*	—	—	0.7	7.5*	4.4	8.4*	11.3*	36.0*	76.1*	—
Hale	168	7	—	2	2	2	5	9	24	37	80	—
	10.9	26.1*	—	0.8	0.8	1.3	2.2	5.7	19.7	29.8	68.8	—
Henry	207	3	—	2	3	5	6	12	16	42	118	—
	13.4	14.1*	—	0.9	1.3	2.8	2.9	6.1	10.7	29.3	94.1	—

¹Rate is per 1,000 population in specific group. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers or which are based on small populations. Rates which apply to populations of less than 1,000 are denoted by an "*".

TABLE 5—continued
DEATHS AND AGE-SPECIFIC DEATH RATES¹ BY COUNTY
ALABAMA, 1996

COUNTY	TOTAL	DEATHS AND AGE-SPECIFIC DEATH RATES										AGE NOT STATED
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +	
Houston	811	13	5	4	19	16	38	53	87	190	386	—
Jackson	547	6	3	5	10	11	25	43	66	116	262	—
Jefferson	7,131	102	16	25	125	182	365	518	726	1,467	3,605	—
Lamar	205	—	—	—	—	5	6	12	34	38	110	—
Lauderdale	863	14	6	2	8	27	32	50	87	170	467	—
Lawrence	341	5	1	1	14	8	12	29	31	82	158	—
Lee	656	9	2	4	17	26	33	59	74	140	292	—
Limestone	544	6	3	4	8	21	27	44	62	108	261	—
Lowndes	159	1	—	1	7	6	8	9	17	38	72	—
Macon	280	8	—	1	3	7	16	19	20	59	147	—
Madison	1,830	26	8	7	38	46	101	170	260	396	778	—
Marengo	267	3	1	2	9	2	9	16	32	55	138	—
Marion	353	1	2	4	7	10	10	29	42	65	183	—
Marshall	875	8	5	2	16	22	30	56	108	187	441	—
Mobile	3,758	72	12	10	73	105	203	265	444	818	1,756	—
Monroe	245	—	—	—	4	7	12	15	31	45	131	—
Montgomery	2,094	45	3	11	44	55	99	147	234	421	1,035	—
Morgan	926	18	2	5	14	24	46	62	116	196	443	—
Perry	158	1	—	1	3	5	6	11	16	27	88	—
Pickens	248	4	—	2	3	3	13	10	28	45	140	—
Pike	324	4	2	2	7	9	18	12	38	61	171	—
Randolph	264	1	2	1	6	6	10	13	28	68	129	—
Russell	605	12	4	—	14	19	20	46	77	151	262	—
St. Clair	541	5	2	2	6	14	13	55	79	122	243	—
Shelby	698	18	3	2	13	15	26	57	86	141	337	—
Sumter	166	1	—	1	5	6	11	10	27	29	76	—
Talladega	861	17	2	1	12	12	36	72	111	192	406	—
Tallapoosa	465	7	—	1	13	9	16	20	50	93	256	—
Tuscaloosa	1,349	20	3	3	21	27	61	79	156	304	675	—
Walker	818	18	1	2	23	17	41	55	93	187	381	—
Washington	192	2	—	1	3	3	8	15	25	42	93	—
Wilcox	167	6	1	1	3	6	6	12	16	36	80	—
Winston	231	2	—	—	3	6	9	9	24	49	129	—
	10.5	6.9*	—	—	1.0	2.0	2.9	3.0	10.3	25.1	88.4	—

¹Rate is per 1,000 population in specific group. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers or which are based on small populations. Rates which apply to populations of less than 1,000 are denoted by an "*".

TABLE 6
DEATHS AND DEATH RATES¹
BY RACE AND SELECTED CAUSES OF DEATH
ALABAMA, 1996

CAUSE OF DEATH	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	42,806	10.4	31,918	10.5	10,888	10.0
Shigellosis and Amebiasis, 004, 006	—	—	—	—	—	—
Certain Other Intestinal Infections, 007-009	6	0.1	3	0.1	3	0.3
Tuberculosis, All Forms, 010-018	48	1.2	24	0.8	24	2.2
Tuberculosis of Respiratory System, 010-012	33	0.8	17	0.6	16	1.5
Whooping Cough, 033	—	—	—	—	—	—
Streptococcal Sore Throat, Scarlatina, and Erysipelas, 034-035	—	—	—	—	—	—
Meningococcal Infection, 036	8	0.2	6	0.2	2	0.2
Septicemia, 038	532	12.9	354	11.7	178	16.3
Human Immunodeficiency Virus Infection, 042-044	366	8.9	141	4.6	225	20.6
Acute Poliomyelitis, 045	—	—	—	—	—	—
Measles, 055	—	—	—	—	—	—
Viral Hepatitis, 070	63	1.5	52	1.7	11	1.0
Syphilis, 090-097	—	—	—	—	—	—
Other Infective and Parasitic Diseases, Remainder of 000-139	113	2.7	69	2.3	44	4.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	9,524	230.7	7,286	239.9	2,238	205.2
Lip, Oral Cavity and Pharynx, 140-149	149	3.6	95	3.1	54	5.0
Digestive Organs and Peritoneum, 150-159	2,040	49.4	1,479	48.7	561	51.4
Respiratory and Intrathoracic Organs, 160-165	2,867	69.5	2,338	77.0	529	48.5
Breast, 174-175	685	16.6	479	15.8	206	18.9
Genitourinary Organs, 179-189	1,381	33.5	973	32.0	408	37.4
Leukemia, 204-208	311	7.5	242	8.0	69	6.3
All Other Sites	2,091	50.7	1,680	55.3	411	37.7
Benign Neoplasms, Carcinoma in Situ and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	134	3.2	110	3.6	24	2.2
Diabetes Mellitus, 250	1,127	27.3	695	22.9	432	39.6
Nutritional Deficiencies, 260-269	75	1.8	56	1.8	19	1.7
Anemias, 280-285	91	2.2	59	1.9	32	2.9
Alcoholism, 303	104	2.5	48	1.6	56	5.1
Meningitis, 320-322	15	0.4	10	0.3	5	0.5
Alzheimer's Disease, 331.0	441	10.7	382	12.6	59	5.4
Major Cardiovascular Diseases, 390-448	17,259	418.1	13,112	431.8	4,147	380.2
Diseases of the Heart, 390-398, 402, 404-429	13,466	326.2	10,415	342.9	3,051	279.7
Rheumatic Fever and Rheumatic Heart Disease, 390-398	45	1.1	33	1.1	12	1.1
Hypertensive Heart Disease or Heart and Renal Disease, 402, 404	410	9.9	208	6.8	202	18.5
Ischemic Heart Disease, 410-414	6,662	161.4	5,350	176.2	1,312	120.3
All Other Diseases of the Heart	6,349	153.8	4,824	158.8	1,525	139.8
Hypertension With or Without Renal Disease, 401, 403	234	5.7	123	4.1	111	10.2
Cerebrovascular Diseases, 430-438	2,890	70.0	2,066	68.0	824	75.6
Atherosclerosis, 440	223	5.4	158	5.2	65	6.0
Other Diseases of Arteries, Arterioles and Capillaries, 441-448	446	10.8	350	11.5	96	8.8
Acute Bronchitis and Bronchiolitis, 466	9	0.2	8	0.3	1	0.1
Pneumonia, 480-486	1,341	32.5	1,057	34.8	284	26.0
Influenza, 487	8	0.2	5	0.2	3	0.3
Chronic Obstructive Pulmonary Diseases and Allied Conditions, 490-496	1,724	41.8	1,491	49.1	233	21.4
Bronchitis, 490-491	54	1.3	46	1.5	8	0.7
Emphysema, 492	226	5.5	211	6.9	15	1.4
Asthma, 493	82	2.0	52	1.7	30	2.8
Other Conditions, 494-496	1,362	33.0	1,182	38.9	180	16.5
Ulcer of Stomach and Duodenum, 531-533	70	1.7	59	1.9	11	1.0
Appendicitis, 540-543	6	0.1	4	0.1	2	0.2
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	131	3.2	96	3.2	35	3.2
Chronic Liver Disease and Cirrhosis, 571	405	9.8	313	10.3	92	8.4
Cholelithiasis and Other Disorders of Gallbladder, 574-575	61	1.5	51	1.7	10	0.9
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	636	15.4	386	12.7	250	22.9
Infections of Kidney, 590	27	0.7	23	0.8	4	0.4
Hyperplasia of Prostate, 600	5	0.1	3	0.1	2	0.2
Complications of Pregnancy, Childbirth and Puerperium, 630-676	7	0.2	2	0.1	5	0.5
Arthropathies and Related Disorders, 710-719	101	2.4	66	2.2	35	3.2
Rheumatism, 725-729	15	0.4	10	0.3	5	0.5
Congenital Anomalies, 740-759	218	5.3	158	5.2	60	5.5
Certain Conditions Originating in the Perinatal Period, 760-779	318	7.7	140	4.6	178	16.3
Symptoms, Signs and Ill-Defined Conditions, 780-799	1,115	27.0	730	24.0	385	35.3
Sudden Infant Death Syndrome, 798.0	71	1.7	47	1.5	24	2.2
Accidents and Adverse Effects, E800-E949	2,237	54.2	1,675	55.2	562	51.5
Motor Vehicle Accidents, E810-E825	1,208	29.3	914	30.1	294	27.0
All Other Accidents	1,029	24.9	761	25.1	268	24.6
Suicide, E950-E959	549	13.3	482	15.9	67	6.1
Homicide and Legal Intervention, E960-E978	561	13.6	191	6.3	370	33.9
All Other Causes, Residual	3,356	81.3	2,561	84.3	795	72.9

¹Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers.

TABLE 7
DEATHS AND DEATH RATES¹
BY SEX AND SELECTED CAUSE OF DEATH
ALABAMA, 1996

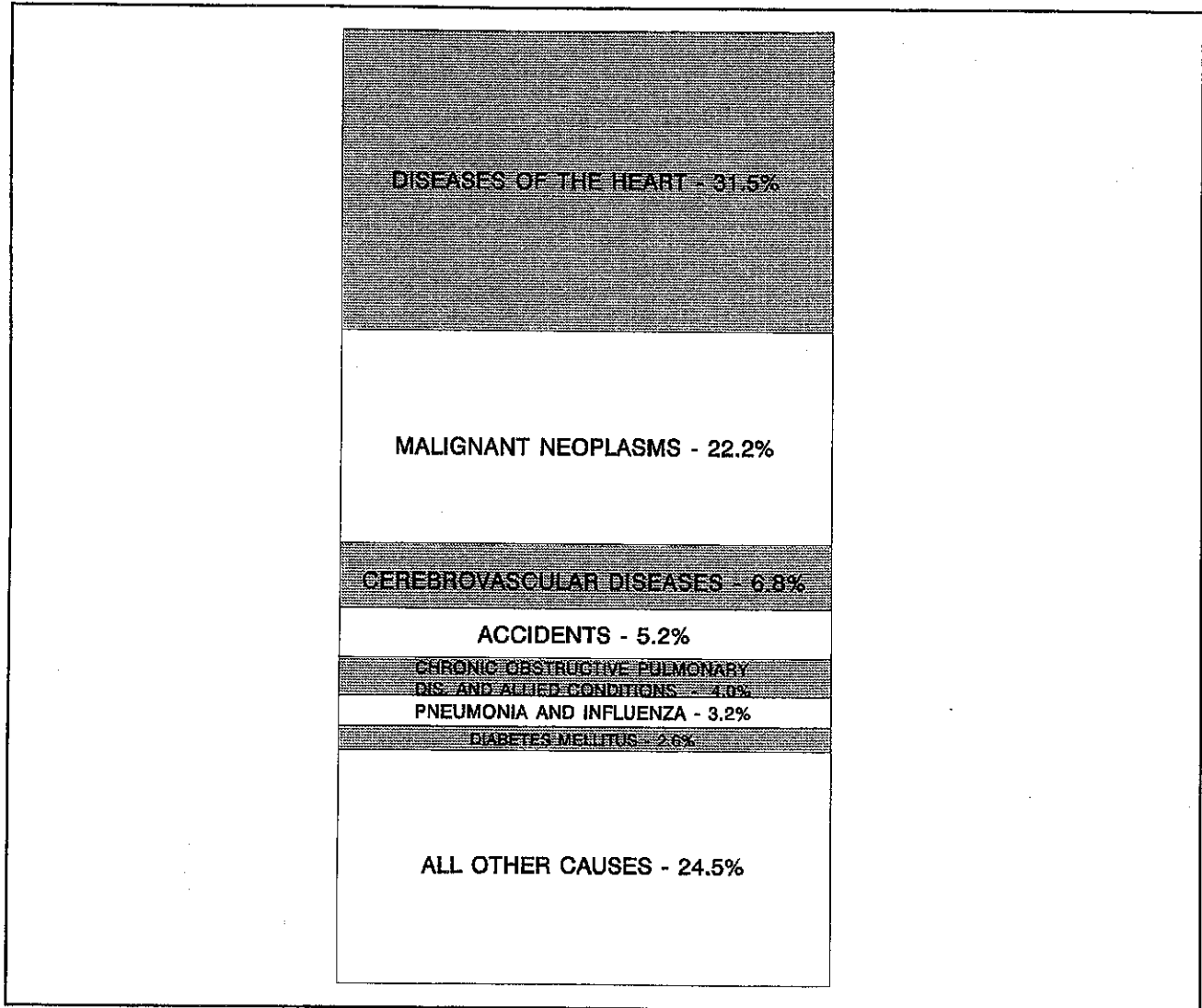
CAUSE OF DEATH	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	42,806	10.4	21,788	11.0	21,018	9.8
Shigellosis and Amebiasis, 004, 006	—	—	—	—	—	—
Certain Other Intestinal Infections, 007-009	6	0.1	3	0.2	3	0.1
Tuberculosis, All Forms, 010-018	48	1.2	29	1.5	19	0.9
Tuberculosis of Respiratory System, 010-012	33	0.8	23	1.2	10	0.5
Whooping Cough, 033	—	—	—	—	—	—
Streptococcal Sore Throat, Scarlatina, and Erysipelas, 034-035	—	—	—	—	—	—
Meningococcal Infection, 036	8	0.2	3	0.2	5	0.2
Septicemia, 038	532	12.9	230	11.6	302	14.0
Human Immunodeficiency Virus Infection, 042-044	366	8.9	298	15.1	68	3.2
Acute Poliomyelitis, 045	—	—	—	—	—	—
Measles, 055	—	—	—	—	—	—
Viral Hepatitis, 070	63	1.5	49	2.5	14	0.7
Syphilis, 090-097	—	—	—	—	—	—
Other Infective and Parasitic Diseases, Remainder of 000-139	113	2.7	60	3.0	53	2.5
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	9,524	230.7	5,187	262.3	4,337	201.7
Lip, Oral Cavity and Pharynx, 140-149	149	3.6	105	5.3	44	2.0
Digestive Organs and Peritoneum, 150-159	2,040	49.4	1,113	56.3	927	43.1
Respiratory and Intrathoracic Organs, 160-165	2,867	69.5	1,866	94.3	1,001	46.6
Breast, 174-175	685	16.6	2	0.1	683	31.8
Genitourinary Organs, 179-189	1,381	33.5	856	43.3	525	24.4
Leukemia, 204-208	311	7.5	171	8.6	140	6.5
All Other Sites	2,091	50.7	1,074	54.3	1,017	47.3
Benign Neoplasms, Carcinoma in Situ and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	134	3.2	53	2.7	81	3.8
Diabetes Mellitus, 250	1,127	27.3	426	21.5	701	32.6
Nutritional Deficiencies, 260-269	75	1.8	35	1.8	40	1.9
Anemias, 280-285	91	2.2	38	1.9	53	2.5
Alcoholism, 303	104	2.5	84	4.2	20	0.9
Meningitis, 320-322	15	0.4	6	0.3	9	0.4
Alzheimer's Disease, 331.0	441	10.7	124	6.3	317	14.7
Major Cardiovascular Diseases, 390-448	17,259	418.1	8,221	415.7	9,038	420.4
Disease of the Heart, 390-398, 402, 404-429	13,466	326.2	6,626	335.0	6,840	318.2
Rheumatic Fever and Rheumatic Heart Disease, 390-398	45	1.1	12	0.6	33	1.5
Hypertensive Heart Disease or Heart and Renal Disease, 402, 404	410	9.9	162	8.2	248	11.5
Ischemic Heart Disease, 410-414	6,662	161.4	3,599	182.0	3,063	142.5
All Other Diseases of the Heart	6,349	153.8	2,853	144.3	3,496	162.6
Hypertension With or Without Renal Disease, 401, 403	234	5.7	116	5.9	118	5.5
Cerebrovascular Diseases 430-438	2,890	70.0	1,129	57.1	1,761	81.9
Atherosclerosis, 440	223	5.4	105	5.3	118	5.5
Other Diseases of Arteries, Arterioles and Capillaries, 441-448	446	10.8	245	12.4	201	9.3
Acute Bronchitis and Bronchiolitis, 466	9	0.2	5	0.3	4	0.2
Pneumonia, 480-486	1,341	32.5	618	31.2	723	33.6
Influenza, 487	8	0.2	5	0.3	3	0.1
Chronic Obstructive Pulmonary Diseases and Allied Conditions, 490-496	1,724	41.8	994	50.3	730	34.0
Bronchitis, 490-491	54	1.3	30	1.5	24	1.1
Emphysema, 492	226	5.5	147	7.4	79	3.7
Asthma, 493	82	2.0	23	1.2	59	2.7
Other Conditions, 494-496	1,362	33.0	794	40.1	568	26.4
Ulcer of Stomach and Duodenum, 531-533	70	1.7	33	1.7	37	1.7
Appendicitis, 540-543	6	0.1	3	0.2	3	0.1
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	131	3.2	52	2.6	79	3.7
Chronic Liver Disease and Cirrhosis, 571	405	9.8	253	12.8	152	7.1
Cholelithiasis and Other Disorders of Gallbladder, 574-575	61	1.5	26	1.3	35	1.6
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	636	15.4	275	13.9	361	16.8
Infections of Kidney, 590	27	0.7	4	0.2	23	1.1
Hyperplasia of Prostate, 600	5	0.1	5	0.3	—	—
Complications of Pregnancy, Childbirth and Puerperium, 630-676	7	0.2	—	—	7	0.3
Arthropathies and Related disorders, 710-719	101	2.4	22	1.1	79	3.7
Rheumatism, 725-729	15	0.4	6	0.3	9	0.4
Congenital Anomalies, 740-759	218	5.3	127	6.4	91	4.2
Certain Conditions Originating in the Perinatal Period, 760-779	318	7.7	180	9.1	138	6.4
Symptoms, Signs and Ill-Defined Conditions, 780-799	1,115	27.0	510	25.8	605	28.1
Sudden Infant Death Syndrome, 798.0	71	1.7	39	2.0	32	1.5
Accidents and Adverse Effects, E800-E949	2,237	54.2	1,501	75.9	736	34.2
Motor Vehicle Accidents, E810-E825	1,208	29.3	832	42.1	376	17.5
All Other Accidents	1,029	24.9	669	33.8	360	16.7
Suicide, E950-E959	549	13.3	427	21.6	122	5.7
Homicide and Legal Intervention, E960-E978	561	13.6	431	21.8	130	6.0
All Other causes, Residual	3,356	81.3	1,465	74.1	1,891	88.0

TABLE 8
LEADING CAUSES OF DEATH,
CRUDE AND AGE-ADJUSTED DEATH RATES¹ BY RACE AND SEX
ALABAMA, 1996

RANK	CAUSE OF DEATH	NUMBER	CRUDE RATE	AGE-ADJ. RATE	RANK	CAUSE OF DEATH	NUMBER	CRUDE RATE	AGE-ADJ. RATE
1	Diseases of the Heart	13,466	325.2	163.7	9	Nephritis, Neph. Syn. & Nephrosis	219	14.0	4.4
2	Malignant Neoplasms	9,524	230.7	141.4	10	Septicemia	197	12.6	4.8
3	Cerebrovascular Diseases	2,890	70.0	32.4	11	Chronic Liver Disease and Cirrhosis	120	7.7	4.6
4	Accidents	2,237	54.2	48.0	12	Suicide	112	7.2	6.6
5	Chronic Obst. Pul. Dis. & All. Cond.	1,724	41.8	21.6	13	Atherosclerosis	83	5.3	1.2
6	Pneumonia & Influenza	1,349	32.7	13.3	14	Hypertension	69	4.4	1.4
7	Diabetes Mellitus	1,127	27.3	15.2	15	Benign Neoplasms	68	4.4	1.9
8	Nephritis, Neph. Syn. & Nephrosis	636	15.4	7.1	—	All Other Causes	2,566	—	—
9	Homicide and Legal Intervention	661	13.6	14.4	RANK	TOTAL BLACK & OTHER	10,888	10.0	7.8
10	Suicide	649	13.3	12.4	1	Diseases of the Heart	3,051	279.7	202.3
11	Septicemia	532	12.9	6.6	2	Malignant Neoplasms	2,238	205.2	168.2
12	Alzheimer's Disease	441	10.7	3.6	3	Cerebrovascular Diseases	824	75.6	63.9
13	Chronic Liver Disease and Cirrhosis	405	9.8	7.5	4	Accidents	562	51.5	50.9
14	Human Immunodeficiency Virus Inf.	366	8.9	8.9	5	Diabetes Mellitus	432	39.6	31.8
15	Certain Cond. Orig. In the Peri. Period	318	7.7	8.0	6	Homicide and Legal Intervention	370	33.9	36.1
—	All Other Causes	6,681	161.9	—	7	Pneumonia & Influenza	287	26.3	15.5
RANK	TOTAL WHITE	31,918	10.5	5.4	8	Nephritis, Neph. Syn. & Nephrosis	250	22.9	15.1
1	Diseases of the Heart	10,415	342.9	153.7	9	Chronic Obst. Pul. Dis. & All. Cond.	233	21.4	15.2
2	Malignant Neoplasms	7,286	239.9	134.4	10	Human Immunodeficiency Virus Inf.	225	20.6	22.2
3	Cerebrovascular Diseases	2,066	68.0	26.9	11	Certain Cond. Orig. In the Peri. Period	178	16.3	12.6
4	Accidents	1,675	55.2	47.5	12	Septicemia	178	16.3	11.3
5	Chronic Obst. Pul. Dis. & All. Cond.	1,491	49.1	23.1	13	Hypertension	111	10.2	7.3
6	Pneumonia & Influenza	1,062	35.0	12.7	14	Chronic Liver Disease and Cirrhosis	92	8.4	8.5
7	Diabetes Mellitus	695	22.9	11.1	15	Suicide	67	6.1	6.3
8	Suicide	482	15.9	14.2	—	All Other Causes	1,790	—	—
9	Nephritis, Neph. Syn. & Nephrosis	386	12.7	5.1	RANK	TOTAL BLACK AND OTHER MALE	5,648	11.3	10.7
10	Alzheimer's Disease	382	12.6	3.9	1	Diseases of the Heart	1,434	286.5	264.5
11	Septicemia	354	11.7	5.3	2	Malignant Neoplasms	1,246	248.9	237.7
12	Chronic Liver Disease and Cirrhosis	313	10.3	7.1	3	Accidents	409	81.7	86.5
13	Homicide and Legal Intervention	191	6.3	6.4	4	Cerebrovascular Diseases	348	69.5	65.0
14	Atherosclerosis	158	5.2	1.9	5	Homicide and Legal Intervention	299	59.7	64.4
15	Congenital Anomalies	158	5.2	5.2	6	Human Immunodeficiency Virus Inf.	175	35.0	39.1
—	All Other Causes	4,804	—	—	7	Diabetes Mellitus	146	29.2	28.6
RANK	TOTAL WHITE MALE	16,140	10.9	7.0	8	Pneumonia & Influenza	144	28.8	23.4
1	Diseases of the Heart	5,192	351.5	210.2	9	Chronic Obst. Pul. Dis. & All. Cond.	140	28.0	24.2
2	Malignant Neoplasms	3,941	266.8	168.9	10	Nephritis, Neph. Syn. & Nephrosis	108	21.6	17.8
3	Accidents	1,092	73.9	67.7	11	Certain Cond. Orig. In the Peri. Period	93	18.6	13.0
4	Chronic Obst. Pul. Dis. & All. Cond.	854	57.8	32.7	12	Septicemia	73	14.6	13.9
5	Cerebrovascular Diseases	781	52.9	28.4	13	Hypertension	62	12.4	11.1
6	Pneumonia & Influenza	479	32.4	16.6	14	Chronic Liver Disease and Cirrhosis	60	12.0	13.6
7	Suicide	370	25.0	22.3	15	Suicide	57	11.4	11.8
8	Diabetes Mellitus	280	19.0	11.7	—	All Other Causes	854	—	—
9	Chronic Liver Disease and Cirrhosis	193	13.1	9.9	RANK	TOTAL BLACK AND OTHER FEMALE	5,240	8.9	5.7
10	Nephritis, Neph. Syn. & Nephrosis	167	11.3	6.1	1	Diseases of the Heart	1,617	274.0	159.8
11	Septicemia	157	10.6	6.0	2	Malignant Neoplasms	992	168.1	125.1
12	Homicide and Legal Intervention	132	8.9	8.9	3	Cerebrovascular Diseases	476	80.7	45.7
13	Human Immunodeficiency Virus Inf.	123	8.3	8.0	4	Diabetes Mellitus	286	48.5	33.8
14	Alzheimer's Disease	109	7.4	3.3	5	Accidents	153	25.9	22.8
15	Congenital Anomalies	95	6.4	6.3	6	Pneumonia & Influenza	143	24.2	10.5
—	All Other Causes	2,175	—	—	7	Nephritis, Neph. Syn. & Nephrosis	142	24.1	13.4
RANK	TOTAL WHITE FEMALE	15,778	10.1	4.1	8	Septicemia	105	17.8	9.2
1	Diseases of the Heart	5,223	334.9	108.1	9	Chronic Obst. Pul. Dis. & All. Cond.	93	15.8	9.6
2	Malignant Neoplasms	3,345	214.5	110.1	10	Certain Cond. Orig. In the Peri. Period	85	14.4	12.2
3	Cerebrovascular Diseases	1,285	82.4	25.9	11	Homicide and Legal Intervention	71	12.0	12.3
4	Chronic Obst. Pul. Dis. & All. Cond.	637	40.8	16.6	12	Human Immunodeficiency Virus Inf.	50	8.5	8.9
5	Accidents	583	37.4	28.2	13	Hypertension	49	8.3	4.7
6	Pneumonia & Influenza	583	37.4	10.0	14	Alzheimer's Disease	44	7.5	2.8
7	Diabetes Mellitus	415	26.6	10.4	15	Atherosclerosis	35	5.9	3.7
8	Alzheimer's Disease	273	17.5	4.3	—	All Other Causes	899	—	—

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

**FIGURE 3
PERCENTAGE DISTRIBUTION OF LEADING CAUSES OF DEATH
ALABAMA, 1996**



DISEASES OF THE HEART—Has been the leading cause of death in Alabama since 1926. The 1996 total of 13,466 increased by 125 deaths over 1995 and was the second highest number on record. It was surpassed only by the 1993 high of 13,549. While the national provisional rate of 276.6 was below the 300 mark for the eighth consecutive year, the Alabama rate, at 326.6, has not been below the 300 mark since the 1950's.

MALIGNANT NEOPLASMS—Has been the second leading cause of death in Alabama since 1966. In 1996 cancer deaths increased by 79 deaths after increasing by only 3 the year before. The 9,524 deaths and rate of 230.7 both set new record highs in 1996.

CEREBROVASCULAR DISEASES—Known to many as "stroke", remained the third leading cause of death for the 31st consecutive year. After reaching an all time low in 1994 this disease has increased in both number and rate for the last two years. The 2,890 deaths and rate of 70.0 were still far below the 1970 figures of 4,618 and 133.9. The national provisional rate for 1996 was 60.5.

ACCIDENTS—Has been the fourth leading cause of death in the state since 1949. Accidental deaths increased by five in 1996 to 2,237 deaths. Alabama's rate of 54.2 was well above the national provisional rate for 1996 of 35.4 per 100,000 population. The national rate has been below Alabama's rate since recording began. Motor vehicles caused 54 percent of all accidental deaths.

TABLE 9
LEADING CAUSES OF DEATH AND DEATH RATES¹
BY RACE AND AGE GROUP
ALABAMA, 1996

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
UNDER 1 YEAR	634	10.4	331	8.4	303	14.0
Congenital Anomalies	119	194.3	82	207.4	37	170.5
Disorders Relating to Short Gestation and Unspecified Low Birthweight	102	166.5	49	123.9	53	244.2
Sudden Infant Death Syndrome	71	115.9	47	118.9	24	110.6
Respiratory Distress Syndrome	46	75.1	20	50.6	26	119.8
Diseases of the Heart	28	45.7	15	37.9	13	59.9
1-4 YEARS	127	0.5	69	0.4	58	0.7
Accidents	40	16.3	24	15.2	16	18.4
Congenital Anomalies	16	6.5	10	6.3	6	6.9
Homicide and Legal Intervention	11	4.5	3	1.9	8	9.2
Diseases of the Heart	6	2.4	2	1.3	4	4.6
Malignant Neoplasms	5	2.0	1	0.6	4	4.6
5-14 YEARS	169	0.3	103	0.3	66	0.3
Accidents	75	12.9	46	11.8	29	15.1
Malignant Neoplasms	16	2.7	10	2.6	6	3.1
Congenital Anomalies	11	1.9	7	1.8	4	2.1
Homicide and Legal Intervention	11	1.9	5	1.3	6	3.1
Diseases of the Heart	8	1.4	5	1.3	3	1.6
15-19 YEARS	329	1.1	199	1.0	130	1.3
Accidents	179	59.8	135	68.7	44	42.9
Homicide and Legal Intervention	61	20.4	9	4.6	52	50.7
Suicide	28	9.4	22	11.2	6	5.8
Malignant Neoplasms	16	5.3	7	3.6	9	8.8
Diseases of the Heart	9	3.0	6	3.1	3	2.9
20-24 YEARS	446	1.4	267	1.3	179	1.9
Accidents	201	65.2	146	68.8	55	57.2
Homicide and Legal Intervention	90	29.2	26	12.2	64	66.6
Suicide	46	14.9	33	15.5	13	13.5
Malignant Neoplasms	20	6.5	15	7.1	5	5.2
Diseases of the Heart	18	5.8	12	5.7	6	6.2

¹Age-specific rate is per 1,000 population. Cause-specific rate is per 100,000 population. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers.

TABLE 9—continued
LEADING CAUSES OF DEATH AND DEATH RATES¹
BY RACE AND AGE GROUP
ALABAMA, 1996

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
25-34 YEARS	1,069	1.9	645	1.5	424	2.9
Accidents	353	61.2	253	58.5	100	69.4
Homicide and Legal Intervention	145	25.1	42	9.7	103	71.5
Human Immunodeficiency Virus Infection	114	19.8	46	10.6	68	47.2
Suicide	100	17.3	80	18.5	20	13.9
Diseases of the Heart	91	15.8	56	12.9	35	24.3
35-44 YEARS	1,902	3.0	1,139	2.5	763	4.7
Diseases of the Heart	343	54.7	210	45.2	133	81.8
Accidents	330	52.6	251	54.1	79	48.6
Malignant Neoplasms	310	49.5	194	41.8	116	71.3
Human Immunodeficiency Virus Infection	159	25.4	58	12.5	101	62.1
Suicide	118	18.8	106	22.8	12	7.4
45-64 YEARS	7,848	9.0	5,484	7.9	2,364	13.4
Malignant Neoplasms	2,520	289.1	1,890	271.8	630	357.4
Diseases of the Heart	2,284	262.0	1,628	234.1	656	372.2
Accidents	405	46.5	296	42.6	109	61.8
Cerebrovascular Diseases	367	42.1	199	28.6	168	95.3
Chronic Ob. Pulmonary Dis. & Allied Cond.	252	28.9	208	29.9	44	25.0
65-74 YEARS	9,172	29.3	7,039	27.8	2,133	35.7
Malignant Neoplasms	2,910	929.4	2,317	914.4	593	992.8
Diseases of the Heart	2,866	915.3	2,197	867.1	669	1,120.0
Cerebrovascular Diseases	532	169.9	366	144.4	166	277.9
Chronic Ob. Pulmonary Dis. & Allied Cond.	510	162.9	453	178.8	57	95.4
Diabetes Millitus	294	93.9	176	69.5	118	197.6
75+ YEARS	21,110	86.8	16,642	85.4	4,468	92.5
Diseases of the Heart	7,806	3,209.2	6,283	3,222.8	1,523	3,154.3
Malignant Neoplasms	3,645	1,498.5	2,796	1,434.2	849	1,758.3
Cerebrovascular Diseases	1,897	779.9	1,461	749.4	436	903.0
Pneumonia and Influenza	1,004	412.8	813	417.0	191	395.6
Chronic Ob. Pulmonary Dis. & Allied Cond.	936	384.8	813	417.0	123	254.7

¹Age-specific rate is per 1,000 population. Cause-specific rate is per 100,000 population. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers.

**TABLE 10
LEADING CAUSES OF DEATH
BY AGE GROUP
ALABAMA, 1996**

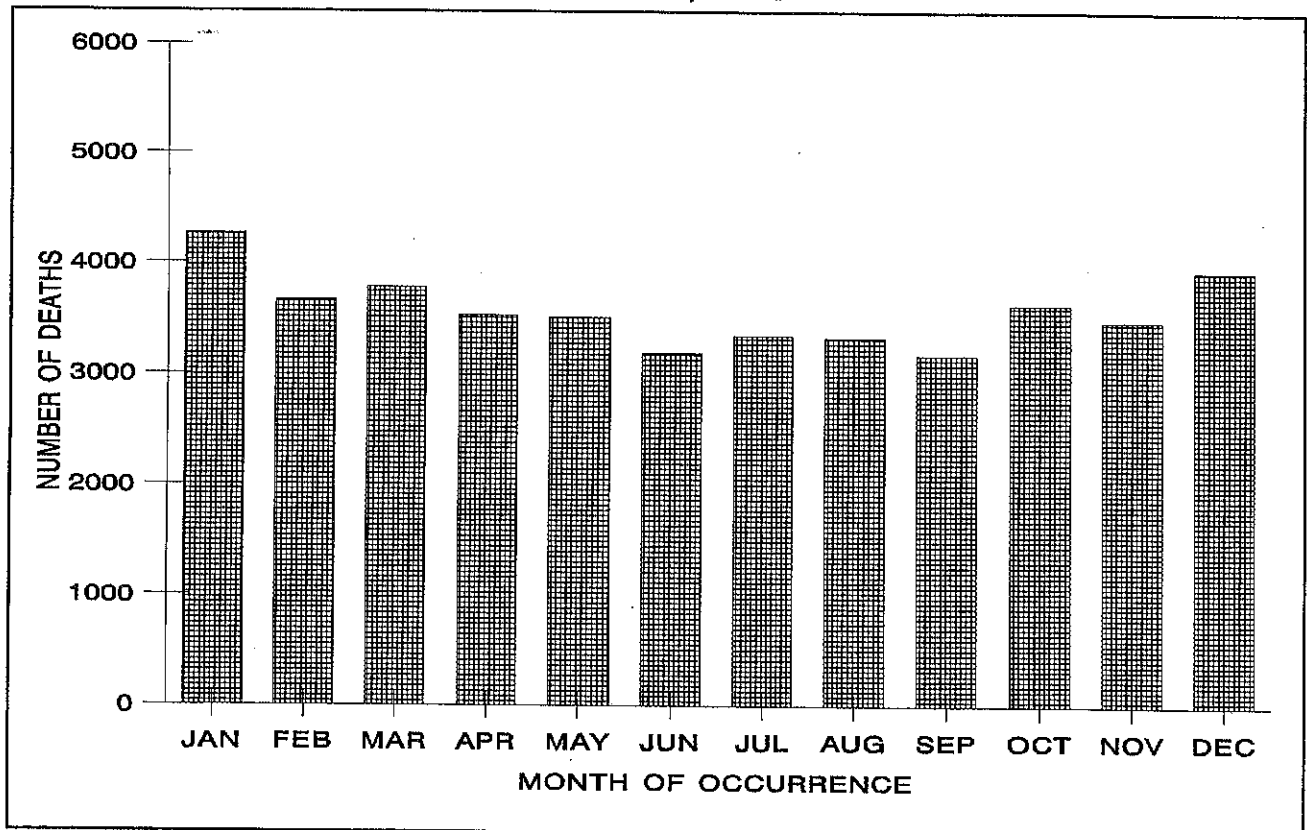
CAUSE OF DEATH	AGE GROUP													NOT STATED
	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+				
TOTAL	634	127	169	775	1,069	1,902	2,958	4,890	9,172	21,110				
Diseases of the Heart	28	6	8	34	91	343	793	1,491	2,866	7,806				
Malignant Neoplasms	1	5	16	29	88	310	839	1,681	2,910	3,645				
Cerebrovascular Diseases	—	—	3	2	21	68	148	219	532	1,897				
Accidents	20	40	75	380	353	330	233	172	212	422				
Chronic Obst. Pul. Dis. & All. Cond.	—	—	1	2	6	17	54	198	510	936				
Pneumonia & Influenza	2	5	2	9	10	24	32	73	188	1,004				
Diabetes Mellitus	—	—	1	3	6	32	73	168	294	550				
Nephritis, Neph. Syn. & Nephrosis	5	1	—	2	2	6	32	53	130	405				
Homicide and Legal Intervention	9	11	11	151	145	116	70	20	14	14				
Suicide	—	—	3	74	100	118	97	50	56	51				
Septicemia	4	—	—	—	11	24	31	42	109	311				
Alzheimer's Disease	—	—	—	—	—	—	1	3	54	383				
Chronic Liver Disease and Cirrhosis	—	—	—	1	3	51	81	96	108	65				
Human Immunodeficiency Virus Inf.	1	3	3	5	114	159	59	15	5	2				
Certain Cond. Orig. in the Peri. Period	316	2	—	—	—	—	—	—	—	—				
Hypertension	—	—	—	1	—	5	12	32	47	137				
Atherosclerosis	—	—	—	—	—	—	7	23	47	146				
Congenital Anomalies	119	16	11	6	5	7	11	5	12	26				
Benign Neoplasms	—	—	2	2	3	7	11	19	25	65				
Hernia of Abdominal Cavity and Int. Obst.	3	1	—	—	—	5	4	7	25	86				
Alcoholism	—	—	—	—	5	25	25	24	18	7				
Arthropathies and Related Disorders	—	—	2	5	2	9	10	16	19	38				
All Other Causes	126	37	31	69	104	246	335	483	991	3,114				

**TABLE 11
RESIDENT DEATHS AND DEATH RATES¹
BY MONTH OF OCCURRENCE
ALABAMA, 1994-1996**

MONTH	1996		1995		1994	
	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE
TOTAL	42,806	10.4	42,321	10.3	41,631	10.2
January	4,264	12.2	3,731	10.7	4,497	12.9
February	3,658	11.2	3,487	11.1	3,367	10.7
March	3,775	10.8	3,878	11.1	3,553	10.2
April	3,527	10.4	3,417	10.1	3,390	10.1
May	3,508	10.0	3,437	9.8	3,403	9.8
June	3,194	9.4	3,266	9.7	3,230	9.6
July	3,346	9.6	3,471	9.9	3,312	9.5
August	3,324	9.5	3,355	9.6	3,305	9.5
September	3,177	9.4	3,290	9.7	3,191	9.5
October	3,623	10.4	3,470	9.9	3,419	9.8
November	3,476	10.3	3,460	10.2	3,322	9.9
December	3,934	11.3	4,059	11.6	3,642	10.5

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

**FIGURE 4
RESIDENT DEATHS
BY MONTH OF OCCURRENCE
ALABAMA, 1996**



**TABLE 12
DEATHS AND DEATH RATES¹
BY AGE GROUP
ALABAMA, 1994-1996**

AGE GROUP	1996		1995		1994	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	42,806	10.4	42,321	10.3	41,631	10.2
UNDER 5	761	2.5	737	2.4	745	2.4
5-14	169	0.3	174	0.3	174	0.3
15-24	775	1.3	801	1.3	822	1.3
25-34	1,069	1.9	1,161	2.0	1,097	1.8
35-44	1,902	3.0	1,904	3.1	1,813	2.9
45-54	2,958	5.8	2,797	5.7	2,746	5.8
55-64	4,890	13.4	4,962	13.7	4,899	13.6
65-74	9,172	29.3	9,105	29.1	9,121	29.3
75+	21,110	86.8	20,690	86.6	20,214	86.2
NOT STATED	—	—	—	—	—	—

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

**TABLE 13
DEATHS AND DEATH RATES¹
BY AGE GROUP AND RACE
ALABAMA, 1996**

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	42,806	10.4	31,918	10.5	10,888	10.0
UNDER 1	634	10.4	331	8.4	303	14.0
1-4	127	0.5	69	0.4	58	0.7
5-9	75	0.3	42	0.2	33	0.4
10-14	94	0.3	61	0.3	33	0.3
15-19	329	1.1	199	1.0	130	1.3
20-24	446	1.4	267	1.3	179	1.9
25-29	476	1.7	287	1.4	189	2.7
30-34	593	2.0	358	1.6	235	3.2
35-44	1,902	3.0	1,139	2.5	763	4.7
45-54	2,958	5.8	1,943	4.9	1,015	9.5
55-64	4,890	13.4	3,541	12.0	1,349	19.5
65-74	9,172	29.3	7,039	27.8	2,133	35.7
75+	21,110	86.8	16,642	85.4	4,468	92.5
NOT STATED	—	—	—	—	—	—

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

TABLE 14
DEATHS TO RESIDENTS OF SELECTED CITIES BY RACE
ALABAMA, 1996

CITY	TOTAL	WHITE	BLACK AND OTHER
ALABASTER	79	66	13
ALBERTVILLE	182	178	4
ALEXANDER CITY	202	164	38
ANDALUSIA	99	86	13
ANNISTON	419	271	148
ATHENS	217	181	36
AUBURN	157	111	46
BESSEMER	499	218	281
BIRMINGHAM	3,205	1,261	1,944
CULLMAN	230	229	1
DAPHNE	89	71	18
DECATUR	444	359	85
DOTHAN	564	419	145
ENTERPRISE	187	141	46
EUFAULA	145	96	49
FAIRFIELD	173	50	123
FLORENCE	451	379	72
FORT PAYNE	165	158	7
GADSDEN	640	505	135
HARTSELLE	109	99	10
HOMEWOOD	183	163	20
HOOVER	297	286	11
HUEYTOWN	153	135	18
HUNTSVILLE	1,324	1,062	262
JACKSONVILLE	117	107	10
JASPER	201	178	23
LEEDS	107	92	15
MADISON	116	96	20
MOBILE	2,231	1,382	849
MONTGOMERY	1,917	1,129	788
MOUNTAIN BROOK	140	140	—
NORTHPORT	278	210	68
OPELIKA	240	154	86
OZARK	167	130	37
PHENIX CITY	418	266	152
PRATTVILLE	194	155	39
PRICHARD	382	91	291
SARALAND	116	106	10
SCOTTSBORO	173	162	11
SELMA	337	148	189
SHEFFIELD	138	115	23
SYLACAUGA	208	172	36
TALLADEGA	253	169	84
TROY	153	99	54
TUSCALOOSA	715	474	241
TUSKEGEE	142	10	132
VESTAVIA HILLS	189	188	1

DISEASES OF THE HEART

Major cardiovascular diseases accounted for over 40 percent of all deaths in Alabama in 1996. The largest component of this disease group, diseases of the heart, was the cause responsible for nearly one-third of the mortality of Alabama's residents.

Since heart disease became Alabama's leading cause of death with a mortality rate of 108.4 in 1926, the death rate has tripled. Heart disease has been the leading cause of death for 70 years.

Prior to 1987, Alabama's rate of mortality from heart disease was below that of the nation. Since 1987, however, Alabama's rate has exceeded the national rate. From 1960 to 1996, the national rate decreased 25.0 percent while Alabama's rate increased 7.3 percent.

Because of the different age composition of the two racial groups, heart disease death rates for black

and other races have been below white rates since 1964. However in nearly all age groupings, race-sex-age-specific heart disease death rates were more than twice as high for black and other race Alabamians. In fact, the heart disease death rate for black and other race women aged 40-44 was five times percent higher than for white women of that age.

The 1996 heart disease rate for males (335.0) continued to be higher than that for females (318.2). However, for major cardiovascular diseases, which includes diseases of the heart, cerebrovascular diseases, atherosclerosis, hypertension and other diseases of the arteries, the female death rate was higher than the male death rate (420.4 to 415.7) for the fourth consecutive year. The female rate had never been higher than the male rate until 1993.

TABLE 15
HEART DISEASE DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1996

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	8,467	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	276.6 ²	13,466	326.2	10,415	342.9	3,051	279.7

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

²Provisional data.

TABLE 16
HEART DISEASE DEATHS AND DEATH RATES¹
BY AGE GROUP, RACE AND SEX
ALABAMA, 1996

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	13,466	326.2	5,192	351.5	5,223	334.9	1,434	286.5	1,617	274.0
UNDER 1	28	45.7	10	49.1	5	26.1	7	63.8	6	55.9
1-4	6	2.4	1	1.2	1	1.3	4	9.1	—	—
5-9	1	0.3	—	—	—	—	—	—	1	2.1
10-14	7	2.4	4	4.0	1	1.1	1	2.0	1	2.1
15-19	16	5.3	2	2.0	5	5.2	4	7.8	5	9.7
20-24	18	5.8	9	8.3	3	2.9	5	10.9	1	2.0
25-29	35	12.6	16	15.2	5	4.8	8	26.2	6	15.2
30-34	56	18.8	25	22.2	10	9.0	14	42.8	7	17.0
35-39	123	38.2	57	48.0	20	16.8	28	76.7	18	38.3
40-44	220	72.1	106	94.2	27	23.8	56	159.7	31	70.4
45-49	348	124.2	172	159.7	63	57.5	66	231.7	47	136.7
50-54	445	196.4	236	264.2	69	74.3	84	422.5	56	228.4
55-59	588	307.0	289	388.5	141	174.9	97	622.4	61	291.6
60-64	903	520.5	456	686.0	202	271.2	136	1,014.3	109	570.6
65-69	1,295	777.9	651	1,066.1	350	475.4	153	1,234.8	141	726.9
70-74	1,571	1,071.3	708	1,402.2	488	715.5	190	1,775.9	185	1,072.8
75+	7,806	3,209.2	2,450	3,661.2	3,833	2,993.6	581	3,605.6	942	2,928.2
NOT STATED	—	—	—	—	—	—	—	—	—	—

¹Rate is per 100,000 population in specified group. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

MALIGNANT NEOPLASMS

As the second leading cause of death, malignant neoplasms (cancer) accounted for over 22 percent of all 1996 deaths to Alabama residents. The 9,524 cancer deaths in 1996 were almost two and a half times cancer deaths in 1960, and the rate of 230.7 per 100,000 population was nearly double the rate for 1960.

Males continued to experience higher death rates from cancer than females particularly for cancer of the esophagus and of the bronchus and lung. Over the last ten years, however, the cancer death rate for females has risen 17.1 percent compared to 12.2 percent for males. Prostate

cancer had the greatest ten-year rate increase (25 percent) among males while bronchus and lung was the cancer with the greatest death rate increase (49 percent) among women.

Almost 70 percent of all cancer deaths were to Alabamians aged 65 and older while less than 5 percent were to those under age 45.

Since 1960, increases in the cancer death rate have been at a much faster pace in Alabama (a 97 percent increase compared to a 37.5 percent national increase). Alabama's rate has remained above the national rate since 1986. After a small decrease in 1995 the cancer rate for Alabama reached a high of 230.7 in 1996.

TABLE 17
MALIGNANT NEOPLASM DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1996

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	6,366	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	205.2 ²	9,524	230.7	7,286	239.9	2,238	205.2

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

²Provisional data.

TABLE 18
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹
BY PRIMARY SITE AND SEX
ALABAMA, 1996

PRIMARY SITE/ICD CODE	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	9,524	230.7	5,187	262.3	4,337	201.7
Bladder, 188	140	3.4	96	4.9	44	2.0
Brain, 191	201	4.9	101	5.1	100	4.7
Breast, 174-175	685	16.6	2	0.1	683	31.8
Bronchus and Lung, 162.2-162.9	2,794	67.7	1,807	91.4	987	45.9
Esophagus, 150	190	4.6	152	7.7	38	1.8
Large Intestine, 153	740	17.9	368	18.6	372	17.3
Leukemia, 204-208	311	7.5	171	8.6	140	6.5
Liver, 155	214	5.2	129	6.5	85	4.0
Lymphoma, 200-202	356	8.6	185	9.4	171	8.0
Ovary, 183.0	225	5.5	—	—	225	10.5
Pancreas, 157	472	11.4	233	11.8	239	11.1
Prostate, 185	630	15.3	630	31.9	—	—
Rectum, 154.1	72	1.7	40	2.0	32	1.5
Stomach, 151	227	5.5	132	6.7	95	4.4
Uterus, 179-182	170	4.1	—	—	170	7.9
Site Not Specified, 199	1,013	24.5	520	26.3	493	22.9
All Other Sites	1,084	26.3	621	31.4	463	21.5

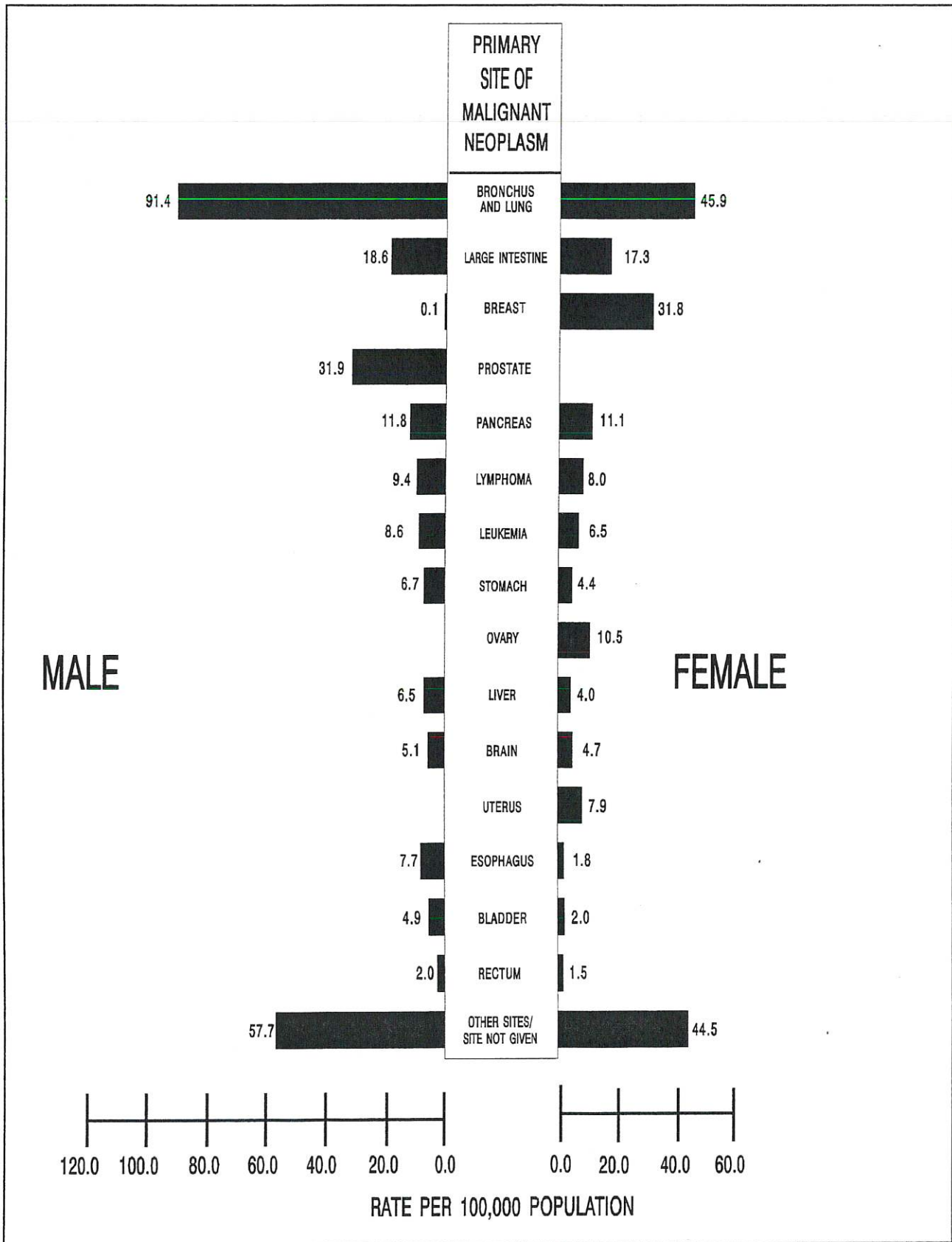
¹Rate is per 100,000 population in specified group. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

TABLE 19
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹
BY AGE GROUP AND SEX
ALABAMA, 1996

AGE GROUP	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	9,524	230.7	5,187	262.3	4,337	201.7
UNDER 1	1	1.6	—	—	1	3.3
1-4	5	2.0	3	2.4	2	1.7
5-9	9	3.1	6	4.0	3	2.1
10-14	7	2.4	5	3.3	2	1.4
15-19	9	3.0	7	4.6	2	1.4
20-24	20	6.5	11	7.2	9	5.8
25-29	29	10.4	10	7.4	19	13.3
30-34	59	19.8	18	12.4	41	26.9
35-44	310	49.5	128	42.3	182	56.2
45-54	839	165.6	417	169.9	422	161.5
55-64	1,681	460.6	968	569.9	713	365.4
65-74	2,910	929.4	1,711	1,270.7	1,199	671.8
75+	3,645	1,498.5	1,903	2,291.9	1,742	1,087.3
NOT STATED	—	—	—	—	—	—

¹Rate is per 100,000 population in specified group. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

**FIGURE 5
DEATH RATES FROM MALIGNANT NEOPLASMS
BY PRIMARY SITE AND SEX
ALABAMA, 1996**



CEREBROVASCULAR DISEASES

Alabama's third leading cause of death, cerebrovascular disease, is synonymous with "stroke" in many studies. The rate for cerebrovascular diseases rose by 2.1 points in 1996 to 70.0. This is the second year in a row that the rate for cerebrovascular diseases has increased and the highest the rate has been since 1990. The rate, however, is still almost half of the 1970 rate of 133.9.

The rate for the white population (68.0) rose by 1.7 points and was the highest since 1986. For the last ten years, the rate has remained fairly stable with an average of 66.1. The black and other rate of 75.6 gained 3.2 over the year and was the

highest since 1991.

Over 65 percent of all cerebrovascular diseases deaths were to people 75 years or older. For Alabamians age 20 to 64 who died from stroke, black and other races were at much higher risk. Of this group, the death rate for black and other males was the highest, 26.8 per 100,000 population, followed by black and other race females (14.9), white males (8.3) and white females (7.3).

The median age at death from cerebrovascular diseases varied by race and sex: for black and other race males, 71 years ; for white males, 78 years; for black and other race females, 78 years; and for white females, 82 years.

TABLE 20
CEREBROVASCULAR DISEASES DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1970-1996

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	60.5 ²	2,890	70.0	2,066	68.0	824	75.6

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

² Provisional data.

ACCIDENTS

Accidents has been the fourth leading cause of death to Alabama's residents since 1949. While both the Alabama rate and the national rate have declined since 1960, Alabama's death rate from accidents has exceeded the national rate since 1951. Alabama's rate of 54.2 deaths per 100,000 population, down 0.1 from last year, has been stable for a decade.

While accidental deaths increased by five to 2,237 in 1996; deaths to black and other races decreased by 50, offset by an increase of 55 deaths to white Alabamians. Accidents was the leading cause of death for age groups 1-44 and the third leading cause of death for those 45-64 years of age. The age group with the highest age-specific death rate from accidents was Alabamians aged 75 and older.

Motor vehicle accidents remained the number one cause of accidental death (54.7 percent). The death rate from motor vehicles, 29.3, was nearly double the provisional 1996 national rate of 16.4.

For all age groups, falls was the second leading cause of accidental death causing 254 fatalities. For Alabamians aged 65 and older, death from falls (203) increased 29.3 percent in 1996. For this age group, falls was the leading cause of accidental death causing more deaths than motor vehicle accidents.

The greatest number of accidental deaths to children under age 15 were from motor vehicles, 69 deaths, followed by 19 drowning deaths and 15 suffocation deaths. Firearms and fire and flames both caused seven deaths to children under age 15 in 1996.

**TABLE 21
ACCIDENTAL DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1996**

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	1,968	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	35.4 ²	2,237	54.2	1,675	55.2	562	51.5

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

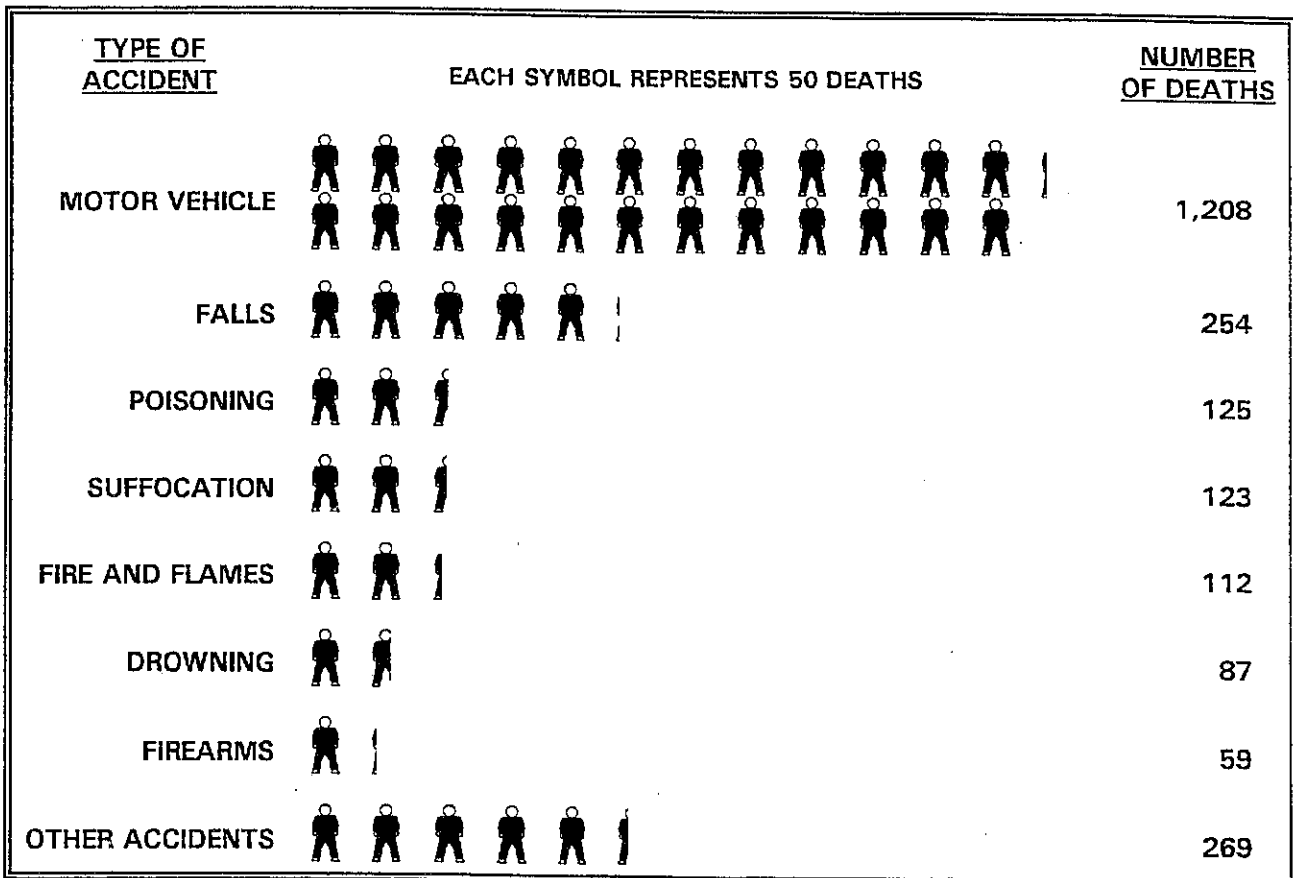
²Provisional data.

TABLE 22
ACCIDENTAL DEATHS AND DEATH RATES¹
BY AGE GROUP AND RACE
ALABAMA, 1996

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	2,237	54.2	1,675	55.2	562	51.5
UNDER 1	20	32.7	10	25.3	10	46.1
1-4	40	16.3	24	15.2	16	18.4
5-9	31	10.7	17	8.7	14	14.9
10-14	44	15.0	29	14.9	15	15.3
15-19	179	59.8	135	68.7	44	42.9
20-24	201	65.2	146	68.8	55	57.2
25-29	179	64.3	137	65.7	42	59.9
30-34	174	58.4	116	51.8	58	78.4
35-44	330	52.6	251	54.1	79	48.6
45-54	233	46.0	162	40.6	71	66.2
55-64	172	47.1	134	45.3	38	55.1
65-74	212	67.7	157	62.0	55	92.1
75+	422	173.5	357	183.1	65	134.6
NOT STATED	—	—	—	—	—	—

¹Rate is per 100,000 population in specified group. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

FIGURE 6
LEADING CAUSES OF ACCIDENTAL DEATHS
ALABAMA, 1996



**TABLE 23
ACCIDENTAL DEATHS BY TYPE OF ACCIDENT AND AGE GROUP
ALABAMA, 1996**

TYPE OF ACCIDENT (ICDA CODE)	TOTAL	AGE GROUP										NOT STATED
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+	
TOTAL	2,237	20	40	75	380	353	330	233	172	212	422	—
RAILWAY ACCIDENTS (800-807)	9	—	—	—	2	5	2	—	—	—	—	—
MOTOR VEHICLE (810-825)	1,208	7	19	43	311	239	197	120	97	85	90	—
DROWNING (830, 832, 910)	87	3	2	14	15	18	15	5	5	6	4	—
AIR & SPACE TRANSPORT (840-845)	19	—	—	2	1	2	8	5	1	—	—	—
POISONING (850-869)	125	—	5	1	8	17	38	21	10	14	11	—
FALLS (880-888)	254	—	1	—	4	11	11	11	13	38	165	—
FIRE AND FLAMES (890-899)	112	—	4	3	8	14	10	22	11	11	29	—
BITES & STINGS FROM VENOMOUS INSECTS (905)	2	—	—	1	—	—	—	1	—	—	—	—
EXCESSIVE HEAT (900)	2	—	—	—	—	1	—	—	—	—	1	—
EXCESSIVE COLD (901)	21	—	—	—	2	1	1	3	3	4	7	—
LIGHTNING (907)	6	—	—	1	1	3	—	—	1	—	—	—
CATAclysmic STORMS, AND FLOODS RESULTING FROM STORMS (908)	7	—	—	—	—	2	—	3	—	1	1	—
SUFFOCATION (911-913)	123	7	6	2	1	8	8	7	5	19	60	—
STRUCK BY FALLING OBJECTS, ETC. (916-918)	28	1	—	—	1	5	6	6	6	2	1	—
FIREARMS (922)	59	—	1	6	16	11	5	5	1	6	8	—
ELECTROCUTION (925)	10	—	—	—	2	4	1	2	1	—	—	—
ALL OTHER ACCIDENTS & LATE EFFECTS	165	2	2	2	8	12	28	22	18	26	45	—

TABLE 24
ACCIDENTAL DEATHS BY TYPE AND AGE GROUP
OCCURRENCE DATA
ALABAMA, 1996

	TOTAL	AGE GROUP							NOT STATED
		0-4	5-14	15-24	25-44	45-64	65-74	75+	
GRAND TOTAL	2,236	65	75	373	679	411	215	418	—
WORK TOTAL	64	—	—	3	34	23	2	2	—
Agriculture	13	—	—	1	9	3	—	—	—
Mining, Quarrying, Oil and Gas Wells	2	—	—	—	1	1	—	—	—
Construction	9	—	—	1	6	2	—	—	—
Manufacturing	16	—	—	—	10	6	—	—	—
Transportation and Public Utilities	5	—	—	—	1	4	—	—	—
Trade	15	—	—	—	6	5	2	2	—
Service	3	—	—	—	1	2	—	—	—
Government	—	—	—	—	—	—	—	—	—
Other and Unspecified Industry	1	—	—	1	—	—	—	—	—
HOME TOTAL	319	22	12	18	64	59	42	102	—
Poisoning (Gas Excepted)	39	3	1	1	25	6	3	—	—
Poisoning by Gases and Vapors	2	—	—	—	1	—	1	—	—
Falls	94	1	—	—	5	9	18	61	—
Fires	95	5	3	8	20	24	9	26	—
Drowning	14	4	3	—	4	—	1	2	—
Suffocation, Ingested Food or Object	8	3	—	—	1	1	1	2	—
Suffocation, Mechanical	6	3	1	—	—	2	—	—	—
Firearms	23	1	4	7	3	2	1	5	—
Other & Unspecified Home Accidents	38	2	—	2	5	15	8	6	—
MOTOR VEHICLE TOTAL	1,223	28	45	307	437	225	89	92	—
Injury to Pedestrian	98	4	14	8	33	22	4	13	—
Injury to Pedal Cyclist	6	—	4	—	—	1	—	1	—
Injury to Rider of Animal or Occupant of Animal Drawn Vehicle	—	—	—	—	—	—	—	—	—
Collision with Railroad Train	17	—	—	5	7	2	1	2	—
Collision with Other Motor Vehicle	419	12	8	89	146	78	44	42	—
Collision with Fixed Object	106	—	1	43	38	18	2	4	—
Noncollision	335	6	6	111	130	61	16	5	—
Other and Unspecified Accidents	242	6	12	51	83	43	22	25	—
PUBLIC NON-MOTOR VEHICLE TOTAL	163	2	10	21	51	28	19	32	—
Railroad-Not with Motor Vehicle	9	—	—	2	7	—	—	—	—
Other Vehicle-Not with Motor Vehicle	2	—	—	1	—	—	1	—	—
Water Transport	11	1	—	1	7	2	—	—	—
Air Transport	12	—	—	—	9	3	—	—	—
Falls	27	—	—	1	4	5	4	13	—
Fires	3	—	—	—	1	2	—	—	—
Drowning	40	1	8	9	11	5	5	1	—
Firearms	8	—	—	2	4	2	—	—	—
Other & Unspecified Public Accidents	51	—	2	5	8	9	9	18	—
ACCIDENT TYPE UNKNOWN AND LATE EFFECTS	467	13	8	24	93	76	63	190	—

SUICIDE

Suicides declined overall in Alabama for the second straight year in a row. However age, race and sex groupings show very different trends. White Alabamians accounted for almost 88 percent of all suicides in 1996. White female suicides increased 43.6 percent from 78 in 1995 to 112 in 1996, and suicides for white women aged 40 to 69 increased 73 percent. Suicide deaths to black and other race women decreased from 11 in 1995 to 10 in 1996. White male suicides (370) decreased 7.7 percent overall but the age group 40 to 59 increased 31.3 percent. Black and other male suicides (57) decreased 23 percent overall with a 45.8 percent decrease for age group 30-39.

The 20-29 age group had the highest number of black and other suicide deaths (25) and the 40-49 age group had the highest number of white suicide deaths (103).

Teenage suicide deaths have declined for the second straight year from 43 deaths to 31 deaths in 1996. Teenage male suicide deaths decreased by 17, but suicide deaths for teenage females, increased by 5, all white women.

The most suicides occurred in the months of July and December with 54 each, followed by October (49) and January (48). Alabama's suicide rate (13.3) has been above the national rate since 1990. The 1996 provisional national rate was 11.6.

TABLE 25
SUICIDE DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1996

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK & 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 ²	549	13.3	482	15.9	67	6.1

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

²Provisional data.

TABLE 26
SUICIDE DEATHS BY RACE, SEX, AND AGE GROUP
ALABAMA, 1996

RACE AND SEX	TOTAL	AGE GROUP									NOT STATED
		5 - 9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 +	
TOTAL	549	—	31	93	110	113	78	45	41	38	—
MALE	427	—	24	75	90	81	58	30	36	33	—
FEMALE	122	—	7	18	20	32	20	15	5	5	—
WHITE	482	—	24	68	95	103	77	44	36	35	—
MALE	370	—	18	53	77	73	57	30	32	30	—
FEMALE	112	—	6	15	18	30	20	14	4	5	—
BLACK AND OTHER	67	—	7	25	15	10	1	1	5	3	—
MALE	57	—	6	22	13	8	1	—	4	3	—
FEMALE	10	—	1	3	2	2	—	1	1	—	—

TABLE 27
TEENAGE SUICIDE DEATHS BY RACE AND SEX WITH ANNUAL RATES¹
ALABAMA, 1960-1996

YEAR	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	MALE	FEMALE	MALE	FEMALE
1960	12	1.9	11	1	—	—
1961	5	0.8	3	1	1	—
1962	11	1.7	8	1	2	—
1963	10	1.5	7	2	—	1
1964	14	2.1	10	2	2	—
1965	14	2.1	10	1	2	1
1966	12	1.8	9	1	1	1
1967	19	2.8	14	4	1	—
1968	14	2.0	9	3	—	2
1969	14	2.0	8	3	3	—
1970	12	1.7	8	2	1	1
1971	18	2.5	15	2	1	—
1972	16	2.2	11	2	1	2
1973	24	3.4	16	4	2	2
1974	17	2.4	10	4	2	1
1975	29	4.1	19	5	5	—
1976	28	4.0	20	4	2	2
1977	30	4.2	21	7	2	—
1978	28	4.0	19	8	1	—
1979	25	3.5	19	5	1	—
1980	25	3.5	17	5	1	2
1981	24	3.4	19	3	1	1
1982	28	4.0	22	4	2	—
1983	22	3.1	16	3	—	3
1984	25	3.5	14	8	2	1
1985	32	4.5	24	6	2	—
1986	28	4.0	19	3	4	2
1987	28	3.9	14	6	3	5
1988	32	4.4	23	4	3	2
1989	38	5.2	29	3	6	—
1990	38	6.1	24	6	5	3
1991	34	5.6	19	5	9	1
1992	43	7.1	24	5	14	—
1993	45	7.5	25	8	11	1
1994	48	8.0	27	9	10	2
1995	43	7.2	31	1	10	1
1996	31	5.2	18	6	6	1

¹Rate is per 100,000 population in specified group. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

HOMICIDE

Homicide deaths, like suicide deaths, have decreased for the second year with 27 fewer deaths in 1996. The number (561) and rate (13.6) of homicide deaths were the lowest since 1989. Alabama has exceeded the national rate since the recording of this data. The 1996 national provisional rate was 7.8.

The white rate of 6.3 was the lowest since 1989 and the black and other rate of 33.9 was the lowest since 1990. The Alabama black and other race homicide death rate was five times as high as the white rate.

White females was the group with the greatest decrease (11.9 percent) in homicide deaths from 1995 to 1996. Black and other race females was the only group with an increase in deaths from 68 in 1995 to 71 in 1996.

Homicide deaths for women decreased overall from 1995 to 1996, but for age groups 20-29 and 40-49 homicide deaths increased. Male homicide deaths increased from 1995 to 1996 for the youngest (aged 0-9) and oldest (80+) age groups. In 1996, for children aged 0-19, there were 13 fewer deaths to females and one more death to males.

Over one fifth of all 1996 homicides occurred during July and August.

Almost 75 percent of all homicide deaths were firearm deaths (412). Cutting and piercing was the second highest method causing 82 deaths (15 percent). Hanging caused 12 deaths (2 percent). The median age at death for homicide was 35 years for white victims and 29 years for black and other victims.

**TABLE 28
HOMICIDE DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1996**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK & 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	7.8 ²	561	13.6	191	6.3	370	33.9

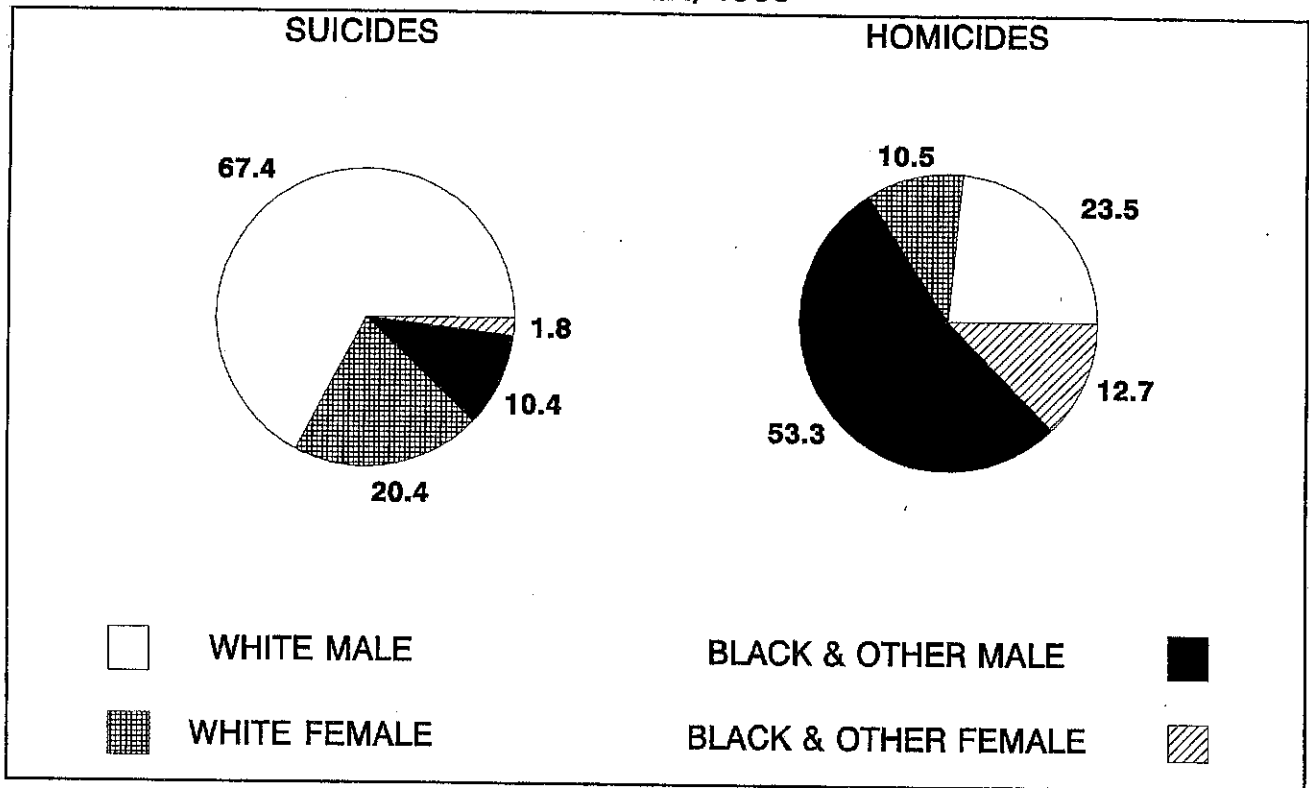
¹Rate is per 100,000 population in specified group. See formula in Appendix B.

²Provisional data.

**TABLE 29
HOMICIDE DEATHS BY RACE, SEX, AND AGE GROUP
ALABAMA, 1996**

RACE AND SEX	TOTAL	AGE GROUP									NOT STATED
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
TOTAL	561	24	68	175	131	90	38	15	11	9	—
MALE	431	16	59	140	93	67	33	10	8	5	—
FEMALE	130	8	9	35	38	23	5	5	3	4	—
WHITE	191	8	12	46	56	32	16	9	7	5	—
MALE	132	6	11	30	35	22	12	7	6	3	—
FEMALE	59	2	1	16	21	10	4	2	1	2	—
BLACK AND OTHER	370	16	56	129	75	58	22	6	4	4	—
MALE	299	10	48	110	58	45	21	3	2	2	—
FEMALE	71	6	8	19	17	13	1	3	2	2	—

**FIGURE 7
PERCENT OF SUICIDES AND HOMICIDES BY RACE AND SEX
ALABAMA, 1996**



INFANT MORTALITY

The 1996 infant mortality rate of 10.5 per 1,000 live births returned to double digits after dropping to single digits for the first time in 1995. However, the 1996 rate of 10.5 per 1,000 live births tied with the 1992 rate as the fourth lowest on record and was over 30 percent lower than the 1980 rate of 15.1. The national rate reached single digits in 1989 and has dropped another 2.6 points to achieve a provisional low of 7.2 in 1996.

The 42 death upswing was due to an increase in white infant deaths (49), partially offset by a decrease in black and other infant deaths (7).

The white infant death rate of 8.2 was the highest since 1990. The black and other rate, with its decline in 1996, became the second lowest rate on record at 14.9.

Increased multiple births and low weight births were suggested explanations for Alabama's rate increase. The percent of low weight births has increased from 8.0 to 9.3 during the past decade. The infant mortality rate for births less than 2,500 grams (5 pounds, 8 ounces) was 75.1 per 1,000 live births compared to an infant mortality rate of 3.6 for babies weighing 2,500 grams or more at birth.

Infants born in plural deliveries, also at risk for low birthweight, had a mortality rate of 60.3 compared to the infant mortality rate of 9.1 for infants in single deliveries.

The infant mortality rate for infants of mothers who had inadequate prenatal care was 195.5 percent higher than the rate for infants whose mothers had adequate prenatal care.

Congenital anomalies was again the leading cause of infant deaths with 119 attributed to this cause. Disorders relating to short gestation and unspecified low birthweight was the second leading cause with 102 infant deaths. Sudden infant death syndrome (71), and respiratory distress syndrome (46), completed the top four causes which accounted for over half of all infant deaths.

The highest infant death rate (19.3) occurred to infants of mothers under 15 years of age. The rate decreased steadily as mother's age increased through age group 25-29, which had the lowest rate of any age group at 7.8.

Coosa County had the highest rate, 30.5. Bibb, Choctaw, Hale, Macon and Wilcox counties all had rates above 20.0. Lamar and Monroe counties experienced no infant deaths.

**FIGURE 8
INFANT MORTALITY RATES
ALABAMA AND UNITED STATES, 1940-1996**

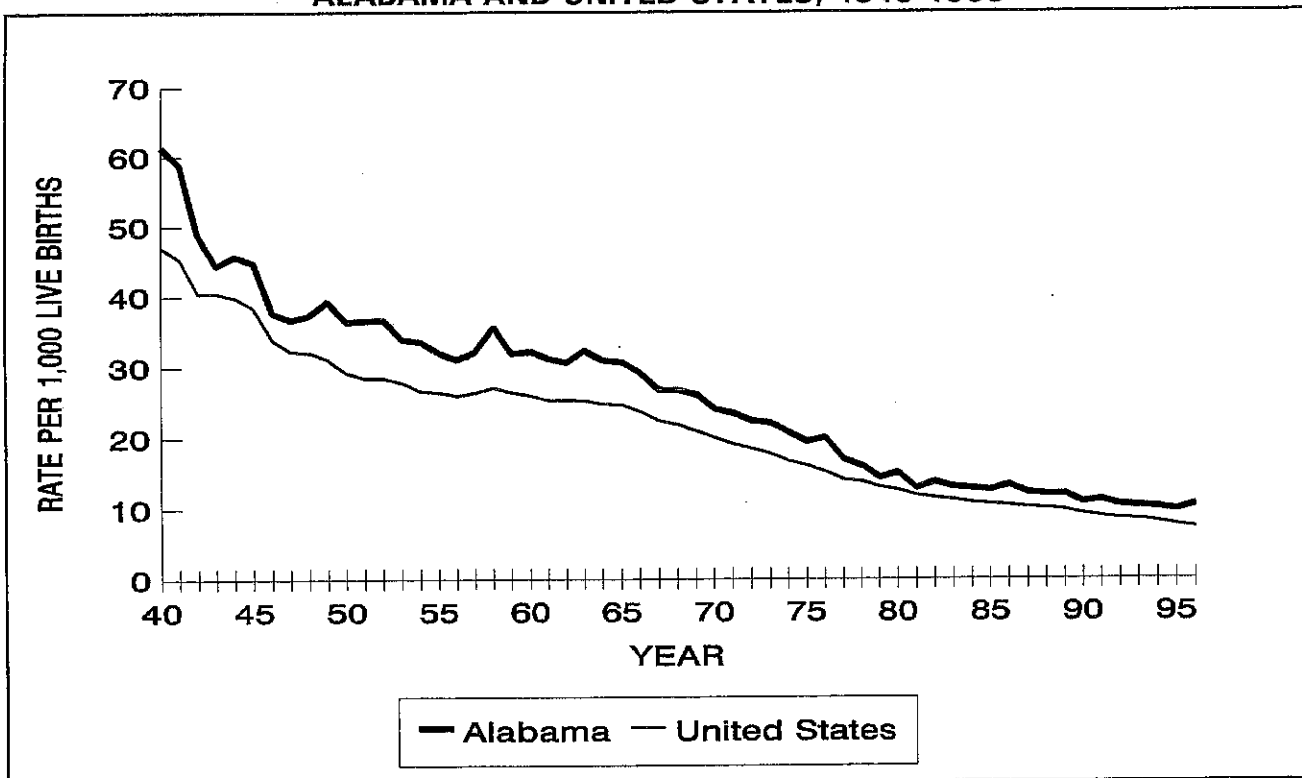


TABLE 30
INFANT DEATHS AND INFANT MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1996

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S.	ALABAMA		U.S.	ALABAMA		U.S.
	NUMBER	RATE	RATE	NUMBER	RATE	RATE	NUMBER	RATE	RATE
1940	3,862	61.3	47.0	1,993	51.1	43.2	1,869	77.9	73.8
1941	3,832	58.7	45.3	1,998	49.3	41.2	1,834	74.1	74.8
1942	3,573	48.8	40.4	1,848	39.8	37.3	1,725	64.5	64.6
1943	3,479	44.4	40.4	1,825	36.3	37.5	1,654	59.0	62.5
1944	3,391	45.7	39.8	1,816	38.5	36.9	1,575	58.4	60.3
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	899	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	7.2 ²	331	8.2	6.0 ²	303	14.9	11.8 ²

¹ Rate is per 1,000 live births in specified group. For 1940-1989 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.

² Provisional data.

FIGURE 9
INFANT MORTALITY RATES BY RACE
ALABAMA, 1940-1996

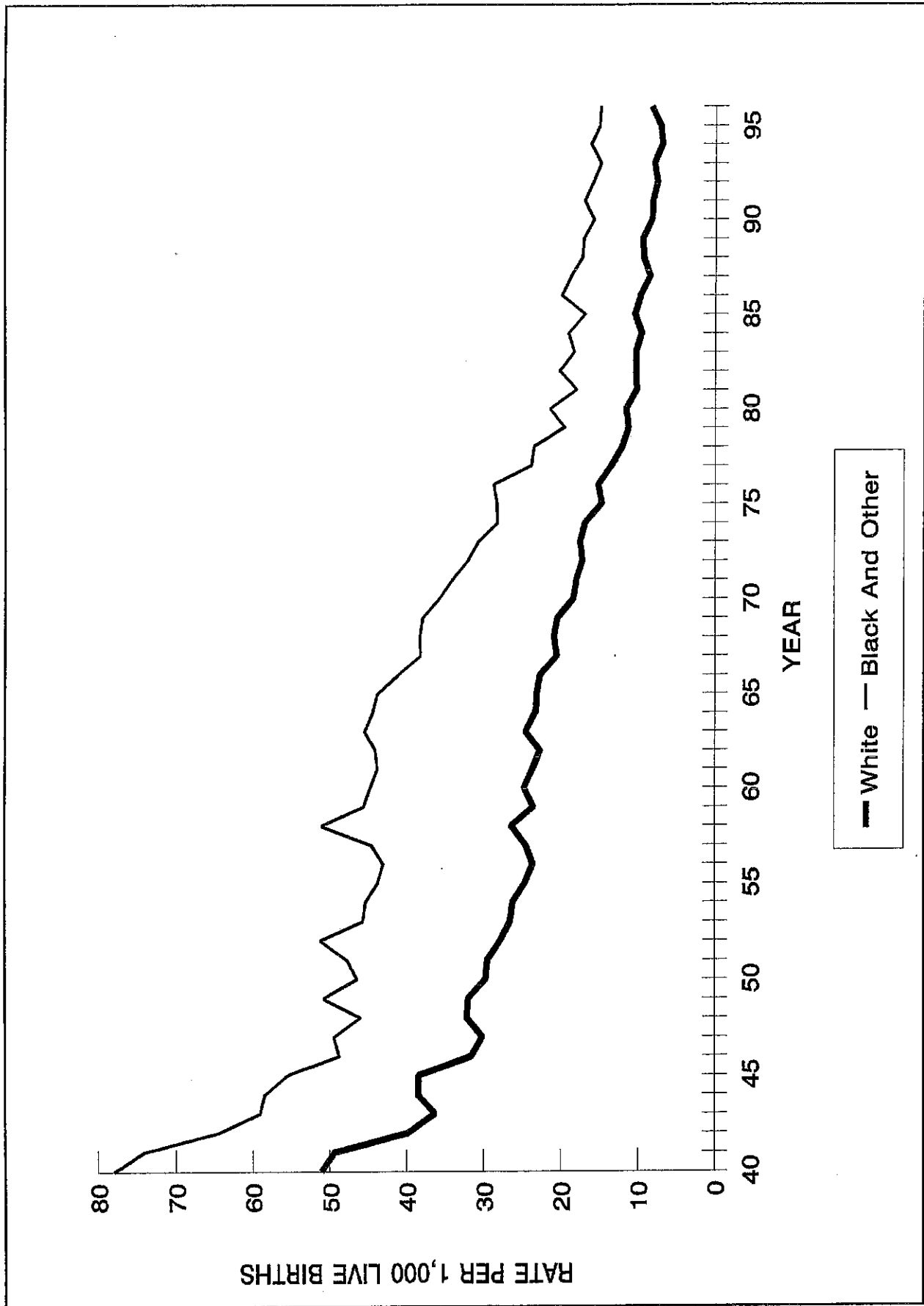


TABLE 31
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY COUNTY OF RESIDENCE AND RACE OF INFANT
ALABAMA, 1996

COUNTY	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	331	8.2	303	14.9
Autauga	10	17.1	6	13.2	4	31.0
Baldwin	10	6.3	6	4.4	4	18.1
Barbour	2	6.0	—	—	2	10.4
Bibb	7	25.3	6	31.3	1	11.8
Blount	4	6.3	4	6.4	—	—
Bullock	2	11.2	1	45.6*	1	6.4
Butler	1	3.4	—	—	1	6.7
Calhoun	20	12.3	12	10.1	8	18.1
Chambers	4	8.4	1	3.9	3	13.9
Cherokee	2	7.9	1	4.2	1	76.9*
Chilton	3	5.9	3	6.8	—	—
Choctaw	5	21.1	4	32.3	1	8.8
Clarke	3	6.6	—	—	3	12.9
Clay	2	10.4	2	13.3	—	—
Cleburne	1	5.7	1	6.1	—	—
Coffee	10	17.5	6	14.2	4	27.2
Colbert	3	4.3	1	1.8	2	15.4
Conecuh	4	19.8	2	23.8	2	16.9
Coosa	4	30.5	1	14.7	3	47.6
Covington	4	8.1	2	5.2	2	17.9
Crenshaw	3	16.0	2	16.4	1	15.4
Cullman	10	10.6	10	10.8	—	—
Dale	9	11.6	5	8.9	4	18.7
Dallas	8	10.1	3	15.4	5	8.3
DeKalb	8	10.2	8	10.7	—	—
Elmore	7	8.7	4	6.8	3	13.6
Escambia	4	8.5	3	10.5	1	5.3
Etowah	14	10.7	10	9.6	4	15.0
Fayette	2	9.0	1	5.3	1	30.3*
Franklin	1	2.6	1	2.8	—	—
Geneva	1	3.5	1	4.1	—	—
Greene	1	5.7	—	—	1	6.7
Hale	7	24.5	2	22.5	5	25.4
Henry	3	13.0	—	—	3	35.3
Houston	13	10.5	10	11.8	3	7.7
Jackson	6	8.6	5	7.7	1	22.7*
Jefferson	102	11.3	36	7.4	66	16.0
Lamar	—	—	—	—	—	—
Lauderdale	14	13.8	9	10.1	5	42.0
Lawrence	5	13.1	4	12.5	1	16.1
Lee	9	6.5	5	5.4	4	8.8
Limestone	6	7.2	4	5.5	2	18.3
Lowndes	1	4.8	—	—	1	5.7
Macon	8	22.0	1	18.5	7	22.6
Madison	26	6.8	18	6.7	8	7.1
Marengo	3	8.5	1	7.9	2	8.9
Marion	1	2.6	1	2.7	—	—
Marshall	8	7.0	8	7.2	—	—
Mobile	72	11.5	31	8.7	41	15.3
Monroe	—	—	—	—	—	—
Montgomery	45	12.8	7	4.7	38	18.6
Morgan	18	13.1	14	12.1	4	18.4
Perry	1	5.0	—	—	1	6.2
Pickens	4	13.1	—	—	4	21.4
Pike	4	9.9	3	13.6	1	5.4
Randolph	1	3.4	1	4.7	—	—
Russell	12	18.1	2	5.3	10	35.2
St. Clair	5	6.5	4	5.8	1	12.8
Shelby	18	9.2	12	6.7	6	40.5
Sumter	1	4.2	—	—	1	5.1
Talladega	17	16.0	11	16.4	6	15.4
Tallapoosa	7	11.9	3	8.2	4	17.9
Tuscaloosa	20	9.3	12	9.3	8	9.2
Walker	18	18.5	16	17.9	2	25.3
Washington	2	8.2	1	6.9	1	9.9
Wilcox	6	25.1	1	27.0*	5	24.8
Winston	2	6.9	2	7.0	—	—

¹Rate is per 1,000 live births. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures. Caution should also be exercised in using rates which are based on small live birth totals. Rates which apply to populations with fewer than 50 live births are denoted by an "**".

FIGURE 10
 INFANT MORTALITY RATES BY COUNTY
 ALABAMA, 1996

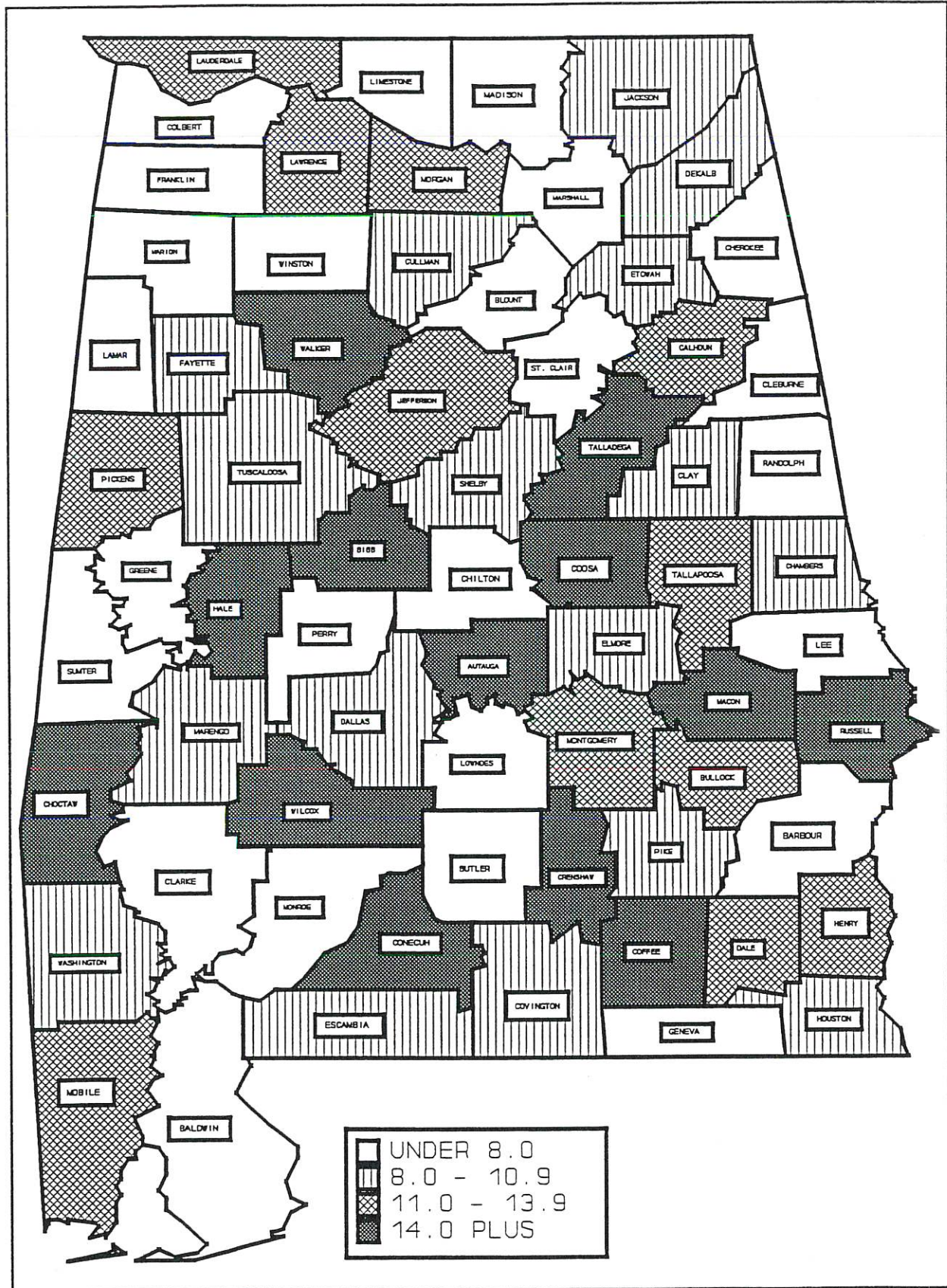


TABLE 32
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE OF INFANT AND CAUSE OF DEATH
ALABAMA, 1996

CAUSES OF DEATH	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	634	10.5	331	8.2	303	14.9
Certain Intestinal Infections, 008-009	1	1.7	—	—	1	4.9
Septicemia, 038	4	6.6	1	2.5	3	14.8
Remainder of Infectious and Parasitic Diseases, 001-007, 010-037, 039-139	6	9.9	3	7.5	3	14.8
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1	1.7	1	2.5	—	—
Diseases of Blood Forming Organs, 280-289	2	3.3	1	2.5	1	4.9
Meningitis, 320-322	3	5.0	2	5.0	1	4.9
Other Diseases of Nervous System and Sense Organs, 323-389	5	8.3	3	7.5	2	9.8
Major Cardiovascular Diseases, 390-448	29	48.0	15	37.4	14	68.9
Diseases of the Heart, 390-398, 402, 404-429	28	46.3	15	37.4	13	64.0
Other Major Cardiovascular Diseases, 401, 403, 430-438, 440-448	1	1.7	—	—	1	4.9
Acute Upper Respiratory Infections, 460-465	3	5.0	1	2.5	2	9.8
Pneumonia and Influenza, 480-487	2	3.3	2	5.0	—	—
Remainder of Diseases of Respiratory System, 466-478, 490-519	2	3.3	1	2.5	1	4.9
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis, 535, 555-558	5	8.3	1	2.5	4	19.7
Remainder of Diseases of Digestive System, 520-534, 536-553, 560-579	6	9.9	4	10.0	2	9.8
Congenital Anomalies, 740-759	119	196.8	82	204.3	37	182.1
Anencephalus and Similar Anomalies, 740	4	6.6	2	5.0	2	9.8
Spina Bifida, 741	1	1.7	1	2.5	—	—
Congenital Hydrocephalus, 742.3	5	8.3	1	2.5	4	19.7
Other Congenital Anomalies of Central Nervous System and Eye, 742.0-742.2, 742.4-742.9, 743	7	11.6	5	12.5	2	9.8
Congenital Anomalies of Heart, 745-746	38	62.9	29	72.2	9	44.3
Other Congenital Anomalies of Circulatory System, 747	2	3.3	1	2.5	1	4.9
Congenital Anomalies of Respiratory System, 748	16	26.5	9	22.4	7	34.5
Congenital Anomalies of Digestive System, 749-751	3	5.0	3	7.5	—	—
Congenital Anomalies of Genitourinary System, 752-753	5	8.3	4	10.0	1	4.9
Congenital Anomalies of Musculoskeletal System, 754-756	11	18.2	10	24.9	1	4.9
Down's Syndrome, 758.0	1	1.7	1	2.5	—	—
Other Chromosomal Anomalies, 758.1-758.9	15	24.8	9	22.4	6	29.5
Other and Unspecified Congenital Anomalies, 744, 757, 759	11	18.2	7	17.4	4	19.7
Certain Conditions Originating in the Perinatal Period, 760-779	316	522.7	140	348.8	176	866.2
Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy, 760	5	8.3	3	7.5	2	9.8
Newborn Affected by Maternal Complications of Pregnancy, 761	26	43.0	15	37.4	11	54.1
Newborn Affected by Complications of Placenta, Cord, and Membranes, 762	17	28.1	7	17.4	10	49.2
Newborn Affected by Other Complications of Labor and Delivery, 763	1	1.7	1	2.5	—	—
Slow Fetal Growth and Fetal Malnutrition, 764	1	1.7	—	—	1	4.9
Disorders Relating to Short Gestation and Unspecified Low Birthweight, 765	102	168.7	49	122.1	53	260.9
Disorders Relating to Long Gestation and High Birthweight, 766	—	—	—	—	—	—
Birth Trauma, 767	6	9.9	3	7.5	3	14.8
Intrauterine Hypoxia and Birth Asphyxia, 768	7	11.6	2	5.0	5	24.6
Fetal Distress in Liveborn Infant, 768.2-768.4	4	6.6	2	5.0	2	9.8
Birth Asphyxia, 768.5-768.9	3	5.0	—	—	3	14.8
Respiratory Distress Syndrome, 769	46	76.1	20	49.8	26	128.0
Other Respiratory Conditions of Newborn, 770	22	36.4	9	22.4	13	64.0
Infections Specific to the Perinatal Period, 771	22	36.4	9	22.4	13	64.0
Neonatal Hemorrhage, 772	12	19.8	5	12.5	7	34.5
Other Ill-Defined Conditions Originating in the Perinatal Period, 773-779	49	81.0	17	42.3	32	157.5
Symptoms, Signs, and Ill-Defined Conditions, 780-799	91	150.5	57	142.0	34	167.3
Sudden Infant Death Syndrome, 798.0	71	117.4	47	117.1	24	118.1
Symptoms, Signs, and Other Ill-Defined Conditions, 780-797, 798.1-799	20	33.1	10	24.9	10	49.2
Accidents and Adverse Effects, E800-E949	20	33.1	10	24.9	10	49.2
Motor Vehicle Accidents, E810-E825	7	11.6	6	14.9	1	4.9
Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract or Suffocation, E911-E912	5	8.3	2	5.0	3	14.8
Accidental Mechanical Suffocation, E913	2	3.3	—	—	2	9.8
Other Accidental Causes and Adverse Effects, E800-E807, E826-E910, E914-E949	6	9.9	2	5.0	4	19.7
Homicide, E960-E969	9	14.9	3	7.5	6	29.5
Child Battering and Other Maltreatment, E967	4	6.6	2	5.0	2	9.8
Other Homicide, E960-E966, E968-E969	5	8.3	1	2.5	4	19.7
All Other Causes, Residual	10	16.5	4	10.0	6	29.5

¹Total rate is per 1,000 live births and cause-specific rates are per 100,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures.

TABLE 33
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY COUNTY OF RESIDENCE AND AGE AT DEATH
ALABAMA, 1996

COUNTY	UNDER 1 YEAR		UNDER 28 DAYS		UNDER 7 DAYS		UNDER 1 DAY	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	414	6.8	332	5.5	230	3.8
Autauga	10	17.1	8	13.7	6	10.3	3	5.1
Baldwin	10	6.3	7	4.4	3	1.9	3	1.9
Barbour	2	6.0	2	6.0	1	3.0	1	3.0
Bibb	7	25.3	6	21.7	6	21.7	6	21.7
Blount	4	6.3	2	3.1	2	3.1	2	3.1
Bullock	2	11.2	2	11.2	1	5.6	—	—
Butler	1	3.4	1	3.4	1	3.4	1	3.4
Calhoun	20	12.3	12	7.4	8	4.9	6	3.7
Chambers	4	8.4	2	4.2	2	4.2	2	4.2
Cherokee	2	7.9	1	4.0	—	—	—	—
Chilton	3	5.9	2	3.9	2	3.9	1	2.0
Choctaw	5	21.1	3	12.7	3	12.7	2	8.4
Clarke	3	6.6	2	4.4	1	2.2	—	—
Clay	2	10.4	2	10.4	1	5.2	1	5.2
Cleburne	1	5.7	1	5.7	1	5.7	—	—
Coffee	10	17.5	7	12.3	6	10.5	4	7.0
Colbert	3	4.3	3	4.3	2	2.9	1	1.4
Conecuh	4	19.8	4	19.8	4	19.8	4	19.8
Coosa	4	30.5	1	7.6	1	7.6	1	7.6
Covington	4	8.1	2	4.1	2	4.1	2	4.1
Crenshaw	3	16.0	2	10.7	2	10.7	1	5.3
Cullman	10	10.6	7	7.4	4	4.2	4	4.2
Dale	9	11.6	9	11.6	7	9.0	4	5.1
Dallas	8	10.1	2	2.5	2	2.5	—	—
DeKalb	8	10.2	2	2.5	2	2.5	1	1.3
Elmore	7	8.7	4	4.9	4	4.9	3	3.7
Escambia	4	8.5	3	6.3	3	6.3	3	6.3
Etowah	14	10.7	9	6.9	8	6.1	6	4.6
Fayette	2	9.0	—	—	—	—	—	—
Franklin	1	2.6	1	2.6	1	2.6	1	2.6
Geneva	1	3.5	1	3.5	—	—	—	—
Greene	1	5.7	—	—	—	—	—	—
Hale	7	24.5	4	14.0	4	14.0	3	10.5
Henry	3	13.0	2	8.7	2	8.7	1	4.3
Houston	13	10.5	8	6.5	6	4.9	5	4.0
Jackson	6	8.6	3	4.3	3	4.3	1	1.4
Jefferson	102	11.3	74	8.2	59	6.6	38	4.2
Lamar	—	—	—	—	—	—	—	—
Lauderdale	14	13.8	6	5.9	4	3.9	2	2.0
Lawrence	5	13.1	3	7.9	1	2.6	1	2.6
Lee	9	6.5	7	5.1	5	3.6	2	1.5
Limestone	6	7.2	5	6.0	5	6.0	3	3.6
Lowndes	1	4.8	1	4.8	1	4.8	1	4.8
Macon	8	22.0	4	11.0	4	11.0	4	11.0
Madison	26	6.8	19	5.0	15	3.9	3	0.8
Marengo	3	8.5	2	5.7	1	2.8	1	2.8
Marion	1	2.6	1	2.6	1	2.6	—	—
Marshall	8	7.0	3	2.6	2	1.8	—	—
Mobile	72	11.5	47	7.5	39	6.3	33	5.3
Monroe	—	—	—	—	—	—	—	—
Montgomery	45	12.8	31	8.8	22	6.2	17	4.8
Morgan	18	13.1	12	8.7	11	8.0	6	4.4
Perry	1	5.0	1	5.0	1	5.0	1	5.0
Pickens	4	13.1	3	9.8	2	6.6	2	6.6
Pike	4	9.9	1	2.5	—	—	—	—
Randolph	1	3.4	1	3.4	1	3.4	1	3.4
Russell	12	18.1	9	13.6	6	9.1	4	6.0
St. Clair	5	6.5	2	2.6	2	2.6	1	1.3
Shelby	18	9.2	8	4.1	7	3.6	4	2.1
Sumter	1	4.2	1	4.2	—	—	—	—
Talladega	17	16.0	11	10.4	10	9.4	8	7.5
Tallapoosa	7	11.9	4	6.8	3	5.1	2	3.4
Tuscaloosa	20	9.3	17	7.9	17	7.9	15	6.9
Walker	18	18.5	9	9.3	7	7.2	4	4.1
Washington	2	8.2	1	4.1	1	4.1	1	4.1
Wilcox	6	25.1	3	12.6	3	12.6	2	8.4
Winston	2	6.9	1	3.5	1	3.5	1	3.5

¹Rates are per 1,000 live births to residents of specified area. Deaths are by race of the decedent and live births are by race of the mother. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

TABLE 34
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE AND AGE AT DEATH
ALABAMA, 1996

AGE AT DEATH	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	331	8.2	303	14.9
UNDER 1 DAY	230	3.8	106	2.6	124	6.1
1 DAY - 6 DAYS	102	1.7	63	1.6	39	1.9
7 DAYS - 27 DAYS	82	1.4	37	0.9	45	2.2
28 DAYS - 364 DAYS	220	3.6	125	3.1	95	4.7

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. Caution should be exercised in using rates derived from small figures. See formula in Appendix B.

TABLE 35
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE OF INFANT AND AGE OF MOTHER
ALABAMA, 1996

AGE OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	331	8.2	303	14.9
UNDER 15	6	19.3	1	11.8	5	22.1
15-17	72	17.1	33	17.0	39	17.3
18-19	92	13.9	49	13.6	43	14.4
20-24	192	10.6	94	8.4	98	14.2
25-29	123	7.8	63	5.3	60	14.8
30-34	102	9.6	63	7.8	39	15.6
35-39	38	9.1	22	7.2	16	14.0
40+	7	10.3	4	8.7	3	13.8
NOT STATED	2	—	2	—	—	—

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. Caution should be exercised in using rates derived from small figures. See formula in Appendix B.

TABLE 36
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY WEIGHT AT BIRTH AND RACE OF INFANT.
ALABAMA, 1996

BIRTHWEIGHT IN GRAMS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	331	8.2	303	14.9
0-499 GRAMS	137	919.5	58	920.6	79	918.6
500-999 GRAMS	165	336.7	66	340.2	99	334.5
1000-1499 GRAMS	37	67.6	26	88.7	11	43.3
1500-1999 GRAMS	27	24.7	15	26.5	12	22.7
2000-2499 GRAMS	57	17.0	32	17.8	25	16.0
2500-2999 GRAMS	74	6.7	44	7.2	30	6.0
3000-3499 GRAMS	68	3.1	41	2.9	27	3.5
3500-3999 GRAMS	44	2.7	32	2.6	12	3.1
4000-4499 GRAMS	8	1.7	5	1.3	3	3.5
4500-4999 GRAMS	2	2.8	2	3.4	—	—
5000 PLUS GRAMS	1	11.6	—	—	1	52.6*
UNKNOWN	14	—	10	—	4	—

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures. Caution should also be exercised in using rates which are based on small live birth totals. Rates which apply to populations with fewer than 50 live births are denoted by an "**".

FIGURE 11
INFANT MORTALITY RATES
BY BIRTH WEIGHT
ALABAMA, 1996

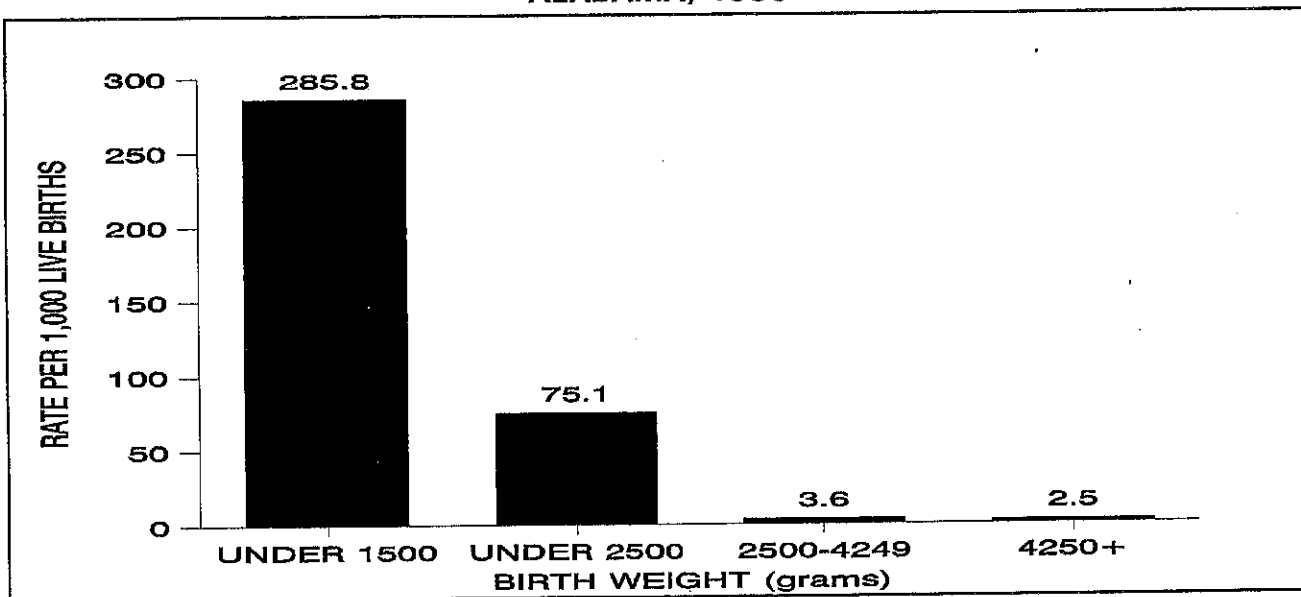


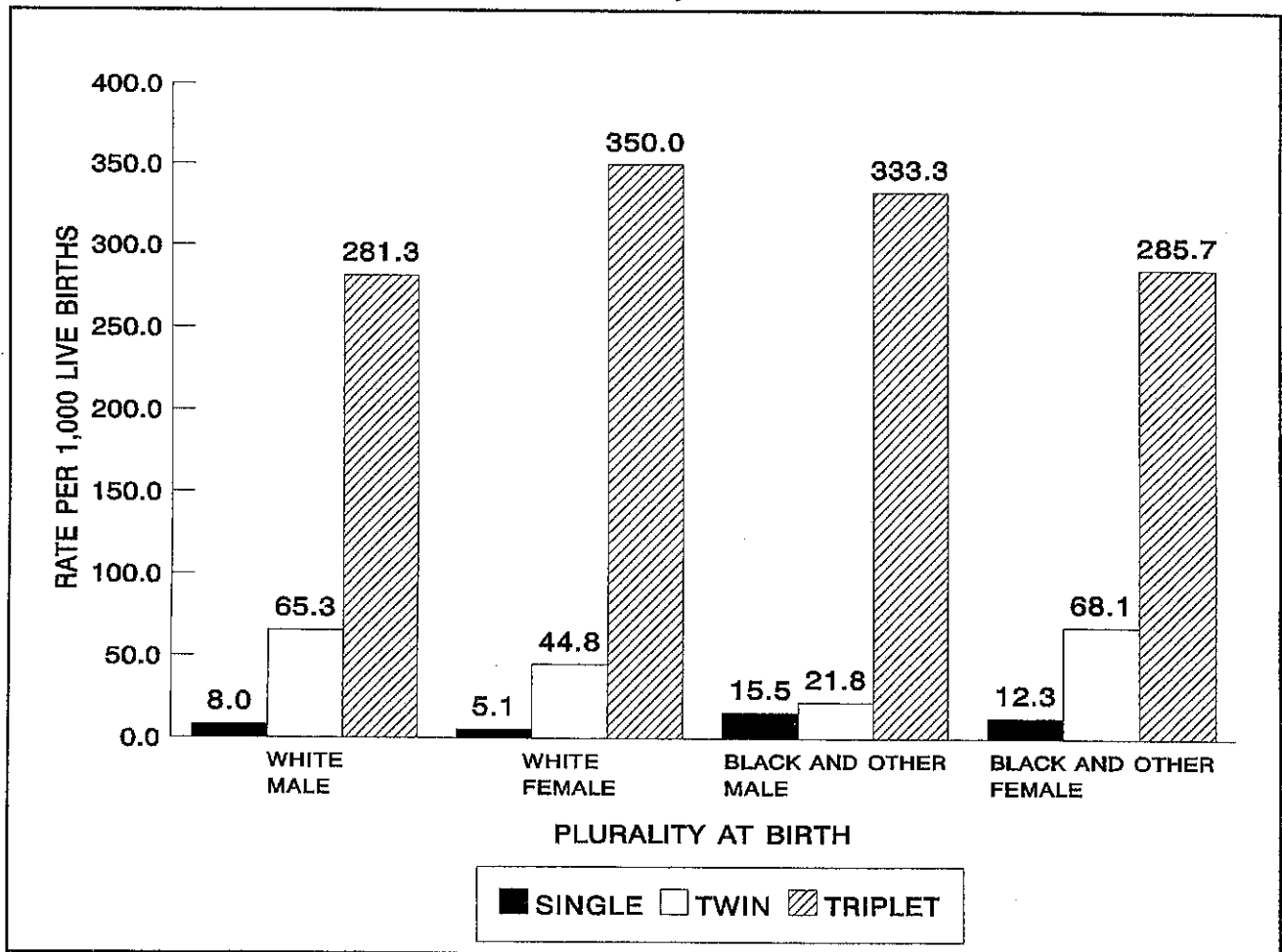
TABLE 37
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE, SEX AND PLURALITY AT BIRTH
ALABAMA, 1996

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
TOTAL	634	10.5	204	9.9	127	6.5	164	15.8	139	14.0
SINGLE	533	9.1	162	8.0	96	5.1	157	15.5	118	12.3
MULTIPLE	101	60.3	42	76.6	31	55.0	7	25.2	21	73.4
TWINS	82	51.4	33	65.3	24	44.8	6	21.8	19	68.1
TRIPLETS ²	19	306.5	9	281.3*	7	350.0*	1	333.3*	2	285.7*

¹ Rate is per 1,000 live births. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures. Caution should also be exercised in using rates which are based on small live birth total. Rates which apply to populations with fewer than 50 live births are denoted by an "*".

² No multiple births higher than triplets resulted in an infant death.

FIGURE 12
INFANT MORTALITY RATES BY RACE,
SEX AND PLURALITY AT BIRTH¹
ALABAMA, 1996



No multiple births higher than triplets resulted in an infant death.

TABLE 38
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY MARITAL STATUS, AGE OF MOTHER AND RACE²
ALABAMA, 1996

AGE OF MOTHER	TOTAL		MARITAL STATUS				NOT STATED
			MARRIED WOMEN		UNMARRIED WOMEN		
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	
TOTAL	634	10.5	330	8.2	304	14.9	—
UNDER 15	6	19.3	—	—	6	20.3	—
15-17	72	17.1	18	22.4	54	15.9	—
18-19	92	13.9	36	14.6	56	13.6	—
20-24	192	10.6	87	8.3	105	13.9	—
25-29	123	7.8	79	6.1	44	15.2	—
30-34	102	9.6	73	7.9	29	20.9	—
35-39	38	9.1	31	8.6	7	12.0	—
40+	7	10.3	4	7.1	3	26.8	—
NOT STATED	2	—	2	—	—	—	—
WHITE²	331	8.2	252	7.5	79	12.0	—
UNDER 15	1	11.8	—	—	1	14.3	—
15-17	33	17.0	18	23.7	15	12.7	—
18-19	49	13.6	32	14.3	17	12.4	—
20-24	94	8.4	68	7.7	26	11.1	—
25-29	63	5.3	52	4.8	11	11.7	—
30-34	63	7.8	56	7.3	7	15.6	—
35-39	22	7.2	22	7.7	—	—	—
40+	4	8.7	2	4.7	2	54.1*	—
NOT STATED	2	—	2	—	—	—	—
BLACK AND OTHER²	303	14.9	78	11.9	225	16.3	—
UNDER 15	5	22.1	—	—	5	22.2	—
15-17	39	17.3	—	—	39	17.6	—
18-19	43	14.4	4	16.9	39	14.2	—
20-24	98	14.2	19	11.3	79	15.1	—
25-29	60	14.8	27	12.8	33	16.9	—
30-34	39	15.6	17	10.8	22	23.4	—
35-39	16	14.0	9	12.0	7	17.9	—
40+	3	13.8	2	14.1	1	13.3	—
NOT STATED	—	—	—	—	—	—	—

¹Rate is per 1,000 live births in specified group. See formula in Appendix B. Caution should be exercised in using rates derived from small figures. Caution should also be exercised in using rates which are based on small live birth totals. Rates which apply to populations with fewer than 50 live births are denoted by an "**".

²Deaths are by race of the decedent and live births are by race of the mother.

TABLE 39
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY LIVE BIRTH ORDER
ALABAMA, 1996

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
TOTAL	60,460	634	10.5
FIRST	26,553	278	10.5
SECOND	20,512	195	9.5
THIRD	9,109	103	11.3
FOURTH	2,823	37	13.1
FIFTH	889	10	11.2
SIXTH	318	8	25.2
SEVENTH & ABOVE	234	2	8.5
NOT STATED	22	1	—

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures.

TABLE 40
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY NUMBER OF PRENATAL VISITS AND RACE OF INFANT
ALABAMA, 1996

PRENATAL VISITS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	331	8.2	303	14.9
NONE	43	67.2	9	39.6	34	82.3
1-2	28	58.3	10	58.4	19	58.3
3-5	134	57.8	53	67.5	81	52.8
6-7	87	25.1	32	21.3	55	28.1
8-10	158	9.9	99	10.1	59	9.5
11-13	99	5.1	68	4.9	31	5.5
14-16	51	3.7	43	4.1	8	2.6
17+	11	2.9	9	3.0	2	2.5
NOT STATED	23	—	9	—	14	—

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures.

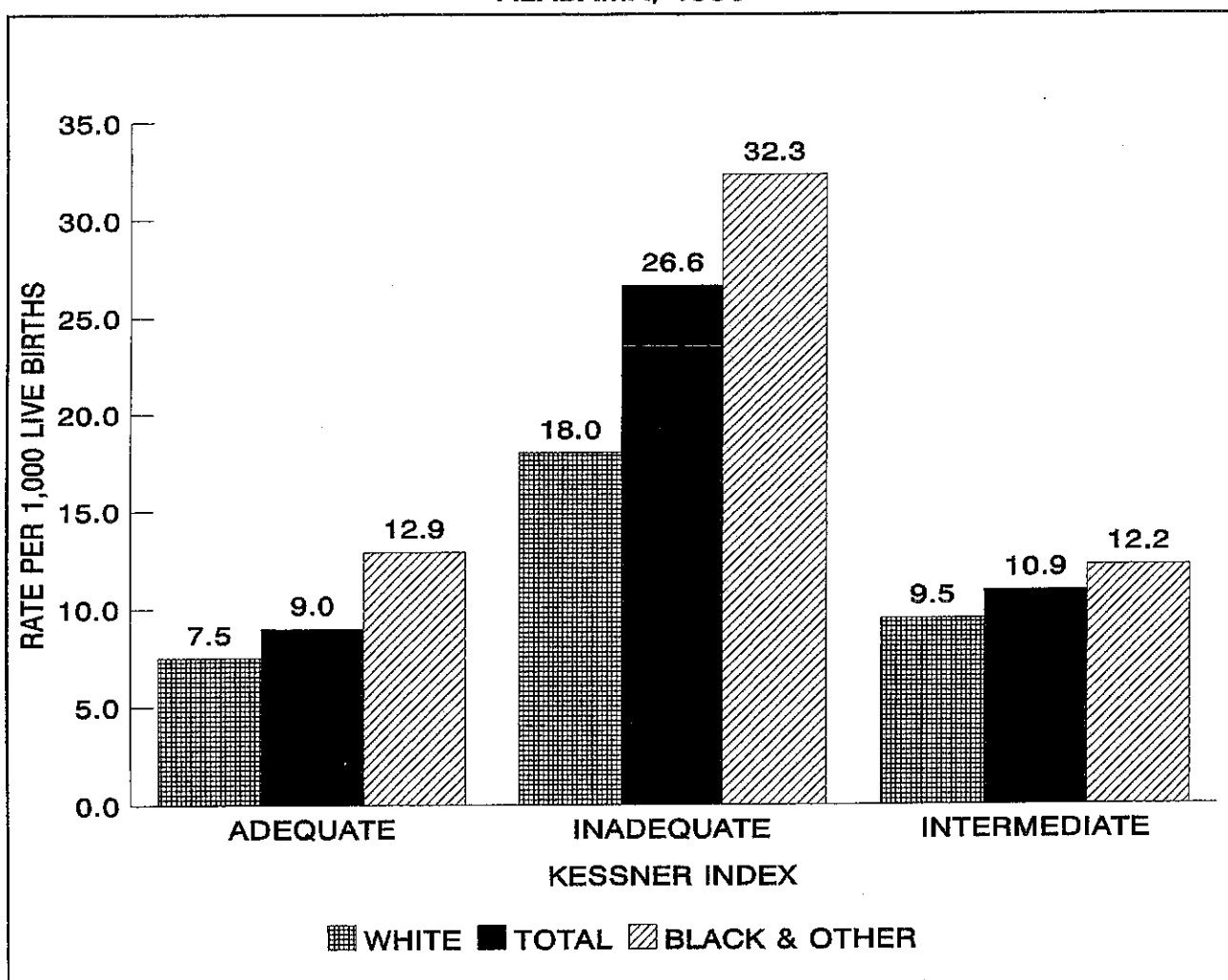
TABLE 41
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY PRENATAL CARE AS DETERMINED BY THE KESSNER INDEX²
ALABAMA, 1996

	ADEQUATE	INADEQUATE	INTERMEDIATE
TOTAL DEATHS	407	90	122
RATE	9.0	26.6	10.9
WHITE	249	24	51
RATE	7.5	18.0	9.5
BLACK AND OTHER	158	66	71
RATE	12.9	32.3	12.2

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures.

²An index that measures quantitative adequacy of prenatal care.

FIGURE 13
INFANT MORTALITY RATES BY PRENATAL CARE
AS DETERMINED BY THE KESSNER INDEX¹
ALABAMA, 1996



¹An index that measures quantitative adequacy of prenatal care. See Technical Notes in Appendix B.

TABLE 42
NEONATAL DEATHS AND NEONATAL MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1996

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1940	2,315	36.7	28.8	1,257	35.2	27.2	1,058	44.1	39.7
1941	2,257	34.6	27.7	1,264	31.2	26.2	993	40.1	39.0
1942	2,182	29.8	25.7	1,210	26.1	24.5	972	36.3	34.6
1943	2,039	26.0	24.7	1,156	23.0	23.7	883	31.5	32.9
1944	2,014	27.1	24.7	1,153	24.4	23.6	861	31.9	32.5
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	4.7 ²	206	5.1	3.9 ²	208	10.2	7.6 ²

¹Rate is per 1,000 live births in specified group. For 1940-1989 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.

²Provisional data.

TABLE 43
POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1996

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE	ALABAMA		U.S. RATE
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
1940	1,547	24.6	18.2	736	18.9	16.0	811	33.8	34.1
1941	1,575	24.1	17.6	734	18.1	15.1	841	34.0	35.8
1942	1,391	19.0	14.7	638	13.7	12.8	753	28.1	30.0
1943	1,440	18.4	15.7	669	13.3	13.8	771	27.5	29.6
1944	1,377	18.6	15.1	663	14.0	13.3	714	26.5	27.8
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	2.6 ²	125	3.1	2.1 ²	95	4.7	4.3 ²

¹Rate is per 1,000 live births in specified group. For 1940-1989 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.

²Provisional data.

TABLE 44
NEONATAL AND POSTNEONATAL DEATHS AND MORTALITY
RATES¹ BY COUNTY OF RESIDENCE
ALABAMA, 1996

COUNTY	TOTAL		NEONATAL		POSTNEONATAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	634	10.5	414	6.8	220	3.6
Autauga	10	17.1	8	13.7	2	3.4
Baldwin	10	6.3	7	4.4	3	1.9
Barbour	2	6.0	2	6.0	—	—
Bibb	7	25.3	6	21.7	1	3.6
Blount	4	6.3	2	3.1	2	3.1
Bullock	2	11.2	2	11.2	—	—
Butler	1	3.4	1	3.4	—	—
Calhoun	20	12.3	12	7.4	8	4.9
Chambers	4	8.4	2	4.2	2	4.2
Cherokee	2	7.9	1	4.0	1	4.0
Chilton	3	5.9	2	3.9	1	2.0
Choctaw	5	21.1	3	12.7	2	8.4
Clarke	3	6.6	2	4.4	1	2.2
Clay	2	10.4	2	10.4	—	—
Cleburne	1	5.7	1	5.7	—	—
Coffee	10	17.5	7	12.3	3	5.3
Colbert	3	4.3	3	4.3	—	—
Conecuh	4	19.8	4	19.8	—	—
Coosa	4	30.5	1	7.6	3	22.9
Covington	4	8.1	2	4.1	2	4.1
Crenshaw	3	16.0	2	10.7	1	5.3
Cullman	10	10.6	7	7.4	3	3.2
Dale	9	11.6	9	11.6	—	—
Dallas	8	10.1	2	2.5	6	7.5
DeKalb	8	10.2	2	2.5	6	7.6
Elmore	7	8.7	4	4.9	3	3.7
Escambia	4	8.5	3	6.3	1	2.1
Etowah	14	10.7	9	6.9	5	3.8
Fayette	2	9.0	—	—	2	9.0
Franklin	1	2.6	1	2.6	—	—
Geneva	1	3.5	1	3.5	—	—
Greene	1	5.7	—	—	1	5.7
Hale	7	24.5	4	14.0	3	10.5
Henry	3	13.0	2	8.7	1	4.3
Houston	13	10.5	8	6.5	5	4.0
Jackson	6	8.6	3	4.3	3	4.3
Jefferson	102	11.3	74	8.2	28	3.1
Lamar	—	—	—	—	—	—
Lauderdale	14	13.8	6	5.9	8	7.9
Lawrence	5	13.1	3	7.9	2	5.2
Lee	9	6.5	7	5.1	2	1.5
Limestone	6	7.2	5	6.0	1	1.2
Lowndes	1	4.8	1	4.8	—	—
Macon	8	22.0	4	11.0	4	11.0
Madison	26	6.8	19	5.0	7	1.8
Marengo	3	8.5	2	5.7	1	2.8
Marion	1	2.6	1	2.6	—	—
Marshall	8	7.0	3	2.6	5	4.4
Mobile	72	11.5	47	7.5	25	4.0
Monroe	—	—	—	—	—	—
Montgomery	45	12.8	31	8.8	14	4.0
Morgan	18	13.1	12	8.7	6	4.4
Perry	1	5.0	1	5.0	—	—
Pickens	4	13.1	3	9.8	1	3.3
Pike	4	9.9	1	2.5	3	7.4
Randolph	1	3.4	1	3.4	—	—
Russell	12	18.1	9	13.6	3	4.5
St. Clair	5	6.5	2	2.6	3	3.9
Shelby	18	9.2	8	4.1	10	5.1
Sumter	1	4.2	1	4.2	—	—
Talladega	17	16.0	11	10.4	6	5.7
Tallapoosa	7	11.9	4	6.8	3	5.1
Tuscaloosa	20	9.3	17	7.9	3	1.4
Walker	18	18.5	9	9.3	9	9.3
Washington	2	8.2	1	4.1	1	4.1
Wilcox	6	25.1	3	12.6	3	12.6
Winston	2	6.9	1	3.5	1	3.5

¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures. Caution should also be exercised in using rates which are based on small live birth totals.

TABLE 45
NEONATAL AND POSTNEONATAL DEATHS AND MORTALITY RATES¹
BY CAUSE OF DEATH
ALABAMA, 1996

CAUSES OF DEATH	TOTAL		NEONATAL		POSTNEONATAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	634	10.5	414	6.8	220	3.6
Certain Intestinal Infections, 008-009	1	1.7	—	—	1	1.7
Septicemia, 038	4	6.6	—	—	4	6.6
Remainder of Infectious and Parasitic Diseases, 001-007, 010-037, 039-139	6	9.9	—	—	6	9.9
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1	1.7	1	1.7	—	—
Diseases of Blood Forming Organs, 280-289	2	3.3	—	—	2	3.3
Meningitis, 320-322	3	5.0	—	—	3	5.0
Other Diseases of Nervous System and Sense Organs, 323-389	5	8.3	2	3.3	3	5.0
Major Cardiovascular Diseases, 390-448	29	48.0	8	13.2	21	34.7
Diseases of the Heart, 390-398, 402, 404-429	28	46.3	7	11.6	21	34.7
Other Major Cardiovascular Diseases, 401, 403, 430-438, 440-448	1	1.7	1	1.7	—	—
Acute Upper Respiratory Infections, 460-465	3	5.0	1	1.7	2	3.3
Pneumonia and Influenza, 480-487	2	3.3	—	—	2	3.3
Remainder of Diseases of Respiratory System, 466-478, 490-519	2	3.3	—	—	2	3.3
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis, 535, 555-558	5	8.3	—	—	5	8.3
Remainder of Diseases of Digestive System, 520-534, 536-553, 560-579	6	9.9	1	1.7	5	8.3
Congenital Anomalies, 740-759	119	196.8	79	130.7	40	66.2
Anencephalus and Similar Anomalies, 740	4	6.6	4	6.6	—	—
Spina Bifida, 741	1	1.7	—	—	1	1.7
Congenital Hydrocephalus, 742.3	5	8.3	3	5.0	2	3.3
Other Congenital Anomalies of Central Nervous System and Eye, 742.0-742.2, 742.4-742.9, 743	7	11.6	4	6.6	3	5.0
Congenital Anomalies of Heart, 745-746	38	62.9	19	31.4	19	31.4
Other Congenital Anomalies of Circulatory System, 747	2	3.3	1	1.7	1	1.7
Congenital Anomalies of Respiratory System, 748	16	26.5	15	24.8	1	1.7
Congenital Anomalies of Digestive System, 749-751	3	5.0	2	3.3	1	1.7
Congenital Anomalies of Genitourinary System, 752-753	5	8.3	4	6.6	1	1.7
Congenital Anomalies of Musculoskeletal System, 754-756	11	18.2	6	9.9	5	8.3
Down's Syndrome, 758.0	1	1.7	1	1.7	—	—
Other Chromosomal Anomalies, 758.1-758.9	15	24.8	12	19.8	3	5.0
Other and Unspecified Congenital Anomalies, 744, 757, 759	11	18.2	8	13.2	3	5.0
Certain Conditions Originating in the Perinatal Period, 760-779	316	522.7	301	497.8	15	24.8
Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy, 760	5	8.3	5	8.3	—	—
Newborn Affected by Maternal Complications of Pregnancy, 761	26	43.0	25	41.3	1	1.7
Newborn Affected by Complications of Placenta, Cord, and Membranes, 762	17	28.1	17	28.1	—	—
Newborn Affected by Other Complications of Labor and Delivery, 763	1	1.7	1	1.7	—	—
Slow Fetal Growth and Fetal Malnutrition, 764	1	1.7	1	1.7	—	—
Disorders Relating to Short Gestation and Unspecified Low Birthweight, 765	102	168.7	100	165.4	2	3.3
Disorders Relating to Long Gestation and High Birthweight, 766	—	—	—	—	—	—
Birth Trauma, 767	6	9.9	6	9.9	—	—
Intrauterine Hypoxia and Birth Asphyxia, 768	7	11.6	6	9.9	1	1.7
Fetal Distress in Liveborn Infant, 768.2-768.4	4	6.6	3	5.0	1	1.7
Birth Asphyxia, 768.5-768.9	3	5.0	3	5.0	—	—
Respiratory Distress Syndrome, 769	46	76.1	45	74.4	1	1.7
Other Respiratory Conditions of Newborn, 770	22	36.4	18	29.8	4	6.6
Infections Specific to the Perinatal Period, 771	22	36.4	18	29.8	4	6.6
Neonatal Hemorrhage, 772	12	19.8	12	19.8	—	—
Other Ill-Defined Conditions Originating in the Perinatal Period, 773-779	49	81.0	47	77.7	2	3.3
Symptoms, Signs, and Ill-Defined Conditions, 780-799	91	150.5	13	21.5	78	129.0
Sudden Infant Death Syndrome, 798.0	71	117.4	4	6.6	67	110.8
Symptoms, Signs, and Other Ill-Defined Conditions, 780-797, 798.1-799	20	33.1	9	14.9	11	18.2
Accidents and Adverse Effects, E800-E949	20	33.1	—	—	20	33.1
Motor Vehicle Accidents, E810-E825	7	11.6	—	—	7	11.6
Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract or Suffocation, E911-E912	5	8.3	—	—	5	8.3
Accidental Mechanical suffocation, E913	2	3.3	—	—	2	3.3
Other Accidental Causes and Adverse Effects, E800-E807, E826-E910, E914-E949	6	9.9	—	—	6	9.9
Homicide, E960-E969	9	14.9	1	1.7	8	13.2
Child Battering and Other Maltreatment, E967	4	6.6	—	—	4	6.6
Other Homicide, E960-E966, E968-E969	5	8.3	1	1.7	4	6.6
All Other Causes, Residual	10	16.5	7	11.6	3	5.0

¹Total rate is per 1,000 live births and cause-specific rates are per 100,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures.

TABLE 46
PERINATAL DEATHS AND PERINATAL MORTALITY RATES¹
BY COUNTY OF RESIDENCE AND RACE
ALABAMA, 1996

COUNTY	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	627	10.3	313	7.8	314	15.3
Autauga	8	13.7	3	6.6	5	38.2
Baldwin	8	5.0	6	4.4	2	9.0
Barbour	2	6.0	—	—	2	10.3
Bibb	9	32.1	9	46.2	—	—
Blount	4	6.3	4	6.4	—	—
Bullock	2	11.1	1	45.5*	1	6.3
Butler	3	10.2	—	—	3	19.9
Calhoun	20	12.2	13	10.9	7	15.7
Chambers	7	14.6	4	15.2	3	13.8
Cherokee	2	7.9	2	8.3	—	—
Chilton	2	3.9	2	4.5	—	—
Choctaw	5	20.9	3	24.2	2	17.4
Clarke	1	2.2	—	—	1	4.3
Clay	2	10.4	2	13.2	—	—
Cleburne	1	5.7	1	6.1	—	—
Coffee	9	15.7	7	16.5	2	13.4
Colbert	2	2.9	1	1.8	1	7.7
Conecuh	4	19.8	2	29.8	2	16.9
Coosa	2	15.2	1	14.5	1	15.9
Covington	2	4.1	—	—	2	17.9
Crenshaw	2	10.7	1	8.2	1	15.4
Cullman	6	6.4	6	6.4	—	—
Dale	15	19.1	9	15.8	6	27.6
Dallas	13	16.1	3	15.2	10	16.4
DeKalb	9	11.3	9	12.0	—	—
Elmore	7	8.6	4	6.8	3	13.5
Escambia	7	14.7	4	13.9	3	15.9
Etowah	12	9.1	10	9.5	2	7.5
Fayette	—	—	—	—	—	—
Franklin	3	7.7	3	8.4	—	—
Geneva	3	10.5	2	8.2	1	24.4*
Greene	—	—	—	—	—	—
Hale	5	17.4	2	22.5	3	15.2
Henry	3	13.0	—	—	3	34.9
Houston	10	8.1	4	4.7	6	15.3
Jackson	8	11.4	6	9.1	2	44.4*
Jefferson	110	12.2	44	9.0	66	15.9
Lamar	—	—	—	—	—	—
Lauderdale	10	9.8	7	7.8	3	24.8
Lawrence	1	2.6	1	3.1	—	—
Lee	9	6.5	5	5.4	4	8.7
Limestone	10	11.9	7	9.6	3	27.3
Lowndes	2	9.5	—	—	2	11.4
Macon	5	13.7	—	—	5	16.1
Madison	38	9.9	20	7.4	18	15.9
Marengo	3	8.5	—	—	3	13.3
Marion	3	7.8	3	8.1	—	—
Marshall	5	4.4	5	4.5	—	—
Mobile	68	10.9	29	8.1	39	14.5
Monroe	1	2.6	—	—	1	5.2
Montgomery	46	13.0	6	4.0	40	19.4
Morgan	14	10.1	10	8.6	4	18.4
Perry	7	34.0	2	48.8*	5	30.3
Pickens	3	9.8	—	—	3	16.0
Pike	4	9.8	1	4.5	3	15.9
Randolph	2	6.8	2	9.4	—	—
Russell	8	12.0	1	2.6	7	24.5
St. Clair	3	3.9	2	2.9	1	12.8
Shelby	9	4.6	6	3.3	3	20.3
Sumter	2	8.4	—	—	2	10.2
Talladega	17	15.9	7	10.4	10	25.3
Tallapoosa	3	5.1	1	2.7	2	8.9
Tuscaloosa	24	11.1	14	10.8	10	11.5
Walker	10	10.3	9	10.0	1	12.7
Washington	3	12.1	1	6.9	2	19.6
Wilcox	4	16.7	1	27.0*	3	14.8
Winston	5	17.1	5	17.2	—	—

¹Rate is per 1,000 live births and fetal deaths of 28 or more weeks in gestation. Infant deaths are by race of decedent. Fetal deaths and live births are by race of mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures. Caution should also be exercised in using rates which are based on small delivery totals. Rates which apply to populations with fewer than 50 deliveries are denoted by an "**".

MATERNAL MORTALITY

Maternal deaths have dropped significantly since 1940 when there were 386 maternal deaths for a rate of 61.3 per 10,000 live births. In 1996, there were seven maternal deaths, an increase of one and the second lowest total on record.

Alabama's maternal death rate of 1.2 was the third lowest rate on record; yet, Alabama's maternal death rate has been higher than the national rate since recording began in 1940. The national provisional maternal death rate in 1996 was 0.7. There have been many years when Alabama's rate was more than double the national rate and a few years when the rate almost tripled the national rate.

Five of the maternal deaths were to black and

other race women and two deaths were to white women.

The mothers' ages for maternal mortality were spread over a wide age range. There were two deaths each in age groups 25-29 and 35-39 with one each in age groups 15-19, 20-24, and 30-34.

Jefferson county, with three maternal deaths, was the only county reporting more than one death. Clarke, Clay, Madison and Montgomery each had one maternal death.

Cardiovascular disease, hypertension, and obstetrical pulmonary embolism each accounted for two maternal deaths with the seventh death due to complications of labor and/or delivery.

TABLE 47
MATERNAL DEATHS AND MATERNAL MORTALITY RATES¹
BY RACE AND AGE OF MOTHER²
ALABAMA, 1996

RACE	TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	7 4.1	—	1	1	2	1	2	—	—
WHITE	2 2.1	—	—	1	—	—	1	—	—
BLACK AND OTHER	5 6.6	—	1	—	2	1	1	—	—

¹Rate is per 10,000 live births in specified group. Deaths are by race of the decedent. Live births are by race of the child prior to 1990 and by race of the mother since 1990. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers.

²Due to very small numbers, rates were omitted under all age groups.

FIGURE 14
MATERNAL MORTALITY RATES
ALABAMA AND UNITED STATES, 1950-1996

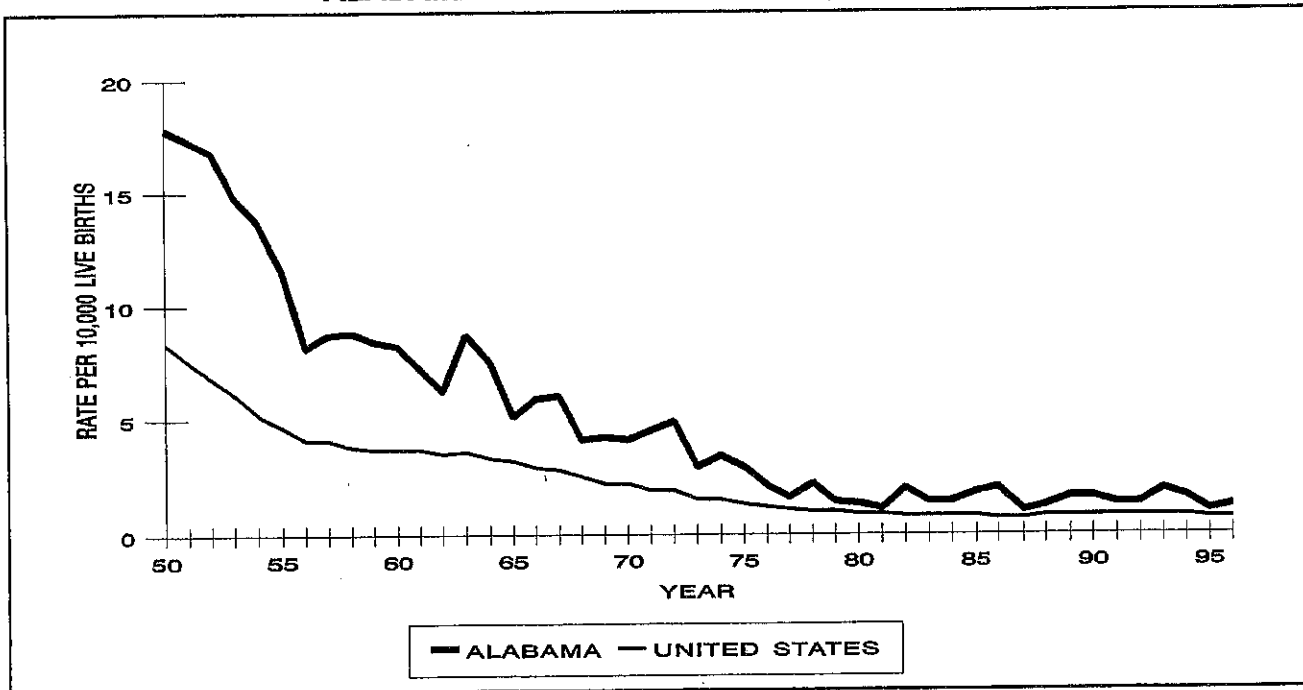


TABLE 48
MATERNAL DEATHS AND MATERNAL MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1996

YEAR	TOTAL			WHITE		BLACK AND OTHER	
	ALABAMA		U.S. RATE	ALABAMA		ALABAMA	
	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
1940	386	61.3	37.6	161	41.3	225	93.7
1941	343	52.5	31.7	145	35.8	198	80.0
1942	292	39.9	25.9	128	27.6	164	61.3
1943	300	38.3	24.5	151	30.0	149	53.2
1944	284	38.3	22.8	119	25.2	165	61.1
1945	233	33.2	20.7	108	24.6	125	47.6
1946	201	25.5	15.7	76	14.9	125	44.7
1947	230	26.2	13.5	98	17.0	132	43.7
1948	195	22.8	11.7	66	12.3	129	40.7
1949	162	19.2	9.0	68	13.1	94	29.1
1950	147	17.8	8.3	51	10.3	96	29.2
1951	145	17.3	7.5	51	10.0	94	28.7
1952	139	16.8	6.8	43	8.4	96	30.2
1953	122	14.8	6.1	32	6.3	90	28.3
1954	113	13.7	5.2	35	6.9	78	24.6
1955	95	11.6	4.7	38	7.6	57	17.8
1956	68	8.1	4.1	31	6.0	37	11.3
1957	73	8.7	4.1	15	2.9	58	18.1
1958	72	8.8	3.8	24	4.7	48	15.6
1959	69	8.4	3.7	22	4.3	47	15.0
1960	66	8.2	3.7	21	4.1	45	14.9
1961	58	7.2	3.7	11	2.2	47	15.6
1962	49	6.2	3.5	11	2.2	38	13.0
1963	66	8.7	3.6	17	3.6	49	17.4
1964	57	7.5	3.3	18	3.7	39	13.9
1965	36	5.1	3.2	12	2.7	24	9.3
1966	39	5.9	2.9	8	1.9	31	13.2
1967	39	6.0	2.8	13	3.1	26	11.4
1968	26	4.1	2.5	8	1.9	18	8.4
1969	27	4.2	2.2	4	0.9	23	10.8
1970	28	4.1	2.2	9	2.0	19	8.6
1971	30	4.5	1.9	11	2.5	19	8.4
1972	30	4.9	1.9	13	3.2	17	7.9
1973	17	2.9	1.5	5	1.3	12	5.8
1974	20	3.4	1.5	5	1.3	15	7.2
1975	17	2.9	1.3	5	1.3	12	5.9
1976	12	2.1	1.2	4	1.1	8	3.9
1977	10	1.6	1.1	1	0.2	9	4.2
1978	13	2.2	1.0	5	1.3	8	3.7
1979	9	1.4	1.0	1	0.3	8	3.5
1980	8	1.3	0.9	4	1.0	4	1.8
1981	7	1.1	0.9	3	0.8	4	1.8
1982	12	2.0	0.8	3	0.8	9	4.2
1983	8	1.4	0.8	4	1.0	4	1.9
1984	8	1.4	0.8	4	1.0	4	1.9
1985	11	1.8	0.8	3	0.8	8	3.9
1986	12	2.0	0.7	3	0.8	9	4.3
1987	6	1.0	0.7	2	0.5	4	1.9
1988	7	1.2	0.8	5	1.3	2	0.9
1989	10	1.6	0.8	4	1.0	6	2.7
1990	10	1.6	0.8	5	1.2	5	2.2
1991	8	1.3	0.8	2	0.5	6	2.7
1992	8	1.3	0.8	3	0.7	5	2.3
1993	12	1.9	0.8	2	0.5	10	4.6
1994	10	1.6	0.8	3	0.8	7	3.3
1995	6	1.0	0.7	—	—	6	2.9
1996	7	1.2	0.7 ²	2	0.5	5	2.5

¹Rate is per 10,000 live births in specified group. Deaths are by race of the decedent. Live births are by race of the child prior to 1990 and by race of the mother since 1990. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers.

²Provisional data.

TABLE 49
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	AUTAUGA COUNTY						BALDWIN COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	345	9.7	274	9.6	71	10.4	1,145	10.4	1,016	10.6	129	9.2
Tuberculosis, All Forms, 010-018	1	2.8	—	—	—	—	1	0.9	1	1.0	—	—
Meningococcal Infection, 036	3	8.4	1	3.5	2	14.6	12	10.9	10	10.4	2	14.2
Septicemia, 038	3	8.4	1	3.5	2	29.2	8	7.3	5	5.2	3	21.3
Human Immunodeficiency Virus Infection, 042-044	1	2.8	1	3.5	—	—	1	0.9	—	—	1	7.1
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	86	242.1	72	261.2	14	204.4	292	265.2	265	276.0	27	191.7
Lip, Oral Cavity and Pharynx, 140-149	3	8.4	1	3.5	2	29.2	4	3.6	4	4.2	—	—
Digestive Organs and Peritoneum, 150-159	22	61.9	19	66.3	3	43.8	61	55.4	55	57.3	6	42.6
Respiratory and Intrathoracic Organs, 160-165	26	73.2	23	80.2	3	43.8	100	90.8	95	99.0	5	35.5
Breast, 174-175	6	16.9	5	17.4	1	14.6	15	13.6	12	12.5	3	21.3
Genitourinary Organs, 179-189	11	31.0	9	31.4	2	29.2	47	42.7	38	39.6	9	63.9
Leukemia, 204-208	1	2.8	—	—	1	14.6	14	12.7	12	12.5	2	14.2
All Other Sites, 166-173, 176-178, 190-203	17	47.9	15	52.3	2	29.2	51	46.3	49	51.0	2	14.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	5.6	2	7.0	—	—	8	7.3	8	8.3	—	—
Diabetes Mellitus, 250	15	42.2	9	31.4	6	87.6	40	36.3	31	32.3	9	63.9
Nutritional Deficiencies, 260-269	1	2.8	1	3.5	—	—	2	1.8	2	2.1	—	—
Anemias, 280-285	2	5.6	1	3.5	1	14.6	11	10.0	10	10.4	1	7.1
Meningitis, 320-322	1	2.8	1	3.5	—	—	2	1.8	2	2.1	—	—
Alzheimer's Disease, 3310	138	388.6	112	390.7	26	379.6	421	382.4	373	388.5	48	340.7
Major Cardiovascular Diseases, 390-448	112	315.4	90	314.0	22	321.2	295	268.0	263	273.9	32	227.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	5	14.1	3	10.5	2	29.2	15	13.6	11	11.5	4	28.4
Diseases of Heart, 390-398, 402, 404-429	62	174.6	47	164.0	15	219.0	111	100.8	99	103.1	12	85.2
Hypertension with Heart and Renal Disease, 402, 404	45	126.7	40	139.5	5	73.0	169	153.5	153	159.4	16	113.6
Ischemic Heart Disease, 410-414	1	2.8	1	3.5	—	—	5	4.5	5	5.2	—	—
Other Diseases of Heart, 405, 415-429	23	64.8	19	66.3	4	58.4	88	79.9	73	76.0	15	106.5
Hypertension with or without Renal Disease, 401, 403	2	5.6	2	7.0	—	—	33	30.0	32	33.3	1	7.1
Cerebrovascular Disease, 430-438	2	5.6	2	7.0	—	—	20	18.2	19	19.8	1	7.1
Diseases of the Arteries, 440-448	2	5.6	2	7.0	—	—	13	11.8	13	13.5	—	—
Atherosclerosis, 440	—	—	—	—	—	—	1	0.9	1	1.0	—	—
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	84	30.9	30	31.2	4	28.4
Acute Bronchitis and Bronchiolitis, 466	8	22.5	8	27.9	—	—	54	49.0	50	52.1	4	28.4
Pneumonia and Influenza, 480-487	15	42.2	14	48.8	1	14.6	17	15.4	16	16.7	1	7.1
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	2.8	1	3.5	—	—	37	33.6	34	35.4	3	21.3
Bronchitis, Emphysema and Asthma, 490-493	14	39.4	13	45.3	1	14.6	2	1.8	2	2.1	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	3	8.4	2	7.0	1	14.6	3	2.7	3	3.1	—	—
Chronic Liver Disease and Cirrhosis, 571	1	2.8	1	3.5	—	—	10	9.1	10	10.4	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	5	14.1	3	10.5	2	29.2	10	9.1	7	7.3	3	21.3
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	4	11.3	3	10.5	1	14.6	4	3.6	4	4.2	—	—
Congenital Anomalies, 740-759	7	19.7	5	17.4	2	29.2	4	3.6	3	3.1	1	7.1
Certain Conditions Originating in the Perinatal Period, 760-779	4	11.3	3	10.5	1	14.6	22	20.0	18	18.7	4	28.4
Symptoms and Ill-Defined Conditions, 780-799	13	36.6	9	31.4	4	58.4	57	51.8	50	52.1	7	49.7
Accidents, E800-E949	6	16.9	6	20.9	—	—	38	34.5	33	34.4	5	35.5
Motor Vehicle Accidents, E810-E825	7	19.7	6	19.7	—	—	19	17.3	17	17.7	2	14.2
All Other Accidents, E800-E809, E826-E949	3	8.4	3	10.5	—	—	22	20.0	22	22.9	—	—
Suicide, E950-E959	6	16.9	3	10.5	3	43.8	11	10.0	7	7.3	4	28.4
Homicide and Legal Intervention, E960-E978	23	64.8	19	66.3	4	58.4	113	102.6	102	106.2	11	78.1
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.

² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	BARBOUR COUNTY						BIBB COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	273	10.6	162	11.4	111	9.7	198	11.6	164	12.0	34	9.8
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	2	7.8	1	7.0	1	8.8	4	23.4	4	29.3	—	—
Human Immunodeficiency Virus Infection, 042-044	2	7.8	—	—	2	17.5	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	82	319.7	50	351.4	32	280.2	45	263.0	39	286.7	6	173.6
Lip, Oral Cavity and Pharynx, 140-149	2	7.8	2	14.1	—	—	1	5.8	1	7.3	—	—
Digestive Organs and Peritoneum, 150-159	17	66.3	9	63.2	8	70.0	8	46.8	6	43.9	2	57.9
Respiratory and Intra-thoracic Organs, 160-165	17	66.3	12	84.3	5	43.8	9	52.6	9	65.9	—	—
Breast, 174-175	1	27.3	5	35.1	2	17.5	4	23.4	3	22.0	1	28.9
Genitourinary Organs, 179-189	11	42.9	7	49.2	4	35.0	7	40.9	6	43.9	1	28.9
Leukemia, 204-208	3	11.7	1	7.0	2	17.5	2	11.7	2	14.6	—	—
All Other Sites, 166-173, 176-178, 190-203	25	97.5	14	98.4	11	96.3	14	81.8	12	87.9	2	57.9
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes Mellitus, 250	5	19.5	2	14.1	3	26.3	6	35.1	4	29.3	2	57.9
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	1	3.9	—	—	1	8.8	—	—	—	—	—	—
Meningitis, 320-322	1	3.9	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	122	475.6	72	506.0	50	437.8	83	486.1	68	498.1	15	434.0
Major Cardiovascular Diseases, 390-448	98	362.0	60	421.6	38	332.7	50	292.2	41	300.3	9	260.4
Diseases of Heart, 390-398, 402, 404-429	29	113.1	21	147.6	8	70.0	29	175.5	24	175.5	5	144.7
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	68	265.1	38	267.0	30	262.7	18	105.2	14	102.5	4	115.7
Hypertension with Heart and Renal Disease, 402, 404	1	3.9	1	7.0	—	—	2	11.7	1	7.3	1	28.9
Ischemic Heart Disease, 410-414	17	66.3	6	42.2	11	96.3	28	163.7	23	168.5	5	144.7
Other Diseases of Heart, 405, 415-429	6	23.4	5	35.1	1	8.8	3	17.5	3	22.0	—	—
Hypertension with or without Renal Disease, 401, 403	3	11.7	2	14.1	1	8.8	—	—	—	—	—	—
Cerebrovascular Disease, 430-438	3	11.7	3	21.1	—	—	3	17.5	3	22.0	—	—
Diseases of the Arteries, 440-448	—	—	—	—	—	—	—	—	—	—	—	—
Atherosclerosis, 440	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	10	39.0	7	49.2	3	26.3	5	29.2	5	36.6	—	—
Acute Bronchitis and Bronchiolitis, 466	5	19.5	3	21.1	2	17.5	7	40.9	7	51.3	—	—
Pneumonia and Influenza, 480-487	5	19.5	3	21.1	2	17.5	4	23.4	4	29.3	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	5	19.5	3	21.1	2	17.5	3	17.5	3	22.0	—	—
Bronchitis, Emphysema and Asthma, 490-493	—	—	—	—	—	—	—	—	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	7.8	2	14.1	—	—	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	4	15.6	2	14.1	2	17.5	2	11.7	2	14.6	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	5	19.5	3	21.1	2	17.5	1	5.8	1	7.3	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	3.9	—	—	1	8.8	2	11.7	1	7.3	1	28.9
Certain Conditions Originating in the Perinatal Period, 760-779	2	7.8	—	—	2	17.5	5	29.2	5	36.6	—	—
Symptoms and Ill-Defined Conditions, 780-799	8	31.2	4	28.1	4	35.0	4	23.4	3	22.0	1	28.9
Accidents, E800-E949	5	19.5	2	14.1	3	26.3	11	64.3	7	51.3	4	115.7
Motor Vehicle Accidents, E810-E825	3	11.7	2	14.1	1	8.8	5	29.2	2	14.6	3	86.8
All Other Accidents, E800-E809, E826-E949	2	7.8	2	14.1	1	8.8	6	36.1	5	36.6	1	28.9
Suicide, E950-E959	3	11.7	1	7.0	2	17.5	4	23.4	4	29.3	—	—
Homicide and Legal Intervention, E960-E978	3	11.7	1	7.0	2	17.5	1	5.8	1	7.3	—	—
All Other Diseases, Residual	16	62.4	12	84.3	4	35.0	16	93.5	11	80.6	5	144.7

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	BLOUNT COUNTY						BULLOCK COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	432	10.6	426	10.6	6	8.4 ²	134	12.0	40	14.5	94	11.2
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	2	17.9	—	—	2	23.9
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	2	4.9	2	5.0	—	—	2	17.9	1	36.2	1	11.9
Human Immunodeficiency Virus Infection, 042-044	2	4.9	2	5.0	—	—	1	9.0	—	—	1	11.9
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	108	264.3	108	269.0	—	—	24	215.4	7	253.6	17	202.8
Lip, Oral Cavity and Pharynx, 140-149	1	2.4	1	2.5	—	—	3	26.9	1	36.2	2	23.9
Digestive Organs and Peritoneum, 150-159	20	48.9	20	49.8	—	—	5	44.9	3	108.7	2	23.9
Respiratory and Intra-thoracic Organs, 160-165	35	85.7	35	87.2	—	—	5	44.9	1	36.2	4	47.7
Breast, 174-175	9	22.0	9	22.4	—	—	1	9.0	—	—	1	11.9
Genitourinary Organs, 179-189	16	39.2	16	39.9	—	—	6	53.8	—	—	6	71.6
Leukemia, 204-208	2	4.9	2	5.0	—	—	—	—	—	—	—	—
All Other Sites, 166-173, 176-178, 190-203	25	61.2	25	62.3	—	—	4	35.9	2	72.5	2	23.9
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	2.4	1	2.5	—	—	—	—	—	—	—	—
Diabetes Mellitus, 250	10	24.5	10	24.9	—	—	6	53.8	—	—	6	71.6
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	—	—	—	—	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	2	4.9	2	5.0	—	—	3	26.9	2	72.5	1	11.9
Diseases of Heart, 390-398, 402, 404-429	170	416.1	167	416.0	3	421.9 ²	52	466.7	16	579.7	36	429.4
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	137	335.3	135	336.2	2	281.3 ²	40	359.0	14	507.2	26	310.2
Hypertension with Heart and Renal Disease, 402, 404	2	4.9	2	5.0	—	—	2	17.9	—	—	2	23.9
Ischemic Heart Disease, 410-414	66	161.5	66	164.4	—	—	26	233.3	7	253.6	19	226.6
Other Diseases of Heart, 405, 415-429	69	168.9	67	166.9	2	281.3 ²	12	107.7	7	253.6	5	59.6
Hypertension with or without Renal Disease, 401, 403	1	2.4	1	2.5	—	—	1	9.0	—	—	1	11.9
Cerebrovascular Disease, 430-438	28	68.5	28	69.7	—	—	11	98.7	2	72.5	9	107.4
Diseases of the Arteries, 440-448	4	9.8	3	7.5	1	140.6 ²	—	—	—	—	—	—
Atherosclerosis, 440	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	4	9.8	3	7.5	1	140.6 ²	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	18	44.1	18	44.8	—	—	3	26.9	1	36.2	2	23.9
Pneumonia and Influenza, 480-487	20	48.9	20	49.8	—	—	4	35.9	2	72.5	2	23.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	7	17.1	7	17.4	—	—	2	17.9	1	36.2	1	11.9
Bronchitis, Emphysema and Asthma, 490-493	13	31.8	13	32.4	—	—	2	17.9	1	36.2	1	11.9
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	2.4	1	2.5	—	—	1	9.0	—	—	1	11.9
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	3	7.3	3	7.5	—	—	1	9.0	1	36.2	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	4.9	2	5.0	—	—	1	9.0	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	5	12.2	5	12.5	—	—	7	62.8	1	36.2	6	71.6
Infections of the Kidney, 590	1	2.4	1	2.5	—	—	1	9.0	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	2	4.9	2	5.0	—	—	2	17.9	2	72.5	—	—
Congenital Anomalies, 740-759	12	29.4	12	29.9	—	—	1	9.0	—	—	1	11.9
Certain Conditions Originating in the Perinatal Period, 760-779	23	56.3	22	54.8	1	140.6 ²	12	107.7	1	36.2	11	131.2
Symptoms and Ill-Defined Conditions, 780-799	11	26.9	10	24.9	1	140.6 ²	8	71.8	1	36.2	7	83.5
Accidents, E800-E949	12	29.4	12	29.9	—	—	4	35.9	—	—	4	47.7
Motor Vehicle Accidents, E810-E825	9	22.0	9	22.4	—	—	—	—	—	—	—	—
All Other Accidents, E800-E809, E826-E949	3	7.3	3	7.5	—	—	1	9.0	—	—	—	—
Suicide, E950-E959	3	7.3	3	7.5	—	—	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	37	90.6	35	87.2	2	281.3 ²	10	89.7	3	108.7	7	83.5
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	BUTLER COUNTY						CALHOUN COUNTY						BLACK AND OTHER	
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER		NUMBER	RATE
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	294	13.6	204	16.1	90	10.1	1,268	11.0	1,043	11.4	215	9.2		
Tuberculosis, All Forms, 010-018														
Meningococcal Infection, 036														
Septicemia, 038	1	4.6	1	7.9	1	11.2	13	11.3	11	12.0	2	8.5		
Human Immunodeficiency Virus Infection, 042-044	1	4.6	1				8	7.0	4	4.4	4	17.1		
Viral Hepatitis, 070														
Syphilis, 090-097														
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	47	217.2	34	267.7	13	145.5	311	270.9	270	295.5	41	175.0		
Lip, Oral Cavity and Pharynx, 140-149	10	46.2	6	47.2	4	44.8	3	2.6	2	2.2	1	4.3		
Digestive Organs and Peritoneum, 150-159	15	69.3	11	86.6	4	44.8	30	26.1	24	26.3	6	25.6		
Respiratory and Intrathoracic Organs, 160-165	6	27.7	4	31.5	2	22.4	103	89.7	93	101.8	10	42.7		
Breast, 174-175	6	27.7	3	23.6	3	33.6	8	7.0	5	5.5	3	12.8		
Genitourinary Organs, 179-189							26	22.6	22	24.1	4	17.1		
Leukemia, 204-208	10	46.2	10	78.7			131	114.1	115	125.8	16	68.3		
All Other Sites, 166-173, 176-178, 190-203							5	4.4	4	4.4	1	4.3		
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	4.6	3	23.6	1	11.2	34	29.6	30	32.8	4	17.1		
Diabetes Mellitus, 250	8	37.0	3		5	56.0	5	4.4	3	3.3	2	8.5		
Nutritional Deficiencies, 260-269							3	2.6	2	2.2	1	4.3		
Anemias, 280-285														
Meningitis, 320-322														
Alzheimer's Disease, 3310	1	4.6			1	11.2	12	10.5	11	12.0	1	4.3		
Major Cardiovascular Diseases, 390-448	163	753.4	111	874.0	52	582.0	511	445.1	424	464.0	87	371.2		
Diseases of Heart, 390-398, 402, 404-429	131	605.5	90	708.7	41	458.9	426	371.0	350	383.0	76	324.3		
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398							3	2.6	2	2.2	1	4.3		
Hypertension with Heart and Renal Disease, 402, 404	2	9.2	1	7.9	1	11.2	9	7.8	5	5.5	4	17.1		
Ischemic Heart Disease, 410-414	51	235.7	38	299.2	13	145.5	210	182.9	181	198.1	29	123.7		
Other Diseases of Heart, 405, 415-429	78	360.5	51	401.6	27	302.2	204	177.7	162	179.2	42	179.2		
Hypertension with or without Renal Disease, 401, 403	2	9.2	1	7.9	1	11.2	5	4.4	4	4.4	1	4.3		
Cerebrovascular Disease, 430-438	28	129.4	18	141.7	10	111.9	68	59.2	60	65.7	8	34.1		
Diseases of the Arteries, 440-448	2	9.2	2	15.7			12	10.5	10	10.9	2	8.5		
Atherosclerosis, 440							3	2.6	3	3.3	2	8.5		
Other Diseases of the Arteries, 441-448	2	9.2	2	15.7			9	7.8	7	7.7	2	8.5		
Acute Bronchitis and Bronchiolitis, 466														
Pneumonia and Influenza, 480-487	8	37.0	7	55.1	1	11.2	48	41.8	41	44.9	7	29.9		
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	9	41.6	9	70.9			60	52.5	48	52.5	12	51.2		
Bronchitis, Emphysema and Asthma, 490-493							9	7.8	8	8.8	1	4.3		
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	9	41.6	9	70.9			51	44.4	40	43.8	11	46.9		
Ulcer of Stomach and Duodenum, 531-533							1	0.9			1	4.3		
Appendicitis, 540-543														
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	4.6			1	11.2	3	2.6	3	3.3				
Chronic Liver Disease and Cirrhosis, 571	5	23.1	3	23.6	2	22.4	8	7.0	7	7.7	1	4.3		
Cholelithiasis and Other Disorders of Gallbladder, 574-575							2	1.7	2	2.2				
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	3	13.9	3	23.6			20	17.4	14	15.3	6	25.6		
Infections of the Kidney, 590														
Hyperplasia of Prostate, 600														
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	4.6			1	11.2	7	6.1	6	6.6	1	4.3		
Certain Conditions Originating in the Perinatal Period, 760-779	1	4.6			1	11.2	5	4.4	4	4.4	1	4.3		
Symptoms and Ill-Defined Conditions, 780-799	17	78.6	13	102.4	4	44.8	15	13.1	11	12.0	4	17.1		
Accidents, E800-E949	12	55.5	8	63.0	4	44.8	61	53.1	48	52.5	13	55.5		
Motor Vehicle Accidents, E810-E825	5	23.1	5	39.4	4	44.8	35	30.5	27	29.5	8	34.1		
All Other Accidents, E800-E809, E826-E949	2	9.2	2	15.7			19	16.5	17	18.6	5	21.3		
Suicide, E950-E959	3	13.9	1	7.9	2	22.4	20	17.4	12	13.1	8	34.1		
Homicide and Legal Intervention, E960-E978							86	74.9	73	79.9	13	55.5		
All Other Diseases, Residual														

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	CHAMBERS COUNTY						CHEROKEE COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	471	13.2	327	14.4	144	11.0	244	12.3	233	12.5	11	8.5
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	6	16.8	5	22.0	1	7.7	4	20.1	4	21.5	—	—
Septicemia, 038	5	14.0	2	8.8	3	23.0	—	—	—	—	—	—
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	94	263.0	66	290.6	28	214.8	53	266.5	51	274.2	2	155.4
Lip, Oral Cavity and Pharynx, 140-149	3	8.4	1	4.4	2	15.3	—	—	—	—	—	—
Digestive Organs and Peritoneum, 150-159	18	50.4	14	61.6	4	30.7	3	15.1	3	16.1	—	—
Respiratory and Intrathoracic Organs, 160-165	21	58.8	16	70.5	5	38.4	8	40.2	8	43.0	—	—
Breast, 174-175	12	33.6	7	33.8	5	38.4	—	—	—	—	—	—
Genitourinary Organs, 179-189	16	44.8	10	44.0	6	46.0	7	35.2	7	37.6	1	77.7
Leukemia, 204-208	3	8.4	3	13.2	—	—	2	10.1	1	5.4	1	77.7
All Other Sites, 166-173, 176-178, 190-203	21	58.8	15	66.1	6	46.0	33	166.0	32	172.1	1	77.7
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	5.6	2	8.8	—	—	1	5.0	1	5.4	—	—
Diabetes Mellitus, 250	16	44.8	8	35.2	8	61.4	4	20.1	3	16.1	1	77.7
Nutritional Deficiencies, 260-269	1	2.8	—	—	2	15.3	—	—	—	—	—	—
Anemias, 280-285	2	5.6	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	4	11.2	4	17.6	—	—	4	20.1	4	21.5	—	—
Alzheimer's Disease, 3310	220	615.5	153	673.7	67	514.0	119	598.5	113	607.6	6	466.2
Major Cardiovascular Diseases, 390-448	158	442.0	111	488.8	47	360.6	98	492.9	93	500.1	5	388.5
Diseases of Heart, 390-398, 402, 404-429	1	2.8	—	—	1	7.7	—	—	—	—	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	5.6	2	8.8	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	55	153.9	40	176.1	15	115.1	40	201.2	37	199.0	3	233.1
Ischemic Heart Disease, 410-414	100	279.8	69	303.8	31	237.8	58	291.7	56	301.1	2	155.4
Other Diseases of Heart, 405, 415-429	1	2.8	1	4.4	—	—	4	20.1	4	21.5	—	—
Hypertension with or without Renal Disease, 401, 403	49	137.1	32	140.9	17	130.4	16	80.5	15	80.7	1	77.7
Cerebrovascular Disease, 430-438	12	33.6	9	39.6	3	23.0	1	5.0	1	5.4	—	—
Diseases of the Arteries, 440-448	2	5.6	1	4.4	1	7.7	1	5.0	1	5.4	—	—
Atherosclerosis, 440	10	28.0	8	35.2	2	15.3	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	11	30.8	7	30.8	4	30.7	9	45.3	9	48.4	—	—
Pneumonia and Influenza, 480-487	13	36.4	12	52.8	1	7.7	5	25.1	5	26.9	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	2	5.6	1	4.4	1	7.7	2	10.1	2	10.8	—	—
Bronchitis, Emphysema and Asthma, 490-493	11	30.8	11	48.4	—	—	3	15.1	3	16.1	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	2	5.6	2	8.8	—	—	2	10.1	2	10.8	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	5.6	1	4.4	1	7.7	1	5.0	1	5.4	—	—
Chronic Liver Disease and Cirrhosis, 571	3	8.4	3	13.2	—	—	4	20.1	4	21.5	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	2.8	1	4.4	—	—	1	5.0	1	5.4	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	7	19.6	6	26.4	1	7.7	3	15.1	2	10.8	1	77.7
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	8.4	2	8.8	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	2	5.6	1	4.4	1	7.7	1	5.0	1	5.4	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	3	8.4	3	13.2	—	—	4	20.1	4	21.5	—	—
Symptoms and Ill-Defined Conditions, 780-799	23	64.3	14	61.6	9	69.1	3	15.1	3	16.1	1	77.7
Accidents, E800-E949	10	28.0	5	22.0	5	38.4	7	35.2	7	37.6	—	—
Motor Vehicle Accidents, E810-E825	13	36.4	9	39.6	4	30.7	2	10.1	2	10.8	—	—
All Other Accidents, E800-E809, E826-E949	6	16.8	5	22.0	1	7.7	4	20.1	4	21.5	—	—
Suicide, E950-E959	3	8.4	1	4.4	2	15.3	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	42	117.5	32	140.9	10	76.7	15	75.4	15	80.7	—	—
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	CHILTON COUNTY						CHOCTAW COUNTY					
	TOTAL			BLACK AND OTHER			TOTAL			BLACK AND OTHER		
	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER
TOTAL ALL CAUSES	396	11.8	362	12.2	34	8.8	176	11.3	96	11.2	80	11.5
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	2	12.9	—	—	2	28.7
Meningococcal Infection, 036	8	23.8	7	23.5	1	26.0	1	6.4	—	—	1	14.4
Septicemia, 038	1	3.0	—	—	1	26.0	1	6.4	—	—	1	14.4
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	85	252.7	78	261.8	7	182.0	38	244.2	22	255.8	16	229.9
Lip, Oral Cavity and Pharynx, 140-149	18	53.5	16	53.7	2	52.0	5	32.1	2	23.3	3	43.1
Digestive Organs and Peritoneum, 150-159	29	86.2	28	94.0	1	26.0	13	83.5	8	93.0	5	71.8
Respiratory and Intra-thoracic Organs, 160-165	5	14.9	4	13.4	1	26.0	4	25.7	3	34.9	1	14.4
Breast, 174-175	6	17.8	6	20.1	—	—	9	57.8	4	46.5	5	71.8
Genitourinary Organs, 179-189	4	11.9	2	6.7	2	26.0	1	6.4	—	—	1	14.4
Leukemia, 204-208	23	68.4	22	73.8	1	26.0	6	38.6	5	58.1	1	14.4
All Other Sites, 166-173, 176-178, 190-203	1	3.0	1	3.4	—	—	1	6.4	—	—	1	14.4
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	3	8.9	2	6.7	1	26.0	3	19.3	2	23.3	1	14.4
Diabetes Mellitus, 250	4	11.9	3	10.1	1	26.0	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	5	14.9	5	16.8	—	—	2	12.9	2	23.3	—	—
Major Cardiovascular Diseases, 390-448	173	514.3	162	543.7	11	285.9	74	475.5	45	523.3	29	416.6
Diseases of Heart, 390-398, 402, 404-429	143	425.1	134	449.8	9	233.9	51	327.7	33	383.7	18	258.6
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	3	8.9	3	10.1	—	—	3	19.3	2	25.8	3	43.1
Ischemic Heart Disease, 410-414	71	211.1	68	228.2	3	78.0	30	192.8	22	255.8	8	114.9
Other Diseases of Heart, 405, 415-429	69	205.1	63	211.5	6	156.0	18	115.7	11	127.9	7	100.6
Hypertension with or without Renal Disease, 401, 403	27	80.3	25	83.9	2	52.0	17	109.2	9	104.7	8	114.9
Cerebrovascular Disease, 430-438	3	8.9	3	10.1	—	—	5	32.1	3	34.9	2	28.7
Diseases of the Arteries, 440-448	—	—	—	—	—	—	1	6.4	—	—	1	14.4
Atherosclerosis, 440	3	8.9	3	10.1	—	—	4	25.7	3	34.9	1	14.4
Other Diseases of the Arteries, 441-448	1	3.0	1	3.4	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	16	47.6	14	47.0	2	52.0	4	25.7	2	23.3	2	28.7
Pneumonia and Influenza, 480-487	15	44.6	15	50.3	—	—	6	38.6	3	34.9	3	43.1
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	3.0	1	3.4	—	—	—	—	—	—	—	—
Bronchitis, Emphysema and Asthma, 490-493	14	41.6	14	47.0	—	—	6	38.6	3	34.9	3	43.1
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	1	3.0	1	3.4	—	—	—	—	—	—	—	—
Appendicitis, 540-543	1	3.0	1	3.4	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	5	14.9	4	13.4	1	26.0	1	6.4	—	—	1	14.4
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	2	5.9	1	3.4	1	26.0	1	6.4	1	11.6	—	—
Congenital Anomalies, 740-759	2	5.9	2	6.7	—	—	2	12.9	2	23.3	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	6	17.8	5	16.8	1	26.0	3	19.3	2	23.3	1	14.4
Symptoms and Ill-Defined Conditions, 780-799	26	77.3	23	77.2	3	78.0	14	90.0	4	46.5	10	143.7
Accidents, E800-E949	15	44.6	14	47.0	1	26.0	10	64.3	2	23.3	8	114.9
Motor Vehicle Accidents, E810-E825	11	32.7	9	30.2	2	52.0	4	25.7	2	23.3	2	28.7
All Other Accidents, E800-E809, E826-E949	7	20.8	7	23.5	—	—	4	25.7	3	34.9	2	14.4
Suicide, E950-E959	1	3.0	—	—	—	—	1	6.4	—	—	1	14.4
Homicide and Legal Intervention, E960-E978	32	95.1	29	97.3	3	78.0	14	90.0	8	93.0	6	86.2

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	CLARKE COUNTY						CLAY COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	293	10.8	177	11.5	116	10	185	14.2	157	14.5	28	13
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	3	11.1	2	13	1	8.6	—	—	—	—	—	—
Human Immunodeficiency Virus Infection, 042-044	5	18.5	—	—	5	42.9	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	58	214.2	35	226.9	23	197.3	29	223	22	202.7	7	325.4
Lip, Oral Cavity and Pharynx, 140-149	16	59.1	12	77.8	4	34.3	3	23.1	1	9.2	2	93
Digestive Organs and Peritoneum, 150-159	18	66.5	12	77.8	6	51.5	6	46.1	3	27.6	3	139.5
Respiratory and Intra-thoracic Organs, 160-165	5	18.5	2	13	3	25.7	—	—	—	—	—	—
Breast, 174-175	7	25.8	3	19.4	4	34.3	5	38.5	3	27.6	2	93
Genitourinary Organs, 179-189	3	11.1	1	6.5	2	17.2	1	7.7	1	9.2	—	—
Leukemia, 204-208	9	33.2	5	32.4	4	34.3	6	46.1	6	55.3	—	—
All Other Sites, 166-173, 176-178, 190-203	1	3.7	1	6.5	—	—	1	7.7	1	9.2	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	8	29.5	3	19.4	5	42.9	3	23.1	2	18.4	1	46.5
Diabetes Mellitus, 250	1	3.7	1	6.5	—	—	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	1	3.7	1	6.5	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	4	14.8	3	19.4	1	8.6	1	7.7	1	9.2	—	—
Alzheimer's Disease, 3310	125	461.6	78	505.7	47	403.2	83	638.4	71	654.3	12	557.9
Major Cardiovascular Diseases, 390-448	92	339.7	58	376	34	291.7	52	453.8	52	479.2	7	325.4
Diseases of Heart, 390-398, 402, 404-429	1	3.7	—	—	—	—	—	—	—	—	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	3.7	—	—	1	8.6	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	1	3.7	—	—	1	8.6	—	—	—	—	—	—
Ischemic Heart Disease, 410-414	60	221.5	40	259.3	20	171.6	39	300	35	322.6	4	186
Other Diseases of Heart, 405, 415-429	30	110.8	18	116.7	12	102.9	20	153.8	17	156.7	3	139.5
Hypertension with or without Renal Disease, 401, 403	1	3.7	—	—	1	8.6	—	—	—	—	—	—
Cerebrovascular Disease, 430-438	27	99.7	15	97.2	12	102.9	22	169.2	17	156.7	5	232.5
Diseases of the Arteries, 440-448	5	18.5	5	32.4	—	—	2	15.4	2	18.4	—	—
Atherosclerosis, 440	3	11.1	3	19.4	—	—	2	15.4	2	18.4	—	—
Other Diseases of the Arteries, 441-448	2	7.4	2	13	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	3	11.1	3	19.4	—	—	5	38.5	5	46.1	—	—
Pneumonia and Influenza, 480-487	11	40.6	9	58.3	2	17.2	8	61.5	8	73.7	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	3.7	1	6.5	—	—	2	15.4	2	18.4	—	—
Bronchitis, Emphysema and Asthma, 490-493	10	36.9	8	51.9	2	17.2	6	46.1	6	55.3	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	3.7	1	6.5	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	7.4	1	6.5	1	8.6	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	1	3.7	1	6.5	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	4	14.8	1	6.5	3	25.7	5	38.5	4	36.9	1	46.5
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	2	7.4	2	13	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	1	3.7	—	—	1	8.6	1	7.7	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	11.1	3	19.4	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	2	7.4	—	—	2	17.2	2	15.4	2	18.4	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	3	11.1	2	13	1	8.6	14	107.7	13	119.8	1	46.5
Symptoms and Ill-Defined Conditions, 780-799	27	99.7	13	84.3	14	120.1	13	100	12	110.6	1	46.5
Accidents, E800-E949	20	73.8	11	71.3	9	77.2	7	53.8	7	64.5	—	—
Motor Vehicle Accidents, E810-E825	7	25.8	2	13	5	42.9	6	46.1	5	46.1	1	46.5
All Other Accidents, E800-E809, E826-E949	1	3.7	—	—	1	8.6	4	30.8	4	36.9	—	—
Suicide, E950-E959	2	7.4	1	6.5	1	8.6	1	7.7	1	9.2	—	—
Homicide and Legal Intervention, E960-E978	23	84.9	15	97.2	8	68.6	15	115.4	12	110.6	3	139.5

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	CLEBURNE COUNTY						COFFEE COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	152	11.9	145	11.9	7	11.4 ²	401	9.7	335	10.0	66	8.4
Tuberculosis, All Forms, 010-018	1	7.8	—	—	1	163.1 ²	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	1	7.8	1	8.2	—	—	1	2.4	1	3.0	1	12.7
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	29	226.2	26	213.0	3	489.4 ²	101	244.6	84	251.3	17	216.1
Lip, Oral Cavity and Pharynx, 140-149	1	7.8	1	8.2	—	—	2	4.8	1	3.0	1	12.7
Digestive Organs and Peritoneum, 150-159	4	31.2	3	24.6	1	163.1 ²	21	50.9	17	50.9	4	50.8
Respiratory and Intra-thoracic Organs, 160-165	4	31.2	4	32.8	—	—	34	82.3	29	86.7	5	63.6
Breast, 174-175	1	7.8	1	8.2	—	—	7	17.0	7	20.9	—	—
Genitourinary Organs, 179-189	2	15.6	1	8.2	1	163.1 ²	9	21.8	8	23.9	1	12.7
Leukemia, 204-208	17	132.6	16	131.1	1	163.1 ²	4	9.7	4	12.0	—	—
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	24	58.1	18	53.8	6	76.3
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	7.8	1	8.2	—	—	1	2.4	1	3.0	—	—
Diabetes Mellitus, 250	2	15.6	2	16.4	—	—	6	14.5	6	17.9	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	1	2.4	—	—	1	12.7
Anemias, 280-285	—	—	—	—	—	—	2	4.8	2	6.0	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	—	—	—	—	—	—	1	2.4	1	3.0	—	—
Major Cardiovascular Diseases, 390-448	69	538.2	66	540.7	3	489.4 ²	161	389.9	133	397.8	28	355.9
Diseases of Heart, 390-398, 402, 404-429	60	468.0	58	475.1	2	326.3 ²	135	326.9	112	335.0	23	292.4
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	2	4.8	1	3.0	1	12.7
Hypertension with Heart and Renal Disease, 402, 404	—	—	—	—	—	—	1	2.4	—	—	—	—
Ischemic Heart Disease, 410-414	26	202.8	24	196.6	2	326.3 ²	81	196.1	67	200.4	14	178.0
Other Diseases of Heart, 405, 415-429	34	265.2	34	278.5	—	—	51	123.5	43	128.6	8	101.7
Hypertension with or without Renal Disease, 401, 403	4	31.2	4	32.8	—	—	2	4.8	2	6.0	—	—
Cerebrovascular Disease, 430-438	4	31.2	3	24.6	1	163.1 ²	19	46.0	17	50.9	2	25.4
Diseases of the Arteries, 440-448	1	7.8	1	8.2	—	—	5	12.1	2	6.0	3	38.1
Atherosclerosis, 440	1	7.8	1	8.2	—	—	1	2.4	—	—	1	12.7
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	4	9.7	2	6.0	2	25.4
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	1	7.8	1	8.2	—	—	15	36.3	14	41.9	1	12.7
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	5	39.0	5	41.0	—	—	24	58.1	24	71.8	—	—
Bronchitis, Emphysema and Asthma, 490-493	1	7.8	1	8.2	—	—	5	12.1	5	15.0	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	4	31.2	4	32.8	—	—	19	46.0	19	56.8	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	1	2.4	1	3.0	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	1	7.8	1	8.2	—	—	8	19.4	7	20.9	1	12.7
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	7.8	1	8.2	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	7.8	1	8.2	—	—	6	14.5	5	15.0	1	12.7
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	7.8	1	8.2	—	—	5	12.1	1	3.0	4	50.8
Congenital Anomalies, 740-759	4	31.2	4	32.8	—	—	5	12.1	4	12.0	1	12.7
Certain Conditions Originating in the Perinatal Period, 760-779	13	101.4	13	106.5	—	—	4	48.4	3	9.0	1	12.7
Symptoms and Ill-Defined Conditions, 780-799	6	46.8	6	49.2	—	—	20	48.4	17	50.9	3	38.1
Motor Vehicle Accidents, E810-E825	7	54.6	7	57.3	—	—	13	31.5	10	29.9	3	38.1
All Other Accidents, E800-E809, E826-E949	7	54.6	7	57.3	—	—	7	17.0	7	20.9	—	—
Suicide, E950-E959	3	23.4	3	24.6	—	—	4	9.7	4	12.0	—	—
Homicide and Legal Intervention, E960-E978	12	93.6	12	98.3	—	—	5	12.1	1	3.0	4	50.8
All Other Diseases, Residual	—	—	—	—	—	—	28	67.8	25	74.8	3	38.1

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	COLBERT COUNTY				CONECUH COUNTY				BLACK AND OTHER			
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	566	11.3	471	11.4	95	11.1	202	15.2	123	16.5	79	13.6
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	2	15.1	2	26.8	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	6	12.0	5	12.1	1	11.7	1	7.5	1	13.4	—	—
Human Immunodeficiency Virus Infection, 042-044	4	8.0	4	9.7	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	141	281.9	126	304.1	15	174.8	39	293.9	24	321.9	15	268.0
Lip, Oral Cavity and Pharynx, 140-149	40	80.0	33	79.6	7	81.6	2	15.1	4	26.8	—	—
Digestive Organs and Peritoneum, 150-159	42	84.0	38	91.7	4	46.6	7	52.8	4	53.6	3	51.6
Respiratory and Intrathoracic Organs, 160-165	6	12.0	6	14.5	—	—	3	22.6	6	80.5	1	17.2
Breast, 174-175	18	36.0	17	41.0	1	11.7	4	30.1	1	13.4	2	34.4
Genitourinary Organs, 179-189	8	16.0	7	16.9	1	11.7	3	22.6	2	26.8	3	51.6
Leukemia, 204-208	27	54.0	25	60.3	2	23.3	13	98.0	8	107.3	5	86.0
All Other Sites, 166-173, 176-178, 190-203	4	8.0	4	9.7	—	—	2	15.1	1	13.4	1	17.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	14	28.0	11	26.5	3	35.0	8	60.3	4	53.6	4	68.8
Diabetes Mellitus, 250	1	2.0	1	2.4	—	—	1	7.5	—	—	1	17.2
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	8	16.0	6	14.5	2	23.3	—	—	—	—	—	—
Alzheimer's Disease, 3310	237	473.8	196	473.0	41	477.8	87	655.6	55	737.7	32	550.4
Major Cardiovascular Diseases, 390-448	199	397.9	163	393.4	36	419.5	70	527.5	46	617.0	24	412.8
Diseases of Heart, 390-398, 402, 404-429	1	2.0	1	2.4	—	—	1	7.5	1	13.4	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	3	6.0	2	4.8	2	23.3	1	7.5	1	13.4	—	—
Hypertension with Heart and Renal Disease, 402, 404	105	209.9	92	222.0	13	151.5	27	203.5	19	254.8	8	137.6
Ischemic Heart Disease, 410-414	90	179.9	69	166.5	21	244.7	42	316.5	26	348.7	16	275.2
Other Diseases of Heart, 405, 415-429	2	4.0	2	4.8	—	—	1	7.5	—	—	—	—
Hypertension with or without Renal Disease, 401, 403	26	52.0	23	55.5	3	35.0	12	90.4	7	93.9	5	86.0
Cerebrovascular Diseases, 430-438	10	20.0	8	19.3	2	23.3	4	30.1	2	26.8	2	34.4
Diseases of the Arteries, 440-448	1	2.0	1	2.4	—	—	1	7.5	1	13.4	—	—
Atherosclerosis, 440	9	18.0	7	16.9	2	23.3	3	22.6	1	13.4	2	34.4
Acute Bronchitis and Bronchiolitis, 466	1	2.0	1	2.4	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	22	44.0	19	45.9	3	35.0	6	45.2	6	80.5	—	—
Pneumonia and Influenza, 480-487	17	34.0	14	33.8	3	35.0	5	37.7	5	67.1	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	4	8.0	2	4.8	2	23.3	1	7.5	1	13.4	—	—
Bronchitis, Emphysema and Asthma, 490-493	13	26.0	12	29.0	1	11.7	4	30.1	4	53.6	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	2.0	1	2.4	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	3	6.0	3	7.2	—	—	1	7.5	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	8	16.0	6	14.5	2	23.3	1	7.5	—	—	1	17.2
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	2.0	1	2.4	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	7	14.0	3	7.2	4	46.6	2	15.1	2	26.8	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	—	—	—	—	—	—	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	3	6.0	1	2.4	2	23.3	1	7.5	2	26.8	1	17.2
Symptoms and Ill-Defined Conditions, 780-799	3	6.0	3	7.2	—	—	2	15.1	2	26.8	—	—
Accidents, E800-E949	24	48.0	22	53.1	2	23.3	21	158.3	9	120.7	2	34.4
Motor Vehicle Accidents, E810-E825	6	12.0	4	9.7	2	23.3	15	113.0	6	80.5	12	206.4
All Other Accidents, E800-E809, E826-E949	18	36.0	18	43.4	—	—	6	45.2	3	40.2	9	154.8
Suicide, E950-E959	6	12.0	5	12.1	1	11.7	4	30.1	2	26.8	3	51.6
Homicide and Legal Intervention, E960-E978	4	8.0	5	12.1	4	46.6	1	7.5	1	13.4	2	34.4
All Other Diseases, Residual	46	92.0	34	82.1	12	139.8	17	128.1	9	120.7	8	137.6

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	COOSA COUNTY						COVINGTON COUNTY						BLACK AND OTHER	
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER		NUMBER	RATE
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	109	10.0	73	10.3	36	9.4	426	11.8	373	12.0	53	10.8		
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	1	2.8	1	3.2	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	1	2.8	1	3.2	—	—	—	—
Septicemia, 038	—	—	—	—	—	—	3	8.3	2	6.4	1	20.5	—	—
Human Immunodeficiency Virus Infection, 042-044	1	9.2	—	—	1	26.2	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	27	247.3	20	281.5	7	183.6	90	249.5	78	250.1	12	245.5	—	—
Lip, Oral Cavity and Pharynx, 140-149	5	45.8	5	70.4	—	—	2	5.5	1	3.2	1	20.5	—	—
Digestive Organs and Peritoneum, 150-159	11	100.8	8	112.6	3	78.7	29	80.4	25	80.2	4	81.8	—	—
Respiratory and Intrathoracic Organs, 160-165	5	45.8	2	28.1	3	78.7	3	8.3	2	6.4	1	20.5	—	—
Breast, 174-175	6	55.0	5	70.4	1	26.2	4	11.1	3	9.6	1	20.5	—	—
Genitourinary Organs, 179-189	1	9.2	1	14.1	—	—	3	8.3	3	9.6	2	40.9	—	—
Leukemia, 204-208	4	36.6	2	28.1	2	52.5	17	47.1	14	44.9	3	61.4	—	—
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes Mellitus, 250	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	47	430.5	31	436.3	16	419.7	204	565.6	179	574.0	25	511.5	—	—
Diseases of Heart, 390-398, 402, 404-429	41	375.6	28	394.1	13	341.0	173	479.6	152	487.4	21	429.6	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ischemic Heart Disease, 410-414	24	219.8	18	253.3	6	157.4	79	219.0	71	227.7	8	40.9	—	—
Other Diseases of Heart, 405, 415-429	17	155.7	10	140.7	7	183.6	91	252.3	80	256.6	11	163.7	—	—
Hypertension with or without Renal Disease, 401, 403	5	45.8	2	28.1	3	78.7	3	8.3	1	3.2	2	40.9	—	—
Cerebrovascular Disease, 430-438	1	9.2	1	14.1	—	—	5	13.9	5	16.0	—	—	—	—
Diseases of the Arteries, 440-448	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Atherosclerosis, 440	1	9.2	1	14.1	—	—	5	13.9	5	16.0	—	—	—	—
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	8	73.3	5	70.4	3	78.7	16	44.4	15	48.1	1	20.5	—	—
Pneumonia and Influenza, 480-487	4	36.6	3	42.2	1	26.2	19	52.7	18	57.7	1	20.5	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis, Emphysema and Asthma, 490-493	4	36.6	3	42.2	1	26.2	4	11.1	4	12.8	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	1	9.2	1	14.1	1	26.2	2	5.5	1	3.2	1	20.5	—	—
Symptoms and Ill-Defined Conditions, 780-799	6	55.0	5	70.4	1	26.2	3	8.3	3	9.6	—	—	—	—
Accidents, E800-E949	4	36.6	3	42.2	1	26.2	8	22.2	6	19.2	2	40.9	—	—
Motor Vehicle Accidents, E810-E825	2	18.3	2	28.1	—	—	5	13.9	4	12.8	1	20.5	—	—
All Other Accidents, E800-E809, E826-E949	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Suicide, E950-E959	1	9.2	—	—	—	—	—	—	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	8	73.3	5	70.4	3	78.7	27	74.9	22	70.6	5	102.3	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	GRENSHAW COUNTY						CULLMAN COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	168	12.6	133	13.5	35	10.0	765	10.8	758	10.8	7	8.0 ²
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	1	1.4	1	1.4	—	—
Meningococcal Infection, 036	4	30.0	4	40.7	—	—	13	18.4	13	18.6	—	—
Sepsis, 038	1	7.5	1	10.2	—	—	2	2.8	2	2.9	—	—
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	1	1.4	1	1.4	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	35	262.7	29	294.9	6	171.9	174	245.7	173	247.3	1	114.8 ²
Lip, Oral Cavity and Pharynx, 140-149	7	52.5	7	71.2	—	—	3	4.2	3	4.3	—	—
Digestive Organs and Peritoneum, 150-159	11	82.6	10	101.7	1	28.6	27	38.1	27	38.6	—	—
Respiratory and Intrathoracic Organs, 160-165	2	15.0	2	20.3	—	—	16	22.6	15	21.4	1	114.8 ²
Breast, 174-175	3	22.5	2	30.5	1	28.6	23	32.5	23	32.9	—	—
Genitourinary Organs, 179-189	4	30.0	3	40.7	1	28.6	3	4.2	3	4.3	—	—
Leukemia, 204-208	8	60.0	7	71.2	1	28.6	44	62.1	44	62.9	—	—
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	2	2.8	2	2.9	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	3	22.5	1	10.2	2	57.3	16	22.6	14	20.0	2	229.6 ²
Diabetes Mellitus, 260	—	—	—	—	—	—	1	1.4	1	1.4	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	2	2.8	2	2.9	—	—
Anemias, 280-285	—	—	—	—	—	—	1	1.4	1	1.4	—	—
Meningitis, 320-322	3	22.5	3	30.5	—	—	10	14.1	10	14.3	—	—
Alzheimer's Disease, 3310	74	555.4	59	600.0	15	429.7	308	434.9	306	437.5	2	229.6 ²
Major Cardiovascular Diseases, 390-448	60	450.3	50	508.5	10	286.5	245	346.0	243	347.4	2	229.6 ²
Diseases of Heart, 390-398, 402, 404-429	—	—	—	—	—	—	2	2.8	2	2.9	—	—
Active Rheumatic Fever and Chronic Rheumatic Heart Disease, 390-398	2	15.0	1	10.2	1	28.6	2	2.8	2	2.9	—	—
Hypertension with Heart and Renal Disease, 402, 404	28	210.1	24	244.1	4	114.6	145	204.8	143	204.5	2	229.6 ²
Ischemic Heart Disease, 410-414	30	225.2	25	254.2	5	143.2	98	138.4	98	140.1	—	—
Other Diseases of Heart, 405, 415-429	13	97.6	8	81.4	5	143.2	2	2.8	2	2.9	—	—
Hypertension with or without Renal Disease, 401, 403	1	7.5	1	10.2	—	—	4	5.6	4	5.7	—	—
Cerebrovascular Disease, 430-438	—	—	—	—	—	—	2	2.8	2	2.9	—	—
Diseases of the Arteries, 440-448	1	7.5	1	10.2	—	—	2	2.8	2	2.9	—	—
Atherosclerosis, 440	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	1	7.5	1	10.2	—	—	2	2.8	2	2.9	—	—
Acute Bronchitis and Bronchiolitis, 466	8	60.0	6	61.0	2	57.3	29	41.0	29	41.5	—	—
Pneumonia and Influenza, 480-487	4	30.0	3	30.5	1	28.6	31	43.8	31	44.3	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	—	—	—	—	—	—	4	5.6	4	5.7	—	—
Bronchitis, Emphysema and Asthma, 490-493	4	30.0	3	30.5	1	28.6	27	38.1	27	38.6	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	2	15.0	2	20.3	—	—	3	4.2	3	4.3	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	1	7.5	1	10.2	—	—	5	7.1	5	7.1	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	—	—	—	—	—	—	10	14.1	10	14.3	—	—
Chronic Liver Disease and Cirrhosis, 571	2	15.0	—	—	2	57.3	14	19.8	14	20.0	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	7.5	1	10.2	—	—	3	4.2	3	4.3	—	—
Congenital Anomalies, 740-759	1	7.5	1	10.2	—	—	5	7.1	5	7.1	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	2	15.0	1	10.2	1	28.6	5	7.1	5	7.1	—	—
Symptoms and Ill-Defined Conditions, 780-799	10	75.1	9	91.5	1	28.6	18	25.4	18	25.7	—	—
Accidents, E800-E949	8	60.0	7	71.2	1	28.6	38	53.7	38	54.3	—	—
Motor Vehicle Accidents, E810-E825	2	15.0	2	20.3	—	—	19	26.8	19	27.2	—	—
All Other Accidents, E800-E809, E826-E949	—	—	—	—	—	—	19	26.8	19	27.2	—	—
Suicide, E950-E959	1	7.5	1	10.2	—	—	10	14.1	10	14.3	—	—
Homicide and Legal Intervention, E960-E978	16	120.1	12	122.0	4	114.6	67	94.6	65	92.9	2	229.6 ²
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	DALE COUNTY						DALLAS COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	392	7.8	321	8.1	71	6.8	605	13.4	255	14.2	350	12.9
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	1	2.2	—	—	1	3.7
Meningococcal Infection, 036	2	4.0	2	5.0	—	—	12	26.6	3	16.7	9	33.3
Septicemia, 038	5	10.0	3	7.6	2	19.1	6	13.3	1	5.6	5	18.5
Human Immunodeficiency Virus Infection, 042-044	3	6.0	3	7.6	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	92	183.5	80	201.7	12	114.4	117	259.8	50	277.9	67	247.8
Lip, Oral Cavity and Pharynx, 140-149	1	2.0	1	2.5	—	—	3	6.7	1	5.6	2	7.4
Digestive Organs and Peritoneum, 150-159	23	45.9	18	45.4	5	47.7	28	62.2	12	66.7	16	59.2
Respiratory and Intrathoracic Organs, 160-165	35	69.8	32	80.7	3	28.6	30	66.6	15	83.4	15	55.5
Breast, 174-175	7	14.0	6	15.1	1	9.5	9	20.0	2	11.1	7	25.9
Genitourinary Organs, 179-189	6	12.0	5	12.6	1	9.5	27	60.0	12	66.7	15	55.5
Leukemia, 204-208	3	6.0	3	7.6	—	—	7	15.5	2	11.1	5	18.5
All Other Sites, 166-173, 176-178, 190-203	17	33.9	15	37.8	2	19.1	13	28.9	6	33.3	7	25.9
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	2.0	1	2.5	—	—	1	2.2	1	5.6	—	—
Diabetes Mellitus, 250	14	27.9	11	27.7	3	28.6	22	48.9	7	38.9	15	55.5
Nutritional Deficiencies, 260-269	1	2.0	1	2.5	—	—	3	6.7	2	11.1	1	3.7
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	5	10.0	5	12.6	—	—	5	11.1	2	11.1	—	—
Alzheimer's Disease, 3310	161	321.0	133	335.4	28	266.9	220	488.5	88	489.1	132	488.1
Major Cardiovascular Diseases, 390-448	127	253.3	107	269.8	20	190.6	164	364.2	74	411.3	90	332.8
Diseases of Heart, 390-398, 402, 404-429	—	—	—	—	—	—	—	—	—	—	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	3	6.0	2	5.0	1	9.5	6	13.3	1	5.6	5	18.5
Hypertension with Heart and Renal Disease, 402, 404	67	133.6	58	146.3	9	85.8	104	230.9	51	283.4	53	196.0
Ischemic Heart Disease, 410-414	57	113.7	47	118.5	10	95.3	54	119.9	22	122.3	32	118.3
Other Diseases of Heart, 405, 415-429	1	2.0	—	—	—	—	6	13.3	2	11.1	4	14.8
Hypertension with or without Renal Disease, 401, 403	21	41.9	15	37.8	6	57.2	45	99.9	10	55.6	35	129.4
Cerebrovascular Disease, 430-438	12	23.9	11	27.7	1	9.5	5	11.1	2	11.1	3	11.1
Diseases of the Arteries, 440-448	5	10.0	4	10.1	1	9.5	5	11.1	2	11.1	3	11.1
Atherosclerosis, 440	7	14.0	7	17.7	—	—	5	11.1	2	11.1	3	11.1
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	19	37.9	16	40.3	3	28.6	9	20.0	4	22.2	5	18.5
Pneumonia and Influenza, 480-487	10	19.9	8	20.2	2	19.1	29	64.4	16	88.9	13	48.1
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	2.0	—	—	—	—	6	13.3	3	16.7	3	11.1
Bronchitis, Emphysema and Asthma, 490-493	9	17.9	8	20.2	1	9.5	23	51.1	13	72.3	10	37.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	4.0	1	2.5	1	9.5	1	2.2	1	5.6	2	7.4
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	4	8.9	2	11.1	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	10	19.9	7	17.7	3	28.6	9	20.0	3	16.7	6	22.2
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	3	6.0	2	5.0	1	9.5	2	4.4	1	5.6	1	3.7
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	6	12.0	3	7.6	3	28.6	2	4.4	1	5.6	2	7.4
Congenital Anomalies, 740-759	6	12.0	4	10.1	2	19.1	27	60.0	15	83.4	12	44.4
Certain Conditions Originating in the Perinatal Period, 760-779	21	41.9	17	42.9	4	38.1	46	102.1	20	111.2	26	96.2
Symptoms and Ill-Defined Conditions, 780-799	14	27.9	13	32.8	1	9.5	20	44.4	9	50.0	11	40.7
Accidents, E800-E949	7	14.0	4	10.1	3	28.6	26	57.7	11	61.1	15	55.5
Motor Vehicle Accidents, E810-E825	5	10.0	5	12.6	—	—	11	24.4	5	27.8	6	22.2
All Other Accidents, E800-E809, E826-E949	1	2.0	—	—	1	9.5	13	28.9	1	5.6	12	44.4
Suicide, E950-E959	—	—	—	—	—	—	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	24	47.9	19	47.9	5	47.7	65	144.3	33	183.4	32	118.3
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	DEKALB COUNTY						ELMORE COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	619	11.2	608	11.4	11	5.8	540	10.3	444	10.9	96	8.1
Tuberculosis, All Forms, 010-018	3	5.4	3	5.6	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	5	9.0	5	9.3	—	—	6	11.4	5	12.3	1	8.5
Human Immunodeficiency Virus Infection, 042-044	2	3.6	2	3.7	—	—	7	13.4	5	12.3	2	17.0
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	126	227.4	123	229.9	3	156.9	117	223.2	98	243.7	18	152.7
Lip, Oral Cavity and Pharynx, 140-149	3	5.4	3	5.6	—	—	6	11.4	5	12.3	1	8.5
Digestive Organs and Peritoneum, 150-159	17	30.7	16	29.9	1	52.3	21	40.1	16	39.4	5	42.4
Respiratory and Intra-thoracic Organs, 160-165	29	52.3	29	54.2	—	—	41	78.2	38	93.5	3	25.5
Breast, 174-175	10	18.0	9	16.8	1	52.3	11	21.0	11	27.1	—	—
Genitourinary Organs, 179-189	8	14.4	8	15.0	—	—	14	26.7	9	22.2	5	42.4
Leukemia, 204-208	6	10.8	6	11.2	—	—	2	3.8	2	4.9	—	—
All Other Sites, 166-173, 176-178, 190-203	53	95.6	52	97.2	1	52.3	22	42.0	18	44.3	4	33.9
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	3.6	2	3.7	—	—	1	1.9	—	—	1	8.5
Diabetes Mellitus, 250	5	9.0	5	9.3	—	—	14	26.7	8	19.7	6	50.9
Nutritional Deficiencies, 260-269	3	5.4	3	5.6	—	—	3	5.7	2	4.9	1	8.5
Anemias, 280-285	1	1.8	1	1.9	—	—	1	1.9	1	2.5	—	—
Meningitis, 320-322	15	27.1	15	28.0	—	—	3	5.7	3	7.4	—	—
Alzheimer's Disease, 3310	306	552.2	303	566.3	3	156.9	217	414.0	180	443.0	37	313.9
Major Cardiovascular Diseases, 390-448	247	445.7	245	457.9	2	104.6	178	339.6	149	366.7	29	246.0
Diseases of Heart, 390-398, 402, 404-429	2	3.6	2	3.7	—	—	9	17.2	6	14.8	3	25.5
Active Rheumatic Fever and Chronic Rheumatic Heart Disease, 390-398	10	18.0	10	18.7	—	—	89	169.8	79	194.4	10	84.8
Hypertension with Heart and Renal Disease, 402, 404	89	160.6	89	166.3	—	—	80	152.6	64	157.5	16	135.7
Ischemic Heart Disease, 410-414	146	263.5	144	269.1	2	104.6	2	3.8	2	2.5	1	8.5
Other Diseases of Heart, 405, 415-429	2	3.6	2	3.7	—	—	30	57.2	25	61.5	5	42.4
Hypertension with or without Renal Disease, 401, 403	38	68.6	38	71.0	—	—	7	13.4	6	12.3	2	17.0
Cerebrovascular Disease, 430-438	19	34.3	18	33.6	1	52.3	1	1.9	1	2.5	—	—
Diseases of the Arteries, 440-448	6	10.8	6	11.2	—	—	6	11.4	4	9.8	2	17.0
Atherosclerosis, 440	13	23.5	12	22.4	1	52.3	6	11.4	4	9.8	2	17.0
Other Diseases of the Arteries, 441-448	12	21.7	12	22.4	—	—	12	22.9	12	29.5	—	—
Acute Bronchitis and Bronchiolitis, 466	18	32.5	17	31.8	1	52.3	25	47.7	25	61.5	—	—
Pneumonia and Influenza, 480-487	4	7.2	3	5.6	1	52.3	2	3.8	2	4.9	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	14	25.3	14	26.2	—	—	23	43.9	23	56.6	—	—
Bronchitis, Emphysema and Asthma, 490-493	—	—	—	—	—	—	1	1.9	1	2.5	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	3.6	2	3.7	—	—	1	1.9	1	2.5	—	—
Chronic Liver Disease and Cirrhosis, 571	1	1.8	1	1.9	—	—	10	19.1	8	19.7	2	17.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	7	12.6	7	13.1	—	—	6	11.4	5	12.3	1	8.5
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	1.8	1	1.9	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	7	12.6	7	13.1	—	—	2	3.8	1	2.5	1	8.5
Congenital Anomalies, 740-759	—	—	—	—	—	—	5	9.5	3	7.4	2	17.0
Certain Conditions Originating in the Perinatal Period, 760-779	8	14.4	8	15.0	—	—	17	32.4	9	22.2	8	67.9
Symptoms and Ill-Defined Conditions, 780-799	46	83.0	44	82.2	2	104.6	35	66.8	28	68.9	7	59.4
Accidents, E800-E949	24	43.3	22	41.1	2	104.6	22	42.0	16	39.4	6	50.9
Motor Vehicle Accidents, E810-E825	22	39.7	22	41.1	—	—	13	24.8	12	29.5	1	8.5
All Other Accidents, E800-E809, E826-E949	8	14.4	8	15.0	—	—	5	9.5	4	9.8	1	8.5
Suicide, E950-E959	2	3.6	2	3.7	—	—	7	13.4	5	12.3	2	17.0
Homicide and Legal Intervention, E960-E978	39	70.4	37	69.2	2	104.6	45	85.9	39	96.0	6	50.9
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	ESCAMBIA COUNTY						ETOWAH COUNTY								
	TOTAL			BLACK AND OTHER			TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
TOTAL ALL CAUSES	395	11.6		283	12.1	10.6	1,239	12.7	13.1	1,079	13.1	160	10.8		
Tuberculosis, All Forms, 010-018	1	2.9		1	4.3										
Meningococcal infection, 036	6	17.7		4	17.1	18.9	16	16.4	18.1	15	18.1	1	6.7		
Human immunodeficiency virus infection, 042-044	2	5.9				18.9	2	7.2	4.8	2	2.4	3	20.2		
Viral hepatitis, 070															
Syphilis, 090-097															
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues, 140-208	88	259.0		66	281.8	208.4	290	297.5	312.1	258	312.1	32	215.9		
Lip, oral cavity and pharynx, 140-149	17	50.0		11	47.0	56.8	2	2.1	2.4	2	2.4	10	67.5		
Digestive organs and peritoneum, 150-159	36	105.9		30	128.1	56.8	66	67.7	67.8	56	67.8	10	67.5		
Respiratory and intrathoracic organs, 160-165	5	14.7		4	17.1	9.5	19	19.5	18.1	15	18.1	4	27.0		
Breast, 174-175	17	50.0		10	42.7	66.3	37	37.8	39.9	33	39.9	4	27.0		
Genitourinary organs, 179-189	4	11.8		3	12.8	9.5	19	19.5	21.8	18	21.8	1	6.7		
Leukemia, 204-208	9	26.5		8	34.2	9.5	70	71.8	79.8	66	79.8	4	27.0		
All other sites, 166-173, 176-178, 190-203	2	5.9		2	8.5		5	5.1	6.0	5	6.0				
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature, 210-239	8	23.5		6	25.6	18.9	19	19.5	15.7	13	15.7	6	40.5		
Diabetes mellitus, 250	2	5.9		2	8.5		5	5.1	6.0	5	6.0				
Nutritional deficiencies, 260-269	2	5.9				18.9	1	1.0		1		1	6.7		
Anemias, 280-285						18.9									
Meningitis, 320-322	11	32.4		9	38.4	18.9	28	28.7	32.7	27	32.7	1	6.7		
Alzheimer's disease, 3310	162	476.8		114	486.7	454.7	503	516.0	520.2	430	520.2	73	492.5		
Major cardiovascular diseases, 380-448	135	397.3		95	405.6	378.9	422	432.9	439.2	363	439.2	59	398.1		
Diseases of heart, 390-398, 402, 404-429	1	2.9		1	4.3		7	7.2	7.3	6	7.3	1	6.7		
Active rheumatic fever and chronic rheumatic heart disease, 390-398	5	14.7		3	12.8	18.9	179	183.6	192.4	159	192.4	20	134.9		
Hypertension with heart and renal disease, 402, 404	52	153		33	140.9	180.0	236	242.1	239.5	198	239.5	38	256.4		
Ischemic heart disease, 410-414	1	2.9		1	4.3	9.5	8	8.2	8.5	7	8.5	1	6.7		
Other diseases of heart, 405, 415-429	17	50.0		12	51.2	47.4	60	61.6	59.3	49	59.3	11	74.2		
Hypertension with or without renal disease, 401, 403	9	26.5		7	29.9	18.9	13	13.3	13.3	11	13.3	2	13.5		
Cerebrovascular disease, 430-438	2	5.9		1	4.3	9.5	1	1.0	1.0	1	1.0				
Diseases of the arteries, 440-448	7	20.6		6	25.6	9.5	12	12.3	12.1	10	12.1	2	13.5		
Atherosclerosis, 440	1	2.9		1	4.3		50	51.3	58.1	48	58.1	2	13.5		
Other diseases of the arteries, 441-448	1	2.9		1	4.3		24	24.6	27.8	23	27.8	4	27.0		
Acute bronchitis and bronchiolitis, 466	8	23.5		6	25.6	18.9	46	47.2	52.0	43	52.0	3	20.2		
Pneumonia and influenza, 480-487	11	32.4		10	42.7	9.5	24	24.6	27.8	23	27.8	4	27.0		
Chronic obstructive pulmonary disease and allied conditions, 490-496	5	14.7		4	17.1	9.5	24	24.6	27.8	23	27.8	4	27.0		
Bronchitis, emphysema and asthma, 490-493	6	17.7		6	25.6		46	47.2	52.0	43	52.0	3	20.2		
Other chronic obstructive pulmonary disease and allied conditions, 494-496															
Ulcer of stomach and duodenum, 531-533															
Appendicitis, 540-543															
Hernia of abdominal cavity and intestinal obstruction without mention of hernia, 550-553, 560	1	2.9		1	4.3	9.5	11	11.3	12.1	10	12.1	1	6.7		
Chronic liver disease and cirrhosis, 571	2	5.9		2	8.5	18.9	1	1.0	1.0	1	1.0				
Cholelithiasis and other disorders of gallbladder, 574-575	6	17.7		4	17.1	18.9	14	14.4	15.7	13	15.7	1	6.7		
Nephritis, nephrotic syndrome and nephrosis, 580-589															
Infections of the kidney, 590															
Hyperplasia of prostate, 600															
Complications of pregnancy, childbirth, and the puerperium, 630-676	2	5.9		2	8.5		6	6.2	6	5	6	1	6.7		
Congenital anomalies, 740-759	1	2.9		1	4.3		8	8.2	8.2	6	8.2	2	13.5		
Certain conditions originating in the perinatal period, 760-779	4	11.8		2	8.5	18.9	16	16.4	14.5	12	14.5	7	27.0		
Symptoms and ill-defined conditions, 780-799	27	79.5		21	89.7	56.8	52	53.3	54.4	45	54.4	4	47.2		
Accidents, E800-E949	19	55.9		15	64.0	37.9	22	22.6	20.6	17	20.6	5	33.7		
Motor vehicle accidents, E810-E825	8	23.5		6	25.6	18.9	30	30.8	33.9	28	33.9	2	13.5		
All other accidents, E800-E809, E826-E949	6	17.7		5	21.3	9.5	13	13.3	15.7	13	15.7	2	13.5		
Suicide, E950-E959	5	14.7		2	8.5	28.4	11	11.3	11.3	6	11.3	5	33.7		
Homicide and legal intervention, E960-E978	36	105.9		24	102.5	113.7	115	118.0	119.8	99	119.8	16	107.9		
All other diseases, residual															

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49 — continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	FAYETTE COUNTY						FRANKLIN COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	229	13.1	203	13.2	26	12.0	389	14.2	377	14.5	12	8.8
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	2	11.4	1	6.5	1	46.1	6	21.9	6	23.0	—	—
Septicemia, 038	—	—	—	—	—	—	—	—	—	—	—	—
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	1	3.6	1	3.8	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	47	268.8	40	261.1	7	323.0	104	379.0	101	387.4	3	219.1
Lip, Oral Cavity and Pharynx, 140-149	7	40.0	6	39.2	1	46.1	2	7.3	2	7.7	—	—
Digestive Organs and Peritoneum, 150-159	9	51.5	7	45.7	2	92.3	24	84.4	22	84.4	2	146.1
Respiratory and Intra-thoracic Organs, 160-165	2	11.4	2	13.1	—	—	3	10.9	3	11.5	1	73.0
Breast, 174-175	6	34.3	4	26.1	2	92.3	10	36.4	10	36.4	—	—
Genitourinary Organs, 179-189	2	11.4	2	13.1	—	—	5	18.2	5	18.2	—	—
Leukemia, 204-208	21	120.1	19	124.0	2	92.3	34	123.9	34	130.4	—	—
All Other Sites, 166-173, 176-178, 180-203	—	—	—	—	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	7	40.0	6	39.2	1	46.1	5	18.2	5	19.2	—	—
Diabetes Mellitus, 250	1	5.7	1	6.5	—	—	3	10.9	3	11.5	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	1	3.6	1	3.8	—	—
Alzheimer's Disease, 3310	1	5.7	—	—	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	111	634.7	102	665.8	9	415.3	154	561.2	148	567.7	6	438.3
Diseases of Heart, 390-398, 402, 404-429	93	531.8	85	554.8	8	369.2	129	470.1	124	475.6	5	365.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	4	22.9	4	26.1	—	—	2	7.3	2	7.7	—	—
Ischemic Heart Disease, 410-414	21	120.1	19	124.0	2	92.3	59	215.0	57	218.6	2	146.1
Other Diseases of Heart, 405, 415-429	68	388.8	62	404.7	6	276.9	68	247.8	65	249.3	3	219.1
Hypertension with or without Renal Disease, 401, 403	1	5.7	1	6.5	—	—	—	—	—	—	—	—
Cerebrovascular Disease, 430-438	14	80.1	13	84.9	1	46.1	22	80.2	21	80.5	1	73.0
Diseases of the Arteries, 440-448	3	17.2	3	19.6	—	—	3	10.9	3	11.5	—	—
Atherosclerosis, 440	3	17.2	3	19.6	—	—	3	10.9	3	11.5	—	—
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	3	17.2	2	13.1	1	46.1	15	54.7	14	53.7	1	73.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	10	57.2	10	65.3	—	—	19	69.2	19	72.9	—	—
Bronchitis, Emphysema and Asthma, 490-493	2	11.4	2	13.1	—	—	4	14.6	4	15.3	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	8	45.7	8	52.2	—	—	15	54.7	15	57.5	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	5.7	1	6.5	—	—	4	14.6	4	15.3	—	—
Chronic Liver Disease and Cirrhosis, 571	1	11.4	2	13.1	—	—	4	14.6	4	15.3	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	5.7	1	6.5	—	—	1	3.6	1	3.8	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	2	11.4	1	6.5	1	46.1	5	18.2	5	19.2	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	1	3.6	1	3.8	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	5.7	1	6.5	—	—	2	7.3	2	7.7	—	—
Congenital Anomalies, 740-759	4	22.9	4	26.1	1	46.1	6	21.9	6	23.0	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	4	22.9	4	26.1	—	—	6	21.9	5	19.2	1	73.0
Symptoms and Ill-Defined Conditions, 780-799	13	74.3	11	71.8	2	92.3	19	69.2	19	72.9	—	—
Accidents, E800-E949	7	40.0	6	39.2	1	46.1	9	32.8	9	34.5	—	—
Motor Vehicle Accidents, E810-E825	6	34.3	5	32.6	1	46.1	10	36.4	10	38.4	—	—
All Other Accidents, E800-E809, E826-E949	1	5.7	1	6.5	—	—	5	18.2	5	19.2	—	—
Suicide, E950-E959	3	17.2	3	19.6	—	—	1	3.6	1	3.8	—	—
Homicidal and Legal Intervention, E960-E978	1	5.7	1	6.5	—	—	1	3.6	1	3.8	—	—
All Other Diseases, Residual	18	102.9	15	97.9	3	138.4	27	98.4	26	99.7	1	73.0

¹Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.

²The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	GENEVA COUNTY						GREENE COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	303	13.0	280	13.8	23	7.9	115	11.8	26	14.7	89	11.2
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	1	4.3	1	4.9	—	—	1	10.3	—	—	—	—
Human Immunodeficiency Virus Infection, 042-044	2	8.6	2	9.8	—	—	2	20.5	—	—	2	25.1
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	61	262.3	55	270.1	6	207.0	17	174.4	6	338.2	11	137.9
Lip, Oral Cavity and Pharynx, 140-149	2	8.6	2	9.8	—	—	—	—	—	—	—	—
Digestive Organs and Peritoneum, 150-159	10	43.0	8	39.3	2	69.0	3	30.8	1	56.4	2	25.1
Respiratory and Intrathoracic Organs, 160-165	29	124.7	27	132.6	2	69.0	2	20.5	—	—	2	25.1
Breast, 174-175	1	4.3	1	4.9	—	—	4	41.0	3	169.1	1	12.5
Genitourinary Organs, 179-189	6	25.8	5	24.6	1	34.5	4	41.0	1	56.4	3	37.6
Leukemia, 204-208	1	4.3	—	—	1	34.5	1	10.3	—	—	1	12.5
All Other Sites, 166-173, 176-178, 190-203	12	51.6	12	58.9	—	—	3	30.8	1	56.4	2	25.1
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	4.3	1	4.9	—	—	—	—	—	—	—	—
Diabetes Mellitus, 250	6	25.8	6	29.5	—	—	2	20.5	—	—	2	25.1
Nutritional Deficiencies, 260-269	1	4.3	1	4.9	—	—	—	—	—	—	—	—
Anemias, 280-285	3	12.9	2	9.8	1	34.5	1	10.3	—	—	1	12.5
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	2	8.6	1	4.9	1	34.5	1	10.3	—	—	—	—
Major Cardiovascular Diseases, 390-448	126	541.7	118	579.5	8	276.1	55	564.2	10	563.7	45	564.3
Diseases of Heart, 390-398, 402, 404-429	95	408.4	89	437.1	6	207.0	47	482.1	10	563.7	37	463.9
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	1	4.3	1	4.9	—	—	3	30.8	—	—	3	37.6
Ischemic Heart Disease, 410-414	54	232.2	51	250.5	3	103.5	17	174.4	3	169.1	14	175.5
Other Diseases of Heart, 405, 415-429	40	172.0	37	181.7	3	103.5	26	266.7	7	394.6	19	238.2
Hypertension with or without Renal Disease, 401, 403	—	—	—	—	—	—	—	—	—	—	—	—
Cerebrovascular Disease, 430-438	23	98.9	22	108.0	1	34.5	1	10.3	—	—	1	12.5
Diseases of the Arteries, 440-448	8	34.4	7	34.4	1	34.5	7	71.8	—	—	7	87.8
Atherosclerosis, 440	5	21.5	5	24.6	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	3	12.9	2	9.8	1	34.5	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	9	38.7	9	44.2	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	18	77.4	18	88.4	—	—	7	71.8	2	112.7	5	62.7
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	12.9	3	14.7	—	—	3	30.8	1	56.4	2	25.1
Bronchitis, Emphysema and Asthma, 490-493	15	64.5	15	73.7	—	—	1	10.3	—	—	2	25.1
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	4.3	1	4.9	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	8.6	2	9.8	—	—	1	10.3	—	—	1	12.5
Chronic Liver Disease and Cirrhosis, 571	5	21.5	2	9.8	3	103.5	2	20.5	—	—	2	25.1
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	7	30.1	6	29.5	1	34.5	3	30.8	—	—	3	37.6
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	4.3	1	4.9	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	—	—	—	—	—	—	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	7	30.1	7	34.4	—	—	3	30.8	—	—	3	37.6
Symptoms and Ill-Defined Conditions, 780-799	18	77.4	16	78.6	2	69.0	7	71.8	3	169.1	4	50.2
Accidents, E800-E949	9	38.7	8	39.3	1	34.5	4	41.0	1	56.4	3	37.6
Motor Vehicle Accidents, E810-E825	9	38.7	8	39.3	1	34.5	3	30.8	2	112.7	1	12.5
All Other Accidents, E800-E809, E826-E949	3	12.9	3	14.7	—	—	1	10.3	—	—	1	12.5
Suicide, E950-E959	—	—	—	—	—	—	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	—	—	—	—	—	—	—	—	—	—	—	—
All Other Diseases, Residual	29	124.7	28	137.5	1	34.5	6	61.5	1	56.4	2	25.1

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49 — continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	HALE COUNTY			HENRY COUNTY			BLACK AND OTHER		
	TOTAL	WHITE	BLACK AND OTHER	TOTAL	WHITE	BLACK AND OTHER	NUMBER	RATE	RATE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	RATE	RATE
TOTAL ALL CAUSES	168	10.9	10.4	101	11.3	13.4	207	13.4	13.5
Tuberculosis, All Forms, 010-018	1	6.5	—	1	11.2	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—
Septicemia, 038	3	19.5	15.5	2	22.3	—	3	19.4	9.8
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	1	6.5	19.1
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	47	305.4	326.1	26	290.4	349.9	54	349.9	343.0
Lip, Oral Cavity and Pharynx, 140-149	10	65.0	93.2	4	44.7	6.5	1	6.5	19.1
Digestive Organs and Peritoneum, 150-159	20	129.9	155.3	10	111.7	116.6	15	97.2	133.4
Respiratory and Intrathoracic Organs, 160-165	—	—	—	—	—	—	18	116.6	57.2
Breast, 174-175	9	58.5	31.1	7	78.2	32.4	5	32.4	38.1
Genitourinary Organs, 179-189	1	6.5	15.5	1	15.5	—	5	32.4	38.1
Leukemia, 204-208	7	45.5	31.1	5	55.8	64.8	10	64.8	57.2
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	6	39.0	46.6	3	33.5	51.8	8	51.8	76.2
Diabetes Mellitus, 250	—	—	—	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	—	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	68	441.8	403.8	42	469.1	6.5	93	602.6	533.5
Diseases of Heart, 390-398, 402, 404-429	51	331.3	326.1	30	335.1	466.5	72	466.5	343.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	4	26.0	—	4	44.7	25.9	4	25.9	38.1
Ischemic Heart Disease, 410-414	26	168.9	233.0	11	122.9	233.3	36	233.3	152.4
Other Diseases of Heart, 405, 415-429	21	136.4	93.2	15	167.5	207.3	28	274.9	152.4
Hypertension with or without Renal Disease, 401, 403	2	13.0	—	2	22.3	6.5	32	207.3	19.1
Cerebrovascular Disease, 430-438	13	84.5	62.1	9	100.5	84.2	13	84.2	114.3
Diseases of the Arteries, 440-448	2	13.0	15.5	1	11.2	19.4	7	45.4	57.2
Atherosclerosis, 440	2	13.0	15.5	1	11.2	19.4	3	19.4	57.2
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	4	25.9	—
Acute Bronchitis and Bronchiolitis, 466	5	32.5	46.6	2	22.3	32.4	5	32.4	19.1
Pneumonia and Influenza, 480-487	5	32.5	46.6	2	22.3	38.9	6	38.9	38.1
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	6.5	15.5	—	—	—	2	13.0	19.1
Bronchitis, Emphysema and Asthma, 490-493	—	—	—	—	—	—	4	25.9	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	4	26.0	31.1	2	22.3	25.9	4	25.9	19.1
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	—	—	—	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	1	6.5	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	2	13.0	—	2	22.3	32.4	5	32.4	38.1
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	19.5	31.1	1	11.2	13.0	2	13.0	38.1
Congenital Anomalies, 740-759	2	13.0	15.5	2	22.3	6.5	1	6.5	—
Certain Conditions Originating in the Perinatal Period, 760-779	2	13.0	—	2	22.3	—	1	—	—
Symptoms and Ill-Defined Conditions, 780-799	10	65.0	62.1	6	67.0	51.8	8	51.8	95.3
Accidents, E800-E949	8	52.0	62.1	4	44.7	32.4	3	32.4	57.2
Motor Vehicle Accidents, E810-E825	2	13.0	15.5	2	22.3	25.9	5	25.9	19.1
All Other Accidents, E800-E809, E826-E949	2	13.0	—	1	11.2	—	4	—	—
Suicide, E950-E959	2	13.0	—	1	11.2	—	2	—	—
Homicide and Legal Intervention, E960-E978	2	13.0	—	2	22.3	—	2	—	—
All Other Diseases, Residual	10	65.0	31.1	8	89.4	84.2	13	84.2	95.3

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	HOUSTON COUNTY				JACKSON COUNTY							
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	811	9.5	636	10.0	176	8.2	547	11.9	523	12.3	24	6.8
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	9	10.6	7	11.0	2	9.4	2	4.3	2	4.7	—	—
Septicemia, 038	11	12.9	2	3.1	9	42.3	2	4.3	2	4.7	—	—
Human Immunodeficiency Virus Infection, 042-044	3	3.5	2	3.1	1	4.7	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	177	207.9	145	227.1	32	150.3	105	228.4	100	235.5	5	142.3
Lip, Oral Cavity and Pharynx, 140-149	3	3.5	3	4.7	—	—	3	6.5	2	4.7	1	28.5
Digestive Organs and Peritoneum, 150-159	34	39.9	24	37.6	10	47.0	21	45.7	21	49.5	2	56.9
Respiratory and Intra-thoracic Organs, 160-165	64	75.2	58	90.8	6	28.2	26	56.5	24	56.5	2	28.5
Breast, 174-175	10	11.7	9	14.1	1	4.7	11	23.9	10	23.5	1	—
Genitourinary Organs, 179-189	34	39.9	22	34.5	12	56.4	23	50.0	23	54.2	1	28.5
Leukemia, 204-208	4	4.7	3	4.7	1	4.7	5	10.9	4	9.4	1	—
All Other Sites, 166-173, 176-178, 190-203	28	32.9	26	40.7	2	9.4	16	34.8	16	37.7	—	—
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	2.3	2	3.1	—	—	4	8.7	4	9.4	—	—
Diabetes Mellitus, 250	8	9.4	5	7.8	3	14.1	14	30.4	13	30.6	1	28.5
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	1	1.2	1	1.6	—	—	4	8.7	3	7.1	1	28.5
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	11	12.9	10	15.7	1	4.7	4	8.7	4	9.4	—	—
Major Cardiovascular Diseases, 390-448	345	405.2	268	419.7	77	361.7	253	560.3	241	567.5	12	341.5
Diseases of Heart, 390-398, 402, 404-429	294	298.3	195	305.4	59	277.2	208	452.4	200	471.0	8	227.7
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	2.3	2	3.1	—	—	1	2.2	1	2.4	—	—
Hypertension with Heart and Renal Disease, 402, 404	10	11.7	6	9.4	4	18.8	4	8.7	3	7.1	1	28.5
Ischemic Heart Disease, 410-414	144	169.1	114	178.5	30	140.9	99	215.3	96	226.1	3	85.4
Other Diseases of Heart, 405, 415-429	98	115.1	73	114.3	25	117.4	104	226.2	100	235.5	4	113.8
Hypertension with or without Renal Disease, 401, 403	4	4.7	3	4.7	1	4.7	2	4.3	2	4.7	—	—
Cerebrovascular Disease, 430-438	58	68.1	48	75.2	10	47.0	36	78.3	32	75.4	4	113.8
Diseases of the Arteries, 440-448	29	34.1	22	34.5	7	32.9	7	15.2	7	16.5	—	—
Atherosclerosis, 440	22	25.8	16	25.1	6	28.2	1	2.2	1	2.4	—	—
Other Diseases of the Arteries, 441-448	7	8.2	6	9.4	1	4.7	6	13.0	6	14.1	—	—
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	25	29.4	22	34.5	3	14.1	15	32.6	15	35.3	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	37	43.5	32	50.1	5	23.5	30	65.2	29	68.3	1	28.5
Bronchitis, Emphysema and Asthma, 490-493	5	5.9	5	7.8	—	—	3	6.5	3	7.1	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	32	37.6	27	42.3	5	23.5	27	58.7	26	61.2	1	28.5
Ulcer of Stomach and Duodenum, 531-533	1	1.2	1	1.6	—	—	—	—	—	—	—	—
Appendicitis, 540-543	1	1.2	1	1.6	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	4	4.7	2	3.1	2	9.4	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	9	10.6	8	12.5	1	4.7	5	10.9	5	11.8	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	3	3.5	2	3.1	1	4.7	3	6.5	3	7.1	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	9	10.6	4	6.3	5	23.5	10	21.7	9	21.2	1	28.5
Infections of the Kidney, 590	1	1.2	1	1.6	—	—	1	2.2	1	2.4	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	5	5.9	5	7.8	—	—	1	2.2	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	5	5.9	2	3.1	3	14.1	2	4.3	2	4.7	1	28.5
Symptoms and Ill-Defined Conditions, 780-799	12	14.1	10	15.7	2	9.4	11	23.9	11	25.9	—	—
Accidents, E800-E949	30	35.2	27	42.3	3	14.1	39	84.8	38	89.5	1	28.5
Motor Vehicle Accidents, E810-E825	20	23.5	20	31.3	—	—	19	41.3	19	44.7	—	—
All Other Accidents, E800-E809, E826-E949	10	11.7	7	11.0	3	14.1	20	43.5	19	44.7	1	28.5
Suicide, E950-E959	14	16.4	11	17.2	3	14.1	6	14.1	6	14.1	—	—
Homicide and Legal Intervention, E960-E978	11	12.9	—	—	11	51.7	2	4.3	2	4.7	—	—
All Other Diseases, Residual	77	90.4	66	103.4	11	51.7	33	71.8	32	75.4	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.

² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49 — continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	JEFFERSON COUNTY						LAMAR COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	7,131	11.1	4,451	11.1	2,680	11.3	205	13.4	186	13.9	19	10.1
Tuberculosis, All Forms, 010-018	6	0.9	2	0.5	4	1.7	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	104	16.3	52	12.9	52	21.9	1	6.6	1	7.5	—	—
Human Immunodeficiency Virus Infection, 042-044	14	2.2	11	2.7	3	1.3	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1,602	250.5	1,046	260.4	556	233.7	43	281.9	39	291.6	4	212.7
Lip, Oral Cavity and Pharynx, 140-149	29	4.5	15	3.7	14	5.9	—	—	—	—	—	—
Digestive Organs and Peritoneum, 150-159	366	57.2	223	55.5	143	60.1	10	65.6	7	52.3	3	159.5
Respiratory and Intrathoracic Organs, 160-165	450	70.4	329	81.9	121	50.9	15	98.3	14	104.7	1	53.2
Breast, 174-175	123	19.2	67	16.7	56	23.5	3	19.7	3	22.4	—	—
Genitourinary Organs, 179-189	263	41.1	158	39.3	105	44.1	7	45.9	7	52.3	—	—
Leukemia, 204-208	58	9.1	40	10.0	18	7.6	3	19.7	3	22.4	—	—
All Other Sites, 166-173, 176-178, 190-203	313	48.9	214	53.3	99	41.6	5	32.8	5	37.4	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	7	1.1	5	1.2	2	0.8	3	19.7	2	15.0	1	53.2
Diabetes Mellitus, 250	192	30.0	90	22.4	102	42.9	2	13.1	2	15.0	—	—
Nutritional Deficiencies, 260-269	14	2.2	11	2.7	3	1.3	—	—	—	—	—	—
Anemias, 280-285	15	2.3	10	2.5	5	2.1	3	19.7	2	15.0	1	53.2
Meningitis, 320-322	5	0.8	4	1.0	1	0.4	—	—	—	—	—	—
Alzheimer's Disease, 3310	81	12.7	62	15.4	19	8.0	3	19.7	2	15.0	1	53.2
Major Cardiovascular Diseases, 390-448	2,596	405.9	1,680	418.2	916	385.1	90	590.0	83	620.7	7	372.1
Diseases of Heart, 390-398, 402, 404-429	1,934	302.4	1,285	319.9	649	272.8	71	465.5	66	486.1	6	319.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	11	1.7	8	2.0	3	1.3	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	79	12.4	29	7.2	50	21.0	1	6.6	1	7.5	—	—
Ischemic Heart Disease, 410-414	964	150.7	718	178.7	246	103.4	35	229.4	34	254.2	1	53.2
Other Diseases of Heart, 405, 415-429	890	137.6	530	131.9	350	147.1	35	229.4	30	224.3	5	265.8
Hypertension with or without Renal Disease, 401, 403	57	8.9	16	4.0	41	17.2	1	6.6	1	7.5	—	—
Cerebrovascular Disease, 430-438	502	78.5	311	77.4	191	80.3	14	91.8	13	97.2	1	53.2
Diseases of the Arteries, 440-448	103	16.1	68	16.9	35	14.7	4	26.2	4	29.9	—	—
Atherosclerosis, 440	28	4.4	19	4.7	9	3.8	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	75	11.7	49	12.2	26	10.9	4	26.2	4	29.9	—	—
Acute Bronchitis and Bronchiolitis, 466	1	0.2	1	0.2	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	270	42.2	181	45.1	89	37.4	5	32.8	5	37.4	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	260	40.6	203	50.5	57	24.0	9	59.0	9	67.3	—	—
Bronchitis, Emphysema and Asthma, 490-493	57	8.9	43	10.7	14	5.9	2	13.1	2	15.0	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	203	31.7	160	39.8	43	18.1	7	46.9	7	52.3	—	—
Ulcer of Stomach and Duodenum, 531-533	14	2.2	10	2.5	4	1.7	—	—	—	—	—	—
Appendicitis, 540-543	2	0.3	—	—	2	0.8	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	20	3.1	12	3.0	8	3.4	1	6.6	1	7.5	—	—
Chronic Liver Disease and Cirrhosis, 571	71	11.1	51	12.7	20	8.4	2	13.1	2	15.0	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	8	1.3	5	1.2	3	1.3	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	95	14.9	44	11.0	51	21.4	6	39.3	6	44.9	—	—
Infections of the Kidney, 590	5	0.8	3	0.7	2	0.8	—	—	—	—	—	—
Hyperplasia of Prostate, 600	1	0.2	—	—	1	0.4	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	33	5.2	21	5.2	12	5.0	—	—	—	—	—	—
Congenital Anomalies, 740-759	64	10.0	20	5.0	44	18.5	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	277	43.3	130	32.4	147	61.8	2	13.1	2	15.0	—	—
Symptoms and Ill-Defined Conditions, 780-799	300	46.9	188	46.8	112	47.1	10	65.6	7	52.3	3	159.5
Accidents, E800-E949	129	20.2	81	20.2	48	20.2	6	39.3	3	22.4	3	159.5
Motor Vehicle Accidents, E810-E825	171	26.7	107	26.7	64	26.9	4	26.2	4	29.9	—	—
All Other Accidents, E800-E809, E826-E949	91	14.2	75	18.7	16	6.7	4	26.2	4	29.9	—	—
Suicide, E950-E959	155	24.2	30	7.5	125	52.5	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	734	114.8	469	116.7	265	111.4	21	137.7	19	142.1	2	106.3
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	LAUDERDALE COUNTY						LAWRENCE COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	863	11.0	772	10.9	91	11.3	341	10.4	283	11.5	58	7.1
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	13	16.5	11	15.6	2	24.8	4	12.2	3	12.2	1	12.3
Septicemia, 038	3	3.8	3	4.2	—	—	—	—	—	—	—	—
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	185	235.1	167	236.5	18	223.2	68	208.1	61	248.5	7	86.1
Lip, Oral Cavity and Pharynx, 140-149	37	47.0	34	48.1	3	37.2	13	39.8	10	40.7	3	36.9
Digestive Organs and Peritoneum, 150-159	62	78.8	57	80.7	5	62.0	22	67.3	21	85.6	1	12.3
Respiratory and Intra-thoracic Organs, 160-165	17	21.6	14	19.8	3	37.2	5	15.3	4	16.3	1	12.3
Breast, 174-175	20	25.4	20	28.3	—	—	6	18.4	6	24.4	—	—
Genitourinary Organs, 179-189	4	5.1	4	5.7	—	—	3	9.2	2	8.1	—	—
Leukemia, 204-208	45	57.2	38	53.8	7	86.8	19	58.2	18	73.3	1	12.3
All Other Sites, 166-173, 176-178, 190-203	4	5.1	4	5.7	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	16	20.3	14	19.8	2	24.8	8	24.5	5	20.4	3	36.9
Diabetes Mellitus, 250	—	—	—	—	—	—	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	6	7.6	6	8.5	—	—	7	21.4	7	28.5	—	—
Major Cardiovascular Diseases, 390-448	368	467.6	332	470.1	36	446.4	161	492.8	130	529.7	31	381.4
Diseases of Heart, 390-398, 402, 404-429	294	373.6	271	383.7	23	285.2	122	373.4	103	419.7	19	233.8
Active Rheumatic Fever and Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	2	2.5	2	2.8	—	—	2	6.1	1	4.1	—	—
Ischemic Heart Disease, 410-414	127	161.4	122	172.7	5	62.0	69	211.2	59	240.4	10	123.0
Other Diseases of Heart, 405, 415-429	165	209.7	147	208.1	18	223.2	51	156.1	43	175.2	8	98.4
Hypertension with or without Renal Disease, 401, 403	5	6.4	3	4.2	2	24.8	2	24.8	—	—	—	—
Cerebrovascular Disease, 430-438	59	75.0	49	69.4	10	124.0	37	113.3	25	101.9	12	147.7
Diseases of the Arteries, 440-448	10	12.7	9	12.7	1	12.4	2	6.1	2	8.1	—	—
Atherosclerosis, 440	1	1.3	1	1.4	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	9	11.4	8	11.3	1	12.4	2	6.1	2	8.1	—	—
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	17	21.6	16	22.7	1	12.4	10	30.6	10	40.7	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	28	35.6	25	35.4	3	37.2	12	36.7	12	48.9	—	—
Bronchitis, Emphysema and Asthma, 490-493	6	7.6	5	7.1	1	12.4	5	15.3	5	20.4	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	22	28.0	20	28.3	2	24.8	7	21.4	7	28.5	—	—
Ulcer of Stomach and Duodenum, 531-533	1	1.3	1	1.4	—	—	1	3.1	1	4.1	—	—
Appendicitis, 540-543	1	1.3	1	1.4	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	3	3.8	1	1.4	2	24.8	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	6	7.6	5	7.1	1	12.4	1	3.1	1	4.1	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	3	3.8	3	4.2	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	17	21.6	14	19.8	3	37.2	3	9.2	2	8.1	1	12.3
Infections of the Kidney, 590	1	1.3	1	1.4	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	5	6.4	5	7.1	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	6	7.6	3	4.2	3	37.2	1	3.1	1	4.1	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	43	54.6	35	49.6	8	99.2	7	21.4	5	20.4	2	24.6
Symptoms and Ill-Defined Conditions, 780-799	54	68.6	50	70.8	4	49.6	26	79.6	21	85.6	5	61.5
Accidents, E800-E949	31	39.4	30	42.5	1	12.4	13	39.8	10	40.7	3	36.9
Motor Vehicle Accidents, E810-E825	23	29.2	20	28.3	3	37.2	13	39.8	11	44.8	2	24.6
All Other Accidents, E800-E809, E826-E949	6	7.6	6	8.5	—	—	4	12.2	4	16.3	—	—
Suicide, E950-E959	4	5.1	3	4.2	1	12.4	3	9.2	2	8.1	1	12.3
Homicide and Legal Intervention, E960-E978	73	92.8	66	93.4	7	86.8	23	70.4	18	73.3	5	61.5
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	LEE COUNTY						LIMESTONE COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	656	7.1	460	6.7	196	8.3	544	9.3	476	9.3	68	9.1
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	1	1.7	1	2.0	—	—
Meningococcal Infection, 036	14	15.2	7	10.2	7	29.5	6	10.2	5	9.8	1	13.4
Septicemia, 038	10	10.9	5	7.3	5	21.1	5	8.5	1	2.0	4	53.8
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	147	159.5	105	153.4	42	177.0	40	68.1	39	76.1	1	13.4
Lip, Oral Cavity and Pharynx, 140-149	1	1.1	1	1.5	6	25.3	9	15.3	9	17.6	—	—
Digestive Organs and Peritoneum, 150-159	24	26.0	18	26.3	6	25.3	10	17.0	10	19.5	—	—
Respiratory and Intra-thoracic Organs, 160-165	29	31.5	23	33.6	6	25.3	4	6.8	4	7.8	—	—
Breast, 174-175	2	2.2	1	1.5	1	4.2	5	9.8	5	9.8	—	—
Genitourinary Organs, 179-189	2	2.2	2	2.9	7	29.5	2	3.4	2	3.9	—	—
Leukemia, 204-208	68	73.8	46	67.2	22	92.7	10	17.0	9	17.6	1	13.4
All Other Sites, 166-173, 176-178, 190-203	3	3.3	2	2.9	1	4.2	4	6.8	3	5.9	1	13.4
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	16	17.4	11	16.1	5	21.1	—	—	—	—	—	—
Diabetes Mellitus, 250	1	1.1	1	1.5	3	12.6	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	5	5.4	2	2.9	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	7	7.6	7	10.2	—	—	2	3.4	2	3.9	—	—
Alzheimer's Disease, 3310	254	275.6	186	271.8	68	286.6	361	614.9	318	620.3	43	578.1
Major Cardiovascular Diseases, 390-448	202	219.2	146	213.3	56	236.0	329	560.4	288	561.7	41	551.2
Diseases of Heart, 390-398, 402, 404-429	1	1.1	1	1.5	—	—	1	1.7	1	2.0	—	—
Active Rheumatic Fever and Chronic Rheumatic Heart Disease, 390-398	4	4.3	3	4.4	36	151.7	72	122.6	66	128.7	6	80.7
Hypertension with Heart and Renal Disease, 402, 404	136	147.6	100	146.1	19	80.1	256	436.1	221	431.1	35	470.6
Ischemic Heart Disease, 410-414	61	66.2	42	61.4	3	12.6	3	5.1	3	5.9	—	—
Other Diseases of Heart, 405, 415-429	4	4.3	1	1.5	8	33.7	20	34.1	18	35.1	2	26.9
Hypertension with or without Renal Disease, 401, 403	41	44.5	6	8.8	1	4.2	9	15.3	9	17.5	—	—
Cerebrovascular Disease, 430-438	4	4.3	4	5.8	4	16.3	4	6.8	4	7.8	—	—
Diseases of the Arteries, 440-448	3	3.3	2	2.9	1	4.2	5	8.5	5	9.8	—	—
Atherosclerosis, 440	3	3.3	1	1.5	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	20	21.7	16	23.4	4	16.9	6	10.2	5	9.8	1	13.4
Acute Bronchitis and Bronchiolitis, 466	20	21.7	16	23.4	4	16.9	15	25.6	12	23.4	3	40.3
Pneumonia and Influenza, 480-487	20	21.7	16	23.4	4	16.9	4	6.8	2	3.9	2	26.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	4	4.3	3	4.4	1	4.2	4	6.8	2	3.9	1	13.4
Bronchitis, Emphysema and Asthma, 490-493	16	17.4	13	19.0	3	12.6	11	18.7	10	19.5	1	13.4
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	3	3.3	2	2.9	1	4.2	2	3.4	2	3.9	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	5	5.4	3	4.4	2	8.4	3	5.1	2	3.9	1	13.4
Chronic Liver Disease and Cirrhosis, 571	1	1.1	1	1.5	—	—	1	1.7	1	2.0	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	17	18.4	6	8.8	11	46.4	7	11.9	6	11.7	1	13.4
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	1.1	1	1.5	—	—	2	3.4	2	3.9	—	—
Congenital Anomalies, 740-759	5	5.4	3	4.4	2	8.4	4	6.8	2	3.9	2	26.9
Certain Conditions Originating in the Perinatal Period, 760-779	25	27.1	19	27.8	6	25.3	4	6.8	4	7.8	—	—
Symptoms and Ill-Defined Conditions, 780-799	34	36.9	26	38.0	8	33.7	37	62.4	32	62.4	5	67.2
Accidents, E800-E949	21	22.8	16	23.4	5	21.1	16	27.3	13	25.4	3	40.3
Motor Vehicle Accidents, E810-E825	13	14.1	10	14.6	3	12.6	21	35.8	19	37.1	2	26.9
All Other Accidents, E800-E809, E826-E949	11	11.9	9	13.2	2	8.4	6	10.2	5	9.8	1	13.4
Suicide, E950-E959	6	6.5	2	2.9	4	16.9	5	8.5	4	7.8	1	13.4
Homicide and Legal Intervention, E960-E978	—	—	—	—	—	—	—	—	—	—	—	—
All Other Diseases, Residual	50	54.3	29	42.4	21	88.5	29	49.4	29	50.7	3	40.3

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49 — continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	LOWNDES COUNTY						MACON COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	159	12.8	47	15.0	112	12.1	280	11.8	42	13.2	238	11.6
Tuberculosis, All Forms, 010-018	1	8.1	—	—	1	10.8	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	1	8.1	—	—	1	10.8	2	8.4	1	31.3	1	4.9
Human Immunodeficiency Virus Infection, 042-044	2	16.2	—	—	2	21.7	3	12.6	—	—	3	14.6
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	32	258.6	13	414.3	19	205.7	79	332.4	12	375.9	67	325.7
Lip, Oral Cavity and Pharynx, 140-149	1	8.1	—	—	1	10.8	3	12.6	—	—	3	14.6
Digestive Organs and Peritoneum, 150-159	7	56.6	2	63.7	5	54.1	31	130.4	5	156.6	26	126.4
Respiratory and Intrathoracic Organs, 160-165	3	24.2	2	63.7	1	10.8	23	96.8	5	156.6	18	87.5
Breast, 174-175	2	16.2	1	31.9	1	10.8	5	21.0	—	—	5	24.3
Genitourinary Organs, 179-189	2	16.2	—	—	2	21.7	11	46.3	1	31.3	11	53.5
Leukemia, 204-208	—	—	—	—	—	—	1	4.2	1	31.3	—	—
All Other Sites, 166-173, 176-178, 190-203	17	137.4	8	254.9	9	97.4	5	21.0	1	31.3	4	19.4
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	—	—	—	—	—	—	2	8.4	1	31.3	1	4.9
Diabetes Mellitus, 250	3	24.2	—	—	3	32.5	5	21.0	—	—	5	24.3
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	—	—	—	—	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	75	606.1	26	828.6	49	530.5	103	433.4	14	438.6	89	432.6
Diseases of Heart, 390-398, 402, 404-429	63	509.1	22	701.1	41	443.9	79	332.4	12	375.9	67	325.7
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	1	8.1	—	—	1	10.8	4	16.8	—	—	4	19.4
Ischemic Heart Disease, 410-414	15	121.2	8	254.9	7	75.8	59	248.3	11	344.6	48	233.3
Other Diseases of Heart, 405, 415-429	47	379.8	14	446.1	33	357.3	16	67.3	1	31.3	15	72.9
Hypertension with or without Renal Disease, 401, 403	1	8.1	—	—	1	10.8	2	8.4	—	—	2	9.7
Cerebrovascular Disease, 430-438	9	72.7	3	95.6	6	65.0	19	80.0	2	62.7	17	82.6
Diseases of the Arteries, 440-448	2	16.2	—	—	2	21.7	3	12.6	—	—	3	14.6
Atherosclerosis, 440	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	2	16.2	—	—	2	21.7	3	12.6	—	—	3	14.6
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	3	24.2	2	63.7	1	10.8	14	58.9	3	94.0	11	53.5
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	8.1	—	—	1	10.8	7	29.5	1	31.3	6	29.2
Bronchitis, Emphysema and Asthma, 490-493	—	—	—	—	—	—	—	—	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	8.1	—	—	1	10.8	7	29.5	1	31.3	6	29.2
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	16.2	—	—	2	21.7	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	3	24.2	—	—	3	32.5	7	29.5	—	—	7	34.0
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	1	8.1	1	31.9	—	—	1	4.2	—	—	1	4.9
Certain Conditions Originating in the Perinatal Period, 760-779	1	8.1	—	—	1	10.8	1	4.2	—	—	1	4.9
Symptoms and Ill-Defined Conditions, 780-799	3	24.2	—	—	3	32.5	5	16.8	—	—	4	19.4
Accidents, E800-E949	14	113.1	2	63.7	12	129.9	9	37.9	3	31.3	6	29.2
Motor Vehicle Accidents, E810-E825	8	64.6	1	31.9	7	75.8	4	16.8	2	62.7	2	9.7
All Other Accidents, E800-E809, E826-E949	6	48.5	1	31.9	5	54.1	5	21.0	1	31.3	4	19.4
Suicide, E950-E959	1	8.1	—	—	1	10.8	4	16.8	—	—	4	19.4
Homicide and Legal Intervention, E960-E978	7	56.6	—	—	7	75.8	7	29.5	—	—	7	34.0
All Other Diseases, Residual	9	72.7	3	95.6	6	65.0	25	105.2	4	125.3	21	102.1

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	MADISON COUNTY						MARENGO COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	1,830	6.9	1,503	7.4	327	5.3	267	12.1	124	11.2	143	13.0
Tuberculosis, All Forms, 010-018	3	1.1	2	1.0	1	1.6	—	—	—	—	—	—
Meningococcal Infection, 036	1	0.4	—	—	1	1.6	—	—	—	—	—	—
Septicemia, 038	24	9.0	17	8.3	7	11.4	4	18.1	1	9.0	3	27.3
Human Immunodeficiency Virus Infection, 042-044	19	7.1	11	5.4	8	13.0	1	4.5	—	—	1	9.1
Viral Hepatitis, 070	4	1.5	4	2.0	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	400	150.4	336	164.4	64	103.9	53	239.7	26	233.9	27	245.5
Lip, Oral Cavity and Pharynx, 140-149	6	2.3	4	2.0	2	3.2	2	9.0	2	18.0	—	—
Digestive Organs and Peritoneum, 150-159	100	37.6	79	38.7	21	34.1	19	85.9	9	81.0	10	90.9
Respiratory and Intrathoracic Organs, 160-165	107	40.2	98	48.0	9	14.6	17	76.9	9	81.0	8	72.7
Breast, 174-175	31	11.7	25	12.2	6	9.7	1	4.5	1	9.0	—	—
Genitourinary Organs, 179-189	58	21.8	53	25.9	5	8.1	9	40.7	2	18.0	7	63.6
Leukemia, 204-208	15	5.6	13	6.4	2	3.2	2	9.0	2	18.0	—	—
All Other Sites, 166-173, 176-178, 190-203	83	31.2	64	31.3	19	30.9	3	13.6	1	9.0	2	18.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	8	3.0	7	3.4	1	1.6	—	—	—	—	—	—
Diabetes Mellitus, 250	50	18.8	31	15.2	19	30.9	7	31.7	3	27.0	4	36.4
Nutritional Deficiencies, 260-269	1	0.4	1	0.5	—	—	—	—	—	—	—	—
Anemias, 280-285	7	2.6	5	2.4	2	3.2	—	—	—	—	—	—
Meningitis, 320-322	22	8.3	21	10.3	1	1.6	2	9.0	2	18.0	—	—
Alzheimer's Disease, 3310	778	292.6	649	317.6	129	209.5	116	524.6	56	503.9	60	545.5
Major Cardiovascular Diseases, 390-448	638	239.9	536	262.3	102	165.6	80	361.8	38	341.9	42	381.9
Diseases of Heart, 390-398, 402, 404-429	3	1.1	3	1.5	—	—	—	—	—	—	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	19	7.1	13	6.4	6	9.7	5	22.6	1	9.0	4	36.4
Hypertension with Heart and Renal Disease, 402, 404	312	117.3	269	131.7	43	69.8	36	162.8	18	162.0	18	163.7
Ischemic Heart Disease, 410-414	304	114.3	251	122.8	53	86.1	39	176.4	19	171.0	20	181.8
Other Diseases of Heart, 405, 415-429	8	3.0	5	2.4	3	4.9	1	4.5	—	—	1	9.1
Hypertension with or without Renal Disease, 401, 403	107	40.2	87	42.6	20	32.5	33	149.2	17	153.0	16	145.5
Cerebrovascular Diseases, 430-438	25	9.4	21	10.3	4	6.5	2	9.0	1	9.0	1	9.1
Diseases of the Arteries, 440-448	1	0.4	—	—	1	1.6	—	—	—	—	—	—
Atherosclerosis, 440	24	9.0	21	10.3	3	4.9	2	9.0	1	9.0	1	9.1
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	45	16.9	36	17.6	9	14.5	6	27.1	4	36.0	2	18.2
Pneumonia and Influenza, 480-487	69	25.9	65	31.8	4	6.5	10	45.2	7	63.0	3	27.3
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	18	6.8	17	8.3	1	1.6	2	9.0	2	18.0	—	—
Bronchitis, Emphysema and Asthma, 490-493	51	19.2	48	23.5	3	4.9	8	36.2	5	45.0	3	27.3
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	3	1.1	3	1.5	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	5	1.9	4	2.0	1	1.6	1	4.5	1	9.0	—	—
Chronic Liver Disease and Cirrhosis, 571	26	9.8	23	11.3	3	4.9	3	13.6	1	9.0	2	18.2
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	0.8	2	1.0	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	29	10.9	20	9.8	9	14.6	4	18.1	1	9.0	3	27.3
Infections of the Kidney, 590	1	0.4	1	0.5	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	1	0.4	1	0.5	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	13	4.9	10	4.9	3	4.9	1	4.5	—	—	1	9.1
Congenital Anomalies, 740-759	13	4.9	9	4.4	4	6.5	1	4.5	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	18	6.8	15	7.3	3	4.9	6	27.1	1	9.0	5	45.5
Symptoms and Ill-Defined Conditions, 780-799	70	26.3	55	26.9	15	24.4	18	81.4	5	45.0	13	118.2
Accidents, E800-E949	32	14.3	27	13.2	5	8.1	8	36.2	3	27.0	5	45.5
Motor Vehicle Accidents, E810-E825	38	14.3	28	13.7	10	16.2	10	45.2	2	18.0	8	72.7
All Other Accidents, E800-E809, E826-E949	24	9.0	21	10.3	3	4.9	3	13.6	1	9.0	2	18.2
Suicide, E950-E959	22	8.3	17	8.3	5	8.1	5	22.6	3	27.0	2	18.2
Homicide and Legal Intervention, E960-E978	—	—	—	—	—	—	—	—	—	—	—	—
All Other Diseases, Residual	169	63.6	136	66.6	33	53.6	25	113.1	10	90.0	15	136.4

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	MARION COUNTY						MARSHALL COUNTY					
	TOTAL			BLACK AND OTHER			TOTAL			BLACK AND OTHER		
	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER
TOTAL ALL CAUSES	353	12.0	340	13	10.9	875	11.9	854	11.8	21	13.3	
Tuberculosis, All Forms, 010-018	—	—	—	—	—	1	1.4	1	1.4	—	—	
Meningococcal Infection, 036	3	10.2	2	1	83.7	7	9.5	7	9.7	—	—	
Septicemia, 038	1	3.4	1	—	—	3	4.1	3	4.2	—	—	
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	75	254.1	73	2	167.4	190	257.9	181	251.1	9	569.6	
Lip, Oral Cavity and Pharynx, 140-149	22	74.5	22	—	—	4	5.4	3	4.2	1	63.3	
Digestive Organs and Peritoneum, 150-159	19	64.4	17	2	167.4	63	85.5	61	84.6	3	189.9	
Respiratory and Intra-thoracic Organs, 160-165	3	10.2	3	—	—	10	13.6	10	13.9	2	126.6	
Breast, 174-175	7	23.7	7	—	—	26	35.3	25	34.7	1	63.3	
Genitourinary Organs, 179-189	5	16.9	5	—	—	5	6.8	4	5.5	1	63.3	
Leukemia, 204-208	19	64.4	19	—	—	40	54.3	39	54.1	1	63.3	
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	—	—	—	—	—	
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	8	27.1	7	1	83.7	1	1.4	1	1.4	—	—	
Diabetes Mellitus, 250	1	3.4	1	—	—	3	4.1	3	4.2	—	—	
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	
Alzheimer's Disease, 3310	3	10.2	3	—	—	15	20.4	15	20.8	—	—	
Major Cardiovascular Diseases, 390-448	137	464.1	132	5	418.4	366	496.8	360	489.4	6	379.7	
Diseases of Heart, 390-398, 402, 404-429	122	413.3	117	5	418.4	283	384.1	277	384.2	6	379.7	
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	5	16.9	5	—	—	2	2.7	1	1.4	—	—	
Hypertension with Heart and Renal Disease, 402, 404	74	250.7	70	4	334.7	129	175.1	125	173.4	4	253.2	
Ischemic Heart Disease, 410-414	43	145.7	42	1	83.7	152	206.3	151	208.5	1	63.3	
Other Diseases of Heart, 405, 415-429	2	6.8	2	—	—	68	92.3	68	94.3	—	—	
Hypertension with or without Renal Disease, 401, 403	9	30.5	9	—	—	13	17.6	13	18.0	—	—	
Cerebrovascular Diseases, 430-438	4	13.6	4	—	—	3	4.1	3	4.2	—	—	
Diseases of the Arteries, 440-448	1	3.4	1	—	—	10	13.6	10	13.9	—	—	
Atherosclerosis, 440	3	10.2	3	—	—	—	—	—	—	—	—	
Acute Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	
Acute Bronchitis and Bronchiolitis, 466	17	57.6	17	—	—	22	29.9	22	30.5	—	—	
Pneumonia and Influenza, 480-487	17	57.6	17	—	—	45	61.1	45	62.4	—	—	
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	10.2	3	—	—	14	19.0	14	19.4	—	—	
Bronchitis, Emphysema and Asthma, 490-493	14	47.4	14	—	—	31	42.1	31	43.0	—	—	
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	5	6.8	5	6.9	—	—	
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	6.8	2	—	—	7	9.5	7	9.7	—	—	
Chronic Liver Disease and Cirrhosis, 571	1	3.4	1	—	—	2	2.7	2	2.8	—	—	
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	3.4	1	—	—	16	21.7	15	20.8	1	63.3	
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	3.4	1	—	—	5	6.8	4	5.5	—	—	
Congenital Anomalies, 740-759	1	3.4	1	—	—	—	—	—	—	—	—	
Certain Conditions Originating in the Perinatal Period, 760-779	2	6.8	2	—	—	19	25.8	19	26.4	—	—	
Symptoms and Ill-Defined Conditions, 780-799	37	123.6	35	2	167.4	47	63.8	45	62.4	2	126.6	
Accidents, E800-E949	20	67.1	19	1	83.7	28	38.0	27	37.5	1	63.3	
Motor Vehicle Accidents, E810-E825	17	57.6	16	1	83.7	19	25.8	18	25.0	1	63.3	
All Other Accidents, E800-E809, E826-E949	5	16.9	5	—	—	15	20.4	15	20.8	—	—	
Suicide, E950-E959	—	—	—	—	—	6	8.1	6	8.3	—	—	
Homicide and Legal Intervention, E960-E978	—	—	—	—	—	72	97.7	70	97.1	2	126.6	
All Other Diseases, Residual	41	138.9	39	2	167.4	—	—	—	—	—	—	

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	MOBILE COUNTY				MONROE COUNTY							
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	3,758	9.8	2,499	9.7	1,259	9.9	245	9.9	151	10.0	94	9.8
Tuberculosis, All Forms, 010-018	5	1.3	1	0.4	4	3.2	—	—	—	—	—	—
Meningococcal Infection, 036	1	0.3	1	0.4	—	—	—	—	—	—	—	—
Septicemia, 038	48	12.5	27	10.4	21	16.6	11	44.5	7	46.2	4	41.9
Human Immunodeficiency Virus Infection, 042-044	54	14.0	13	5.0	41	32.4	2	8.1	—	—	2	20.9
Viral Hepatitis, 070	14	3.6	10	3.8	4	3.2	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	916	237.7	642	248.2	274	216.3	45	182.1	30	197.9	15	157.0
Lip, Oral Cavity and Pharynx, 140-149	10	2.6	6	2.3	4	3.2	—	—	—	—	—	—
Digestive Organs and Peritoneum, 150-159	208	54.0	137	53.0	71	56.1	13	52.6	11	72.5	2	20.9
Respiratory and Intra-thoracic Organs, 160-165	302	78.4	238	92.0	64	50.5	14	56.6	9	59.4	5	52.3
Breast, 174-175	80	20.8	52	20.1	28	22.1	3	12.1	2	13.2	1	10.5
Genitourinary Organs, 179-189	147	38.1	90	34.8	57	45.0	5	20.2	1	6.6	4	41.9
Leukemia, 204-208	24	6.2	14	5.4	10	7.9	1	4.0	1	6.6	—	—
All Other Sites, 166-173, 176-178, 190-203	145	37.6	105	40.6	40	31.6	9	36.4	6	39.6	3	31.4
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	9	2.3	5	1.9	4	3.2	1	4.0	—	—	1	10.5
Diabetes Mellitus, 250	99	25.7	58	22.4	41	32.4	6	24.3	3	19.8	3	31.4
Nutritional Deficiencies, 260-269	9	2.3	6	2.4	3	2.4	—	—	—	—	—	—
Anemias, 280-285	4	1.0	2	0.8	2	1.6	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	31	8.0	26	10.1	5	3.9	3	12.1	3	19.8	—	—
Major Cardiovascular Diseases, 390-448	1,456	377.8	966	373.4	490	386.9	86	347.9	51	336.4	35	366.3
Diseases of Heart, 390-398, 402, 404-429	1,082	280.8	742	286.8	340	268.4	64	258.9	40	263.8	24	251.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	6	1.6	4	1.5	2	1.6	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	55	14.3	27	10.4	28	22.1	1	4.0	26	171.5	10	104.7
Ischemic Heart Disease, 410-414	541	140.4	400	154.6	141	111.3	36	145.6	26	171.5	10	104.7
Other Diseases of Heart, 405, 415-429	480	124.6	311	120.2	169	133.4	27	109.2	14	92.3	13	136.1
Hypertension with or without Renal Disease, 401, 403	27	7.0	11	4.3	16	12.6	1	4.0	1	6.6	—	—
Cerebrovascular Disease, 430-438	251	65.1	156	60.3	95	75.0	17	68.8	9	59.4	8	83.7
Diseases of the Arteries, 440-448	96	24.9	57	22.0	39	30.8	4	16.2	1	6.6	3	31.4
Atherosclerosis, 440	57	14.8	29	11.2	28	22.1	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	39	10.1	28	10.8	11	8.7	4	16.2	1	6.6	3	31.4
Acute Bronchitis and Bronchiolitis, 466	2	0.5	1	0.4	1	0.8	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	89	23.1	60	23.2	29	22.9	11	44.5	9	59.4	2	20.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	131	34.0	115	44.5	16	12.6	13	52.6	9	59.4	4	41.9
Bronchitis, Emphysema and Asthma, 490-493	22	5.7	21	8.1	1	0.8	—	—	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	109	28.3	94	36.3	15	11.8	13	52.6	9	59.4	4	41.9
Ulcer of Stomach and Duodenum, 531-533	6	1.6	4	1.5	2	1.6	1	4.0	1	6.6	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	13	3.4	11	4.3	2	1.6	1	4.0	1	6.6	—	—
Chronic Liver Disease and Cirrhosis, 571	40	10.4	31	12.0	9	7.1	1	4.0	—	—	1	10.5
Cholelithiasis and Other Disorders of Gallbladder, 574-575	6	1.6	4	1.5	2	1.6	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	44	11.4	14	5.4	30	23.7	2	8.1	1	6.6	1	10.5
Infections of the Kidney, 590	3	0.8	1	0.4	2	1.6	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	28	7.3	18	7.0	10	7.9	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	31	8.0	12	4.6	19	15.0	—	—	—	—	—	—
Symptoms and Ill-Defined Conditions, 780-799	47	12.2	28	10.8	19	15.0	25	101.1	16	105.5	9	94.2
Accidents, E800-E949	181	47.0	135	52.2	46	36.3	14	56.6	5	33.0	9	94.2
Motor Vehicle Accidents, E810-E825	100	26.0	79	30.5	21	16.6	8	32.4	3	19.8	5	52.3
All Other Accidents, E800-E809, E826-E949	81	21.0	56	21.6	25	19.7	6	24.3	2	13.2	4	41.9
Suicide, E950-E959	37	9.6	21	8.1	6	4.7	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	85	22.1	21	8.1	64	50.5	4	16.2	1	6.6	3	31.4
All Other Diseases, Residual	369	95.8	256	99.0	113	89.2	19	76.9	14	92.3	5	52.3

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	MONTGOMERY COUNTY						MORGAN COUNTY					
	TOTAL			BLACK AND OTHER			TOTAL			BLACK AND OTHER		
	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER
TOTAL ALL CAUSES	2,084	9.7	1,240	10.3	854	8.8	926	8.7	823	8.8	103	8.5
Tuberculosis, All Forms, 010-018	4	1.8	—	—	4	4.1	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	24	11.1	11	9.2	13	13.4	1	0.9	8	8.5	1	8.2
Human Immunodeficiency Virus Infection, 042-044	33	15.2	5	4.2	28	28.9	5	4.7	3	3.2	2	16.5
Viral Hepatitis, 070	6	2.8	5	4.2	1	1.0	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	493	227.2	313	260.4	180	186.0	196	184.7	180	191.5	16	131.8
Lip, Oral Cavity and Pharynx, 140-149	14	6.5	8	6.7	6	6.2	2	1.9	1	1.1	1	8.2
Digestive Organs and Peritoneum, 150-159	104	47.9	62	51.6	42	43.4	39	36.7	34	36.2	5	41.2
Respiratory and Intrathoracic Organs, 160-165	153	70.5	105	87.4	48	49.6	51	48.0	48	51.1	3	24.7
Breast, 174-175	45	20.7	25	20.8	20	20.7	13	12.2	11	11.7	2	16.5
Genitourinary Organs, 179-189	86	39.6	49	40.8	37	38.2	33	31.1	32	34.0	1	8.2
Leukemia, 204-208	7	3.2	5	4.2	2	2.1	8	7.5	6	6.4	2	16.5
All Other Sites, 166-173, 176-178, 190-203	84	38.7	59	49.1	25	25.8	50	47.1	48	51.1	2	16.5
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	7	3.2	4	3.3	3	3.1	5	4.7	5	5.3	—	—
Diabetes Mellitus, 250	109	50.2	45	37.4	64	66.1	20	18.8	17	18.1	3	24.7
Nutritional Deficiencies, 260-269	5	2.3	3	2.5	2	2.1	—	—	—	—	—	—
Anemias, 280-285	6	2.8	3	2.5	3	3.1	3	2.8	2	2.1	1	8.2
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	28	12.9	16	13.3	12	12.4	6	5.7	6	6.4	—	—
Major Cardiovascular Diseases, 390-448	743	342.4	457	380.2	286	295.5	407	383.5	354	376.6	53	436.6
Diseases of Heart, 390-398, 402, 404-429	551	254.0	349	290.4	202	208.7	322	303.4	285	303.2	37	304.8
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	0.9	1	0.8	1	1.0	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	16	7.4	6	5.0	10	10.3	2	1.9	2	2.1	—	—
Ischemic Heart Disease, 410-414	383	176.5	244	203.0	139	143.6	131	123.4	122	129.8	9	74.1
Other Diseases of Heart, 405, 415-429	150	69.1	98	81.5	52	53.7	189	178.1	161	171.3	28	230.6
Hypertension with or without Renal Disease, 401, 403	10	4.6	6	5.0	4	4.1	4	3.8	2	2.1	2	16.5
Cerebrovascular Disease, 430-438	157	72.4	89	74.0	68	70.3	66	62.2	53	56.4	13	107.1
Diseases of the Arteries, 440-448	25	11.5	13	10.8	12	12.4	15	14.1	14	14.9	1	8.2
Atherosclerosis, 440	3	1.4	1	0.8	2	2.1	2	1.9	2	2.1	—	—
Other Diseases of the Arteries, 441-448	22	10.1	12	10.0	10	10.3	13	12.2	12	12.8	1	8.2
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	52	24.0	34	28.3	18	18.6	33	31.1	29	30.9	4	32.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	113	52.1	88	73.2	25	25.8	28	26.4	27	28.7	1	8.2
Bronchitis, Emphysema and Asthma, 490-493	10	4.6	7	5.8	3	3.1	11	10.4	11	11.7	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	103	47.5	81	67.4	22	22.7	17	16.0	16	17.0	1	8.2
Ulcer of Stomach and Duodenum, 531-533	7	3.2	5	4.2	2	2.1	2	1.9	2	2.1	—	—
Appendicitis, 540-543	1	0.5	1	0.8	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	8	3.7	4	3.3	4	4.1	1	0.9	1	1.1	—	—
Chronic Liver Disease and Cirrhosis, 571	26	12.0	12	10.0	14	14.5	7	6.6	7	7.4	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	0.9	2	1.7	—	—	1	0.9	1	1.1	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	36	16.6	16	13.3	20	20.7	15	14.1	13	13.8	2	16.5
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	0.5	—	—	—	—	1	0.9	1	1.1	—	—
Congenital Anomalies, 740-759	12	5.5	7	5.8	5	5.2	3	2.8	2	2.1	1	8.2
Certain Conditions Originating in the Perinatal Period, 760-779	26	12.0	1	0.8	25	25.8	8	7.5	5	5.3	3	24.7
Symptoms and Ill-Defined Conditions, 780-799	9	4.1	8	6.7	1	1.0	24	22.6	23	24.5	1	8.2
Accidents, E800-E949	95	43.8	60	49.9	35	36.2	48	45.2	45	47.9	3	24.7
Motor Vehicle Accidents, E810-E825	51	23.5	33	27.5	18	18.6	23	21.7	23	24.5	—	—
All Other Accidents, E800-E809, E826-E949	44	20.3	27	22.5	17	17.6	25	23.6	22	23.4	3	24.7
Suicide, E950-E959	20	9.2	17	14.1	3	3.1	23	21.7	22	23.4	1	8.2
Homicide and Legal Intervention, E960-E978	38	17.5	5	4.2	33	34.1	9	8.5	5	5.3	4	32.9
All Other Diseases, Residual	190	87.6	118	98.2	72	74.4	71	66.9	64	68.1	7	57.7

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH(CD CODE(S))	PERRY COUNTY			PICKENS COUNTY			BLACK AND OTHER					
	TOTAL		WHITE	TOTAL		WHITE	TOTAL		BLACK AND OTHER			
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE		
TOTAL ALL CAUSES	158	13.7	58	15.5	100	12.9	248	12.2	144	12.2	104	12.2
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	2	17.4	1	26.7	1	12.9	1	4.9	1	8.5	—	—
Human Immunodeficiency Virus Infection, 042-044	2	17.4	—	—	2	25.8	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	34	295.4	15	400.5	19	244.7	56	275.8	33	280.3	23	269.6
Lip, Oral Cavity and Pharynx, 140-149	6	52.1	4	106.8	2	25.8	10	49.2	7	59.5	3	35.2
Digestive Organs and Peritoneum, 150-159	10	86.9	4	106.8	6	77.3	13	64.0	8	67.9	5	58.6
Respiratory and Intra-thoracic Organs, 160-165	5	43.4	2	53.4	3	38.6	3	14.8	3	8.5	2	23.4
Breast, 174-175	5	43.4	1	26.7	4	51.5	6	29.5	4	34.0	2	23.4
Genitourinary Organs, 179-189	2	17.4	1	26.7	1	12.9	—	—	—	—	—	—
Leukemia, 204-208	6	52.1	3	80.1	3	38.6	24	118.2	13	110.4	11	128.9
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	17.4	2	53.4	—	—	2	9.8	1	8.5	1	11.7
Diabetes Mellitus, 250	4	34.7	—	—	4	51.5	3	14.8	—	—	3	35.2
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	2	9.8	1	8.5	1	11.7
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	1	8.7	—	—	1	12.9	1	4.9	1	8.5	—	—
Major Cardiovascular Diseases, 390-448	68	590.7	23	614.2	45	579.4	111	546.7	70	594.5	41	480.5
Diseases of Heart, 390-398, 402, 404-429	39	338.8	16	427.2	23	296.2	87	428.5	57	484.1	30	351.7
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	—	—	—	—	—	—	—	—	—	—	—	—
Ischemic Heart Disease, 410-414	21	182.4	11	283.7	10	128.8	16	78.8	9	76.4	7	82.1
Other Diseases of Heart, 405, 415-429	18	156.4	5	133.5	13	167.4	67	330.0	47	399.2	20	234.4
Hypertension with or without Renal Disease, 401, 403	—	—	—	—	—	—	1	4.9	1	8.5	—	—
Cerebrovascular Diseases, 430-438	24	208.5	5	133.5	19	244.7	18	88.6	10	84.9	8	93.8
Diseases of the Arteries, 440-448	5	43.4	2	53.4	3	38.6	5	24.6	2	17.0	3	35.2
Atherosclerosis, 440	3	26.1	1	26.7	2	25.8	2	9.8	2	8.5	1	11.7
Other Diseases of the Arteries, 441-448	2	17.4	1	26.7	1	12.9	3	14.8	1	8.5	2	23.4
Acute Bronchitis and Bronchiolitis, 466	4	34.7	2	53.4	2	25.8	7	34.5	5	42.5	2	23.4
Pneumonia and Influenza, 480-487	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis, Emphysema and Asthma, 490-493	—	—	—	—	—	—	—	—	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Liver Disease and Cirrhosis, 571	1	8.7	—	—	1	12.9	2	9.8	1	8.5	1	11.7
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	3	26.1	1	26.7	2	25.8	5	24.6	2	17.0	3	35.2
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	1	8.7	—	—	1	12.9	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	—	—	—	—	—	—	—	—	—	—	—	—
Symptoms and Ill-Defined Conditions, 780-799	10	86.9	4	106.8	6	77.3	3	14.8	4	34.0	3	35.2
Accidents, E800-E949	7	60.8	2	53.4	5	64.4	6	29.5	8	67.9	2	23.4
Motor Vehicle Accidents, E810-E825	5	43.4	1	26.7	4	51.5	11	54.2	5	42.5	6	70.3
All Other Accidents, E800-E809, E826-E949	2	17.4	1	26.7	1	12.9	5	24.6	3	25.5	2	23.4
Suicide, E950-E959	—	—	—	—	—	—	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	4	34.7	2	53.4	2	25.8	1	4.9	1	8.5	—	—
All Other Diseases, Residual	15	130.3	6	160.2	9	115.9	19	93.6	9	76.4	10	117.2

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	PIKE COUNTY						RANDOLPH COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	324	11.9	214	12.2	110	11.5	264	13.3	206	13.6	58	12.5
Tuberculosis, All Forms, 010-018	1	3.7	1	5.7	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	3	11.1	2	11.4	1	10.5	4	20.2	3	19.8	1	21.5
Septicemia, 038	3	11.1	1	5.7	2	20.9	3	15.2	2	13.2	1	21.5
Human Immunodeficiency Virus Infection, 042-044	1	3.7	1	5.7	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	70	258.2	48	273.6	22	229.9	55	278.0	43	284.1	12	258.0
Lip, Oral Cavity and Pharynx, 140-149	3	11.1	1	5.7	2	20.9	1	5.1	1	6.6	—	—
Digestive Organs and Peritoneum, 150-159	21	77.5	14	79.8	7	73.2	14	70.8	9	59.5	5	107.5
Respiratory and Intra-thoracic Organs, 160-165	20	73.8	15	85.5	5	52.3	13	65.7	11	72.7	2	43.0
Breast, 174-175	4	14.8	3	17.1	1	10.5	7	35.4	7	46.3	—	—
Genitourinary Organs, 179-189	11	40.6	7	39.9	4	41.8	7	35.4	5	33.0	2	43.0
Leukemia, 204-208	1	3.7	1	5.7	—	—	3	15.2	2	13.2	1	21.5
All Other Sites, 166-173, 176-178, 190-203	10	36.9	7	39.9	3	31.4	10	50.5	8	52.9	2	43.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	7.4	1	5.7	1	10.5	2	10.1	2	13.2	—	—
Diabetes Mellitus, 250	10	36.9	7	39.9	3	31.4	14	70.8	9	59.5	5	107.5
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	1	5.1	—	—	1	21.5
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	2	7.4	2	11.4	—	—	4	20.2	4	26.4	—	—
Major Cardiovascular Diseases, 390-448	136	501.6	87	495.9	49	512.1	109	550.9	90	594.6	19	408.4
Diseases of Heart, 390-398, 402, 404-429	118	435.2	75	427.5	43	449.4	79	399.3	63	416.3	16	343.9
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	—	—	—	—	—	—	—	—	—	—	—	—
Ischemic Heart Disease, 410-414	56	206.5	37	210.9	19	198.6	45	227.4	35	231.3	10	215
Other Diseases of Heart, 405, 415-429	62	228.7	38	216.6	24	250.8	31	156.7	26	171.8	5	107.5
Hypertension with or without Renal Disease, 401, 403	2	7.4	1	5.7	1	10.5	7	35.4	5	33.0	2	43.0
Cerebrovascular Disease, 430-438	12	44.3	8	45.6	4	41.8	18	91.0	18	118.9	—	—
Diseases of the Arteries, 440-448	4	14.8	3	17.1	1	10.5	5	25.3	4	26.4	1	21.5
Atherosclerosis, 440	1	3.7	—	—	—	—	1	5.1	—	—	—	—
Other Diseases of the Arteries, 441-448	3	11.1	3	17.1	—	—	4	20.2	4	26.4	—	—
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	9	33.2	7	39.9	2	20.9	7	35.4	4	26.4	3	64.5
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 480-496	17	62.7	13	74.1	4	41.8	11	55.6	9	59.5	2	43.0
Bronchitis, Emphysema and Asthma, 490-493	4	14.8	3	17.1	1	10.5	3	15.2	3	19.8	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	13	47.9	10	57.0	3	31.4	8	40.4	6	39.6	2	43.0
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	7.4	1	5.7	1	10.5	1	5.1	1	6.6	—	—
Chronic Liver Disease and Cirrhosis, 571	1	3.7	—	—	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	3.7	1	5.7	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	4	14.8	3	17.1	1	10.5	9	45.5	7	46.3	2	43.0
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	11.1	3	17.1	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-769	1	3.7	—	—	—	—	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	4	14.8	3	17.1	1	10.5	2	10.1	1	6.6	—	—
Symptoms and Ill-Defined Conditions, 780-799	24	88.5	17	96.9	7	73.2	18	91.0	12	79.3	6	129.0
Accidents, E800-E949	17	62.7	13	74.1	4	41.8	11	55.6	10	66.1	1	21.5
Motor Vehicle Accidents, E810-E825	7	25.8	4	22.8	3	31.4	7	35.4	2	13.2	5	107.5
All Other Accidents, E800-E809, E826-E949	6	18.4	5	28.5	1	10.5	3	15.2	2	13.2	1	21.5
Suicide, E950-E959	5	18.4	2	11.4	3	31.4	1	5.1	—	—	—	—
Homicide and Legal Intervention, E960-E978	19	70.1	9	51.3	10	104.5	18	91.0	14	92.5	4	86.0
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.

² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	RUSSELL COUNTY						ST. CLAIR COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	605	13.1	363	12.8	242	13.6	541	9.9	490	9.8	51	10.3
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—	2	3.6	—	—	—	—
Meningococcal Infection, 036	10	21.7	5	17.7	5	28.0	9	16.4	8	16.0	1	20.1
Septicemia, 038	5	10.8	3	10.6	2	11.2	3	3.6	1	2.0	1	20.1
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	3	5.5	3	6.0	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	136	294.6	90	317.9	46	257.6	128	233.1	113	226.3	15	301.8
Lip, Oral Cavity and Pharynx, 140-149	1	2.2	—	—	1	5.6	2	3.6	1	2.0	1	20.1
Digestive Organs and Peritoneum, 150-159	27	58.5	16	56.5	11	61.6	18	32.8	17	34.0	1	20.1
Respiratory and Intra-thoracic Organs, 160-165	56	121.3	37	130.7	19	106.4	52	94.7	46	92.1	6	120.7
Breast, 174-175	9	19.5	8	28.3	1	5.6	5	9.1	5	10.0	—	—
Genitourinary Organs, 179-189	18	39.0	10	35.3	8	44.8	23	41.9	20	40.0	3	60.4
Leukemia, 204-208	1	2.2	1	3.5	—	—	3	5.5	3	6.0	—	—
All Other Sites, 166-173, 176-178, 190-203	24	52.0	18	63.6	6	33.6	25	45.5	21	42.1	4	80.5
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	3	6.5	1	3.5	2	11.2	—	—	—	—	—	—
Diabetes Mellitus, 250	14	30.3	7	24.7	7	39.2	11	20.0	10	20.0	1	20.1
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	3	5.5	2	4.0	—	—
Anemias, 280-285	—	—	—	—	—	—	3	1.8	3	6.0	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease	5	10.8	4	14.1	1	5.6	3	5.5	3	6.0	—	—
Major Cardiovascular Diseases, 390-448	168	363.9	102	360.2	66	369.7	224	408.0	203	406.5	21	422.5
Diseases of Heart, 390-398, 402, 404-429	114	246.9	72	254.3	42	235.2	181	329.6	164	328.4	17	342.1
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	2.2	1	3.5	—	—	1	1.8	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	3	6.5	1	3.5	2	11.2	1	3.6	2	4.0	—	—
Ischemic Heart Disease, 410-414	78	168.9	55	194.3	23	128.8	105	191.2	95	192.2	9	181.1
Other Diseases of Heart, 405, 415-429	32	69.3	15	53.0	17	95.2	73	132.2	66	132.2	7	140.8
Hypertension with or without Renal Disease, 401, 403	1	2.2	—	—	1	5.6	2	3.6	1	2.0	—	—
Cerebrovascular Disease, 430-438	49	106.1	28	98.9	21	117.6	30	54.6	28	56.1	2	40.2
Diseases of the Arteries, 440-448	4	8.7	2	7.1	2	11.2	11	20.0	10	20.0	1	20.1
Atherosclerosis, 440	2	4.3	2	7.1	—	—	2	3.6	1	2.0	—	—
Other Diseases of the Arteries, 441-448	2	4.3	—	—	2	11.2	9	16.4	9	18.0	—	—
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	25	54.2	13	45.9	12	67.2	24	43.7	22	44.1	2	40.2
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	16	34.7	16	56.5	—	—	30	54.6	28	56.1	2	40.2
Bronchitis, Emphysema and Asthma, 490-493	2	4.3	2	7.1	—	—	11	20.0	10	20.0	1	20.1
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	14	30.3	14	49.4	1	5.6	19	34.6	18	36.0	1	20.1
Ulcer of Stomach and Duodenum, 531-533	2	4.3	1	3.5	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	5	10.8	3	10.6	2	11.2	2	3.6	2	4.0	—	—
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	4	7.3	4	8.0	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	12	26.0	8	28.3	4	22.4	10	18.2	9	18.0	1	20.1
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	2.2	—	—	—	—	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	7	15.2	1	3.5	6	33.6	3	5.5	3	6.0	—	—
Symptoms and Ill-Defined Conditions, 780-799	116	251.3	60	211.9	56	313.7	6	10.9	5	10.0	1	20.1
Accidents, E800-E949	28	60.6	16	56.5	12	67.2	24	43.7	24	48.1	—	—
Motor Vehicle Accidents, E810-E825	18	39.0	11	38.9	7	39.2	11	20.0	11	22.0	—	—
All Other Accidents, E800-E809, E826-E949	10	21.7	5	17.7	5	28.0	13	23.7	13	26.0	—	—
Suicide, E950-E959	3	6.5	3	10.6	—	—	9	16.4	9	18.0	—	—
Homicide and Legal Intervention, E960-E978	5	10.8	1	3.5	4	22.4	9	16.4	7	14.0	2	40.2
All Other Diseases, Residual	44	95.3	29	102.4	15	84.0	30	54.6	27	54.1	3	60.4

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	SHELBY COUNTY						SUMTER COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	698	5.8	625	5.6	73	7.7	166	10.6	49	11.2	117	10.4
Tuberculosis, All Forms, 010-018	1	0.8	1	0.9	—	—	—	—	—	—	—	—
Meningococcal Infection, 036	4	3.3	3	2.7	1	10.5	6	38.5	1	22.8	5	44.6
Septicemia, 038	2	1.7	1	0.9	1	10.5	3	19.2	—	—	3	26.8
Human Immunodeficiency Virus Infection, 042-044	1	0.8	1	0.9	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	138	114.3	131	117.8	7	73.6	37	237.3	10	228.5	27	240.8
Lip, Oral Cavity and Pharynx, 140-149	2	1.7	2	1.8	—	—	1	6.4	—	—	1	8.9
Digestive Organs and Peritoneum, 150-159	43	35.6	41	36.9	2	21.0	10	64.1	3	68.5	7	62.4
Respiratory and Intra-thoracic Organs, 160-165	30	24.9	29	26.1	1	10.5	8	51.3	3	68.5	5	44.6
Breast, 174-175	11	9.1	10	9.0	1	10.5	4	25.7	1	22.8	3	26.8
Genitourinary Organs, 179-189	20	16.5	18	16.2	2	21.0	6	38.5	1	22.8	5	44.6
Leukemia, 204-208	2	1.7	2	1.8	—	—	—	—	—	—	—	—
All Other Sites, 166-173, 176-178, 190-203	30	24.9	29	26.1	1	10.5	8	51.3	2	45.7	6	53.5
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	4	3.3	4	3.6	—	—	2	12.8	1	22.8	1	8.9
Diabetes Mellitus, 250	13	10.8	11	9.9	2	21.0	5	32.1	—	—	5	44.6
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	1	6.4	—	—	1	8.9
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	1	0.8	—	—	1	10.5	—	—	—	—	—	—
Alzheimer's Disease, 3310	5	4.1	5	4.5	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	222	184.0	204	183.5	18	189.2	56	359.2	20	456.9	36	321.1
Diseases of Heart, 390-398, 402, 404-429	174	144.2	160	143.9	14	147.2	41	263.0	16	365.5	25	223.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	3	2.5	3	2.7	—	—	2	12.8	1	22.8	2	17.8
Ischemic Heart Disease, 410-414	98	81.2	95	85.5	3	31.5	11	70.6	10	89.2	10	89.2
Other Diseases of Heart, 405, 415-429	73	60.5	62	55.8	11	115.6	28	179.6	15	342.7	13	115.9
Hypertension with or without Renal Disease, 401, 403	3	2.5	3	2.7	—	—	1	6.4	—	—	1	8.9
Cerebrovascular Disease, 430-438	40	33.1	37	33.3	3	31.5	14	89.8	4	91.4	10	89.2
Diseases of the Arteries, 440-448	5	4.1	4	3.6	1	10.5	—	—	—	—	—	—
Atherosclerosis, 440	2	1.7	2	1.8	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	3	2.5	2	1.8	1	10.5	—	—	—	—	—	—
Acute Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	20	16.6	17	15.3	3	31.5	5	32.1	1	22.8	4	35.7
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	39	32.3	39	35.1	—	—	6	38.5	2	45.7	4	35.7
Bronchitis, Emphysema and Asthma, 490-493	7	5.8	7	6.3	—	—	4	25.7	—	—	4	35.7
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	32	26.5	32	28.8	—	—	2	12.8	2	45.7	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	11	9.1	11	9.9	—	—	3	19.2	—	—	3	26.8
Chronic Liver Disease and Cirrhosis, 571	1	0.8	1	0.9	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	9	7.5	6	5.4	3	31.5	4	25.7	3	68.5	1	8.9
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	9	7.5	8	7.2	1	10.5	1	6.4	—	—	1	8.9
Congenital Anomalies, 740-759	7	5.8	3	2.7	4	42.0	1	6.4	—	—	1	8.9
Certain Conditions Originating in the Perinatal Period, 760-779	67	55.5	55	49.5	12	126.1	9	57.7	2	22.8	8	71.4
Symptoms and ill-Defined Conditions, 780-799	52	43.1	45	40.5	7	73.6	3	19.2	1	45.7	1	8.9
Accidents, E800-E949	29	24.0	26	23.4	3	31.5	2	12.8	1	22.8	1	8.9
Motor Vehicle Accidents, E810-E825	23	19.1	19	17.1	4	42.0	1	6.4	1	22.8	1	8.9
All Other Accidents, E800-E809, E826-E949	11	9.1	11	9.9	—	—	2	12.8	1	22.8	1	8.9
Suicide, E950-E959	6	5.0	2	1.8	4	42.0	3	19.2	1	22.8	2	17.8
Homicide and Legal Intervention, E960-E978	75	62.1	66	59.4	9	94.6	19	121.9	6	137.1	13	115.9
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	TALLADEGA COUNTY						TALLAPOOSA COUNTY					
	TOTAL		WHITE		BLACK AND OTHER		TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	861	11.6	640	12.6	221	9.5	465	11.9	368	12.8	97	9.4
Tuberculosis, All Forms, 010-018	1	1.4	1	2.0	—	—	1	2.6	1	3.5	—	—
Meningococcal Infection, 036	11	14.9	8	15.8	3	12.9	5	12.8	3	10.4	2	19.4
Septicemia, 038	9	12.2	5	8.8	4	17.2	—	—	—	—	—	—
Human Immunodeficiency Virus Infection, 042-044	2	2.7	2	3.9	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	199	268.9	143	281.7	56	241.0	78	199.2	63	218.6	15	145.2
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	3	4.1	3	5.9	—	—	1	2.6	1	3.5	1	9.7
Lip, Oral Cavity and Pharynx, 140-149	43	58.1	32	63.0	11	47.3	16	40.9	13	45.1	3	29.0
Digestive Organs and Peritoneum, 150-159	60	81.1	45	88.6	15	64.6	22	56.2	19	66.9	3	29.0
Respiratory and Intrathoracic Organs, 160-165	20	27.0	13	25.6	7	30.1	4	10.2	3	10.4	1	9.7
Breast, 174-175	22	29.7	15	29.5	7	30.1	8	20.4	8	27.8	—	—
Genitourinary Organs, 179-189	6	8.1	3	5.9	3	12.9	5	12.8	5	17.3	—	—
Leukemia, 204-208	45	60.8	32	63.0	13	55.9	22	56.2	15	52.0	7	67.8
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	34	45.9	22	43.3	12	51.6	1	2.6	1	3.5	2	19.4
Diabetes Mellitus, 250	—	—	—	—	—	—	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	3	4.1	2	3.9	1	4.3	1	2.6	1	3.5	—	—
Anemias, 280-285	1	1.4	1	2.0	—	—	—	—	—	—	—	—
Meningitis, 320-322	6	8.1	5	9.8	1	4.3	7	17.9	6	20.8	1	9.7
Alzheimer's Disease, 3310	371	501.3	289	569.3	82	352.9	170	434.2	134	464.9	36	348.4
Major Cardiovascular Diseases, 390-448	284	383.8	220	433.4	64	275.4	131	334.6	106	367.8	25	242.0
Diseases of Heart, 390-398, 402, 404-429	3	4.1	2	3.9	1	4.3	1	2.6	1	3.5	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	134	181.1	110	216.7	24	103.3	81	206.9	69	239.4	12	116.1
Hypertension with Heart and Renal Disease, 402, 404	147	198.6	108	212.7	39	167.8	49	125.1	36	124.9	13	125.8
Ischemic Heart Disease, 410-414	7	9.5	2	3.9	5	21.5	—	—	—	—	—	—
Other Diseases of Heart, 405, 415-429	70	94.6	58	114.3	12	51.6	33	84.3	23	79.8	10	96.8
Hypertension with or without Renal Disease, 401, 403	10	13.5	9	17.7	1	4.3	6	15.3	5	17.3	1	9.7
Cerebrovascular Disease, 430-438	1	1.4	—	—	1	4.3	3	7.7	3	10.4	—	—
Diseases of the Arteries, 440-448	9	12.2	9	17.7	—	—	3	7.7	2	6.9	1	9.7
Atherosclerosis, 440	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	34	45.9	26	51.2	8	34.4	15	38.3	13	45.1	2	19.4
Acute Bronchitis and Bronchiolitis, 466	31	41.9	26	51.2	5	21.5	32	81.7	30	104.1	2	19.4
Pneumonia and Influenza, 480-487	4	5.4	3	5.9	1	4.3	5	12.8	5	17.3	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	27	36.5	23	45.3	4	17.2	27	69.0	25	86.7	2	19.4
Bronchitis, Emphysema and Asthma, 490-493	2	2.7	2	3.9	—	—	—	—	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	6	8.1	5	9.8	1	4.3	3	7.7	3	10.4	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	7	9.5	6	11.8	1	4.3	6	15.3	5	17.3	1	9.7
Chronic Liver Disease and Cirrhosis, 571	1	1.4	1	2.0	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	17	23.0	9	17.7	8	34.4	5	12.8	4	13.9	1	9.7
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	1	1.4	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	10	13.5	6	11.8	4	17.2	4	10.2	2	6.9	2	19.4
Certain Conditions Originating in the Perinatal Period, 760-779	45	6.8	3	5.9	2	8.6	42	107.3	29	100.6	13	125.8
Symptoms and Ill-Defined Conditions, 780-799	45	60.8	34	67.0	11	47.3	31	79.2	24	83.3	7	67.8
Accidents, E800-E949	29	39.2	24	47.3	5	21.5	16	40.9	10	34.7	6	58.1
Motor Vehicle Accidents, E810-E825	16	21.6	10	19.7	6	25.8	15	38.3	14	48.6	1	9.7
All Other Accidents, E800-E809, E826-E949	7	9.5	5	9.8	2	8.6	11	28.1	10	34.7	1	9.7
Suicide, E950-E959	8	10.8	1	2.0	7	30.1	3	7.7	2	6.9	1	9.7
Homicide and Legal Intervention, E960-E978	50	67.6	38	74.9	12	51.6	29	74.1	18	62.5	11	106.5
All Other Diseases, Residual	—	—	—	—	—	—	—	—	—	—	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH(ICD CODE(S))	TUSCALOOSA COUNTY						WALKER COUNTY					
	TOTAL			BLACK AND OTHER			TOTAL			BLACK AND OTHER		
	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER
TOTAL ALL CAUSES	1,349	8.6	995	354	8.3	818	12.2	793	12.2	55	12.4	
Tuberculosis, All Forms, 010-018	4	2.5	2	2	4.7	1	1.5	1	1.6	—	—	
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	
Septicemia, 038	24	15.2	19	5	11.7	8	11.9	8	12.8	—	—	
Human Immunodeficiency Virus Infection, 042-044	7	4.4	1	6	14.0	3	4.5	3	4.8	—	—	
Viral Hepatitis, 070	3	1.9	2	1	2.3	2	3.0	2	3.2	—	—	
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	306	194.3	227	79	184.5	178	265.7	167	267.0	11	247.6	
Lip, Oral Cavity and Pharynx, 140-149	3	1.9	3	2	2.6	1	1.5	1	1.6	—	—	
Digestive Organs and Peritoneum, 150-159	68	43.2	46	22	51.4	34	50.8	33	52.8	1	22.5	
Respiratory and Intra-thoracic Organs, 160-185	101	64.1	78	23	53.7	56	83.6	52	83.1	4	90.0	
Breast, 174-175	26	16.5	17	9	21.0	13	19.4	12	19.2	1	22.5	
Genitourinary Organs, 179-189	43	27.3	33	10	23.4	27	40.3	26	41.6	1	22.5	
Leukemia, 204-208	7	4.4	6	1	2.3	8	11.9	8	12.8	—	—	
All Other Sites, 166-173, 176-178, 190-203	58	36.8	44	14	32.7	39	58.2	35	56.0	4	90.0	
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	1.3	2	—	—	1	1.5	1	1.6	—	—	
Diabetes Mellitus, 250	30	19.0	21	9	21.0	15	22.4	13	20.8	2	45.0	
Nutritional Deficiencies, 260-269	1	0.6	1	—	—	1	1.5	1	1.6	—	—	
Anemias, 280-285	—	—	—	—	—	3	4.5	3	4.8	—	—	
Meningitis, 320-322	—	—	—	—	—	1	1.5	1	1.6	—	—	
Alzheimer's Disease, 3310	18	11.4	16	2	4.7	17	10.4	17	11.2	—	—	
Major Cardiovascular Diseases, 390-448	544	345.4	398	146	340.9	312	465.8	294	470.1	18	405.2	
Diseases of Heart, 390-398, 402, 404-429	410	260.3	297	113	263.9	261	389.6	247	394.9	14	315.2	
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	45	28.6	8	37	86.4	4	6.0	4	6.4	—	—	
Hypertension with Heart and Renal Disease, 402, 404	183	116.2	154	29	67.7	155	231.4	146	233.4	9	202.6	
Ischemic Heart Disease, 410-414	182	115.6	135	47	109.8	100	149.3	95	151.9	5	112.6	
Other Diseases of Heart, 405, 415-429	8	5.1	5	3	7.0	1	1.5	1	1.6	—	—	
Hypertension with or without Renal Disease, 401, 403	101	64.1	75	26	60.7	39	58.2	35	56.0	4	90.0	
Cerebrovascular Disease, 430-438	25	15.9	21	4	9.3	11	16.4	11	17.6	—	—	
Diseases of the Arteries, 440-448	10	6.3	9	1	2.3	1	1.5	1	1.6	—	—	
Atherosclerosis, 440	15	9.5	12	3	7.0	10	14.9	10	16.0	—	—	
Other Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	
Acute Bronchitis and Bronchiolitis, 466	46	29.2	37	9	21.0	38	56.7	36	57.6	2	45.0	
Pneumonia and Influenza, 480-487	61	38.7	48	13	30.4	35	52.2	34	54.4	1	22.5	
Chronic Obstructive Pulmonary Disease, and Allied Conditions, 490-496	15	9.5	11	4	9.3	6	9.0	6	9.6	—	—	
Bronchitis, Emphysema and Asthma, 490-496	46	29.2	37	9	21.0	29	43.3	28	44.8	1	22.5	
Other Chronic Obstructive Pulmonary Disease and Allied Conditions, 494-496	2	1.3	2	—	—	—	—	—	—	—	—	
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	
Hernia of Abdominal Cavity and Intestinal Obstruction Without mention of Hernia, 550-553, 560	3	5.7	7	2	4.7	2	3.0	1	1.6	1	22.5	
Chronic Liver Disease and Cirrhosis, 571	10	6.3	8	2	4.7	10	14.9	10	16.0	—	—	
Cholelithiasis and Other Disorders of Gallbladder, 574-575	19	12.1	1	18	25.7	1	1.5	8	12.8	2	45.0	
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	0.6	1	—	—	2	3.0	2	3.2	—	—	
Infections of the Kidney, 590	—	—	—	—	—	—	—	—	—	—	—	
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	6	3.8	5	1	2.3	5	7.5	4	6.4	1	22.5	
Congenital Anomalies, 740-759	16	10.2	9	7	16.0	6	9.0	5	8.0	1	22.5	
Certain Conditions Originating in the Perinatal Period, 760-779	26	16.5	18	8	18.7	4	61.2	36	57.6	5	112.6	
Symptoms and Ill-Defined Conditions, 780-799	62	39.4	45	17	39.7	59	86.1	63	84.7	6	135.1	
Accidents, E800-E949	31	19.7	25	6	14.0	39	58.2	35	56.0	4	90.0	
Motor Vehicle Accidents, E810-E825	31	19.7	20	11	25.7	20	29.9	18	29.8	2	45.0	
All Other Accidents, E800-E809, E826-E949	13	8.3	13	11	11.3	13	19.4	12	19.2	1	22.5	
Suicide, E950-E959	11	7.0	4	7	16.3	3	4.5	2	3.2	1	22.5	
Homicide and Legal Intervention, E960-E978	—	—	—	—	—	—	—	—	—	—	—	
All Other Diseases, Residual	126	80.0	100	26	60.7	61	91.1	59	94.3	2	45.0	

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49 — continued
 SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
 ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	WASHINGTON COUNTY						WILCOX COUNTY					
	TOTAL			BLACK AND OTHER			TOTAL			BLACK AND OTHER		
	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER	NUMBER	RATE	WHITE	NUMBER	RATE	BLACK AND OTHER
TOTAL ALL CAUSES	192	11.5	139	12.8	53	9.1	197	13.0	53	13.4	114	12.9
Tuberculosis, All Forms, 010-018	1	6.0	—	—	1	17.1	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—	—	—	—	—	—	—
Septicemia, 038	1	6.0	—	—	1	17.1	3	23.4	1	25.2	2	22.6
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	42	251.8	30	277.1	12	205.1	33	257.7	12	303.0	21	237.4
Lip, Oral Cavity and Pharynx, 140-149	7	42.0	5	46.2	2	34.2	9	70.3	2	50.5	7	79.1
Digestive Organs and Peritoneum, 150-159	14	83.9	10	92.4	4	68.4	10	78.1	4	101.0	6	67.8
Respiratory and Intra-thoracic Organs, 160-165	4	24.0	3	27.7	1	17.1	5	39.0	1	25.2	4	45.2
Breast, 174-175	9	54.0	6	55.4	3	51.3	5	39.0	2	50.5	3	33.9
Genitourinary Organs, 179-189	—	—	—	—	—	—	—	—	—	—	—	—
Leukemia, 204-208	8	48.0	6	55.4	2	34.2	4	31.2	3	75.7	1	11.3
All Other Sites, 166-173, 176-178, 190-203	—	—	—	—	—	—	—	—	—	—	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	8	48.0	5	46.2	3	51.3	5	39.0	1	25.2	4	45.2
Diabetes Mellitus, 250	—	—	—	—	—	—	—	—	—	—	—	—
Nutritional Deficiencies, 260-269	—	—	—	—	—	—	—	—	—	—	—	—
Anemias, 280-285	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis, 320-322	—	—	—	—	—	—	—	—	—	—	—	—
Alzheimer's Disease, 3310	—	—	—	—	—	—	—	—	—	—	—	—
Major Cardiovascular Diseases, 390-448	86	515.6	67	618.8	19	324.7	75	585.7	26	656.4	49	554.0
Diseases of Heart, 390-398, 402, 404-429	76	455.7	59	544.9	17	290.5	60	468.6	20	504.9	40	452.3
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	6.0	1	9.2	—	—	—	—	—	—	—	—
Hypertension with Heart and Renal Disease, 402, 404	5	30.0	5	46.2	—	—	2	15.6	1	25.2	1	11.3
Ischemic Heart Disease, 410-414	40	249.4	27	249.4	13	222.2	20	156.2	8	202.0	12	135.7
Other Diseases of Heart, 405, 415-429	30	179.9	26	240.1	4	68.4	38	296.8	11	277.7	27	305.3
Hypertension with or without Renal Disease, 401, 403	5	30.0	3	27.7	2	34.2	12	93.7	5	126.2	7	79.1
Cerebrovascular Diseases, 430-438	5	30.0	5	46.2	—	—	2	15.6	1	25.2	1	11.3
Diseases of the Arteries, 440-448	1	6.0	1	9.2	—	—	—	—	—	—	—	—
Atherosclerosis, 440	4	24.0	4	36.9	—	—	2	15.6	1	25.2	1	11.3
Acute Diseases of the Arteries, 441-448	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Bronchitis and Bronchiolitis, 466	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia and Influenza, 480-487	5	30.0	4	36.9	1	17.1	5	39.0	1	25.2	4	45.2
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	18.0	2	18.5	1	17.1	4	31.2	3	75.7	1	11.3
Bronchitis, Emphysema and Asthma, 490-493	2	12.0	2	18.5	—	—	3	23.4	2	50.5	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis, 540-543	—	—	—	—	—	—	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	12.0	2	18.5	—	—	1	7.8	1	25.2	—	—
Chronic Liver Disease and Cirrhosis, 571	—	—	—	—	—	—	—	—	—	—	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	3	18.0	1	9.2	2	34.2	3	23.4	—	—	3	33.9
Infections of the Kidney, 590	1	6.0	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Anomalies, 740-759	—	—	—	—	—	—	—	—	—	—	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	1	6.0	—	—	1	17.1	1	7.8	—	—	1	11.3
Symptoms and Ill-Defined Conditions, 780-799	3	18.0	2	18.5	1	17.1	3	23.4	1	25.2	2	22.6
Accidents, E800-E949	13	77.9	7	64.6	6	102.5	6	46.9	3	75.7	6	67.8
Motor Vehicle Accidents, E810-E825	8	48.0	5	46.2	3	51.3	5	39.0	1	25.2	4	45.2
All Other Accidents, E800-E809, E826-E949	5	30.0	2	18.5	3	51.3	5	39.0	2	50.5	3	33.9
Suicide, E950-E959	3	18.0	2	18.5	1	17.1	—	—	—	—	—	—
Homicide and Legal Intervention, E960-E978	3	18.0	1	9.2	2	34.2	6	46.9	1	25.2	5	56.5
All Other Diseases, Residual	15	89.9	13	120.1	2	34.2	8	62.5	1	25.2	7	79.1

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.
² The population for which these rates apply is under 1,000 which may decrease rate stability.

TABLE 49—continued
SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
ALABAMA, 1996

CAUSE OF DEATH/ICD CODE(S)	WINSTON COUNTY					
	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	231	10.5	230	10.5	1	6.9 ²
Tuberculosis, All Forms, 010-018	—	—	—	—	—	—
Meningococcal Infection, 036	—	—	—	—	—	—
Septicemia, 038	3	13.6	3	13.7	—	—
Human Immunodeficiency Virus Infection, 042-044	—	—	—	—	—	—
Viral Hepatitis, 070	—	—	—	—	—	—
Syphilis, 090-097	—	—	—	—	—	—
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	40	181.3	39	177.9	1	689.7 ²
Lip, Oral Cavity and Pharynx, 140-149	7	31.7	7	31.9	—	—
Digestive Organs and Peritoneum, 150-159	17	77.1	16	73.0	1	689.7 ²
Respiratory and Intra-thoracic Organs, 160-165	1	4.5	1	4.5	—	—
Breast, 174-175	3	13.6	3	13.7	—	—
Genitourinary Organs, 179-189	1	4.5	1	4.6	—	—
Leukemia, 204-208	11	49.9	11	50.2	—	—
All Other Sites, 166-173, 176-178, 190-203	1	4.5	1	4.6	—	—
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	7	31.7	7	31.9	—	—
Diabetes Mellitus, 250	1	—	—	—	—	—
Nutritional Deficiencies, 260-269	1	4.5	1	4.6	—	—
Anemias, 280-285	1	4.5	1	4.6	—	—
Meningitis, 320-322	1	4.5	1	4.6	—	—
Alzheimer's Disease, 3310	95	430.6	95	433.4	—	—
Major Cardiovascular Diseases, 390-448	80	362.6	80	365.0	—	—
Diseases of Heart, 390-398, 402, 404-429	4	18.1	4	18.2	—	—
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	45	204.0	45	205.3	—	—
Hypertension with Heart and Renal Disease, 402, 404	31	140.5	31	141.4	—	—
Ischemic Heart Disease, 410-414	2	9.1	2	9.1	—	—
Other Diseases of Heart, 405, 415-429	11	49.9	11	50.2	—	—
Hypertension with or without Renal Disease, 401, 403	2	9.1	2	9.1	—	—
Cerebrovascular Disease, 430-438	1	4.5	1	4.6	—	—
Diseases of the Arteries, 440-448	1	4.5	1	4.6	—	—
Atherosclerosis, 440	—	—	—	—	—	—
Other Diseases of the Arteries, 441-448	4	18.1	4	18.2	—	—
Acute Bronchitis and Bronchiolitis, 466	18	81.6	18	82.1	—	—
Pneumonia and Influenza, 480-487	5	22.7	5	22.8	—	—
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	13	58.9	13	59.3	—	—
Bronchitis, Emphysema and Asthma, 490-493	—	—	—	—	—	—
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	—	—	—	—	—	—
Ulcer of Stomach and Duodenum, 531-533	1	4.5	1	4.6	—	—
Appendicitis, 540-543	—	—	—	—	—	—
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	4.5	1	4.6	—	—
Chronic Liver Disease and Cirrhosis, 571	7	31.7	7	31.9	—	—
Cholelithiasis and Other Disorders of Gallbladder, 574-575	—	—	—	—	—	—
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	—	—	—	—	—	—
Infections of the Kidney, 590	—	—	—	—	—	—
Hyperplasia of Prostate, 600	—	—	—	—	—	—
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	4.5	1	4.6	—	—
Congenital Anomalies, 740-759	2	9.1	2	9.1	—	—
Certain Conditions Originating in the Perinatal Period, 760-779	21	95.2	21	95.8	—	—
Symptoms and Ill-Defined Conditions, 780-799	10	45.3	10	45.6	—	—
Accidents, E800-E949	11	49.9	11	50.2	—	—
Motor Vehicle Accidents, E810-E825	1	4.5	1	4.6	—	—
All Other Accidents, E800-E809, E826-E949	1	4.5	1	4.6	—	—
Suicide, E950-E959	1	4.5	1	4.6	—	—
Homicide and Legal Intervention, E960-E978	1	4.5	1	4.6	—	—
All Other Diseases, Residual	26	117.8	26	118.6	—	—

¹ Total Death Rate is per 1,000 population. Cause-Specific Death Rates are per 100,000 population. See formulas in Appendix B. Caution should be exercised in using rates derived from small numbers.

² The population for which these rates apply is under 1,000 which may decrease rate stability.



APPENDIX A

DENOMINATOR POPULATION

The estimated populations used in this volume were produced using data from Population Projections for Alabama counties published by the Alabama State Data Center, Center for Business and Economic Research, University of Alabama. They were derived by using the cohort-survival method.

**ESTIMATED POPULATION BY COUNTY AND RACE
ALABAMA, 1996**

COUNTY/AREA	TOTAL	WHITE	BLACK AND OTHER
STATE	4,127,562	3,036,938	1,090,624
Autauga	35,516	28,666	6,850
Baldwin	110,093	96,006	14,087
Barbour	25,652	14,230	11,422
Bibb	17,109	13,653	3,456
Blount	40,860	40,149	711
Bullock	11,143	2,760	8,383
Butler	21,635	12,700	8,935
Calhoun	114,814	91,379	23,435
Chambers	35,744	22,710	13,034
Cherokee	19,884	18,597	1,287
Chilton	33,641	29,794	3,847
Choctaw	15,561	8,600	6,961
Clarke	27,082	15,425	11,657
Clay	13,002	10,851	2,151
Cleburne	12,820	12,207	613
Coffee	41,297	33,430	7,867
Colbert	50,018	41,437	8,581
Conecuh	13,270	7,456	5,814
Coosa	10,917	7,105	3,812
Covington	36,071	31,183	4,888
Crenshaw	13,324	9,833	3,491
Cullman	70,814	69,943	871
Dale	50,148	39,657	10,491
Dallas	45,034	17,993	27,041
DeKalb	55,418	53,506	1,912
Elmore	52,417	40,630	11,787
Escambia	33,980	23,423	10,557
Etowah	97,477	82,655	14,822
Fayette	17,488	15,321	2,167
Franklin	27,441	26,072	1,369
Geneva	23,260	20,362	2,898
Greene	9,749	1,774	7,975
Hale	15,392	6,439	8,953
Henry	15,433	10,185	5,248
Houston	85,145	63,859	21,286
Jackson	45,978	42,464	3,514
Jefferson	639,616	401,727	237,889
Lamar	15,254	13,373	1,881
Lauderdale	78,693	70,628	8,065
Lawrence	32,671	24,544	8,127
Lee	92,165	68,441	23,724
Limestone	58,707	51,269	7,438
Lowndes	12,375	3,138	9,237
Macon	23,764	3,192	20,572
Madison	265,904	204,319	61,585
Marengo	22,113	11,114	10,999
Marion	29,519	28,324	1,195
Marshall	73,670	72,090	1,580
Mobile	385,350	258,695	126,655
Monroe	24,717	15,162	9,555
Montgomery	216,969	120,194	96,775
Morgan	106,141	94,001	12,140
Perry	11,511	3,745	7,766
Pickens	20,305	11,774	8,531
Pike	27,113	17,545	9,568
Randolph	19,787	15,135	4,652
Russell	46,168	28,314	17,854
St. Clair	54,908	49,938	4,970
Shelby	120,683	111,170	9,513
Sumter	15,589	4,377	11,212
Talladega	74,001	50,765	23,236
Tallapoosa	39,154	28,822	10,332
Tuscaloosa	157,504	114,681	42,823
Walker	66,987	62,545	4,442
Washington	16,679	10,828	5,851
Wilcox	12,805	3,961	8,844
Winston	22,063	21,918	145

NOTE: The midyear population estimates were prepared by the Center for Business and Economic Research, University of Alabama. They were derived using the cohort-survival method.

**ESTIMATED POPULATION
BY RACE, SEX AND AGE GROUP
ALABAMA, 1996**

AGE GROUP	TOTAL POPULATION (ESTIMATED)	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	4,127,562	3,036,938	1,477,261	1,559,677	1,090,624	500,534	590,090
0-4	306,248	197,723	101,877	95,846	108,525	54,877	53,648
5-9	288,873	194,687	100,524	94,163	94,186	47,657	46,529
10-14	293,214	195,019	100,748	94,271	98,195	49,649	48,546
15-19	299,262	196,607	100,806	95,801	102,655	51,220	51,435
20-24	308,389	212,313	107,789	104,524	96,076	45,746	50,330
25-29	278,598	208,534	104,943	103,591	70,064	30,564	39,500
30-34	298,104	224,108	112,845	111,263	73,996	32,712	41,284
35-39	321,609	238,088	118,864	119,224	83,521	36,492	47,029
40-44	305,177	226,059	112,516	113,543	79,118	35,057	44,061
45-49	280,119	217,263	107,704	109,559	62,856	28,482	34,374
50-54	226,636	182,232	89,320	92,912	44,404	19,882	24,522
55-59	191,502	155,000	74,381	80,619	36,502	15,584	20,918
60-64	173,475	140,964	66,469	74,495	32,511	13,408	19,103
65-69	166,474	134,686	61,065	73,621	31,788	12,391	19,397
70-74	146,641	118,698	50,492	68,206	27,943	10,699	17,244
75-79	107,519	87,253	33,928	53,325	20,266	7,309	12,957
80-84	75,507	60,367	20,317	40,050	15,140	5,073	10,067
85 +	60,215	47,337	12,673	34,664	12,878	3,732	9,146

NOTE: The midyear population estimates were prepared by the Center for Business and Economic Research, University of Alabama. They were derived using the cohort-survival method.

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APPENDIX B

**TECHNICAL NOTES
MORTALITY FORMULAS
TIPS ON USING VITAL EVENTS DATA
CONTRIBUTING SOURCES
ALABAMA CERTIFICATE OF DEATH
PUBLICATIONS AVAILABLE FROM THE CENTER FOR
HEALTH STATISTICS**

TECHNICAL NOTES

COMPLETENESS OF DATA

The registration of deaths is thought to be nearly 100 percent complete since a certificate is completed before the final disposition of the remains in most instances. However, it is recognized that infant deaths may be under registered, particularly where death occurs away from a hospital within the first few days of life.

In some cases of homicide or accidental deaths in which the body is not discovered for a considerable period of time after the death has occurred, the date of death is estimated. If this estimated date of death is for a prior year to the year in which the body is discovered, the certificate is added to the end of that year's records even though the file for that year may have already been closed out. The information from these certificates is not included in tabulations. Other death certificates are simply filed too late to be included in the final tabulations. Whatever the case may be, the number of delayed certificates is too small to be of significant statistical value.

QUALITY OF DATA

Every precaution is taken to minimize errors in the raw data during its preparation and receipt. Death Certificates filed with the Center for Health Statistics are visually checked for completeness and returned if found to be incomplete or improperly completed.

Prior to coding, each document is edited for consistency and completeness. Selected data items are verified before computer entry. Following computer entry, data items are subjected to numerous validity and consistency edits.

CAUSE OF DEATH

All causes of death are coded in accordance with the *International Classification of Diseases, Ninth Revision, (ICD)*. The ninth revision was

first used for cause of death classification on January 1, 1979.

The cause of death coded for tabulating death data is the "underlying cause" as determined from information provided on the death certificates by the attending physician, coroner, or medical examiner. The "underlying cause" is defined as that cause deemed responsible for the sequence of morbid events leading directly to death.

Specific causes of death which are considered in developing the leading causes of death for decedents aged one year and greater are those listed in the "List of 72 Selected Causes" maintained by the National Center for Health Statistics (NCHS) and published in various mortality publications produced by that agency. It should be noted that Alzheimer's Disease was first included in this ranking starting with 1994 data.

The specific causes which are considered in developing leading causes of death for infants are those listed in the "List of 61 Selected Causes of Infant Death" maintained by NCHS.

CLASSIFICATION OF DATA BY PLACE

Vital events may be classified by "place of occurrence" or by "place of residence." Data classified by "place of occurrence" are statistically counted according to the geographic location where the event occurred regardless of residence.

Data classified according to "place of residence" are statistically counted according to the usual residence of the decedent, without regard to the geographic location where the decedent died or was killed. Thus, if an Alabama resident has a fatal automobile accident in another state, the event is counted as a "resident death" in Alabama, but an "occurrence death" in the state where the event occurred.

While it is recognized that occurrence data have administrative value, especially for planning hospital and clinic facilities, resident statistics are more useful tools in determining health indexes for planning and evaluation purposes. Therefore, data presented in this report are by place of residence except where otherwise noted.

RACE

Race classifications as reported on certificates of death are generally coded using nine racial categories. However, for tabulation purposes, two categories are utilized. White includes Mexican, Puerto Rican, Cajun, Creole, and other Caucasian. The "black and other" racial group includes Black, American Indian, Chinese, Japanese, Hawaiian, Filipino, other Asian or Pacific Islander, or mixtures of white and other races.

According to the 1990 Census of Population for Alabama, the "black and other" racial group as presented in this publication can be assumed to consist of 95.9 percent Black, 1.5 percent American Indian, 0.4 percent Asian Indian, 0.3 percent Korean, 0.4 percent Chinese, 0.2 percent Japanese, 0.2 percent Vietnamese, 0.2 percent Filipino, and 0.9 percent all other non-white races.

HANDLING OF UNKNOWNNS

Items which are reported as "unknown" or for which no response was provided are not statistically distributed into the frequency distribution. Rather, these items are shown as "not stated" in the tables and graphs throughout this publication.

The only exceptions to this rule are for race and sex. Race cannot be determined in very few instances. However, when this does occur the race is considered "white" for reporting purposes. If sex cannot be determined, the sex is considered male if the day of birth is odd and female if the day of birth is even.

STATISTICAL RATE LIMITATIONS

All statistics are subject to chance variation. Such random variation in a large universe of data has little effect on the quality or usefulness of the data. However, random variation occurring when the number of events is limited or when the population base on which the rate is predicated is small may produce rates which are correct but of limited value for application purposes.

In this report rates are given even when there were few occurrences of a particular vital event. Warnings are issued in table footnotes when the rates may be unstable.

A second limitation involves rates calculated using small population bases. In this report such rates are published, but population base

limitations are noted in the table footnotes.

Rates which are subject to these limitations are accurate, but would not be stable for use in certain statistical procedures, especially time analysis.

DEFINITIONS

AUTOPSY — The postmortem examination of a body, usually by a doctor of forensic science, to determine the underlying cause of death.

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. Deaths, by cause, are classified according to the *International Classification of Diseases, Ninth Revision*, following instructions established by the National Center for Health Statistics.

CRUDE DEATH RATE—The number of deaths per a specified number of population (i.e., per 1,000 or 100,000). Crude rates are not adjusted for differences in demographic distributions among populations.

DEATH —Death is generally defined as no spontaneous respiratory or cardiac function and no expectation of recovery of these functions. For definitions of death determination under other than general circumstances, the Code of Alabama should be consulted.

ESTIMATED POPULATION — Estimated population as of April 1 of the year for which the estimate is made.

INFANT DEATH — Death of a liveborn infant under one year of age.

KESSNER INDEX — An index that measures the quantitative adequacy of prenatal care. This index takes three factors into account simultaneously: 1) the time of the first prenatal visit, 2) the number of prenatal visits, and 3) gestational age at the time of birth. The index is based upon the recommendations of the American College of Obstetricians and Gynecologists and the World Health Organization and is consistent with the 1978 American Public Health Association's standards for the initiation and frequency of prenatal visits. The index classifies a woman's prenatal care as adequate, intermediate, inadequate, or unknown. Criteria for this classification are found on page 98.

LESS THAN ADEQUATE PRENATAL CARE — The sum of the inadequate and intermediate prenatal care categories of the Kessner Index.

MATERNAL DEATH — A death due to complications of pregnancy, labor, delivery or puerperium (ICD codes 630-676).

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

OCCURRENCE DATA — Data compiled as to the geographical place the event occurred without regard to residence.

PERINATAL DEATH — Death of a fetus of 28 or more weeks gestation or death of a liveborn

infant under seven days of life. It should be noted that there are several definitions for perinatal death. Caution should be exercised to assure that the same definition is being used in analysis.

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

RESIDENT DATA — Data compiled as to the usual place of residence without regard to the geographical place where the event occurred.

**CRITERIA FOR CLASSIFICATION OF ADEQUACY
OF PRENATAL CARE ACCORDING TO THE KESSNER INDEX**

INDEX	TRIMESTER OF FIRST PRENATAL VISIT		GESTATION IN WEEKS		PRENATAL VISITS
	ADEQUATE	FIRST	AND	13 OR LESS	AND
	(1-3) MONTHS		14-17		2 OR MORE
			18-21		3 OR MORE
			22-25		4 OR MORE
			26-29		5 OR MORE
			30-31		6 OR MORE
			32-33		7 OR MORE
			34-35		8 OR MORE
			36 OR MORE		9 OR MORE
INADEQUATE	THIRD	OR	14-21	AND	0 OR NOT STATED
	(7-9 MONTHS)		22-29		1 OR LESS OR NOT STATED
	OR		30-31		2 OR LESS OR NOT STATED
	NO PRENATAL		32-33		3 OR LESS OR NOT STATED
	CARE		34 OR MORE		4 OR LESS OR NOT STATED
INTERMEDIATE	All other combinations with known gestational age (i.e., month and year of last menstrual period) and known month care began				
UNKNOWN	One or more of the following is unknown: month prenatal care began, month of last menstrual period, year of last menstrual period.				

MORTALITY FORMULAS

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

$$\begin{aligned} \text{AGE-ADJUSTED DEATH RATE} = & \left(\frac{\text{Decedents Under 1 Year of Age}}{\text{Ala. Midyear Population Under 1 Year of Age}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Under 1 Year of Age}} \right) + \\ & \left(\frac{\text{Decedents Aged 1-4}}{\text{Ala. Midyear Population Aged 1-4}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 1-4}} \right) + \\ & \left(\frac{\text{Decedents Aged 5-14}}{\text{Ala. Midyear Population Aged 5-14}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 5-14}} \right) + \\ & \left(\frac{\text{Decedents Aged 15-24}}{\text{Ala. Midyear Population Aged 15-24}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 15-24}} \right) + \\ & \left(\frac{\text{Decedents Aged 25-34}}{\text{Ala. Midyear Population Aged 25-34}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 25-34}} \right) + \\ & \left(\frac{\text{Decedents Aged 35-44}}{\text{Ala. Midyear Population Aged 35-44}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 35-44}} \right) + \\ & \left(\frac{\text{Decedents Aged 45-54}}{\text{Ala. Midyear Population Aged 45-54}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 45-54}} \right) + \\ & \left(\frac{\text{Decedents Aged 55-64}}{\text{Ala. Midyear Population Aged 55-64}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 55-64}} \right) + \\ & \left(\frac{\text{Decedents Aged 65-74}}{\text{Ala. Midyear Population Aged 65-74}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 65-74}} \right) + \\ & \left(\frac{\text{Decedents Aged 75-84}}{\text{Ala. Midyear Population Aged 75-84}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 75-84}} \right) + \\ & \left(\frac{\text{Decedents Aged 85 or More}}{\text{Ala. Midyear Population Aged 85 or More}} \times \frac{1940 \text{ U.S. Standard Million Pop.}}{\text{Aged 85 or More}} \right) \\ & \frac{\hspace{10em}}{1940 \text{ Total U.S. Standard Million Population}} \times 1,000 \end{aligned}$$

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

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

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

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

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

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

$$\text{CAUSE-SPECIFIC NEONATAL MORTALITY RATE} = \frac{\text{Number of Deaths Under 28 Days of Age for Specific Cause}}{\text{Number of Live Births}} \times 100,000$$

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

$$\text{CAUSE-SPECIFIC POSTNEONATAL MORTALITY RATE} = \frac{\text{Number of Deaths 28 or More Days, But Less Than 1 Year of Age for Specific Cause}}{\text{Number of Live Births}} \times 100,000$$

$$\text{PERINATAL MORTALITY RATE} = \frac{\text{Number of Fetal Deaths 28 or More Weeks in Gestation Plus Infant Deaths Under 7 Days of Age}}{\text{Number of Live Births Plus Number of Fetal Deaths 28 or More Weeks in Gestation}} \times 1,000$$

(The definition of perinatal mortality varies from state to state. Caution should be exercised in comparing this rate between states.)

$$\text{MATERNAL MORTALITY RATE} = \frac{\text{Number of Deaths Due to "Complications of Pregnancy, Childbirth or the Puerperium" (ICDA 630-676)}}{\text{Number of Live Births}} \times 10,000$$

TIPS ON USING VITAL EVENTS DATA

This publication presents a recording of the most requested statistics relating to vital events and is a source of information which can be used in further analysis. While many users of vital statistics have a good working knowledge of this subject, others may not fully understand this application and the data limitations. This section discusses special concerns when working with vital statistics.

INFORMATION IS AVAILABLE BY RESIDENCE OR OCCURRENCE

Information on vital events can be produced by the place where the event occurred or by the residence of individuals involved in these events. Most studies require information by residence. All vital events data contained in this publication are by residence except for Table 24 on accidental deaths by type and age group which is for deaths occurring in Alabama.

Caution should be exercised in determining whether to use data by residence or occurrence because rather large differences can result.

USING TOTALS OR RATES/RATIOS

Vital events can be reported as totals, rates or ratios. Totals will suffice when the user needs to know how many times a certain event occurred and no relationship or comparison is to be made with other areas or different time periods.

When different areas or time periods are being studied it may be best to use rates or ratios. Populations vary between areas or over time in the same area. It may be that variations in the occurrence of vital events could result from changes in the population and do not indicate a new trend in vital statistics.

Rates or ratios express the occurrence of selected vital events in relation to a set standard. For example, the crude death rate is expressed per 1,000 total population. This

comparison removes differences between sizes of areas being compared or changes in population over time and allows for analysis of changes in vital event patterns.

VITAL EVENT REPORTING LIMITATIONS

Unfortunately, many studies which utilize vital events information are limited by the fact that all events or variables which are needed may not be reported. Legal requirements and difficulty of collection tend to restrict the availability of vital events information.

Fortunately, reporting limitations should be of minor concern relating to mortality since all deaths are legally required to be reported. However, the analysis of selected subjects should consider this potential limitation.

VARIATIONS IN DEFINITIONS

Differences in definitions may pose concern when a comparison is being made between Alabama and other states or the nation. While most definitions are consistent nationwide, there are some vital events such as fetal deaths and some methods of analysis such as the perinatal mortality rate which vary in definition. To assure consistency, a user should compare definitions when studying different states or the nation.

Varying definitions may also be encountered when analyzing data from different data sources. An example of this variation is deaths from motor vehicle accidents. Motor vehicle fatalities as reported by the Alabama Department of Public Safety include those which occur on public roads and where the death occurred within 30 days following the date of the accident. Deaths from motor vehicle accidents as reported in this publication include fatalities from accidents occurring in all public and private locations and where death occurred within one year following

the accident. Thus, deaths from motor vehicle accidents as reported in this publication will always exceed those reported by the Alabama Department of Public Safety.

SMALL NUMBER LIMITATIONS

There are two limitations involving small numbers. One involves a small number of occurrences for a particular vital event and the other involves rates or ratios calculated for a small population even though the number of occurrences of that event may not be considered small. Since this publication is a historical recording of the occurrences of vital events in Alabama, small numbers and rates or ratios derived by using small numbers or small populations are published. However, caution should be exercised concerning the use of such data in a study. Statistical stability cannot be assured when small numbers are used in some formulas.

If a simple quote is needed with no analysis over time or comparison to other areas being made, small numbers should pose no threat to a study. However, if small numbers

are being used for more than simple quote it may be necessary to calculate a rate or ratio for a period of years to smooth out annual variations. Or it may be necessary to perform a more detailed statistical analysis to determine whether differences between rates are statistically significant.

Determination of what constitutes a small number must be made by the individual user in consideration of the study being conducted. However, numbers smaller than 16 are generally considered unstable for use in most statistical computations.

INFLUENCES ON VITAL STATISTICS

Every study involving vital statistics should be analyzed for possible influences that are independent of the variables included in the study. For example, a study of cancer mortality by county will reveal that some counties have higher mortality rates than others. However, cancer mortality is known to be greater among the elderly population and a higher rate may actually be more of a reflection of the age of a county's population than an indicator of other cancer risk factors present in that county.

CONTRIBUTING SOURCES

SOURCE OF DATA

Certificates of 1996 deaths which were filed with the state registrar of vital statistics were the primary source of data for this report. Records of deaths occurring outside the state to residents of Alabama were obtained from transcripts of certificates made available through a system of interchange among all states and territories of the United States as well as the provinces and territories of Canada. United States data, historical data and data from other states were taken from publications of the National Center for Health Statistics.

Population data for census years were obtained from United States Bureau of Census publications. Population estimates for years other than census years were made available by the Center for Business and Economic Research, University of Alabama.

SOURCE PUBLICATIONS LIST

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Infant Death: An Analysis by Maternal Risk and Health Care. Contrasts in Health Status 1973;1.

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ALABAMA CERTIFICATE OF DEATH

State File Number **101**

TYPE IN PERMANENT
BLACK INK. DO NOT
USE GREEN, RED, OR
BLUE INK.

County
File
Number —

3.	1. DECEASED—NAME First Middle Last (Type last name all capitals)			2. DATE OF DEATH (Month, Day, Year)		3. COUNTY OF DEATH
6.	4. CITY, TOWN, OR LOCATION OF DEATH AND ZIP CODE			5. INSIDE CITY LIMITS (Specify Yes or No)	6. PLACE OF DEATH—HOSPITAL OR OTHER INSTITUTION—(if not in either, give street and number)	
7.	7. IF HOSPITAL (Specify Inpatient, ER or Outpatient, ODA)			8. OF HISPANIC ORIGIN (Specify Yes or No; if Yes, Specify Cuban, Mexican, Puerto Rican, etc.)		9. RACE—Specify American Indian, Black, White, etc.)
8.	11. AGE			12. UNDER 1 YEAR		13. DATE OF BIRTH (Month, Day, Year)
9.	11. AGE			UNDER 1 DAY		14. DECEASED'S SOCIAL SECURITY NUMBER
10.	11. AGE			12. UNDER 1 YEAR		13. DATE OF BIRTH (Month, Day, Year)
11.	15. EDUCATION (Specify ONLY highest grade completed below)			16. MARITAL STATUS (Specify Married, Never Married, Widowed, Divorced)		17. SURVIVING SPOUSE (if wife, give maiden name)
12.	15. EDUCATION (Specify ONLY highest grade completed below)			16. MARITAL STATUS (Specify Married, Never Married, Widowed, Divorced)		18. Was Decedent ever in Armed Forces (Specify Yes or No)
15.	15. EDUCATION (Specify ONLY highest grade completed below)			16. MARITAL STATUS (Specify Married, Never Married, Widowed, Divorced)		18. Was Decedent ever in Armed Forces (Specify Yes or No)
16.	19. STATE OF BIRTH (if not in USA, name country)		20. RESIDENCE—STATE		21. COUNTY	
19.	19. STATE OF BIRTH (if not in USA, name country)		20. RESIDENCE—STATE		22. CITY, TOWN, OR LOCATION AND ZIP CODE	
20.	23. INSIDE CITY LIMITS (Specify Yes or No)		24. STREET AND NUMBER		25. INFORMANT—Name and Address	
26.	23. INSIDE CITY LIMITS (Specify Yes or No)		24. STREET AND NUMBER		25. INFORMANT—Name and Address	
27.	26. USUAL OCCUPATION (Give kind of work done during most of working life even if retired)			27. KIND OF BUSINESS OR INDUSTRY		
28.	28. FATHER—NAME First Middle Last			29. MOTHER—MAIDEN NAME First Middle Last		
29.	30. DISPOSITION OF BODY (Specify Burial, Cremation, Medical Donation, Hospital Disposal, Other)			31. DATE OF DISPOSITION (Month, Day, Year)		32. CEMETERY OR CREMATORY—Name
30.	30. DISPOSITION OF BODY (Specify Burial, Cremation, Medical Donation, Hospital Disposal, Other)			31. DATE OF DISPOSITION (Month, Day, Year)		33. LOCATION—(City or Town—State)
34.	34. FUNERAL HOME—Name and Address			35. FUNERAL DIRECTOR—Signature		36. DATE SIGNED BY FUNERAL DIRECTOR
37.	37. <u> </u> Certifying Physician (Physician certifying cause of death) "To the best of my knowledge death occurred at the time, date, place, and due to the cause(s) and manner stated." <u> </u> Medical Examiner <u> </u> Coroner <u> </u> Health Officer "On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, place, and due to the cause(s) and manner stated." Signature:					38. DATE SIGNED (Month, Day, Year)
37.	39. TIME OF DEATH			40. DATE AND TIME PRONOUNCED DEAD		41. NAME AND TITLE OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 46)
37.	39. TIME OF DEATH			40. DATE AND TIME PRONOUNCED DEAD		41. NAME AND TITLE OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 46)
37.	42. ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 46)					43. CERTIFIER LICENSE NUMBER
37.	44. REGISTRAR—Signature					45. DATE FILED (Month, Day, Year)

MEDICAL CERTIFICATION

IF NO PHYSICIAN WAS IN ATTENDANCE, MEDICAL CERTIFICATION SHOULD BE COMPLETED BY THE LOCAL HEALTH OFFICER OR CORONER.

46.	46. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. LIST ONLY ONE CAUSE ON EACH LINE.			APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH		
46.	IMMEDIATE CAUSE (final disease or condition resulting in death) → a. DUE TO IOR AS A CONSEQUENCE OF:					
46.	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST					
46.	b. DUE TO IOR AS A CONSEQUENCE OF:					
46.	c. DUE TO IOR AS A CONSEQUENCE OF:					
46.	d. DUE TO IOR AS A CONSEQUENCE OF:					
47.	47. PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I.					
48.	48. WAS THERE A PREGNANCY IN LAST 42 DAYS? (Specify Yes, No, or Unk.)					
48.	49. MANNER OF DEATH (Specify—Accident, Homicide, Suicide, Undetermined Circumstances, Pending Investigation, Natural Cause)			50. AUTOPSY (Specify Yes or No)	51. If yes, were findings considered in determining cause of death? (Specify Yes or No)	
49.	49. MANNER OF DEATH (Specify—Accident, Homicide, Suicide, Undetermined Circumstances, Pending Investigation, Natural Cause)			50. AUTOPSY (Specify Yes or No)	51. If yes, were findings considered in determining cause of death? (Specify Yes or No)	
50.	52. HOW INJURY OCCURRED (Enter nature of injury in Item 46, Part I or Item 47, Part II)			53. DATE OF INJURY (Month, Day, Year)		54. HOUR OF INJURY M.
50.	52. HOW INJURY OCCURRED (Enter nature of injury in Item 46, Part I or Item 47, Part II)			53. DATE OF INJURY (Month, Day, Year)		54. HOUR OF INJURY M.
51.	55. INJURY AT WORK (Specify Yes or No)			56. PLACE OF INJURY—Specify at home, farm, street, factory, office building, etc.		57. LOCATION OF INJURY (Street or R.F.D. No., City or Town, State)
51.	55. INJURY AT WORK (Specify Yes or No)			56. PLACE OF INJURY—Specify at home, farm, street, factory, office building, etc.		57. LOCATION OF INJURY (Street or R.F.D. No., City or Town, State)
55.	55. INJURY AT WORK (Specify Yes or No)			56. PLACE OF INJURY—Specify at home, farm, street, factory, office building, etc.		57. LOCATION OF INJURY (Street or R.F.D. No., City or Town, State)

This is a legal record and must be filed within five (5) days after death.

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PUBLICATIONS AVAILABLE FROM THE CENTER FOR HEALTH STATISTICS

CODE	TITLE/DESCRIPTION OF PUBLICATION	
AVE	Alabama Vital Events (1972-1993)	Cost \$15.00
	<p>This annual publication is available for each year--1972 through 1993--and consists of approximately 275 pages of tables, graphs and charts. Major sections on population, natality, mortality, marriage and divorce present much of the most requested vital events information by race, age, sex, and other demographic variables. Editions since 1986, also contain a section presenting county vital events profiles and sub-sections on low weight births; births to unmarried women; fertility; mortality from major cardiovascular diseases, malignant neoplasms, accidents, suicide, and homicide; infant mortality; fetal mortality; and maternal mortality. Editions prior to 1986 do not contain all of these features. Data presented in this publication are predominantly statewide; however, basic county tabulations are presented in each section and the county profiles should meet most county data needs. Data on larger cities are limited to counts of births and deaths along with populations.</p> <p>NOTE: Hard copies are available for 1976, 1979, 1980, 1981, 1982, 1983, 1984, 1986, 1987, 1988, 1990, 1991, 1992 and 1993. This publication is available only on microfiche for the years 1972, 1973, 1974, 1975, 1977, 1978, 1985, and 1989.</p>	
AV1	Alabama Vital Events (1994-1996) - Volume I, Pregnancy Statistics	Cost \$10.00
	<p>This annual publication contains the same information as was presented in the "Natality" section of the <u>Alabama Vital Events</u> publication for the years 1986 through 1993. Additional information on Fetal Deaths and Pregnancies have been included with natality data.</p>	
AV2	Alabama Vital Events (1994-1996) - Volume II, Mortality Statistics	Cost \$10.00
	<p>This annual publication contains the same information as was presented in the "Mortality" section of the <u>Alabama Vital Events</u> publication for the years 1986 through 1993. The sub-section on Fetal Deaths has been moved from this publication into Volume I on Pregnancy Statistics.</p>	
AV3	Alabama Vital Events (1994-1996) - Volume III, Marriage and Divorce Statistics	Cost \$10.00
	<p>This annual publication contains the same information as was presented in the "Marriage" and "Divorce" sections of the <u>Alabama Vital Events</u> publication for the years 1986 through 1993.</p>	
AV4	Alabama Vital Events (1994-1996) - Volume IV, County Profiles	Cost \$10.00
	<p>This annual publication is an enhancement of the "Area Profile" section of the <u>Alabama Vital Events</u> publication for the years 1986 through 1993. Additional information has been included to make profile contents more valuable to the user.</p>	
AV5	Alabama Vital Events - Volume V, Life Expectancy (1995)	Cost \$10.00
	<p>This publication contains tables on life expectancy by race, sex, and age group for residents of Alabama. The first edition of this volume of the <u>Alabama Vital Events</u> publication is published for 1995 and quinquennially thereafter.</p>	
AVX	Alabama Vital Events (1996) - Volumes I-IV	Cost \$40.00
	<p>This code should be given when ordering a complete set of Volumes 1 through IV of the <u>Alabama Vital Events</u> publication. Part V on life expectancy will be included at no additional costs during years for which this part is published.</p>	
DMS	Detailed Mortality Statistics	Cost \$10.00
	<p>This annual publication is available for each year--1978 through 1996--and consists of a listing of causes of death at the four-digit International Classification of Disease Code level with the numbers of Alabama residents dying during the year from each cause by race, sex, and age grouping. This publication contains approximately 150 pages.</p> <p>NOTE: Hard copies are available for all years except 1982, which is available only on microfiche.</p>	
ABR	Alabama Births by Residence and Occurrence	Cost \$10.00
	<p>This annual publication is available for each year--1979 through 1994--and consists of tables referencing births by the mother's county of residence and the county where the birth occurred and vice versa. The format of this publication was changed in 1989, but all years contain the same information. This publication contains approximately 26 pages.</p> <p>NOTE: Hard copies are available for all years.</p>	
TBS	Teenage Birth Statistics	Cost \$10.00
	<p>This annual publication is available for each year--1977 through 1994--and consists of approximately 29 pages of tables, graphs, and charts. Major sections include live births, births to unmarried women, low weight births, fetal deaths, and births by the month prenatal care began. There are detailed tables indicating totals and ratios or rates by county, race, and selected age groupings for live births, births to unmarried women, low weight births, births for which congenital malformations were reported, fetal deaths, and infant deaths. The contents of this publication were increased in 1986 to include information on infant deaths and a comparison of selected information between Alabama and the United States.</p> <p>NOTE: Hard copies are available for all years except 1981, which is available only on microfiche.</p>	

PUBLICATIONS AVAILABLE FROM THE CENTER FOR HEALTH STATISTICS - continued

MCH Selected Maternal and Child Health Statistics

Cost \$10.00

This annual publication contains selected information on pregnancy and events related to pregnancy including live births, fetal deaths, perinatal deaths and infant deaths. Information on deaths to Alabama residents under 20 years of age is also included. Publication contents are intended to provide information to policy makers and planners on topics of interest in maternal and child health. This publication is a supplement to Alabama Vital Events, containing approximately 97 pages, and is available for 1993 and 1996.

(Additional publications on selected subjects are available upon request. The lower part of the page may be copied or detached and used as an order form. Please send check or money order made payable to the Center for Health Statistics along with your request since payment must be received prior to filling the order.)

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