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VOLUME II

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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.

The 1997 publication graphically depicts mortality changes over time for Alabama and the United States with both crude and age-adjusted death rates. The addition of age-adjusted rates controls for the effect of changes in the age distributions of the population when comparing death rates over time and between groups. Alabama's age-adjusted death rate has slowly decreased over time, paralleling national trends.

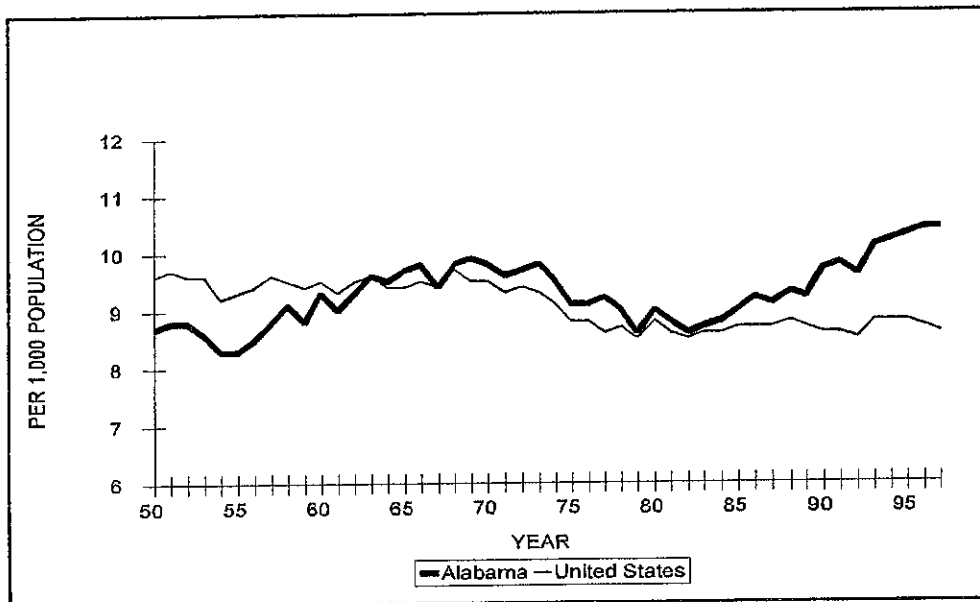
The addition of a life expectancy graph also shows the impressive improvement in longevity in Alabama by race. A fifth volume of *Alabama Vital Events, Life Expectancy* is published every fifth year and is available for 1991 to 1995.



1997 Mortality Highlights

- For the fifth straight year the number of deaths (43,208) to Alabama residents increased. The death rate remained constant at 10.4 per 1,000 population.
- There were 10,838 deaths to black and other race Alabamians in 1997. The death rate for black and others (9.9) has been relatively stable for the past 20 years.
- The number and rate for white deaths increased slightly to 32,370 and 10.6 respectively.
- Heart disease remained the leading cause of death in 1997 causing 13,522 deaths and a cause-specific rate of 326.5 per 100,000.
- Cancer deaths in Alabama continue to increase with 1997 rates nearly double the 1960 rates. Both the number (9,585) and rate (231.4) were record highs in 1997.
- For black and other race Alabamians, the cancer death rate of 207.3 was lower than the white rate of 240.1.
- For men the leading type of cancer death was bronchus and lung with a rate of 98.0 followed by prostate cancer with a rate of 33.2.
- For women, bronchus and lung was also the leading type of cancer death followed by breast cancer. For ten years the breast cancer death rate for women remained constant (30.7 in 1988 and 30.1 in 1997). More importantly, the lung cancer rate for women has increased 42.0 percent in 10 years from 31.4 in 1988 to 44.6 in 1997.
- For both racial groups, the third leading cause of death for men was accidents but, for women, it was cerebrovascular diseases.
- For the first time ever, the black and other cerebrovascular diseases rate (70.4) fell below the white rate (70.6). Overall in 1997, deaths from cerebrovascular diseases increased by 32 and the rate rose 0.9 percent.
- Homicide deaths (535) and the rate (12.9) decreased in 1997 as a whole and for both white and black and other residents. The black and other rate (32.2) and the white rate (6.0) were the lowest this decade.
- For those 60 and over, homicides increased from 35 in 1996 to 54 in 1997. Homicides decreased for all other age groups.
- The suicide death rate has slowly, but steadily, increased for the past 40 years with the highest rates occurring in the 1990s. On a positive note, suicide deaths decreased for the third year, and the rate of 12.8 was the lowest this decade.
- Like homicide, suicide to those aged 60 and older increased — from 124 in 1996 to 140 in 1997. Suicides declined in 1997 for each of the other age groups.
- Deaths from human immunodeficiency virus (HIV) infection decreased 45.6 percent from 366 in 1996 to 199 in 1997. In Alabama HIV infection moved from the 14th to the 17th cause of death in 1997.
- Infant deaths decreased in 1997 to 579. There were 29 fewer white and 26 fewer black and other race infants who died in 1997. The rate of 9.5 per 1,000 births was a record low.
- Disorders relating to short gestation and unspecified low birth weight was the leading cause of infant death.
- A remarkable achievement, for the first time the Alabama maternal mortality rate of 0.82 deaths per 10,000 births was below the U.S. rate of 0.84.

**FIGURE 1
DEATH RATES
ALABAMA AND UNITED STATES, 1950-1997**



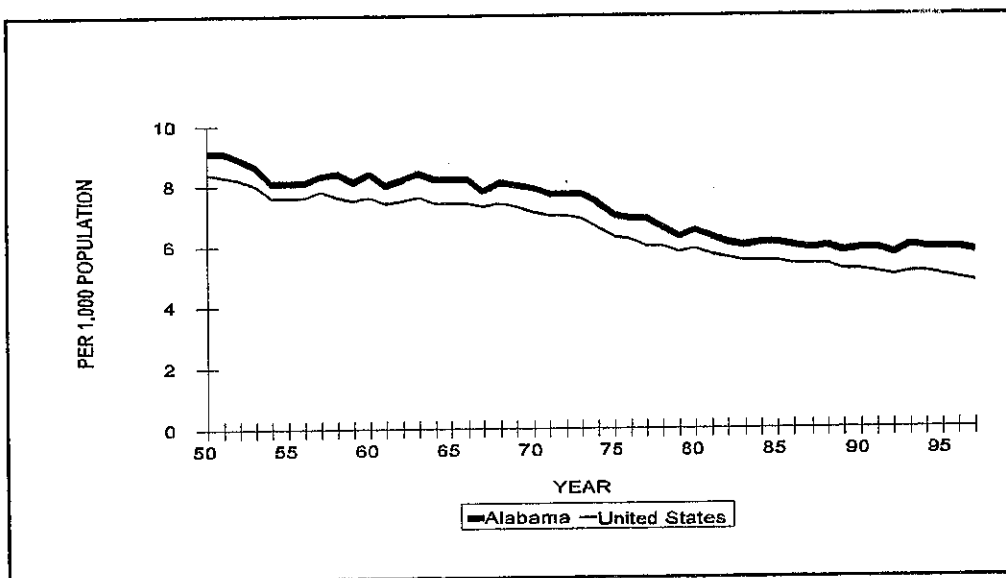
A crude rate is the number of deaths divided by the population at risk and then multiplied by a constant so that the result is not a fraction. For the population at risk, this publication uses population *projections* which are created by projecting forward from the 1990 census. The further in time from the census baseline, the less accurate the projections and associated rates become. Since Alabama projections for the 1990s are believed to be low, the crude death rate in the latter part of this decade may be too high.

The National Center for Health Statistics calculates crude rates using population *estimates* which are calculated in retrospect and may more accurately reflect the population denominator and thus the U.S. crude rate.

When comparing the risk of death to another area or to the United States as a whole, it is important to control for differences in the age compositions among the areas. An age-adjusted rate is the death rate that a study population would have if it had the same age distribution as a selected standard population, in this case the U.S. 1940 standard million.

Age-adjusted rates are used strictly for comparison and do not have a real-world translation. Figure 2 demonstrates the age-adjusted death rate for Alabama in comparison to the U.S. Because both the U.S. and Alabama use the same standardized denominator, the spike in the Alabama crude rate seen in Figure 1 is reduced in Figure 2.

**FIGURE 2
AGE-ADJUSTED DEATH RATES
ALABAMA AND UNITED STATES, 1950-1997**



**TABLE 1
DEATHS AND DEATH RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1997**

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	31,915	9.4	9.4	21,467	8.7	9.4	10,448	11.2	9.4
1968	33,532	9.8	9.7	22,588	9.1	9.6	10,944	11.9	9.9
1969	33,830	9.9	9.5	22,916	9.1	9.5	10,914	11.9	9.6
1970	33,693	9.8	9.5	23,071	9.1	9.5	10,622	11.7	9.4
1971	33,807	9.6	9.3	23,455	9.1	9.3	10,352	11.3	9.2
1972	34,577	9.7	9.4	24,038	9.3	9.4	10,539	11.5	9.2
1973	35,342	9.8	9.3	24,570	9.2	9.4	10,772	11.3	9.0
1974	34,712	9.5	9.1	24,466	9.1	9.1	10,246	10.7	8.6
1975	33,629	9.1	8.8	23,745	8.7	8.9	9,884	10.2	8.2
1976	34,220	9.1	8.8	23,973	8.7	8.9	10,247	10.4	8.1
1977	34,772	9.2	8.6	24,531	8.8	8.7	10,241	10.3	8.0
1978	34,489	9.0	8.7	24,465	8.7	8.8	10,024	10.0	7.9
1979	33,502	8.6	8.5	23,746	8.3	8.7	9,756	9.6	7.7
1980	35,305	9.0	8.8	24,942	8.6	8.9	10,363	10.1	7.9
1981	35,348	8.8	8.6	25,498	8.6	8.8	9,850	9.4	7.5
1982	34,957	8.6	8.5	25,362	8.5	8.7	9,595	9.1	7.3
1983	35,471	8.7	8.6	25,594	8.4	8.8	9,877	9.3	7.4
1984	36,431	8.8	8.6	26,418	8.6	8.9	10,013	9.4	7.3
1985	37,531	9.0	8.7	27,198	8.8	9.0	10,333	9.6	7.4
1986	37,690	9.2	8.7	27,538	9.1	9.0	10,152	9.4	7.5
1987	37,681	9.1	8.7	27,631	9.0	9.0	10,050	9.2	7.5
1988	39,077	9.3	8.8	28,505	9.2	9.1	10,572	9.6	7.6
1989	38,924	9.2	8.7	28,464	9.1	8.9	10,460	9.3	7.6
1990	39,335	9.7	8.6	28,685	9.6	8.9	10,650	10.0	7.4
1991	40,024	9.8	8.6	29,350	9.8	8.9	10,674	9.9	7.3
1992	39,199	9.6	8.5	28,697	9.6	8.8	10,502	9.8	7.2
1993	41,232	10.1	8.8	30,397	10.1	9.1	10,835	10.1	7.4
1994	41,631	10.2	8.8	30,794	10.2	9.1	10,837	10.0	7.3
1995	42,321	10.3	8.8	31,317	10.3	9.1	11,004	10.1	7.3
1996	42,806	10.4	8.7	31,918	10.5	9.1	10,888	10.0	7.1
1997	43,208	10.4	8.6	32,370	10.6	9.0	10,838	9.9	6.9

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

**TABLE 2
AGE-ADJUSTED DEATH RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1950-1997**

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	4.7	6.3
1997	5.8	5.3	7.7	4.8	4.6	— ²

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

² Unavailable.

LIFE EXPECTANCY

As defined by the National Center for Health Statistics, life expectancy at birth is "the average number of years that a group of infants would live if the infants were to experience throughout life the age-specific death rates present at birth¹." There has been an upward trend nationally in life expectancy during the 20th century. Life expectancy for an infant born in 1900 was 47.3 years. For infants born in the U.S. in 1997 the life expectancy was 76.5 years, an increase of 61.7 percent.

For infants born in Alabama in 1997 the overall life expectancy was somewhat less, 74.0 years. The widest gap between Alabama and the U.S. was for white males, 71.9 years for Alabama compared to 74.3 years for the U.S. Of interest, while lower than for white females, black and other females in Alabama had the same life expectancy as U.S. black and other females (74 years).

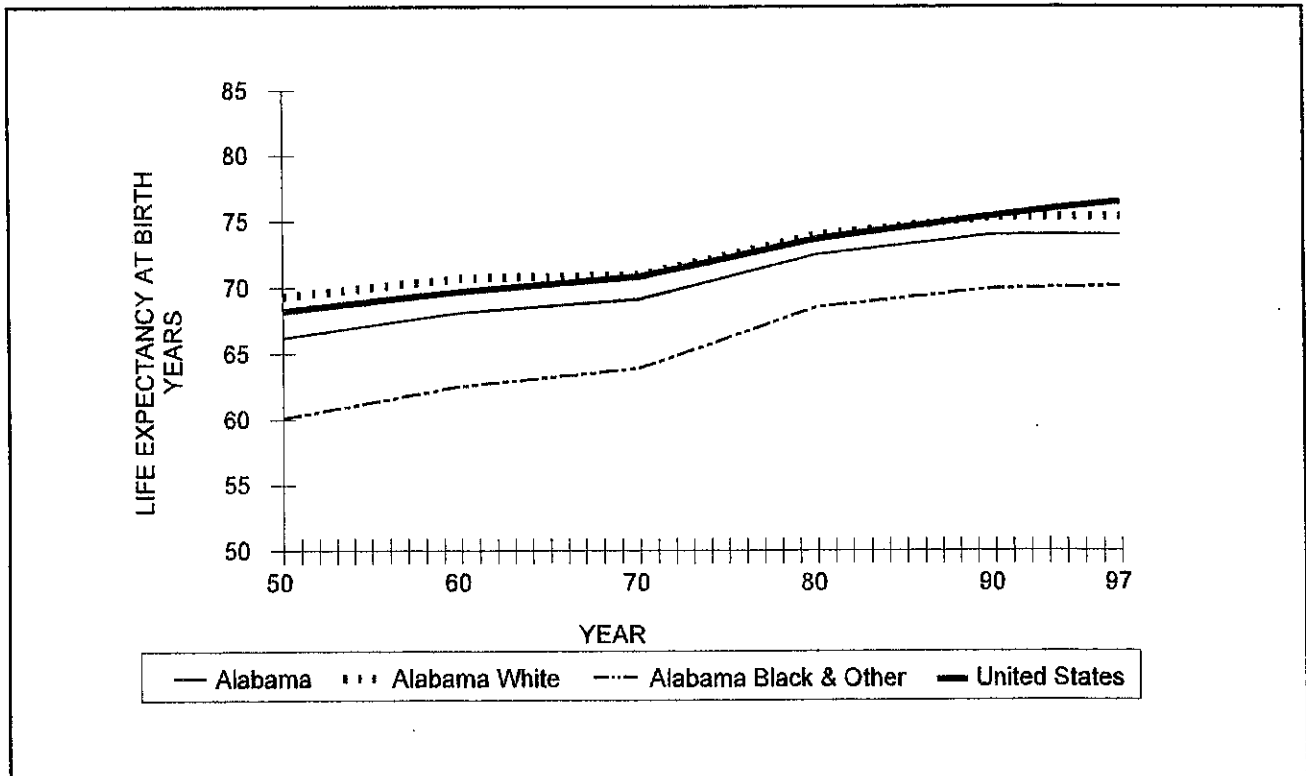
The greatest gains in Alabama life expectancy from 1950 to 1997 were for black and other races – female life expectancy increased 19.9 percent, from 62.2 years to 74.6 years and male life expectancy increased 12.2 percent, from 58.1 years to 65.2 years. There was an 8.4 percent

increase in life expectancy for both white males and females.

In 1997 life expectancy in Alabama differed by more than seven years between males (70.3 years) and females (77.7 years) with the gap widening slightly over time. From 1950 to 1990, life expectancy increased 9.9 percent for males compared to 12.9 percent for females. There were negligible changes in life expectancy in Alabama from 1990 to 1997 for any race and sex grouping. For Alabamians born in 1997, the life expectancy was 78.7 years for white females, 74.6 years for black and other race females, 71.9 years for white males and 65.2 years for black and other race males.

A different way to examine longevity for Alabamians is to compare the median age at death. In 1941 the median age at death in years was 52.5 overall, and 58.3 for white and 46.8 for black and other race Alabamians. In 1997 the median age at death in years had increased to 75.3 overall, and 76.3 for white and 71.1 for black and other race Alabamians. These and other life expectancy data are published every five years. Instructions for ordering *Alabama Vital Events Life Expectancy 1991 - 1995* are found on page 108.

FIGURE 3
LIFE EXPECTANCY AT BIRTH
ALABAMA BY RACE AND UNITED STATES, 1950-1997



¹*Vital Statistics of the United States, 1989, Life Tables Volume II, Section 6, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Hyattsville, Maryland, December, 1992.*

**TABLE 3
RESIDENT DEATHS AND DEATH RATES¹
BY COUNTY AND RACE
ALABAMA, 1997**

COUNTY	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	43,208	10.4	32,370	10.6	10,838	9.9
Autauga	327	9.2	268	9.3	59	8.6
Baldwin	1,211	10.8	1,064	10.9	147	10.4
Barbour	284	11.1	143	10.0	141	12.3
Bibb	186	10.8	158	11.5	28	8.1
Blount	436	10.6	432	10.7	4	5.6*
Bullock	139	12.5	38	14.0	101	12.0
Butler	261	12.1	167	13.2	94	10.5
Calhoun	1,243	10.8	1,041	11.4	202	8.6
Chambers	470	13.2	339	15.0	131	10.1
Cherokee	248	12.4	236	12.7	12	9.4
Chilton	361	10.7	318	10.6	43	11.1
Choctaw	175	11.3	112	13.1	63	9.1
Clarke	297	11.0	179	11.6	118	10.1
Clay	157	12.1	136	12.6	21	9.8
Cleburne	160	12.6	151	12.4	9	14.7*
Coffee	431	10.4	353	10.5	78	9.8
Colbert	562	11.3	458	11.1	104	12.2
Conecuh	187	14.2	116	15.8	71	12.3
Coosa	112	10.3	75	10.6	37	9.7
Covington	465	12.9	408	13.1	57	11.7
Crenshaw	186	14.0	139	14.2	47	13.5
Cullman	766	10.7	762	10.8	4	4.5*
Dale	404	8.0	332	8.4	72	6.8
Dallas	558	12.5	230	13.0	328	12.2
DeKalb	657	11.8	648	12.1	9	4.6
Elmore	539	10.2	441	10.7	98	8.3
Escambia	410	12.2	289	12.4	121	11.6
Etowah	1,330	13.7	1,147	14.0	183	12.3
Fayette	230	13.2	203	13.3	27	12.5
Franklin	360	13.1	345	13.3	15	10.9
Geneva	286	12.3	267	13.2	19	6.6
Greene	127	13.1	35	20.0	92	11.6
Hale	190	12.4	85	13.2	105	11.8
Henry	179	11.6	114	11.2	65	12.4
Houston	763	8.9	580	9.0	183	8.5
Jackson	568	12.4	548	13.0	20	5.6
Jefferson	7,317	11.5	4,713	11.8	2,604	10.9
Lamar	198	13.0	171	12.9	27	14.4
Lauderdale	850	10.8	764	10.8	86	10.7
Lawrence	310	9.4	265	10.8	45	5.4
Lee	693	7.5	484	7.0	209	8.7
Limestone	539	9.1	488	9.4	51	6.9
Lowndes	128	10.4	29	9.3	99	10.7
Macon	277	11.7	47	14.9	230	11.2
Madison	1,968	7.3	1,588	7.7	380	6.0
Marion	246	11.2	120	10.8	126	11.6
Marietta	382	13.0	369	13.1	13	10.6
Marshall	840	11.3	830	11.4	10	6.2
Mobile	3,887	10.1	2,573	9.9	1,314	10.3
Monroe	229	9.2	128	8.4	101	10.6
Montgomery	1,954	9.0	1,158	9.6	796	8.1
Morgan	967	9.0	883	9.3	84	6.8
Perry	166	14.6	60	16.5	106	13.8
Pickens	247	12.2	159	13.6	88	10.3
Pike	333	12.3	215	12.3	118	12.4
Randolph	204	10.3	156	10.3	48	10.3
Russell	543	11.8	351	12.4	192	10.8
St. Clair	513	9.2	457	9.0	56	11.2
Shelby	837	6.7	755	6.6	82	8.5
Sumter	175	11.3	57	13.2	118	10.5
Talladega	867	11.7	626	12.3	241	10.4
Tallapoosa	510	13.0	403	14.0	107	10.3
Tuscaloosa	1,300	8.2	927	8.0	373	8.6
Walker	857	12.8	810	13.0	47	10.6
Washington	168	10.1	121	11.2	47	8.0
Wilcox	180	14.2	50	12.8	130	14.8
Winston	258	11.7	256	11.7	2	13.4*

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 "*".

FIGURE 4
DEATH RATES BY COUNTY
ALABAMA, 1997

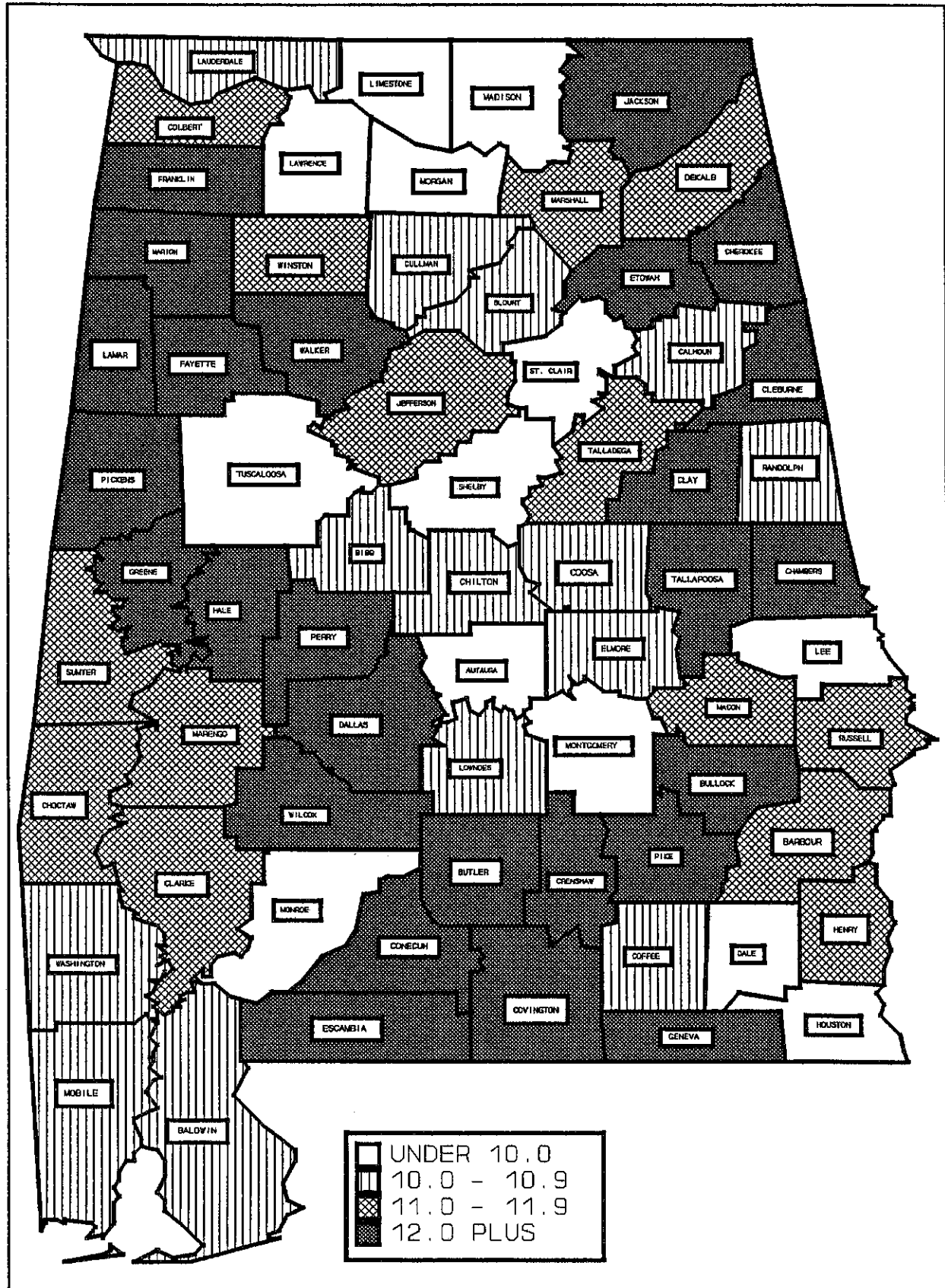


TABLE 4
RESIDENT DEATHS AND DEATH RATES¹
BY COUNTY AND SEX
ALABAMA, 1997

COUNTY	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	43,208	10.4	21,843	11.0	21,365	9.9
Autauga	327	9.2	179	10.3	148	8.0
Baldwin	1,211	10.8	614	11.3	597	10.3
Barbour	284	11.1	156	12.8	128	9.5
Bibb	186	10.8	95	11.2	91	10.4
Blount	436	10.6	233	11.7	203	9.6
Bullock	139	12.5	70	12.9	69	12.0
Butler	261	12.1	111	11.0	150	13.0
Calhoun	1,243	10.8	631	11.4	612	10.3
Chambers	470	13.2	236	14.0	234	12.5
Cherokee	248	12.4	136	13.9	112	11.1
Chilton	361	10.7	189	11.5	172	9.9
Choctaw	175	11.3	90	12.4	85	10.3
Clarke	297	11.0	147	11.4	150	10.6
Clay	157	12.1	84	13.6	73	10.7
Cleburne	160	12.5	87	13.7	73	11.3
Coffee	431	10.4	205	10.1	226	10.7
Colbert	562	11.3	288	12.1	274	10.6
Conecuh	187	14.2	92	14.8	95	13.7
Coosa	112	10.3	58	10.8	54	9.8
Covington	465	12.9	221	13.0	244	12.9
Crenshaw	186	14.0	104	16.6	82	11.7
Cullman	766	10.7	387	11.1	379	10.4
Dale	404	8.0	218	8.7	186	7.4
Dallas	558	12.5	269	13.4	289	11.8
DeKalb	657	11.8	315	11.8	342	11.9
Elmore	539	10.2	278	10.4	261	10.0
Escambia	410	12.2	235	14.3	175	10.1
Etowah	1,330	13.7	644	14.0	686	13.4
Fayette	230	13.2	125	15.1	105	11.5
Franklin	380	13.1	196	15.1	184	11.4
Geneva	286	12.3	148	13.3	138	11.5
Greene	127	13.1	53	12.1	74	14.0
Hale	190	12.4	96	13.5	94	11.3
Henry	179	11.6	90	12.4	89	10.9
Houston	763	8.9	386	9.5	377	8.3
Jackson	568	12.4	295	13.5	273	11.5
Jefferson	7,317	11.5	3,509	11.8	3,808	11.2
Lamar	198	13.0	102	14.2	96	12.0
Lauderdale	850	10.8	435	11.7	415	10.1
Lawrence	310	9.4	177	10.9	133	8.0
Lee	693	7.5	352	7.7	341	7.3
Limestone	539	9.1	279	9.4	260	8.8
Lowndes	128	10.4	60	10.7	68	10.1
Macon	277	11.7	148	13.8	129	10.0
Madison	1,968	7.3	1,026	7.7	942	6.9
Marengo	246	11.2	127	12.3	119	10.2
Marion	382	13.0	196	13.5	186	12.4
Marshall	840	11.3	438	12.4	402	10.4
Mobile	3,887	10.1	2,003	11.0	1,884	9.2
Monroe	229	9.2	113	9.4	116	9.0
Montgomery	1,954	9.0	958	9.3	996	8.7
Morgan	967	9.0	519	9.9	448	8.2
Perry	186	14.6	89	17.0	77	12.6
Pickens	247	12.2	124	13.2	123	11.3
Pike	333	12.3	173	13.6	160	11.2
Randolph	204	10.3	105	10.9	99	9.8
Russell	543	11.8	272	12.4	271	11.3
St. Clair	513	9.2	277	9.9	236	8.5
Shelby	837	6.7	407	6.7	430	6.8
Sumter	175	11.3	92	13.0	83	9.9
Talladega	867	11.7	424	11.8	443	11.7
Tallapoosa	510	13.0	247	13.5	263	12.6
Tuscaloosa	1,300	8.2	676	8.8	624	7.6
Walker	857	12.8	425	13.2	432	12.4
Washington	168	10.1	96	11.8	72	8.4
Wilcox	180	14.2	101	17.5	79	11.4
Winston	258	11.7	132	12.3	126	11.1

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

TABLE 5
DEATHS AND AGE-SPECIFIC DEATH RATES¹ BY COUNTY
ALABAMA, 1997

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	43,208	579	110	187	681	991	1,869	2,962	4,850	9,055	21,924	0
	10.4	9.5	0.4	0.3	1.1	1.7	3.0	5.7	13.1	29.0	88.4	
Autauga	327 9.2	3 5.2*	1 0.4	2 0.3	7 1.3	11 2.5	20 3.4	22 4.9	45 14.0	72 33.0	144 91.9	0
Baldwin	1,211 10.8	25 17.5	1 0.2	4 0.3	12 0.8	22 1.8	40 2.3	73 4.9	120 10.5	256 22.8	658 79.1	0
Barbour	284 11.1	0 0.0	3 1.8	3 0.7	5 1.3	6 1.9	15 4.0	34 10.5	20 9.7	53 27.4	145 86.2	0
Bibb	186 10.8	1 3.9*	2 2.0	1 0.4	5 1.8	5 2.2	9 3.6	17 7.7	20 13.6	32 27.5	94 99.1*	0
Blount	436 10.6	3 5.4*	0 0.0	0 0.0	8 1.4	9 1.6	11 1.8	25 4.5	50 12.1	87 28.2	243 102.1	0
Bullock	139 12.5	1 5.0*	0 0.0	1 0.5	3 1.8	1 0.7	8 5.1	20 17.4	14 16.9*	26 34.5*	65 73.4*	0
Butler	261 12.1	1 3.2*	0 0.0	2 0.6	6 1.8	10 4.4	8 2.6	22 8.8	32 17.6	45 25.6	135 73.8	0
Calhoun	1,243 10.8	20 12.4	1 0.2	3 0.2	20 1.1	21 1.4	58 3.4	89 6.1	138 13.4	270 30.4	623 95.3	0
Chambers	470 13.2	3 5.4*	0 0.0	1 0.2	3 0.6	15 3.4	22 4.5	31 7.1	44 13.5	81 27.4	270 92.0	0
Cherokee	248 12.4	1 4.4*	0 0.0	0 0.0	1 0.4	6 2.5	9 3.1	22 8.0	33 14.7	52 27.3	124 91.6	0
Chilton	361 10.7	2 4.3*	2 1.1	3 0.6	4 0.8	9 2.1	15 3.0	22 5.0	51 15.3	82 31.3	171 77.3	0
Choctaw	175 11.3	0 0.0	0 0.0	0 0.0	7 2.9	5 2.9	6 2.7	10 5.0	25 16.6	38 30.9	84 82.8	0
Clarke	297 11.0	3 6.6*	0 0.0	4 1.0	5 1.2	10 3.1	20 5.4	21 6.5	31 12.2	50 26.2	153 92.3	0
Clay	157 12.1	2 12.7*	0 0.0	0 0.0	2 1.1	5 3.2	6 3.4	7 4.2	15 11.1	27 23.4	93 74.8	0
Cleburne	160 12.5	1 5.8*	0 0.0	1 0.6	0 0.0	4 2.3	9 4.8	7 4.1	27 21.4	33 32.5	78 101.6*	0
Coffee	431 10.4	8 13.5*	0 0.0	1 0.2	9 1.6	7 1.2	17 2.8	24 4.4	59 14.8	89 27.7	217 81.3	0

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, 1997

COUNTY	TOTAL	DEATHS AND AGE-SPECIFIC DEATH RATES										AGE NOT
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+	STATED
Colbert	562 11.3	7 10.4*	1 0.4	2 0.3	8 1.3	10 1.6	17 2.4	36 5.4	69 13.0	108 23.6	304 89.3	0
Conecuh	187 14.2	5 21.6*	0 0.0	1 0.5	1 0.5	7 5.3	9 5.0	11 6.9	23 19.6	32 25.7	98 96.0*	0
Coosa	112 10.3	1 6.3*	0 0.0	1 0.6	1 1.7	0 0.0	6 3.8	6 4.5	13 12.1	33 35.4*	51 80.3*	0
Covington	465 12.9	2 4.0*	3 1.5	0 0.0	5 1.0	7 1.7	9 1.8	26 5.8	51 14.1	99 30.5	263 93.0	0
Crenshaw	186 14.0	3 16.9*	0 0.0	2 1.1	3 1.6	3 2.1	8 4.5	8 4.8	18 14.6	38 30.1	103 89.2	0
Cullman	766 10.7	4 4.4*	1 0.3	4 0.4	11 1.1	10 1.1	18 1.7	42 4.5	101 14.4	153 25.3	422 85.8	0
Dale	404 8.0	7 9.3*	1 0.3	1 0.1	5 0.6	13 1.5	17 2.4	30 5.5	61 15.7	92 20.1	177 80.5	0
Dallas	558 12.5	7 8.3*	0 0.0	1 0.1	10 1.4	14 3.1	19 3.2	33 6.7	67 17.8	115 33.4	292 102.9	0
DeKalb	657 11.8	7 9.1*	2 0.6	4 0.5	14 1.8	16 2.2	20 2.4	28 3.8	78 14.3	162 35.4	326 87.3	0
Elmore	539 10.2	5 6.3*	1 0.3	3 0.4	14 1.8	10 1.3	31 3.6	47 6.9	66 13.6	105 30.3	257 96.5	0
Escambia	410 12.2	8 15.9*	3 1.5	5 1.1	6 1.2	5 1.2	20 4.2	29 6.9	39 11.7	87 32.0	208 93.3	0
Etowah	1,330 13.7	13 10.4	3 0.6	4 0.3	14 1.0	31 2.7	65 4.6	78 6.0	146 15.1	287 31.6	689 94.0	0
Fayette	230 13.2	2 8.5*	3 3.2	0 0.0	1 0.4	4 2.0	8 3.2	18 7.9	27 15.6	46 31.8	121 87.2	0
Franklin	360 13.1	6 16.2*	1 0.7	1 0.3	6 1.6	4 1.2	12 3.1	32 9.1	36 12.4	81 32.6	181 89.3	0
Geneva	286 12.3	1 3.2*	0 0.0	2 0.6	1 0.3	5 1.9	8 2.5	14 4.7	30 12.1	63 29.1	162 84.5	0
Greene	127 13.1	1 5.2*	0 0.0	1 0.6	4 2.6	4 4.5*	7 5.2	11 11.1*	13 16.5*	14 18.6*	72 99.9*	0
Hale	190 12.4	1 3.7*	0 0.0	1 0.4	2 0.8	4 2.6	5 2.2	8 4.9	29 23.6	30 24.6	110 94.4	0

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, 1997

COUNTY	TOTAL	DEATHS AND AGE-SPECIFIC DEATH RATES										AGE NOT
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+	STATED
Henry	179	2	0	0	3	4	5	18	16	37	94	0
	11.6	9.5*	0.0	0.0	1.4	2.3	2.4	9.0	10.5	26.0	73.6	
Houston	763	12	2	5	9	16	40	53	75	143	408	0
	8.9	9.5	0.4	0.4	0.7	1.4	3.0	4.8	10.1	21.8	76.9	
Jackson	568	6	1	2	12	14	22	35	72	141	263	0
	12.4	9.2*	0.4	0.3	1.9	2.4	3.4	5.5	14.4	37.9	102.2	
Jefferson	7,317	101	17	22	98	183	329	506	722	1,542	3,797	0
	11.5	10.7	0.4	0.3	1.1	2.1	3.3	6.2	13.4	30.3	91.0	
Lamar	198	4	1	0	3	3	8	13	27	45	94	0
	13.0	21.1*	1.3*	0.0	1.4	1.6	3.7	6.6	17.2	34.6	78.9	
Lauderdale	850	6	0	5	13	16	36	59	96	180	439	0
	10.8	5.8	0.0	0.5	1.2	1.6	3.2	5.8	12.2	26.1	77.4	
Lawrence	310	3	1	2	13	9	9	23	26	60	164	0
	9.4	6.0*	0.5	0.4	2.7	1.9	1.9	5.6	8.5	25.5	96.0	
Lee	693	10	6	2	11	18	23	55	88	161	319	0
	7.5	7.9	1.2	0.2	0.4	1.4	1.9	5.6	13.4	33.5	85.9	
Limestone	539	4	1	3	9	13	25	34	63	118	269	0
	9.1	4.9*	0.3	0.4	1.1	1.4	2.6	4.3	11.2	29.3	88.0	
Lowndes	128	5	2	1	6	3	4	10	12	25	60	0
	10.4	18.3*	1.8	0.4	2.8	2.4	2.5	8.2	12.5*	31.7*	83.3*	
Macon	277	4	0	1	7	7	10	27	29	63	129	0
	11.7	10.1*	0.0	0.3	1.3	2.9	3.8	11.0	17.9	35.4	77.5	
Madison	1,968	21	8	11	29	47	100	137	274	446	895	0
	7.3	5.3	0.5	0.3	0.8	1.0	2.1	4.1	11.1	27.2	82.8	
Marengo	246	1	2	0	4	5	10	12	26	56	130	0
	11.2	2.5*	1.3	0.0	1.2	2.2	3.3	4.6	13.1	32.2	89.4	
Marion	382	5	1	1	6	4	13	23	36	76	217	0
	13.0	14.0*	0.7	0.3	1.5	1.0	3.2	5.8	11.3	29.8	98.2	
Marshall	840	10	2	4	17	20	46	54	93	171	423	0
	11.3	10.3*	0.5	0.4	1.7	2.1	4.1	5.5	12.1	26.7	84.6	
Mobile	3,887	86	9	21	62	103	205	288	454	800	1,859	0
	10.1	13.7	0.4	0.4	1.1	2.0	3.5	6.0	14.1	29.4	88.2	
Monroe	229	3	0	2	3	6	10	16	32	45	112	0
	9.2	7.4*	0.0	0.5	0.8	2.0	2.7	5.5	15.2	25.3	75.2	

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, 1997

COUNTY	TOTAL	DEATHS AND AGE-SPECIFIC DEATH RATES										AGE NOT
		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 +	STATED
Montgomery	1,954 9.0	36 9.9	2 0.1	11 0.3	31 0.9	51 1.6	92 2.7	128 5.0	185 11.0	381 27.1	1,037 88.5	0
Morgan	967 9.0	11 7.3	4 0.7	3 0.2	18 1.3	19 1.3	33 1.9	68 4.7	97 9.6	225 30.0	489 84.1	0
Perry	166 14.6	4 19.6*	0 0.0	1 0.5	1 0.4	0 0.0	9 6.9	9 7.8	19 18.9	26 29.4*	97 117.0*	0
Pickens	247 12.2	0 0.0	1 0.8	2 0.7	3 1.0	5 2.4	10 3.8	16 7.2	21 9.9	42 22.0	147 85.4	0
Pike	333 12.3	4 9.7*	1 0.6	2 0.5	9 1.5	6 2.0	18 5.5	25 8.4	31 14.3	65 34.0	172 93.1	0
Randolph	204 10.3	5 17.5*	0 0.0	0 0.0	3 1.1	6 2.5	10 3.6	12 5.1	23 12.0	46 25.0	99 63.1	0
Russell	543 11.8	8 12.0*	1 0.4	2 0.3	3 0.5	7 1.1	25 3.7	48 8.2	91 20.7	120 33.1	238 90.8	0
St. Clair	513 9.2	5 6.3*	1 0.3	0 0.0	7 0.9	18 2.3	22 2.6	48 6.6	62 11.7	108 25.1	242 82.1	0
Shelby	837 6.7	21 11.3	3 0.4	8 0.4	10 0.6	18 0.9	37 1.5	69 4.0	99 10.4	182 30.1	390 102.3	0
Sumter	175 11.3	0 0.0	0 0.0	1 0.4	2 0.6	4 2.5	8 3.8	14 10.1	16 13.7	31 28.0	99 92.5	0
Talladega	867 11.7	8 7.2	0 0.0	1 0.1	21 1.9	21 2.4	22 1.9	64 6.7	119 17.5	190 33.1	421 98.8	0
Tallapoosa	510 13.0	6 10.2*	1 0.4	0 0.0	10 1.9	17 3.6	15 2.7	27 5.5	52 13.7	118 33.2	264 87.4	0
Tuscaloosa	1,300 8.2	20 9.4	5 0.6	6 0.3	34 1.1	22 1.0	52 2.2	86 4.7	136 11.0	263 23.5	676 80.2	0
Walker	857 12.8	9 10.2*	0 0.0	4 0.5	9 1.0	19 2.3	43 4.4	47 5.2	99 14.4	185 32.2	442 101.5	0
Washington	168 10.1	2 7.2*	2 1.8	0 0.0	3 1.2	6 3.0	10 4.2	10 4.9	19 12.5	38 32.3	78 81.8*	0
Wilcox	180 14.2	0 0.0	7 6.9	2 1.0	5 2.3	4 3.4	5 3.2	13 9.7	18 17.6	31 29.1	95 93.1	0
Winston	258 11.7	3 10.4*	0 0.0	3 1.1	4 1.4	4 1.4	11 3.6	12 3.9	31 13.1	57 29.0	133 89.2	0

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, 1997

CAUSE OF DEATH	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	43,208	10.4	32,370	10.6	10,838	9.9
Shigellosis and Amebiasis, 004, 006	0	0.0	0	0.0	0	0.0
Certain Other Intestinal Infections, 007-009	11	0.3	10	0.3	1	0.1
Tuberculosis, All Forms, 010-018	23	0.6	13	0.4	10	0.9
Tuberculosis of Respiratory System, 010-012	16	0.4	9	0.3	7	0.6
Whooping Cough, 033	0	0.0	0	0.0	0	0.0
Streptococcal Sore Throat, Scarlatina, and Erysipelas, 034-035	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	4	0.1	3	0.1	1	0.1
Septicemia, 038	530	12.8	358	11.8	172	15.7
Human Immunodeficiency Virus Infection, 042-044	199	4.8	53	1.7	146	13.3
Acute Poliomyelitis, 045	0	0.0	0	0.0	0	0.0
Measles, 055	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	56	1.4	39	1.3	17	1.6
Syphilis, 090-097	2	0.0	1	0.0	1	0.1
Other Infective and Parasitic Diseases, Remainder of 000-139	112	2.7	66	2.2	46	4.2
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	9,585	231.4	7,312	240.1	2,273	207.3
Lip, Oral Cavity and Pharynx, 140-149	137	3.3	102	3.3	35	3.2
Digestive Organs and Peritoneum, 150-159	1,997	48.2	1,429	46.9	568	51.8
Respiratory and Intrathoracic Organs, 160-165	2,990	72.2	2,442	80.2	548	50.0
Breast, 174-175	654	15.8	473	15.5	181	16.5
Genitourinary Organs, 179-189	1,450	35.0	1,002	32.9	448	40.9
Leukemia, 204-208	322	7.8	260	8.5	62	5.7
All Other Sites	2,035	49.1	1,604	52.7	431	39.3
Benign Neoplasms, Carcinoma in Situ and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	124	3.0	93	3.1	31	2.8
Diabetes Mellitus, 250	1,173	28.3	699	23.0	474	43.2
Nutritional Deficiencies, 260-269	58	1.4	46	1.5	12	1.1
Anemias, 280-285	98	2.4	66	2.2	32	2.9
Alcoholism, 303	97	2.3	57	1.9	40	3.6
Meningitis, 320-322	11	0.3	5	0.2	6	0.5
Alzheimer's Disease, 331.0	459	11.1	407	13.4	52	4.7
Major Cardiovascular Diseases, 390-448	17,313	418.0	13,255	435.3	4,058	370.1
Diseases of the Heart, 390-398, 402, 404-429	13,522	326.5	10,493	344.6	3,029	276.3
Rheumatic Fever and Rheumatic Heart Disease, 390-398	66	1.6	55	1.8	11	1.0
Hypertensive Heart Disease or Heart and Renal Disease, 402, 404	490	11.8	251	8.2	239	21.8
Ischemic Heart Disease, 410-414	6,569	158.6	5,247	172.3	1,322	120.6
All Other Diseases of the Heart	6,397	154.5	4,940	162.2	1,457	132.9
Hypertension With or Without Renal Disease, 401, 403	207	5.0	101	3.3	106	9.7
Cerebrovascular Diseases, 430-438	2,922	70.6	2,150	70.6	772	70.4
Atherosclerosis, 440	210	5.1	147	4.8	63	5.7
Other Diseases of Arteries, Arterioles and Capillaries, 441-448	452	10.9	364	12.0	88	8.0
Acute Bronchitis and Bronchiolitis, 466	12	0.3	8	0.3	4	0.4
Pneumonia, 480-486	1,447	34.9	1,166	38.3	281	25.6
Influenza, 487	8	0.2	8	0.3	0	0.0
Chronic Obstructive Pulmonary Diseases and Allied Conditions, 490-496	1,858	44.9	1,604	52.7	254	23.2
Bronchitis, 490-491	51	1.2	45	1.5	6	0.5
Emphysema, 492	247	6.0	213	7.0	34	3.1
Asthma, 493	72	1.7	39	1.3	33	3.0
Other Conditions, 494-496	1,488	35.9	1,307	42.9	181	16.5
Ulcer of Stomach and Duodenum, 531-533	59	1.4	44	1.4	15	1.4
Appendicitis, 540-543	6	0.1	6	0.2	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 560-563, 560	128	3.1	94	3.1	34	3.1
Chronic Liver Disease and Cirrhosis, 571	398	9.6	307	10.1	91	8.3
Cholelithiasis and Other Disorders of Gallbladder, 574-575	53	1.3	38	1.2	15	1.4
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	656	15.8	439	14.4	217	19.8
Infections of Kidney, 590	24	0.6	18	0.6	6	0.5
Hyperplasia of Prostate, 600	1	0.0	1	0.0	0	0.0
Complications of Pregnancy, Childbirth and Puerperium, 630-676	5	0.1	2	0.1	3	0.3
Arthropathies and Related Disorders, 710-719	121	2.9	86	2.8	35	3.2
Rheumatism, 725-729	23	0.6	14	0.5	9	0.8
Congenital Anomalies, 740-759	209	5.0	145	4.8	64	5.8
Certain Conditions Originating in the Perinatal Period, 760-779	289	7.0	131	4.3	158	14.4
Symptoms, Signs and Ill-Defined Conditions, 780-799	1,161	28.0	772	25.4	389	35.5
Sudden Infant Death Syndrome, 798.0	66	1.6	38	1.2	28	2.6
Accidents and Adverse Effects, E800-E949	2,313	55.9	1,749	57.4	564	51.4
Motor Vehicle Accidents, E810-E825	1,262	30.5	974	32.0	288	26.3
All Other Accidents	1,051	25.4	775	25.5	276	25.2
Suicide, E950-E959	531	12.8	456	15.0	75	6.8
Homicide and Legal Intervention, E960-E978	535	12.9	182	6.0	353	32.2
All Other Causes, Residual	3,516	84.9	2,617	85.9	899	82.0

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, 1997

CAUSE OF DEATH	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	43,208	10.4	21,843	11.0	21,365	9.9
Shigellosis and Amebiasis, 004, 006	0	0.0	0	0.0	0	0.0
Certain Other Intestinal Infections, 007-009	11	0.3	8	0.4	3	0.1
Tuberculosis, All Forms, 010-018	23	0.6	13	0.7	10	0.5
Tuberculosis of Respiratory System, 010-012	16	0.4	11	0.6	5	0.2
Whooping Cough, 033	0	0.0	0	0.0	0	0.0
Streptococcal Sore Throat, Scarlatina, and Erysipelas, 034-035	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	4	0.1	1	0.1	3	0.1
Septicemia, 038	530	12.8	217	10.9	313	14.5
Human Immunodeficiency Virus Infection, 042-044	199	4.8	150	7.6	49	2.3
Acute Poliomyelitis, 045	0	0.0	0	0.0	0	0.0
Measles, 065	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	56	1.4	28	1.4	28	1.3
Syphilis, 090-097	2	0.0	1	0.1	1	0.0
Other Infective and Parasitic Diseases, Remainder of 000-139	112	2.7	51	2.6	61	2.8
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	9,585	231.4	5,288	266.5	4,297	199.2
Lip, Oral Cavity and Pharynx, 140-149	137	3.3	87	4.4	50	2.3
Digestive Organs and Peritoneum, 150-159	1,997	48.2	1,029	51.8	968	44.9
Respiratory and Intrathoracic Organs, 160-165	2,990	72.2	2,011	101.3	979	45.4
Breast, 174-175	654	15.8	4	0.2	650	30.1
Genitourinary Organs, 179-189	1,450	35.0	888	44.7	562	26.1
Leukemia, 204-208	322	7.8	177	8.9	145	6.7
All Other Sites	2,035	49.1	1,092	55.0	943	43.7
Benign Neoplasms, Carcinoma in Situ and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	124	3.0	59	3.0	65	3.0
Diabetes Mellitus, 250	1,173	28.3	448	22.6	725	33.6
Nutritional Deficiencies, 260-269	58	1.4	19	1.0	39	1.8
Anemias, 280-285	98	2.4	39	2.0	59	2.7
Alcoholism, 303	97	2.3	75	3.8	22	1.0
Meningitis, 320-322	11	0.3	6	0.3	5	0.2
Alzheimer's Disease, 331.0	459	11.1	145	7.3	314	14.6
Major Cardiovascular Diseases, 390-448	17,313	418.0	8,202	413.3	9,111	422.4
Disease of the Heart, 390-398, 402, 404-429	13,522	326.6	6,604	332.8	6,918	320.8
Rheumatic Fever and Rheumatic Heart Disease, 390-398	66	1.6	20	1.0	46	2.1
Hypertensive Heart Disease or Heart and Renal Disease, 402, 404	490	11.8	207	10.4	283	13.1
Ischemic Heart Disease, 410-414	6,569	158.6	3,488	175.8	3,081	142.8
All Other Diseases of the Heart	6,397	154.5	2,889	145.6	3,508	162.6
Hypertension With or Without Renal Disease, 401, 403	207	5.0	87	4.4	120	5.6
Cerebrovascular Diseases 430-438	2,922	70.6	1,152	58.0	1,770	82.1
Atherosclerosis, 440	210	5.1	96	4.8	114	5.3
Other Diseases of Arteries, Arterioles and Capillaries, 441-448	452	10.9	263	13.3	189	8.8
Acute Bronchitis and Bronchiolitis, 466	12	0.3	5	0.3	7	0.3
Pneumonia, 480-486	1,447	34.9	643	32.4	804	37.3
Influenza, 487	8	0.2	2	0.1	6	0.3
Chronic Obstructive Pulmonary Diseases and Allied Conditions, 490-496	1,858	44.9	1,047	52.8	811	37.6
Bronchitis, 490-491	51	1.2	28	1.4	23	1.1
Emphysema, 492	247	6.0	140	7.1	107	5.0
Asthma, 493	72	1.7	27	1.4	45	2.1
Other Conditions, 494-496	1,488	35.9	852	42.9	636	29.5
Ulcer of Stomach and Duodenum, 531-533	59	1.4	23	1.2	36	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	128	3.1	48	2.4	80	3.7
Chronic Liver Disease and Cirrhosis, 571	398	9.6	259	13.1	139	6.4
Cholelithiasis and Other Disorders of Gallbladder, 574-575	53	1.3	20	1.0	33	1.5
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	656	15.8	286	14.4	370	17.2
Infections of Kidney, 590	24	0.6	9	0.5	15	0.7
Hyperplasia of Prostate, 600	1	0.0	1	0.1	0	0.0
Complications of Pregnancy, Childbirth and Puerperium, 630-676	5	0.1	0	0.0	5	0.2
Arthropathies and Related disorders, 710-719	121	2.9	29	1.5	92	4.3
Rheumatism, 725-729	23	0.6	10	0.5	13	0.6
Congenital Anomalies, 740-759	209	5.0	108	5.4	101	4.7
Certain Conditions Originating in the Perinatal Period, 760-779	289	7.0	170	8.6	119	5.5
Symptoms, Signs and Ill-Defined Conditions, 780-799	1,161	28.0	543	27.4	618	28.7
Sudden Infant Death Syndrome, 798.0	66	1.6	43	2.2	23	1.1
Accidents and Adverse Effects, E800-E949	2,313	55.9	1,529	77.0	784	36.3
Motor Vehicle Accidents, E810-E825	1,262	30.5	864	43.5	398	18.5
All Other Accidents	1,051	25.4	665	33.5	386	17.9
Suicide, E950-E959	531	12.8	416	21.0	115	5.3
Homicide and Legal Intervention, E960-E978	535	12.9	411	20.7	124	5.7
All Other causes, Residual	3,516	84.9	1,531	77.1	1,985	92.0

¹Total rate is per 1,000 population. Cause-specific rates are per 100,000 population. See formula in Appendix B. Rates based on small numbers should be used with caution.

TABLE 8
LEADING CAUSES OF DEATH,
CRUDE AND AGE-ADJUSTED DEATH RATES¹ BY RACE AND SEX
ALABAMA, 1997

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	13,522	326.5	159.8	9	Nephritis, Neph. Syn. & Nephrosis	240	15.4	4.7
2	Malignant Neoplasms	9,585	231.4	139.6	10	Septicemia	203	13.0	4.3
3	Cerebrovascular Diseases	2,922	70.6	31.9	11	Chronic Liver Disease and Cirrhosis	106	6.8	3.7
4	Accidents	2,313	55.9	48.6	12	Suicide	98	6.3	5.8
5	Chronic Obst. Pul. Dis. & All. Cond.	1,858	44.9	23.0	13	Atherosclerosis	76	4.9	1.1
6	Pneumonia & Influenza	1,455	35.1	13.8	14	Hypertension	66	4.2	1.2
7	Diabetes Mellitus	1,173	28.3	15.7	15	Congenital Anomalies	66	4.2	4.2
8	Nephritis, Neph. Syn. & Nephrosis	656	15.8	6.9		All Other Causes	2,611		
9	Homicide and Legal Intervention	535	12.9	13.5	RANK	TOTAL BLACK & OTHER	10,838	9.9	7.7
10	Suicide	531	12.8	11.7	1	Diseases of the Heart	3,029	276.3	197.8
11	Septicemia	530	12.8	6.1	2	Malignant Neoplasms	2,273	207.3	169.5
12	Alzheimer's Disease	459	11.1	3.7	3	Cerebrovascular Diseases	772	70.4	51.4
13	Chronic Liver Disease and Cirrhosis	398	9.6	7.3	4	Accidents	564	51.4	48.8
14	Certain Cond. Orig. In the Peri. Period	289	7.0	7.2	5	Diabetes Mellitus	474	43.2	33.4
15	Atherosclerosis	210	5.1	2.2	6	Homicide and Legal Intervention	353	32.2	34.0
	All Other Causes	6,772			7	Pneumonia & Influenza	281	25.6	16.1
RANK	TOTAL WHITE	32,370	10.6	5.3	8	Chronic Obst. Pul. Dis. & All. Cond.	254	23.2	17.7
1	Diseases of the Heart	10,493	344.6	150.1	9	Nephritis, Neph. Syn. & Nephrosis	217	19.8	12.6
2	Malignant Neoplasms	7,312	240.1	132.0	10	Septicemia	172	15.7	10.6
3	Cerebrovascular Diseases	2,150	70.6	26.9	11	Certain Cond. Orig. In the Peri. Period	158	14.4	11.1
4	Accidents	1,749	57.4	49.6	12	Human Immunodeficiency Virus Inf.	146	13.3	14.3
5	Chronic Obst. Pul. Dis. & All. Cond.	1,604	52.7	24.0	13	Hypertension	106	9.7	6.9
6	Pneumonia & Influenza	1,174	38.6	13.2	14	Chronic Liver Disease and Cirrhosis	91	8.3	8.6
7	Diabetes Mellitus	699	23.0	11.3	15	Suicide	75	6.8	7.3
8	Suicide	456	15.0	13.0		All Other Causes	1,873		
9	Nephritis, Neph. Syn. & Nephrosis	439	14.4	5.5	RANK	TOTAL BLACK AND OTHER MALE	5,659	11.1	10.5
10	Alzheimer's Disease	407	13.4	4.1	1	Diseases of the Heart	1,432	284.7	265.7
11	Septicemia	358	11.8	5.0	2	Malignant Neoplasms	1,261	250.7	242.2
12	Chronic Liver Disease and Cirrhosis	307	10.1	7.0	3	Accidents	382	76.0	79.3
13	Homicide and Legal Intervention	182	6.0	5.8	4	Cerebrovascular Diseases	340	67.6	62.6
14	Atherosclerosis	147	4.8	1.7	5	Homicide and Legal Intervention	283	56.3	60.9
15	Congenital Anomalies	145	4.8	4.6	6	Chronic Obst. Pul. Dis. & All. Cond.	158	31.4	27.9
	All Other Causes	4,748			7	Diabetes Mellitus	158	31.4	30.7
RANK	TOTAL WHITE MALE	16,284	11.0	6.9	8	Pneumonia & Influenza	143	28.4	23.6
1	Diseases of the Heart	5,172	349.1	204.2	9	Human Immunodeficiency Virus Inf.	108	21.5	24.0
2	Malignant Neoplasms	4,027	271.8	169.3	10	Certain Cond. Orig. In the Peri. Period	96	19.1	13.4
3	Accidents	1,147	77.4	71.4	11	Nephritis, Neph. Syn. & Nephrosis	87	17.3	14.4
4	Chronic Obst. Pul. Dis. & All. Cond.	889	60.0	33.1	12	Septicemia	62	12.3	11.1
5	Cerebrovascular Diseases	812	54.8	29.1	13	Suicide	58	11.5	12.6
6	Pneumonia & Influenza	502	33.9	16.8	14	Chronic Liver Disease and Cirrhosis	58	11.5	12.8
7	Suicide	358	24.2	20.8	15	Hypertension	52	10.3	9.3
8	Diabetes Mellitus	290	19.6	12.1		All Other Causes	881		
9	Chronic Liver Disease and Cirrhosis	201	13.6	10.4	RANK	TOTAL BLACK AND OTHER FEMALE	5,279	8.9	5.7
10	Nephritis, Neph. Syn. & Nephrosis	199	13.4	6.8	1	Diseases of the Heart	1,597	269.1	150.1
11	Septicemia	155	10.5	5.8	2	Malignant Neoplasms	1,012	170.5	123.2
12	Alzheimer's Disease	129	8.7	3.9	3	Cerebrovascular Diseases	432	72.8	43.9
13	Homicide and Legal Intervention	128	8.6	8.2	4	Diabetes Mellitus	316	53.3	34.7
14	Congenital Anomalies	79	5.3	5.1	5	Accidents	182	30.7	25.1
15	Certain Cond. Orig. In the Peri. Period	74	5.0	5.6	6	Pneumonia & Influenza	138	23.3	11.3
	All Other Causes	2,122			7	Nephritis, Neph. Syn. & Nephrosis	130	21.9	11.2
RANK	TOTAL WHITE FEMALE	16,086	10.3	4.0	8	Septicemia	110	18.5	10.3
1	Diseases of the Heart	5,321	340.3	106.5	9	Chronic Obst. Pul. Dis. & All. Cond.	96	16.2	11.5
2	Malignant Neoplasms	3,285	210.1	105.3	10	Homicide and Legal Intervention	70	11.8	12.0
3	Cerebrovascular Diseases	1,338	85.6	25.1	11	Certain Cond. Orig. In the Peri. Period	62	10.4	8.8
4	Chronic Obst. Pul. Dis. & All. Cond.	715	45.7	18.0	12	Hypertension	54	9.1	5.2
5	Pneumonia & Influenza	672	43.0	10.6	13	Human Immunodeficiency Virus Inf.	38	6.4	6.8
6	Accidents	602	38.5	28.4	14	Atherosclerosis	38	6.4	3.4
7	Diabetes Mellitus	409	26.2	10.7	15	Alzheimer's Disease	36	6.1	2.4
8	Alzheimer's Disease	278	17.8	4.2		All Other Causes	968		

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

TABLE 9
LEADING CAUSES OF DEATH AND DEATH RATES¹
BY RACE AND AGE GROUP
ALABAMA, 1997

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
UNDER 1 YEAR	579	9.5	302	7.7	277	12.7
Disorders Relating to Short Gestation and Unspecified Low Birthweight	110	179.8	46	116.9	64	293.5
Congenital Anomalies	109	178.2	72	182.9	37	169.7
Sudden Infant Death Syndrome	66	107.9	38	96.5	28	128.4
Respiratory Distress Syndrome	37	60.5	15	38.1	22	100.9
Maternal Complications of Pregnancy	27	44.1	12	30.5	15	68.8
1-4 YEARS	110	0.4	60	0.4	50	0.6
Accidents	52	21.3	32	20.3	20	22.9
Congenital Anomalies	8	3.3	5	3.2	3	3.4
Homicide and Legal Intervention	6	2.5	3	1.9	3	3.4
Diseases of the Heart	5	2.0	3	1.9	2	2.3
Malignant Neoplasms	4	1.6	4	2.5	0	0.0
5-14 YEARS	187	0.3	121	0.3	66	0.3
Accidents	88	15.1	63	16.1	25	12.9
Malignant Neoplasms	19	3.3	14	3.6	5	2.6
Homicide and Legal Intervention	14	2.4	6	1.5	8	4.1
Congenital Anomalies	11	1.9	6	1.5	5	2.6
Diseases of the Heart	9	1.5	6	1.5	3	1.6
15-19 YEARS	306	1.0	198	1.0	108	1.1
Accidents	162	54.4	134	68.5	28	27.4
Homicide and Legal Intervention	55	18.5	10	5.1	45	44.1
Suicide	25	8.4	19	9.7	6	5.9
Diseases of the Heart	11	3.7	6	3.1	5	4.9
Malignant Neoplasms	10	3.4	5	2.6	5	4.9
20-24 YEARS	375	1.2	226	1.1	149	1.5
Accidents	173	56.6	142	67.9	31	32.2
Homicide and Legal Intervention	74	24.2	10	4.8	64	66.4
Suicide	39	12.8	26	12.4	13	13.5
Diseases of the Heart	24	7.9	12	5.7	12	12.5
Malignant Neoplasms	14	4.6	9	4.3	5	5.2

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, 1997

CAUSE OF DEATH	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
25-34 YEARS	991	1.7	596	1.4	395	2.8
Accidents	346	60.8	248	58.1	98	68.7
Homicide and Legal Intervention	145	25.5	37	8.7	108	75.7
Suicide	92	16.2	70	16.4	22	15.4
Malignant Neoplasms	91	16.0	63	14.8	28	19.6
Diseases of the Heart	79	13.9	62	14.5	17	11.9
35-44 YEARS	1,869	3.0	1,142	2.5	727	4.5
Accidents	356	56.7	263	56.6	93	57.1
Diseases of the Heart	352	56.1	220	47.3	132	81.1
Malignant Neoplasms	300	47.8	193	41.5	107	65.7
Suicide	117	18.6	105	22.6	12	7.4
Homicide and Legal Intervention	109	17.4	46	9.9	63	38.7
45-64 YEARS	7,812	8.8	5,391	7.6	2,421	13.3
Malignant Neoplasms	2,510	281.7	1,870	264.0	640	350.3
Diseases of the Heart	2,224	249.6	1,538	217.1	686	375.5
Accidents	420	47.1	310	43.8	110	60.2
Cerebrovascular Diseases	388	43.5	208	29.4	180	98.5
Diabetes Mellitus	281	31.5	149	21.0	132	72.3
65-74 YEARS	9,055	29.0	6,898	27.2	2,157	36.4
Malignant Neoplasms	2,834	906.1	2,207	870.3	627	1,059.4
Diseases of the Heart	2,770	885.6	2,145	845.9	625	1,056.0
Chronic Ob. Pulmonary Dis. & Allied Cond.	560	179.0	488	192.4	72	121.7
Cerebrovascular Diseases	538	172.0	363	143.1	175	295.7
Diabetes Millitus	265	84.7	160	63.1	105	177.4
75+ YEARS	21,924	88.4	17,436	87.4	4,488	92.7
Diseases of the Heart	8,022	3,235.4	6,481	3,248.0	1,541	3,183.8
Malignant Neoplasms	3,802	1,533.4	2,946	1,476.4	856	1,768.5
Cerebrovascular Diseases	1,906	768.7	1,539	771.3	367	758.2
Pneumonia and Influenza	1,094	441.2	919	460.6	175	361.6
Chronic Ob. Pulmonary Dis. & Allied Cond.	999	402.9	888	445.0	111	229.3

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, 1997

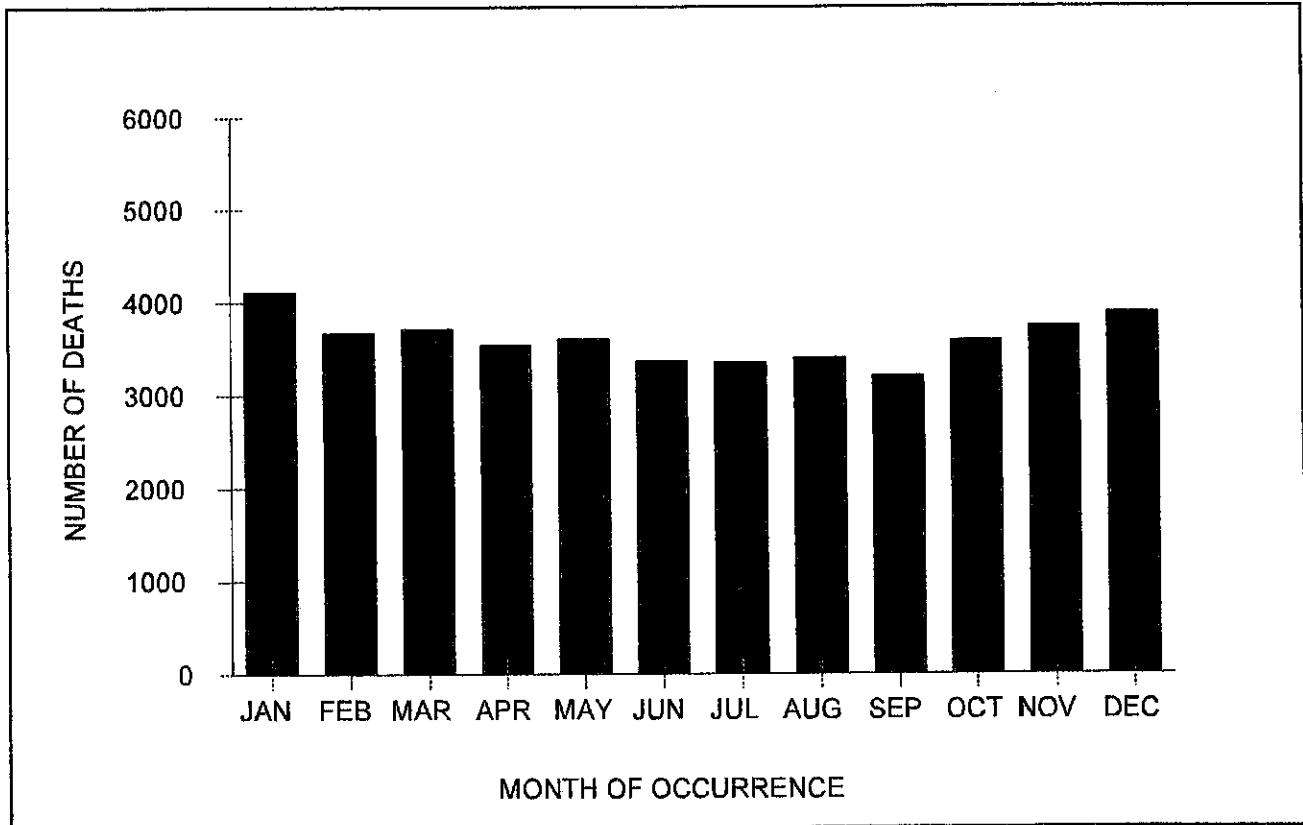
CAUSE OF DEATH	AGE GROUP													NOT STATED
	UNDER 1	1- 4	5- 14	15- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75+				
TOTAL	579	110	187	681	991	1,869	2,962	4,850	9,055	21,924	-			
Diseases of the Heart	26	5	9	35	79	352	799	1,425	2,770	8,022	-			
Malignant Neoplasms	1	4	19	24	91	300	835	1,675	2,834	3,802	-			
Cerebrovascular Diseases	4	1	2	4	15	64	145	243	538	1,906	-			
Accidents	19	52	88	335	346	356	253	167	240	457	-			
Chronic Obst. Pul. Dis. & All. Cond.	2	2	3	3	3	18	64	204	560	999	-			
Pneumonia & Influenza	2	0	2	6	8	15	40	72	216	1,094	-			
Diabetes Mellitus	0	0	4	3	9	36	97	184	265	575	-			
Nephritis, Neph. Syn. & Nephrosis	3	0	1	1	1	11	25	52	115	447	-			
Homicide and Legal Intervention	8	6	14	129	145	109	54	29	18	23	-			
Suicide	0	0	3	64	92	117	85	56	49	65	-			
Septicemia	2	1	2	3	4	15	24	36	113	330	-			
Alzheimer's Disease	0	0	0	0	0	0	0	9	44	406	-			
Chronic Liver Disease and Cirrhosis	0	0	0	1	7	69	86	73	102	60	-			
Certain Cond. Orig. in the Peri. Period	285	3	0	0	0	0	0	0	1	0	-			
Atherosclerosis	0	0	0	0	0	3	1	20	43	143	-			
Congenital Anomalies	109	8	11	3	8	8	12	9	12	29	-			
Hypertension	0	0	0	0	1	13	15	22	34	122	-			
Human Immunodeficiency Virus Inf.	0	1	0	3	68	86	30	6	4	1	-			
Hernia of Abdominal Cavity and Int. Obst.	1	0	0	0	0	1	9	8	20	89	-			
Benign Neoplasms	0	1	1	6	1	3	6	19	26	61	-			
Arthropathies and Related Disorders	0	0	2	1	5	9	9	17	23	55	-			
Alcoholism	0	0	0	0	2	27	37	16	12	3	-			
All Other Causes	117	26	26	60	106	257	336	508	1,016	3,235	-			
TOTAL	5,687	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	-			

**TABLE 11
RESIDENT DEATHS AND DEATH RATES¹
BY MONTH OF OCCURRENCE
ALABAMA, 1995-1997**

MONTH	1997		1996		1995	
	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE
TOTAL	43,208	10.4	42,806	10.4	42,321	10.3
January	4,112	11.7	4,264	12.2	3,731	10.7
February	3,671	11.6	3,658	11.2	3,487	11.1
March	3,719	10.6	3,775	10.8	3,878	11.1
April	3,544	10.4	3,527	10.4	3,417	10.1
May	3,611	10.3	3,508	10.0	3,437	9.8
June	3,367	9.9	3,194	9.4	3,266	9.7
July	3,353	9.5	3,346	9.6	3,471	9.9
August	3,405	9.7	3,324	9.5	3,355	9.6
September	3,209	9.4	3,177	9.4	3,290	9.7
October	3,586	10.2	3,623	10.4	3,470	9.9
November	3,743	11.0	3,476	10.3	3,460	10.2
December	3,888	11.1	3,934	11.3	4,059	11.6

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

**FIGURE 5
RESIDENT DEATHS
BY MONTH OF OCCURRENCE
ALABAMA, 1997**



**TABLE 12
DEATHS AND DEATH RATES¹
BY AGE GROUP
ALABAMA, 1995-1997**

AGE GROUP	1997		1996		1995	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	43,208	10.4	42,806	10.4	42,321	10.3
UNDER 5	689	2.3	761	2.5	737	2.4
5-14	187	0.3	169	0.3	174	0.3
15-24	681	1.1	775	1.3	801	1.3
25-34	991	1.7	1,069	1.9	1,161	2.0
35-44	1,869	3.0	1,902	3.0	1,904	3.1
45-54	2,962	5.7	2,958	5.8	2,797	5.7
55-64	4,850	13.1	4,890	13.4	4,962	13.7
65-74	9,055	29.0	9,172	29.3	9,105	29.1
75+	21,924	88.4	21,110	86.8	20,690	86.6
NOT STATED	0		0		0	

¹Rate 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, 1997**

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	43,208	10.4	32,370	10.6	10,838	9.9
UNDER 1	579	9.5	302	7.7	277	12.7
1-4	110	0.4	60	0.4	50	0.6
5-9	90	0.3	59	0.3	31	0.3
10-14	97	0.3	62	0.3	35	0.4
15-19	306	1.0	198	1.0	108	1.1
20-24	375	1.2	226	1.1	149	1.5
25-29	456	1.6	266	1.3	190	2.7
30-34	535	1.8	330	1.5	205	2.9
35-44	1,869	3.0	1,142	2.5	727	4.5
45-54	2,962	5.7	1,921	4.7	1,041	9.2
55-64	4,850	13.1	3,470	11.6	1,380	19.8
65-74	9,055	29.0	6,898	27.2	2,157	36.4
75+	21,924	88.4	17,436	87.4	4,488	92.7
NOT STATED	0		0		0	

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

TABLE 14
DEATHS TO RESIDENTS OF SELECTED CITIES BY RACE
ALABAMA, 1997

CITY	TOTAL	WHITE	BLACK AND OTHER
ALABASTER	114	96	18
ALBERTVILLE	162	162	0
ALEXANDER CITY	232	190	42
ANDALUSIA	143	115	28
ANNISTON	438	294	144
ATHENS	215	189	26
AUBURN	183	124	59
BESSEMER	519	230	289
BIRMINGHAM	3,191	1,261	1,930
CULLMAN	231	231	0
DAPHNE	86	67	19
DECATUR	501	429	72
DOTHAN	543	389	154
ENTERPRISE	207	162	45
EUFAULA	149	96	53
FAIRFIELD	163	41	122
FLORENCE	455	382	73
FORT PAYNE	174	172	2
GADSDEN	689	537	152
HARTSELLE	115	109	6
HOMEWOOD	219	200	19
HOOVER	308	303	5
HUEYTOWN	195	180	15
HUNTSVILLE	1,384	1,078	306
JACKSONVILLE	108	99	9
JASPER	226	201	25
LEEDS	130	113	17
MADISON	107	85	22
MOBILE	2,332	1,452	880
MONTGOMERY	1,817	1,068	749
MOUNTAIN BROOK	241	240	1
NORTHPORT	240	189	51
OPELIKA	262	159	103
OZARK	202	160	42
PHENIX CITY	358	238	120
PRATTVILLE	191	161	30
PRICHARD	361	78	283
SARALAND	105	94	11
SCOTTSBORO	188	180	8
SELMA	309	133	176
SHEFFIELD	119	88	31
SYLACAUGA	206	163	43
TALLADEGA	243	162	81
TROY	162	103	59
TUSCALOOSA	688	418	270
TUSKEGEE	142	5	137
VESTAVIA HILLS	191	188	3

DISEASES OF THE HEART

Major cardiovascular diseases accounted for over 40 percent of all deaths in Alabama in 1997. The largest component of this disease group, diseases of the heart, was the cause responsible for nearly one-third of the deaths to 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 71 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 1997, the national rate decreased 26.4 percent while Alabama's rate increased 7.4 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 1967. However, for ages 40 to 70, race-sex-age-specific heart disease death rates were much higher for black and other race Alabamians. In fact, the heart disease death rate for black and other race women aged 40-44 was three times higher than for white women of that age.

The 1997 heart disease rate for males (332.8) continued to be higher than that for females (320.8). 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 (422.4 to 413.3) for the fifth consecutive year. The female rate had never been higher than the male rate until 1993.

**TABLE 15
HEART DISEASE DEATHS AND DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1997**

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	10,593	314.4	7,575	314.0	2,988	315.4
1966	371.2	11,353	330.2	8,028	329.4	3,125	332.2
1967	364.5	10,693	314.9	7,823	317.8	2,870	307.3
1968	373.5	11,126	325.9	8,188	329.4	2,938	316.9
1969	367.1	11,183	325.9	8,242	328.3	2,941	319.6
1970	362.0	11,311	328.0	8,404	331.5	2,907	318.2
1971	360.5	11,412	329.2	8,562	333.8	2,850	316.2
1972	363.0	11,346	325.7	8,581	331.3	2,765	309.3
1973	360.8	11,605	331.4	8,696	332.5	2,909	328.1
1974	349.2	11,612	329.9	8,792	333.0	2,820	320.7
1975	336.2	10,967	310.0	8,457	317.3	2,510	287.8
1976	337.2	11,158	313.9	8,498	315.9	2,660	307.6
1977	332.3	11,210	313.8	8,607	317.0	2,603	303.5
1978	334.3	11,326	302.7	8,574	306.6	2,752	291.1
1979	326.5	11,470	302.9	8,668	306.4	2,802	292.6
1980	336.0	11,807	302.6	8,960	311.3	2,847	278.3
1981	328.7	12,010	304.4	9,275	318.5	2,735	264.5
1982	326.0	12,091	302.7	9,220	312.7	2,871	274.4
1983	329.2	12,385	302.5	9,357	308.5	3,028	285.4
1984	323.5	12,695	307.2	9,558	311.9	3,137	293.8
1985	323.0	13,048	312.9	9,774	315.7	3,274	304.9
1986	317.5	12,887	314.2	9,678	320.2	3,209	297.3
1987	312.4	13,093	315.6	9,855	322.4	3,238	296.2
1988	311.3	13,211	314.9	10,017	324.2	3,194	288.8
1989	295.6	13,118	309.3	9,900	317.0	3,218	287.5
1990	289.5	12,893	319.1	9,778	328.6	3,115	292.5
1991	285.9	13,186	323.4	9,931	331.7	3,255	300.7
1992	282.5	12,806	314.6	9,682	322.6	3,124	292.1
1993	288.4	13,549	331.7	10,324	342.9	3,225	300.1
1994	281.3	13,107	319.7	10,104	334.6	3,003	278.1
1995	280.7	13,341	324.3	10,159	335.5	3,182	293.3
1996	276.4	13,466	326.2	10,415	342.9	3,051	279.7
1997	271.6	13,522	326.5	10,493	344.6	3,029	276.3

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

TABLE 16
HEART DISEASE DEATHS AND DEATH RATES¹
BY AGE GROUP, RACE AND SEX
ALABAMA, 1997

AGE GROUP	TOTAL		WHITE				BLACK AND OTHER			
			MALE		FEMALE		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	13,522	326.5	5,172	349.1	5,321	340.3	1,432	284.7	1,597	269.1
UNDER 1	26	42.5	15	74.0	5	26.2	2	18.1	4	37.1
1-4	5	2.0	0	0.0	3	3.9	2	4.5	0	0.0
5-9	5	1.7	1	1.0	2	2.1	1	2.1	1	2.1
10-14	4	1.4	0	0.0	3	3.2	1	2.0	0	0.0
15-19	11	3.7	3	3.0	3	3.2	5	9.8	0	0.0
20-24	24	7.9	7	6.6	5	4.9	8	17.4	4	7.9
25-29	22	7.9	10	9.6	4	3.9	6	19.3	2	5.0
30-34	57	19.6	37	33.4	11	10.1	5	15.9	4	10.0
35-39	137	43.0	68	57.5	27	22.8	27	75.4	15	32.4
40-44	215	69.6	97	85.3	28	24.4	56	157.5	34	75.4
45-49	359	125.6	178	163.3	72	65.0	68	228.2	41	113.2
50-54	440	186.8	225	243.2	65	67.7	105	497.3	45	173.7
55-59	567	289.8	263	345.3	109	132.5	117	732.2	78	368.0
60-64	858	492.8	426	637.6	200	267.3	147	1,094.2	85	446.3
65-69	1,186	716.9	594	973.9	309	422.5	151	1,235.0	132	691.4
70-74	1,584	1,075.2	733	1,436.7	509	743.8	161	1,519.2	181	1,048.1
75+	8,022	3,235.4	2,515	3,658.4	3,966	3,032.3	570	3,551.6	971	3,001.3
NOT STATED	0		0		0		0		0	

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 1997 deaths to Alabama residents. The 9,585 cancer deaths in 1997 were almost two and a half times cancer deaths in 1960, and the rate of 231.4 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 15.7 percent compared to 14.0 percent for males. Liver

cancer had the greatest ten-year rate increase (57.1 percent) among males and bladder cancer was the cancer with the greatest death rate increase (52.6 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. 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 231.4 in 1997.

**TABLE 17
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1997**

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	149.2	3,830	117.1	2,747	120.0	1,083	110.2
1961	149.4	3,909	117.9	2,808	120.7	1,101	111.3
1962	149.9	4,108	122.4	2,936	124.3	1,172	117.7
1963	151.3	4,068	119.7	2,964	123.7	1,104	110.3
1964	151.3	4,280	124.5	3,144	129.3	1,136	112.7
1965	153.5	4,309	128.2	3,154	130.7	1,155	121.9
1966	155.1	4,491	133.0	3,305	135.6	1,186	126.1
1967	157.2	4,686	138.0	3,430	139.3	1,256	134.5
1968	159.8	4,820	141.2	3,536	142.2	1,284	138.5
1969	160.4	4,950	144.3	3,609	143.8	1,341	145.7
1970	162.8	4,943	143.3	3,633	143.3	1,310	143.4
1971	163.6	5,261	151.8	3,826	149.2	1,435	159.2
1972	166.0	5,437	156.1	4,044	156.1	1,393	155.8
1973	167.3	5,499	157.0	4,074	155.8	1,425	160.7
1974	170.5	5,755	163.5	4,293	162.6	1,462	166.2
1975	171.7	5,889	166.5	4,415	165.7	1,474	169.0
1976	175.8	6,046	170.1	4,452	165.5	1,594	184.3
1977	178.7	6,278	175.7	4,619	170.1	1,659	193.4
1978	181.9	6,507	173.9	4,740	169.5	1,767	186.9
1979	179.6	6,512	172.0	4,721	166.9	1,791	187.0
1980	183.9	7,024	180.0	5,197	180.6	1,827	178.6
1981	184.0	7,204	182.6	5,380	184.8	1,824	176.4
1982	187.2	7,343	183.8	5,489	186.1	1,854	177.2
1983	189.3	7,495	183.1	5,578	183.9	1,917	180.7
1984	191.8	7,845	189.8	5,828	190.2	2,017	188.9
1985	193.3	8,011	192.1	5,977	193.0	2,034	189.4
1986	194.7	8,206	200.1	6,177	204.4	2,029	188.0
1987	195.9	8,378	201.9	6,399	209.4	1,979	181.1
1988	197.3	8,502	202.6	6,365	206.0	2,137	193.2
1989	199.9	8,618	203.2	6,527	209.0	2,091	186.8
1990	201.7	8,697	215.2	6,485	217.9	2,212	207.7
1991	204.1	8,844	216.9	6,668	222.7	2,176	201.0
1992	204.1	9,005	221.2	6,761	225.3	2,244	209.8
1993	205.6	9,141	223.8	6,888	228.8	2,253	209.7
1994	205.2	9,442	230.3	7,138	236.4	2,304	213.4
1995	204.9	9,445	229.6	7,226	238.6	2,219	204.5
1996	203.4	9,524	230.7	7,286	239.9	2,238	205.2
1997	201.6	9,585	231.4	7,312	240.1	2,273	207.3

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

**TABLE 18
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹
BY PRIMARY SITE AND SEX
ALABAMA, 1997**

PRIMARY SITE/ICD CODE	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	9,585	231.4	5,288	266.5	4,297	199.2
Bladder, 188	183	4.4	121	6.1	62	2.9
Brain, 191	186	4.5	102	5.1	84	3.9
Breast, 174-175	654	15.8	4	0.2	650	30.1
Bronchus and Lung, 162.2-162.9	2,905	70.1	1,944	98.0	961	44.6
Esophagus, 150	183	4.4	150	7.6	33	1.5
Large Intestine, 153	741	17.9	345	17.4	396	18.4
Leukemia, 204-208	322	7.8	177	8.9	145	6.7
Liver, 155	224	5.4	131	6.6	93	4.3
Lymphoma, 200-202	382	9.2	208	10.5	174	8.1
Ovary, 183.0	233	5.6	0	0.0	233	10.8
Pancreas, 157	475	11.5	215	10.8	260	12.1
Prostate, 185	659	15.9	659	33.2	0	0.0
Rectum, 154.1	68	1.6	39	2.0	29	1.3
Stomach, 151	208	5.0	116	5.8	92	4.3
Uterus, 179-182	171	4.1	0	0.0	171	7.9
Site Not Specified, 199	936	22.6	498	25.1	438	20.3
All Other Sites	1,055	25.5	579	29.2	476	22.1

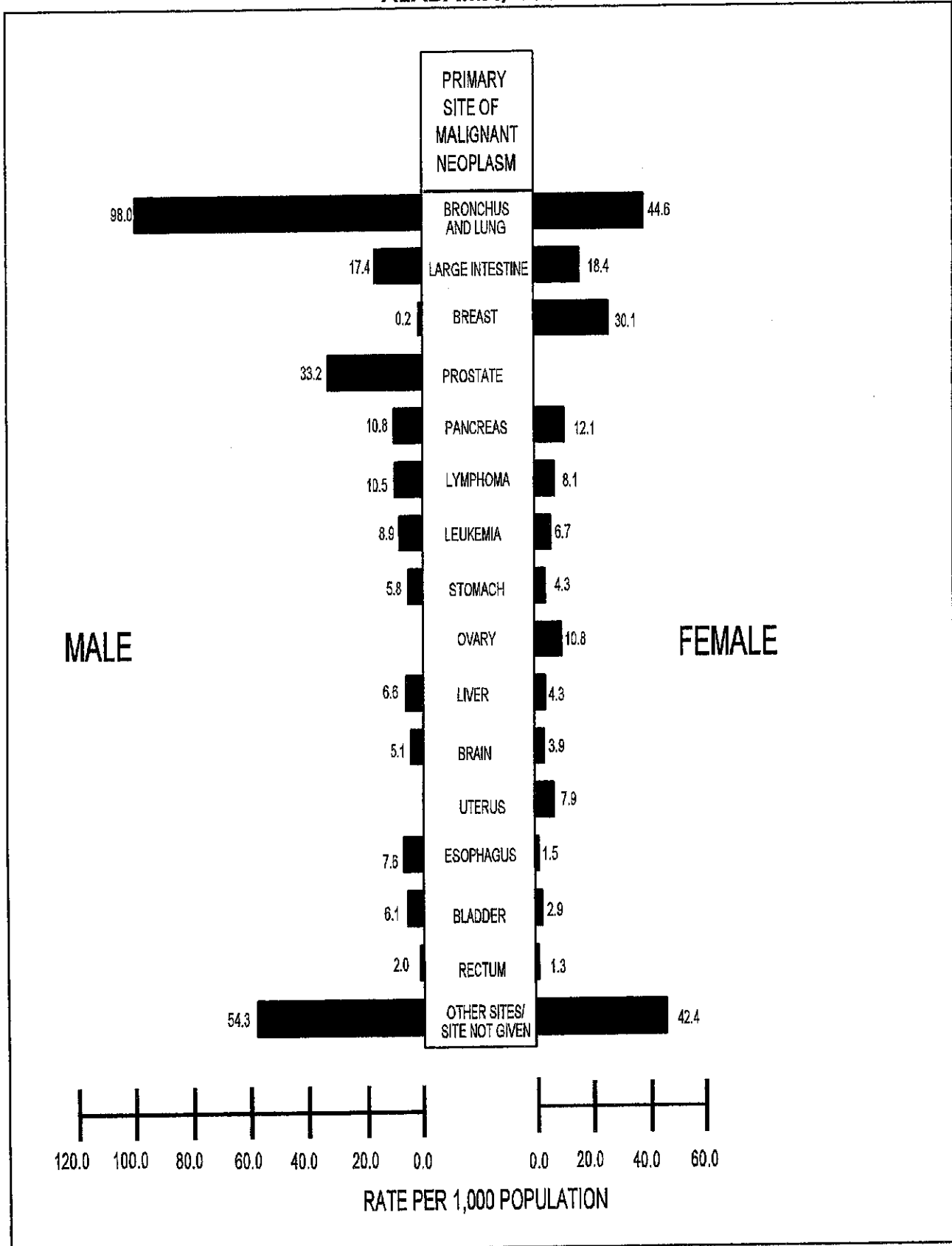
¹Rate is per 100,000 population in specified group. Caution should be exercised in using rates derived from small numbers. See formula in Appendix B.

**TABLE 19
MALIGNANT NEOPLASM DEATHS AND DEATH RATES¹
BY AGE GROUP AND SEX
ALABAMA, 1997**

AGE GROUP	TOTAL		MALE		FEMALE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	9,585	231.4	5,288	266.5	4,297	199.2
UNDER 1	1	1.6	1	3.2	0	0.0
1-4	4	1.6	1	0.8	3	2.5
5-9	12	4.1	7	4.7	5	3.5
10-14	7	2.4	4	2.7	3	2.1
15-19	10	3.4	4	2.6	6	4.1
20-24	14	4.6	5	3.3	9	5.9
25-29	30	10.8	12	8.9	18	12.6
30-34	61	20.9	28	19.7	33	22.1
35-44	300	47.8	138	45.5	162	49.9
45-54	835	160.1	458	181.4	377	140.2
55-64	1,675	453.0	994	576.6	681	345.1
65-74	2,834	906.1	1,635	1212.6	1,199	673.9
75+	3,802	1533.4	2,001	2359.8	1,801	1103.9
NOT STATED	0		0		0	

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
DEATH RATES FROM MALIGNANT NEOPLASMS
BY PRIMARY SITE AND SEX
ALABAMA, 1997



CEREBROVASCULAR DISEASES

Alabama's third leading cause of death, cerebrovascular diseases, is synonymous with "stroke" in many studies. The Alabama death rate for cerebrovascular diseases rose slightly in 1997 from 70.0 to 70.6, but still is about half of the 1970 rate of 133.9. Over 65 percent of all cerebrovascular diseases deaths were to people 75 years or older.

For the last ten years, the white death rate has remained fairly stable, ranging from 63.1 to 68.0. However, for white Alabamians, 1997 was the first year since 1986 that over 70 deaths per 100,000 occurred from cerebrovascular causes.

Historically, black and other race Alabamians have been at higher risk for cerebrovascular diseases, and generally black and other race Alabamians have died at younger ages. In 1997 the median age at death from

cerebrovascular diseases was 71 for black and other males, 77 for black and other females, 78 for white males and 83 for white females. For Alabamians age 20 to 64 who died from stroke, the death rate for black and other males was the highest (44.6 per 100,000 population) followed by black and other race females (33.6), white males (14.3) and white females (12.8).

For the past thirty years, the black and other stroke death rate has been higher than the white rate (49.5 percent higher in 1970, 33.8 percent higher in 1980, and 31.8 percent higher in 1990). This trend changed in 1997 when the black and other rate of 70.4 was slightly lower than the white rate of 70.6. This change was due to continued decreases in the black and other rate together with increases in the white rate.

TABLE 20
CEREBROVASCULAR DISEASES DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1970-1997

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1970	101.9	4,618	133.9	3,001	118.4	1,617	177.0
1971	101.1	4,601	132.7	3,046	118.7	1,555	172.5
1972	102.5	4,713	135.3	3,116	120.3	1,597	178.6
1973	102.1	4,953	141.4	3,293	125.9	1,660	187.2
1974	98.1	4,571	129.9	3,059	115.9	1,512	171.9
1975	91.1	4,241	119.9	2,846	106.8	1,395	160.0
1976	87.9	4,291	120.7	2,839	105.5	1,452	167.9
1977	84.1	4,052	113.4	2,705	99.6	1,347	157.1
1978	80.5	3,835	102.5	2,626	93.9	1,209	127.9
1979	75.5	3,487	92.1	2,409	85.2	1,078	112.6
1980	75.1	3,465	88.8	2,348	81.6	1,117	109.2
1981	71.3	3,462	87.7	2,347	80.6	1,115	107.8
1982	68.1	3,365	84.2	2,292	77.7	1,073	102.6
1983	66.6	3,152	77.0	2,137	70.5	1,015	95.7
1984	65.4	3,241	78.4	2,225	72.6	1,016	95.2
1985	64.3	3,304	79.2	2,283	73.7	1,021	95.1
1986	62.3	3,022	73.7	2,140	70.8	882	81.7
1987	61.8	3,000	72.3	2,065	67.6	935	85.5
1988	61.6	2,939	70.0	2,011	65.1	928	83.9
1989	59.0	2,905	68.5	2,014	64.5	891	79.6
1990	57.9	2,931	72.5	1,992	66.9	939	88.2
1991	56.9	2,829	69.4	1,996	66.7	833	77.0
1992	56.4	2,750	67.6	1,966	65.5	784	73.3
1993	58.2	2,833	69.4	2,034	67.6	799	74.4
1994	58.9	2,636	64.3	1,905	63.1	731	67.7
1995	60.1	2,793	67.9	2,007	66.3	786	72.4
1996	60.3	2,890	70.0	2,066	68.0	824	75.6
1997	59.7	2,922	70.6	2,150	70.6	772	70.4

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

ACCIDENTS

Since 1949 the fourth leading cause of death to Alabama's residents has been accidents. While both the national rate and the Alabama rate have declined since 1960, Alabama's death rate from accidents has exceeded the national rate since 1951.

Accidental deaths increased by 76 deaths in 1997 with a slight rate increase from 54.2 to 55.9. This increase occurred almost totally from white decedents. The white rate increased from 55.2 to 57.4 while the black and other rate remained nearly the same.

Among males, accidental deaths was the third leading cause of death. Accidents was the fifth leading cause of death for black and other race females and the sixth leading cause for white females.

Accidents was the leading cause of deaths for age groups 1 to 44 and the third leading cause of death for those 45 to 64.

The age group with the highest age-specific death rate from accidents was Alabamians aged 75 and older. Motor vehicles caused the greatest number of accidental deaths to children under age 15 (81 deaths). Children under age 15 also suffered 21 drowning deaths, 15 suffocation deaths and 14 deaths due to fire and flames.

Motor vehicle deaths remained the number one category causing 54.6 percent of all accidental deaths. The 1997 motor vehicle death rate of 30.5 was nearly double the 1997 national rate of 16.2. Alabama's motor vehicle fatality rate ranked second highest in the nation in 1996.

Falls was the second leading type of accidental death causing 204 fatalities. The elderly were at higher risk with 82.8 percent of the deaths from falls occurring to those aged 65 and older.

TABLE 21
ACCIDENTAL DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1997

YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK AND OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	52.3	2,029	62.0	1,317	57.5	712	72.4
1961	50.4	2,028	61.2	1,362	58.6	666	67.3
1962	52.3	2,097	62.5	1,372	58.1	725	72.8
1963	53.4	2,204	64.9	1,480	61.8	724	72.3
1964	54.3	2,203	64.1	1,534	63.1	669	66.4
1965	55.7	2,425	72.2	1,699	70.4	726	76.6
1966	58.0	2,437	72.2	1,654	67.9	783	83.2
1967	57.2	2,424	71.4	1,731	70.3	693	74.2
1968	57.5	2,489	72.9	1,778	71.5	711	76.7
1969	57.6	2,524	73.6	1,758	70.0	766	83.2
1970	56.4	2,457	71.2	1,702	67.1	755	82.6
1971	55.0	2,603	74.9	1,817	71.0	786	86.0
1972	55.4	2,528	72.0	1,800	69.5	728	79.3
1973	55.2	2,577	72.7	1,817	69.3	760	82.4
1974	49.5	2,347	65.6	1,677	63.2	670	72.3
1975	48.4	2,204	61.0	1,562	58.2	642	69.0
1976	46.9	2,305	63.1	1,617	59.5	688	73.5
1977	47.7	2,459	66.6	1,746	63.5	713	75.9
1978	48.4	2,480	66.3	1,793	64.1	687	72.7
1979	46.9	2,161	57.1	1,551	54.8	610	63.7
1980	46.7	2,295	58.8	1,596	55.5	699	68.3
1981	43.9	2,160	54.7	1,551	53.3	609	58.9
1982	40.6	1,907	47.7	1,439	48.8	468	44.7
1983	39.5	2,037	49.8	1,473	48.6	564	53.2
1984	39.3	1,958	47.4	1,461	47.7	497	46.6
1985	39.1	1,985	47.6	1,400	45.2	585	54.5
1986	39.5	2,204	53.7	1,623	53.7	581	53.8
1987	39.0	2,169	52.3	1,564	51.2	605	55.4
1988	39.5	2,165	51.6	1,537	49.7	628	56.8
1989	38.3	2,186	52.1	1,581	51.2	605	54.7
1990	37.0	2,299	56.9	1,697	57.0	602	56.5
1991	35.4	2,201	54.0	1,605	53.6	596	55.1
1992	34.0	2,049	50.3	1,508	50.3	541	50.6
1993	35.1	2,143	52.5	1,546	51.4	597	55.6
1994	35.1	2,148	52.4	1,565	51.8	583	54.0
1995	35.5	2,232	54.3	1,620	53.5	612	56.4
1996	35.8	2,237	54.2	1,675	55.2	562	51.5
1997	35.7	2,313	55.9	1,749	57.4	564	51.4

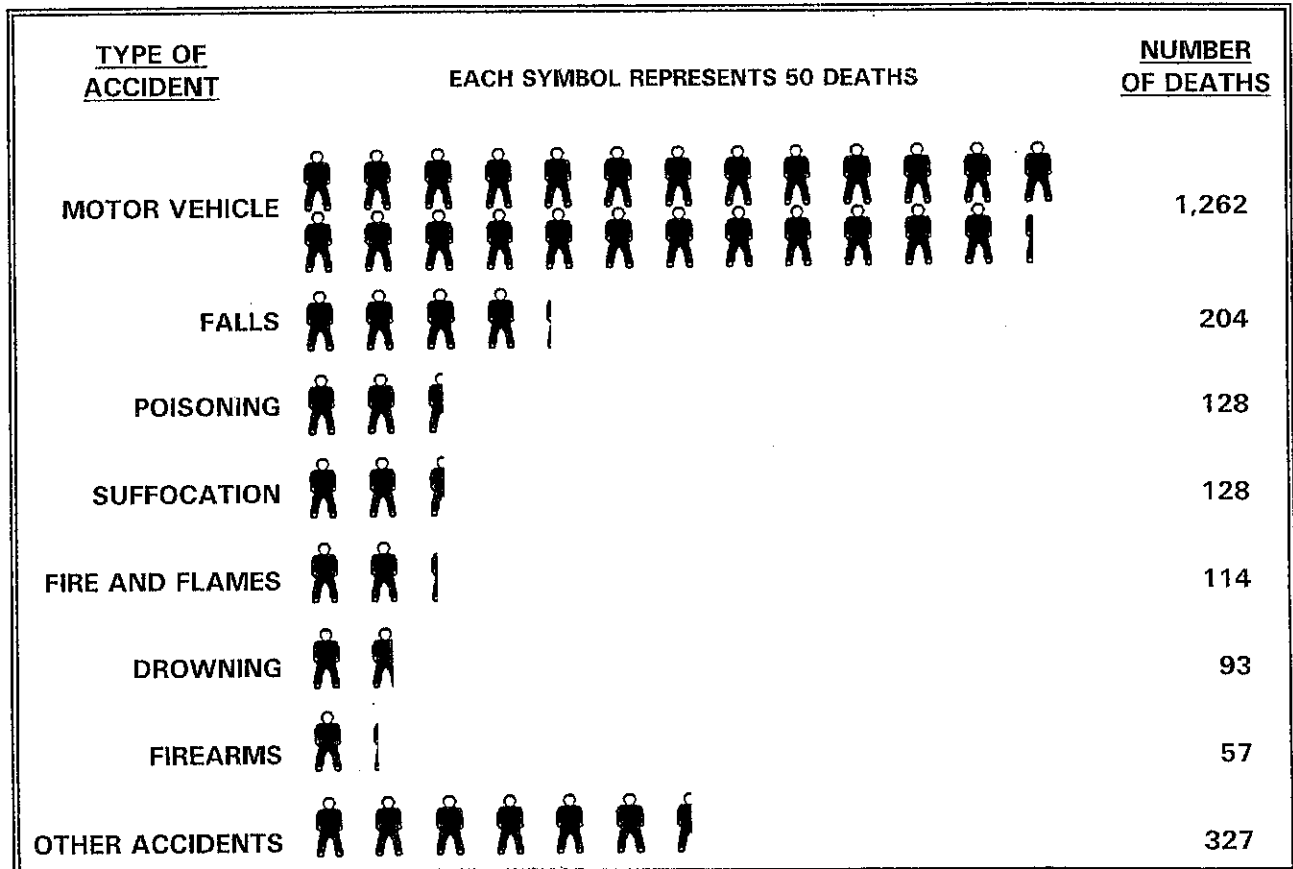
¹Rate is per 100,000 population in specified group. See formula in Appendix B.

**TABLE 22
ACCIDENTAL DEATHS AND DEATH RATES¹
BY AGE GROUP AND RACE
ALABAMA, 1997**

AGE GROUP	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	2,313	55.9	1,749	57.4	564	51.4
UNDER 1	19	31.1	9	22.9	10	45.9
1-4	52	21.3	32	20.3	20	22.9
5-9	39	13.4	29	14.8	10	10.4
10-14	49	16.8	34	17.4	15	15.4
15-19	162	54.4	134	68.5	28	27.4
20-24	173	56.6	142	67.9	31	32.2
25-29	185	66.6	136	65.8	49	68.9
30-34	161	55.2	112	50.9	49	68.4
35-44	356	56.7	263	56.6	93	57.1
45-54	253	48.5	182	44.6	71	62.8
55-64	167	45.2	128	42.7	39	56.0
65-74	240	76.7	180	71.0	60	101.4
75+	457	184.3	368	184.4	89	183.9
NOT STATED	0		0		0	

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 7
LEADING CAUSES OF ACCIDENTAL DEATHS
ALABAMA, 1997**



**TABLE 23
ACCIDENTAL DEATHS BY TYPE OF ACCIDENT AND AGE GROUP
ALABAMA, 1997**

TYPE OF ACCIDENT (ICD 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	2,313	19	52	88	335	346	356	253	167	240	457	0
RAILWAY ACCIDENTS (800-807)	15	0	0	1	1	1	7	4	1	0	0	0
MOTOR VEHICLE (810-825)	1,262	4	24	53	277	240	221	141	74	115	113	0
DROWNING (830, 832, 910)	93	1	9	11	12	20	15	11	4	9	1	0
AIR & SPACE TRANSPORT (840-845)	15	0	0	1	2	5	2	2	2	1	0	0
POISONING (850-869)	128	0	3	2	6	28	45	18	9	3	14	0
FALLS (880-888)	204	0	1	0	3	4	5	10	12	24	145	0
FIRE AND FLAMES (890-899)	114	0	7	7	5	9	13	16	17	17	23	0
BITES & STINGS FROM VENOMOUS INSECTS (905)	1	0	0	0	0	0	0	0	1	0	0	0
EXCESSIVE HEAT (900)	7	0	1	0	1	0	0	1	0	2	2	0
EXCESSIVE COLD (901)	10	0	0	0	0	0	0	1	2	2	5	0
LIGHTNING (907)	0	0	0	0	0	0	0	0	0	0	0	0
CATAclysmic STORMS, AND FLOODS RESULTING FROM STORMS (908)	1	0	0	0	0	0	0	0	0	1	0	0
SUFFOCATION (911-913)	128	11	1	3	4	4	9	12	8	19	57	0
STRUCK BY FALLING OBJECTS, ETC. (916-918)	12	0	0	1	1	1	5	1	0	1	2	0
FIREARMS (922)	57	0	0	4	12	11	10	6	6	6	2	0
ELECTROCUTION (925)	11	0	0	0	1	3	3	3	0	1	0	0
ALL OTHER ACCIDENTS & LATE EFFECTS	255	3	6	5	10	20	21	27	31	39	93	0

TABLE 24
ACCIDENTAL DEATHS BY TYPE AND AGE GROUP
OCCURRENCE DATA
ALABAMA, 1997

	TOTAL	AGE GROUP							NOT STATED
		0-4	5-14	15-24	25-44	45-64	65-74	75+	
GRAND TOTAL	2,290	68	90	330	692	414	240	456	0
WORK TOTAL	37	1	1	2	19	13	1	0	0
Agriculture	5	0	0	0	1	4	0	0	0
Mining, Quarrying, Oil and Gas Wells	1	0	0	0	1	0	0	0	0
Construction	8	0	0	0	6	2	0	0	0
Manufacturing	10	0	0	0	6	4	0	0	0
Transportation and Public Utilities	6	0	0	1	2	2	1	0	0
Trade	2	1	1	0	0	0	0	0	0
Service	3	0	0	0	2	1	0	0	0
Government	2	0	0	1	1	0	0	0	0
Other and Unspecified Industry	0	0	0	0	0	0	0	0	0
HOME TOTAL	243	19	10	10	48	59	38	59	0
Poisoning (Gas Excepted)	24	0	0	2	14	7	1	0	0
Poisoning by Gases and Vapors	5	0	0	1	1	1	0	2	0
Falls	54	1	0	0	2	6	11	34	0
Fires	97	7	7	4	17	31	13	18	0
Drowning	12	4	1	0	2	2	3	0	0
Suffocation, Ingested Food or Object	9	1	0	0	3	2	3	0	0
Suffocation, Mechanical	7	5	0	0	1	1	0	0	0
Firearms	9	0	2	2	2	2	1	0	0
Other & Unspecified Home Accidents	26	1	0	1	6	7	6	5	0
MOTOR VEHICLE TOTAL	1,246	25	54	275	450	207	116	119	0
Injury to Pedestrian	84	4	10	5	29	18	9	9	0
Injury to Pedal Cyclist	8	0	5	3	0	0	0	0	0
Injury to Rider of Animal or Occupant of Animal Drawn Vehicle	0	0	0	0	0	0	0	0	0
Collision with Railroad Train	14	0	4	4	3	3	0	0	0
Collision with Other Motor Vehicle	467	9	20	90	151	85	51	61	0
Collision with Fixed Object	109	1	2	24	53	21	7	1	0
Noncollision	290	5	9	89	127	38	14	8	0
Other and Unspecified Accidents	274	6	4	60	87	42	35	40	0
PUBLIC NON-MOTOR VEHICLE TOTAL	180	8	11	15	53	36	24	33	0
Railroad-Not with Motor Vehicle	12	0	0	2	8	2	0	0	0
Other Vehicle-Not with Motor Vehicle	0	0	0	0	0	0	0	0	0
Water Transport	18	0	1	2	6	2	5	2	0
Air Transport	8	0	0	0	4	2	2	0	0
Falls	8	0	0	1	1	3	1	2	0
Fires	1	0	0	0	0	1	0	0	0
Drowning	49	6	7	7	19	8	1	1	0
Firearms	3	0	1	0	0	1	1	0	0
Other & Unspecified Public Accidents	81	2	2	3	15	17	14	28	0
ACCIDENT TYPE UNKNOWN AND LATE EFFECTS	584	15	14	28	122	99	61	245	0

SUICIDE

The suicide rate has been stable during the 1990s with the rate fluctuating at 13 or 14 deaths per 100,000 population. Suicides decreased from 549 in 1996 to 531 in 1997 with a rate of 12.8. However, race, sex, and age groupings show different trends. White males had the highest suicide rate (24.2); followed by black and other males (11.5); white females (6.3); and black and other females (2.9).

From 1996 to 1997 suicides to black and other race males remained constant with 57 in 1996 compared to 58 in 1997. In addition there were no noteworthy changes in the rates between age groupings. Suicides increased by 7 to black and other race females of varying ages.

In 1997, suicides to white males decreased from 370 to 358 and to white females from 112 to 98. Nearly 30 percent of white female suicide

decedents were aged 30 to 39 in 1997. For this age group, suicides increased from 18 to 30 and the rate increased from 7.8 in 1996 to 13.2 in 1997.

For the male age group 5 to 39, 1997 rates were somewhat comparable between racial groups - 16.6 for white males and a lower rate, 12.6 for black and other race males. However, for those aged 40 and over, there was a dramatic difference between racial groups due to a higher risk for white males (36.8 per 100,000). For men of black and other races of this age group, the rate of 13.6 was similar to that of younger men.

There was no noteworthy change in 1997 in the number of suicides to teenagers. White teen males had the highest rate, 8.9; followed by black and other race males, 5.0; white females, 2.1; and black and other race females, 1.0.

TABLE 25
SUICIDE DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1997

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	549	13.3	482	15.9	67	6.1
1997	11.4	531	12.8	456	15.0	75	6.8

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

TABLE 26
SUICIDE DEATHS BY RACE, SEX, AND AGE GROUP
ALABAMA, 1997

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	531	0	28	85	102	105	71	48	58	34	0
MALE	416	0	23	65	72	84	59	36	47	30	0
FEMALE	115	0	5	20	30	21	12	12	11	4	0
WHITE	456	0	22	60	88	92	65	43	56	30	0
MALE	358	0	18	47	58	74	54	34	47	26	0
FEMALE	98	0	4	13	30	18	11	9	9	4	0
BLACK AND OTHER	75	0	6	25	14	13	6	5	2	4	0
MALE	58	0	5	18	14	10	5	2	0	4	0
FEMALE	17	0	1	7	0	3	1	3	2	0	0

TABLE 27
TEENAGE SUICIDE DEATHS BY RACE AND SEX WITH ANNUAL RATES¹
ALABAMA, 1960-1997

YEAR	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	MALE	FEMALE	MALE	FEMALE
1960	12	1.9	11	1	0	0
1961	5	0.8	3	1	1	0
1962	11	1.7	8	1	2	0
1963	10	1.5	7	2	0	1
1964	14	2.1	10	2	2	0
1965	14	2.1	10	1	2	1
1966	12	1.8	9	1	1	1
1967	19	2.8	14	4	1	0
1968	14	2.0	9	3	0	2
1969	14	2.0	8	3	3	0
1970	12	1.7	8	2	1	1
1971	18	2.5	15	2	1	0
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	0
1976	28	4.0	20	4	2	2
1977	30	4.2	21	7	2	0
1978	28	4.0	19	8	1	0
1979	25	3.5	19	5	1	0
1980	25	3.5	17	5	1	2
1981	24	3.4	19	3	1	1
1982	28	4.0	22	4	2	0
1983	22	3.1	16	3	0	3
1984	25	3.5	14	8	2	1
1985	32	4.5	24	6	2	0
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	0
1990	38	6.1	24	6	5	3
1991	34	5.6	19	5	9	1
1992	43	7.1	24	5	14	0
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
1997	28	4.7	18	4	5	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

For the past four decades homicides in Alabama have averaged 499 per year with the fewest occurring in 1961 (332) and the most occurring in 1980 (614). In 1997 there were 535 homicides for a rate of 12.9 per 100,000 population, the lowest number since 1989. Alabama's homicide rate has exceeded the national rate since the recording of this data. The 1997 national rate was 7.4. As seen in Table 28, for Alabama the white rate decreased from 6.3 to 6.0 and the black and other race rate decreased from 33.9 to 32.2.

While homicides decreased overall and for both racial groups and for both sexes from 1996 to 1997, homicides increased by 19 deaths for Alabamians aged 60 and older. There was a decrease in homicides in 1997 for all other age groups.

Nearly 53 percent of all homicides occurred to black and other race males. An additional

24 percent were to white males and the remaining 23 percent were women (10 percent white and 13 percent black and other race women).

The median age at death for homicide was 40 years for white victims and 29 years for black and other race victims.

Firearms and explosives caused 72.1 percent of all homicides and nearly 80.0 percent of homicides to those under age 30. A higher proportion of homicides were from firearms and explosives for males (77.1 percent) than females (55.6 percent). Cutting and piercing caused 14.2 percent of all homicides, but cutting and piercing caused a smaller percent of homicides to white males (7.0 percent) compared to black and other males (15.9 percent) or to females in general (17.7 percent).

There were 51 homicides in January and 52 in December. The months with the fewest homicides were September with 35 and February with 37.

**TABLE 28
HOMICIDE DEATHS WITH DEATH RATES¹ BY RACE
AND TOTAL UNITED STATES RATES
ALABAMA, 1960-1997**

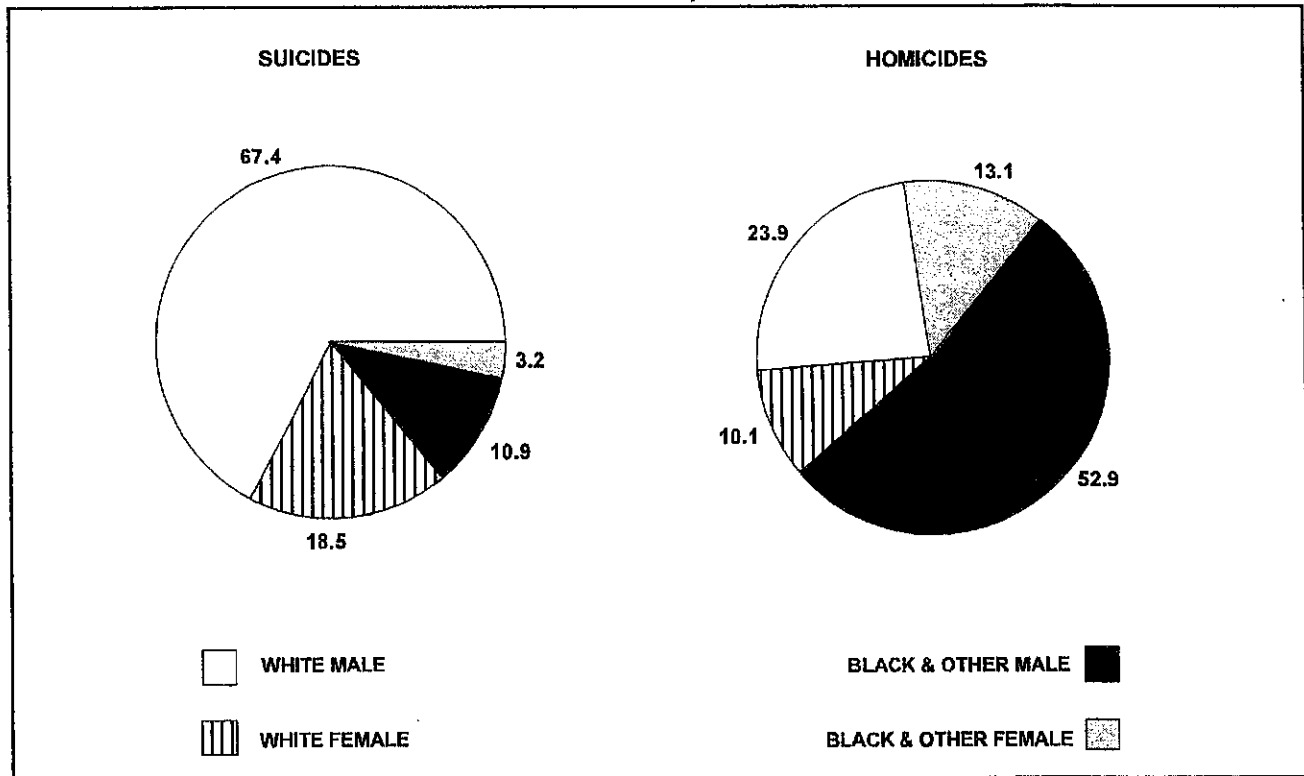
YEAR	U.S. RATE	ALABAMA					
		TOTAL		WHITE		BLACK & OTHER	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1960	4.7	344	10.5	94	4.1	250	25.4
1961	4.7	332	10.0	105	4.5	227	22.9
1962	4.8	370	11.0	128	5.4	242	24.3
1963	4.9	368	10.8	119	5.0	249	24.9
1964	5.1	370	10.8	105	4.3	265	26.7
1965	5.5	420	12.5	118	4.9	302	31.3
1966	5.9	403	11.9	116	4.8	287	30.3
1967	6.8	431	12.7	124	5.0	307	32.9
1968	7.4	465	13.6	146	5.9	319	34.4
1969	7.7	484	14.1	176	7.0	308	33.5
1970	8.3	473	13.7	168	6.6	305	33.4
1971	9.1	526	15.2	188	7.3	338	37.5
1972	9.4	536	15.4	193	7.5	343	38.4
1973	9.8	540	15.4	213	8.1	327	36.9
1974	10.2	593	16.8	214	8.1	379	43.1
1975	10.0	613	17.3	243	9.1	370	42.4
1976	9.1	550	15.5	191	7.1	359	41.5
1977	9.2	546	15.3	203	7.5	343	40.0
1978	9.4	516	13.8	210	7.5	306	32.4
1979	10.0	531	14.0	181	6.4	350	36.5
1980	10.7	614	15.7	260	9.0	354	34.6
1981	10.3	554	14.0	217	7.5	337	32.6
1982	9.6	517	12.9	188	6.4	329	31.4
1983	8.6	423	10.3	165	5.4	258	24.3
1984	8.4	424	10.3	160	5.2	264	24.7
1985	8.3	468	11.2	180	5.8	288	26.8
1986	9.0	465	11.3	186	6.2	279	25.8
1987	8.7	471	11.4	201	6.6	270	24.7
1988	9.0	473	11.3	167	5.4	306	27.7
1989	9.2	512	12.1	195	6.2	317	28.3
1990	10.0	562	13.9	207	7.0	355	33.3
1991	10.5	608	14.9	191	6.4	417	38.5
1992	10.0	570	14.0	191	6.4	379	35.4
1993	10.1	599	14.7	217	7.2	382	35.6
1994	9.6	607	14.8	221	7.3	386	35.8
1995	8.2	588	14.3	207	6.8	381	35.1
1996	7.9	561	13.6	191	6.3	370	33.9
1997	7.4	535	12.9	182	6.0	353	32.2

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

**TABLE 29
HOMICIDE DEATHS BY RACE, SEX, AND AGE GROUP
ALABAMA, 1997**

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	535	21	62	156	120	87	35	22	18	14	0
MALE	411	11	52	128	91	72	24	14	10	9	0
FEMALE	124	10	10	28	29	15	11	8	8	5	0
WHITE	182	12	11	25	46	33	24	15	11	5	0
MALE	128	9	7	18	32	29	16	8	6	3	0
FEMALE	54	3	4	7	14	4	8	7	5	2	0
BLACK AND OTHER	353	9	51	131	74	54	11	7	7	9	0
MALE	283	2	45	110	59	43	8	6	4	6	0
FEMALE	70	7	6	21	15	11	3	1	3	3	0

**FIGURE 8
PERCENT OF SUICIDES AND HOMICIDES BY RACE AND SEX
ALABAMA, 1997**



INFANT MORTALITY

The 1997 infant mortality rate of 9.5 per 1,000 live births was the lowest number and rate ever recorded in Alabama. The national rate reached single digits in 1989 and has decreased another 2.6 points to achieve a low of 7.2 in 1997.

The 55 death decrease consisted of 29 fewer white infant deaths and 26 fewer black and other race infant deaths. The white infant death rate of 7.5 was the same as 1992. The black and other rate, with its decline in 1997, became the lowest rate on record at 13.5.

Infants born in plural deliveries, also at risk for low birthweight, had a mortality rate of 39.5 compared to the infant mortality rate of 8.6 for infants in single deliveries.

The infant mortality rate for infants of mothers who had inadequate prenatal care was 110.6 percent higher than the rate for infants whose mothers had adequate prenatal care.

Disorders relating to short gestation and unspecified low birthweight caused 110 infant deaths. Congenital anomalies was the second leading cause of infant deaths with 109 attributed to this cause. Sudden infant death syndrome (66), and respiratory distress syndrome (37), completed the top four causes which accounted for over half of all infant deaths.

The highest infant mortality rate (14.0) occurred to infants of mothers 18-19 years of age. The rate generally decreased as the mother's age increased until age 40. Infants to mothers aged 40+ had the second highest rate at 13.7.

Barbour, Choctaw, Pickens, Sumter, and Wilcox counties experienced no infant deaths. Lamar, Lowndes and Perry counties all had rates above 20.0. Conecuh County had the highest rate, 31.3.

FIGURE 9
INFANT MORTALITY RATES
ALABAMA AND UNITED STATES, 1940-1997

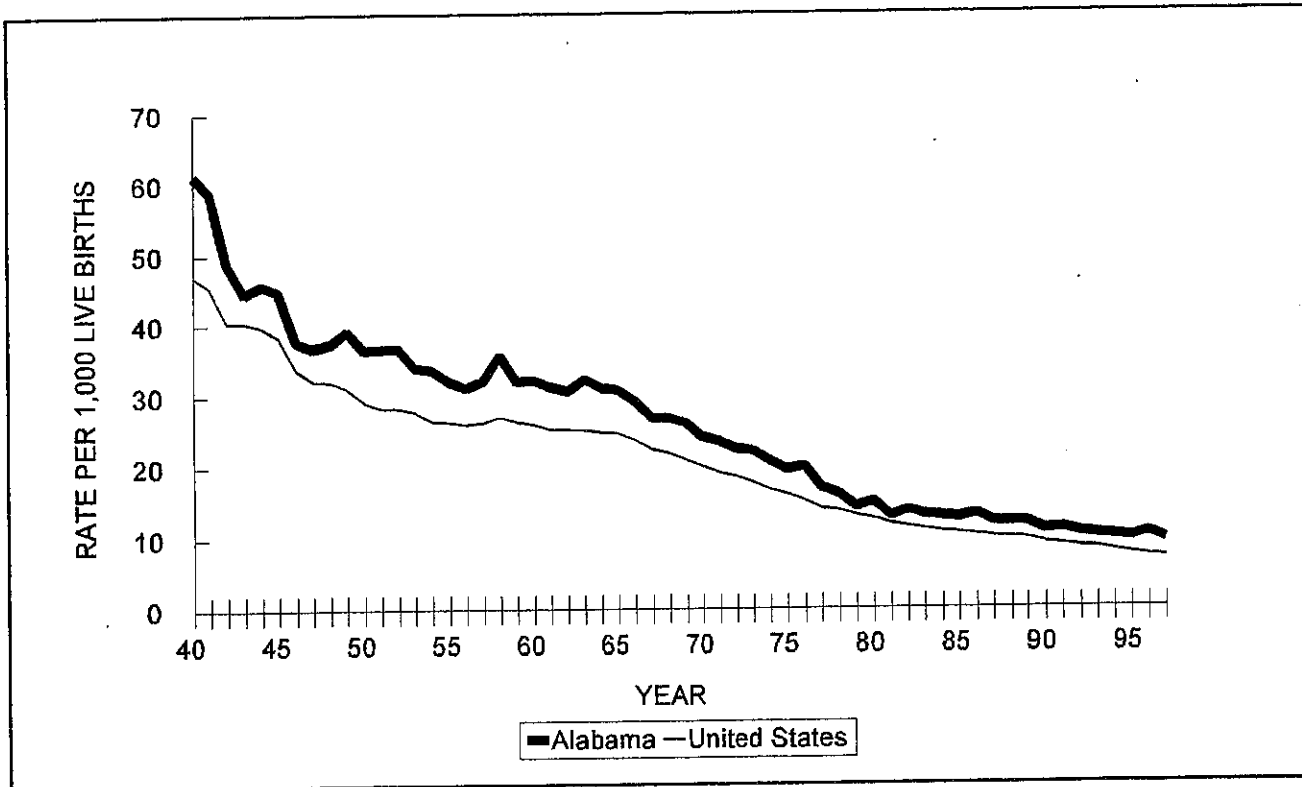


TABLE 30
INFANT DEATHS AND INFANT MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1997

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	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	889	20.4	18.4	803	37.9	32.9
1970	1,628	24.1	20.0	838	18.4	17.8	790	35.8	30.9
1971	1,566	23.5	19.1	797	18.0	17.1	769	34.1	28.5
1972	1,385	22.4	18.5	691	17.2	16.4	694	32.1	27.7
1973	1,313	22.1	17.7	679	17.5	15.8	634	30.7	26.2
1974	1,231	20.7	16.7	648	16.8	14.8	583	28.2	24.9
1975	1,130	19.5	16.1	553	14.7	14.2	577	28.3	24.2
1976	1,156	20.0	15.2	569	15.2	13.3	587	28.7	23.5
1977	1,053	17.0	14.1	538	13.4	12.3	515	23.8	21.7
1978	970	16.1	13.8	466	12.1	12.0	504	23.5	21.1
1979	891	14.3	13.1	448	11.3	11.4	443	19.5	19.8
1980	960	15.1	12.6	472	11.6	11.0	488	21.4	19.1
1981	796	12.9	11.9	404	10.2	10.5	392	18.0	17.8
1982	831	13.8	11.5	400	10.3	10.1	431	20.1	17.3
1983	774	13.1	11.2	397	10.3	9.7	377	18.3	16.8
1984	764	12.9	10.8	368	9.6	9.4	396	19.0	16.1
1985	752	12.6	10.6	405	10.4	9.3	347	16.8	15.8
1986	788	13.3	10.4	374	9.7	8.9	414	19.9	15.7
1987	726	12.2	10.1	338	8.5	8.6	388	18.7	15.4
1988	735	12.1	10.0	365	9.3	8.5	370	17.2	15.0
1989	756	12.1	9.8	375	9.4	8.2	381	17.0	15.2
1990	689	10.9	9.2	338	8.2	7.6	351	15.7	15.5
1991	704	11.2	8.9	330	8.1	7.3	374	16.9	15.1
1992	651	10.5	8.5	303	7.5	6.9	348	15.8	14.4
1993	636	10.3	8.4	314	7.9	6.8	322	14.8	14.1
1994	617	10.1	8.0	275	6.9	6.6	342	16.1	13.5
1995	592	9.8	7.6	282	7.1	6.3	310	15.0	12.6
1996	634	10.5	7.3	331	8.2	6.1	303	14.9	12.2
1997	579	9.5	7.2	302	7.5	6.0	277	13.5	11.8

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.

FIGURE 10
INFANT MORTALITY RATES BY RACE
ALABAMA, 1940-1997

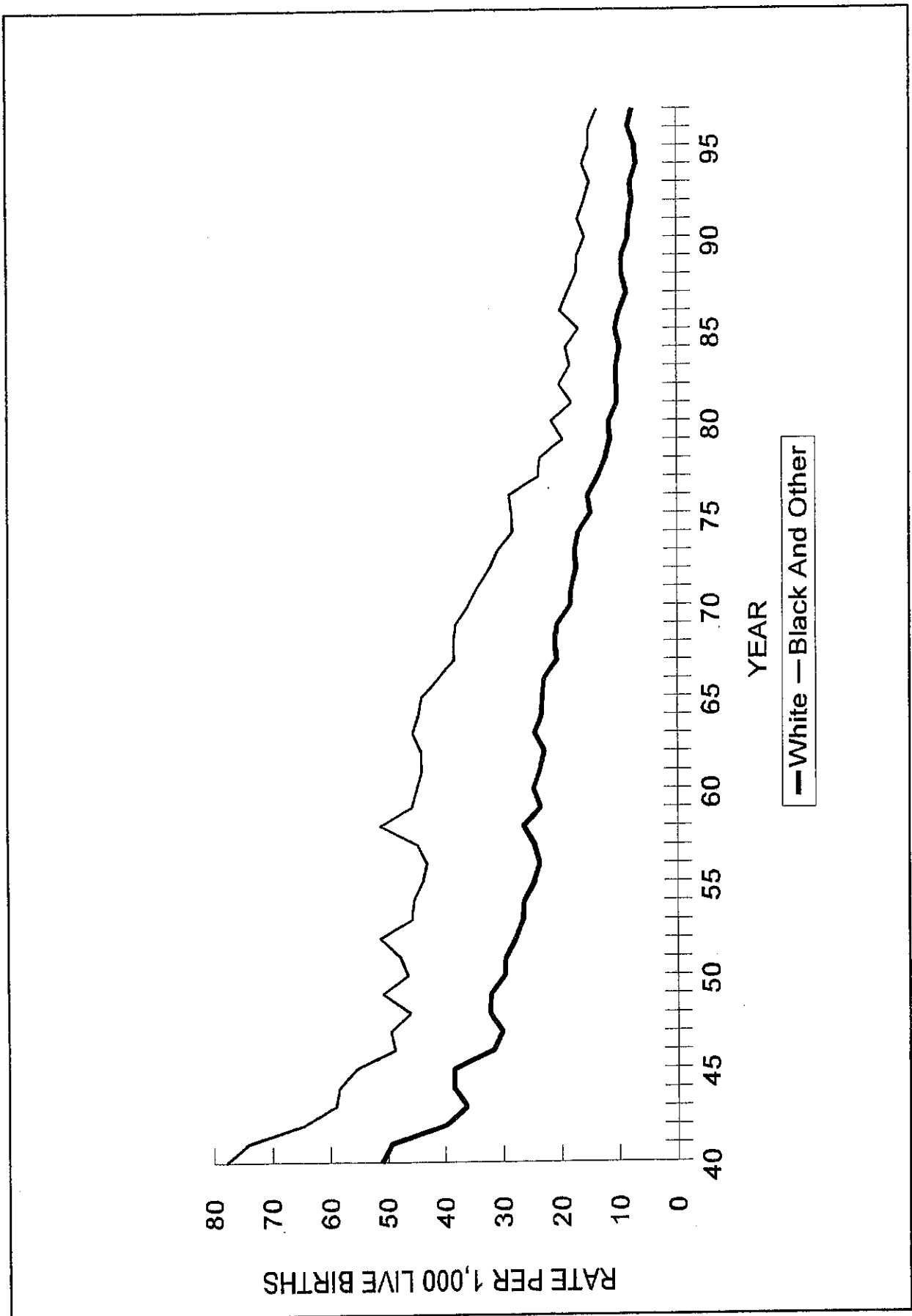


TABLE 31
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY COUNTY OF RESIDENCE AND RACE OF INFANT
ALABAMA, 1997

COUNTY	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	302	7.5	277	13.5
Autauga	3	5.2	2	4.7	1	6.9
Baldwin	25	14.5	20	14.2	5	16.1
Barbour	0	0.0	0	0.0	0	0.0
Bibb	1	3.6	0	0.0	1	16.7
Blount	3	5.1	3	5.2	0	0.0
Bullock	1	5.8	0	0.0	1	7.0
Butler	1	3.4	0	0.0	1	6.0
Calhoun	20	12.6	17	14.1	3	7.9
Chambers	3	6.0	1	3.7	2	8.9
Cherokee	1	3.7	1	4.0	0	0.0
Chilton	2	4.1	1	2.4	1	13.7
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	3	6.1	1	4.4	2	7.6
Clay	2	11.1	1	6.8	1	29.4*
Cleburne	1	6.0	1	6.2	0	0.0
Coffee	8	14.2	6	14.3	2	13.8
Colbert	7	10.2	6	10.7	1	8.0
Conecuh	5	31.3	1	12.8	4	48.8
Coosa	1	6.9	0	0.0	1	16.7
Covington	2	4.0	2	4.9	0	0.0
Crenshaw	3	17.4	2	17.1	1	18.2
Cullman	4	4.5	4	4.5	0	0.0
Dale	7	9.3	5	9.3	2	9.4
Dallas	7	8.3	3	13.8	4	6.4
DeKalb	7	8.9	7	9.2	0	0.0
Elmore	5	5.6	4	6.0	1	4.2
Escambia	8	16.2	4	12.8	4	21.9
Etowah	13	9.9	9	8.5	4	15.9
Fayette	2	9.5	2	11.4	0	0.0
Franklin	6	13.5	5	11.8	1	50.0*
Geneva	1	3.6	1	4.1	0	0.0
Greene	1	6.1	1	100.0*	0	0.0
Hale	1	3.7	0	0.0	1	5.3
Henry	2	10.8	1	9.0	1	13.3
Houston	12	10.4	8	10.2	4	10.8
Jackson	6	9.3	6	9.8	0	0.0
Jefferson	101	10.8	27	5.4	74	16.9
Lamar	4	20.5	4	25.2	0	0.0
Lauderdale	6	5.9	5	5.6	1	7.5
Lawrence	3	7.0	0	0.0	3	47.6
Lee	10	7.2	5	5.3	5	11.1
Limestone	4	4.8	4	5.5	0	0.0
Lowndes	5	22.4	0	0.0	5	28.4
Macon	4	10.8	0	0.0	4	12.0
Madison	21	5.4	12	4.4	9	7.7
Marengo	1	2.9	0	0.0	1	5.1
Marion	5	15.0	5	15.6	0	0.0
Marshall	10	8.3	10	8.5	0	0.0
Mobile	86	13.8	35	10.1	51	18.5
Monroe	3	7.8	0	0.0	3	18.2
Montgomery	36	10.5	8	5.7	28	13.8
Morgan	11	7.4	7	5.5	4	18.4
Perry	4	22.0	0	0.0	4	27.2
Pickens	0	0.0	0	0.0	0	0.0
Pike	4	10.8	2	9.9	2	12.0
Randolph	5	16.9	4	19.7	1	10.8
Russell	8	11.4	6	14.7	2	6.8
St. Clair	5	6.6	3	4.3	2	31.7
Shelby	21	10.1	15	8.0	6	31.9
Sumter	0	0.0	0	0.0	0	0.0
Talladega	8	7.4	4	6.0	4	9.6
Tallapoosa	6	11.0	5	14.7	1	4.9
Tuscaloosa	20	9.4	6	4.6	14	17.1
Walker	9	9.6	7	8.3	2	22.0
Washington	2	8.6	0	0.0	2	23.8
Wilcox	0	0.0	0	0.0	0	0.0
Winston	3	10.2	3	10.4	0	0.0

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 11
INFANT MORTALITY RATES BY COUNTY
ALABAMA, 1997

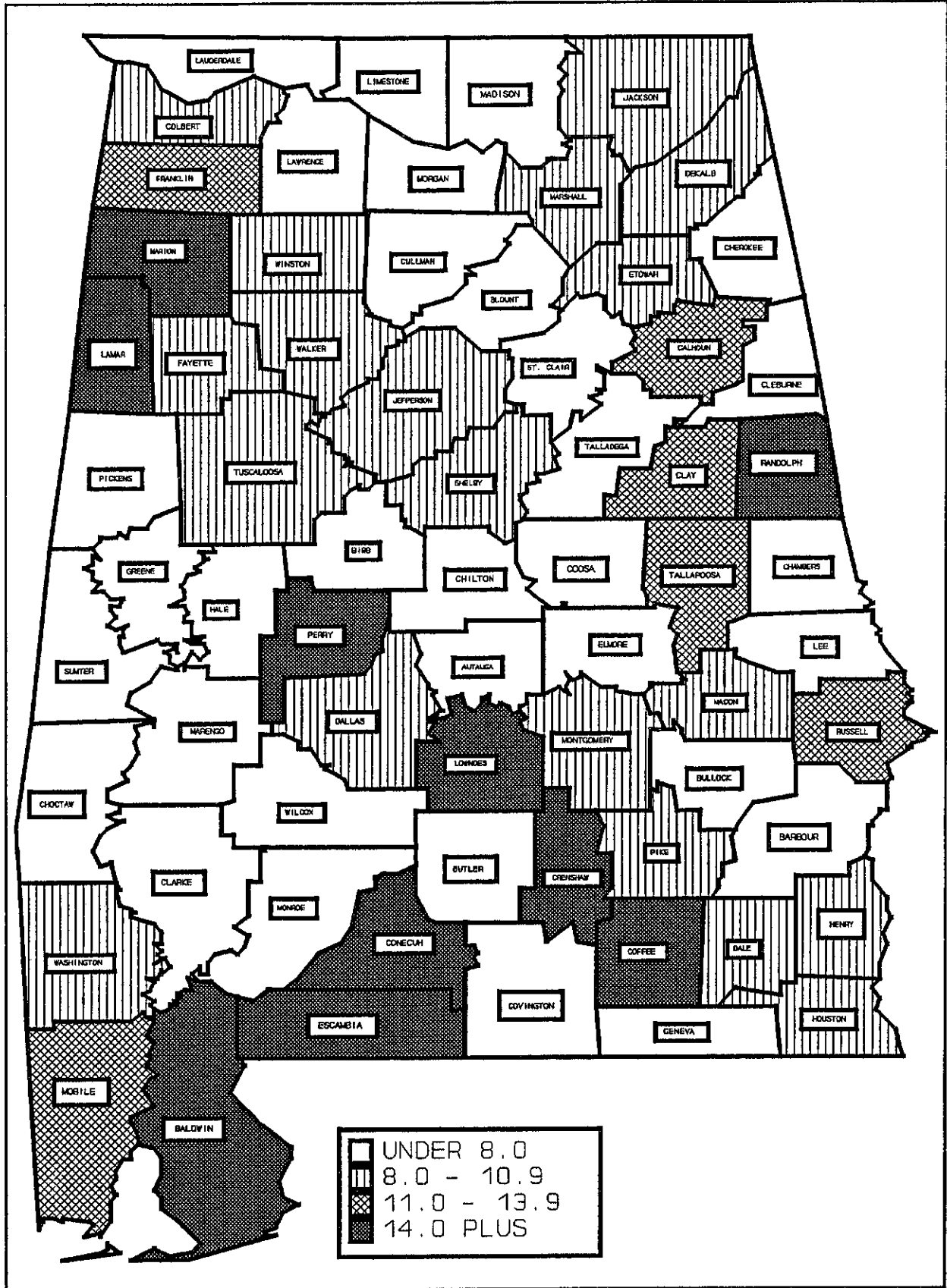


TABLE 32
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE OF INFANT AND CAUSE OF DEATH
ALABAMA, 1997

CAUSES OF DEATH	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	579	9.5	302	7.5	277	13.5
Certain Intestinal Infections, 008-009	3	4.9	3	7.4	0	0.0
Septicemia, 038	2	3.3	1	2.5	1	4.9
Remainder of Infectious and Parasitic Diseases, 001-007, 010-037, 039-049	2	3.3	0	0.0	2	9.8
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1	1.6	1	2.5	0	0.0
Diseases of Blood Forming Organs, 280-289	1	1.6	0	0.0	1	4.9
Meningitis, 320-322	2	3.3	0	0.0	2	9.8
Other Diseases of Nervous System and Sense Organs, 323-389	9	14.8	5	12.4	4	19.5
Major Cardiovascular Diseases, 390-448	31	50.9	21	52.0	10	48.9
Diseases of the Heart, 390-398, 402, 404-429	26	42.7	20	49.5	6	29.3
Other Major Cardiovascular Diseases, 401, 403, 430-438, 440-448	5	8.2	1	2.5	4	19.5
Acute Upper Respiratory Infections, 460-465	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	2	3.3	1	2.5	1	4.9
Remainder of Diseases of Respiratory System, 466-478, 490-519	10	16.4	2	4.9	8	39.1
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis, 535, 555-558	3	4.9	2	4.9	1	4.9
Remainder of Diseases of Digestive System, 520-534, 536-553, 560-579	3	4.9	1	2.5	2	9.8
Congenital Anomalies, 740-759	109	179.0	72	178.1	37	180.8
Anencephalus and Similar Anomalies, 740	3	4.9	2	4.9	1	4.9
Spina Bifida, 741	0	0.0	0	0.0	0	0.0
Congenital Hydrocephalus, 742.3	2	3.3	0	0.0	2	9.8
Other Congenital Anomalies of Central Nervous System and Eye, 742.0-742.2, 742.4-742.9, 743	3	4.9	2	4.9	1	4.9
Congenital Anomalies of Heart, 745-746	34	55.8	20	49.5	14	68.4
Other Congenital Anomalies of Circulatory System, 747	8	13.1	7	17.3	1	4.9
Congenital Anomalies of Respiratory System, 748	18	29.6	12	29.7	6	29.3
Congenital Anomalies of Digestive System, 749-751	2	3.3	1	2.5	1	4.9
Congenital Anomalies of Genitourinary System, 752-753	9	14.8	6	14.8	3	14.7
Congenital Anomalies of Musculoskeletal System, 754-756	8	13.1	5	12.4	3	14.7
Down's Syndrome, 758.0	0	0.0	0	0.0	0	0.0
Other Chromosomal Anomalies, 758.1-758.9	9	14.8	6	14.8	3	14.7
Other and Unspecified Congenital Anomalies, 744, 757, 759	13	21.4	11	27.2	2	9.8
Certain Conditions Originating in the Perinatal Period, 760-779	285	468.1	129	319.2	156	762.2
Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy, 760	3	4.9	1	2.5	2	9.8
Newborn Affected by Maternal Complications of Pregnancy, 761	27	44.3	12	29.7	15	73.3
Newborn Affected by Complications of Placenta, Cord, and Membranes, 762	9	14.8	3	7.4	6	29.3
Newborn Affected by Other Complications of Labor and Delivery, 763	1	1.6	0	0.0	1	4.9
Slow Fetal Growth and Fetal Malnutrition, 764	0	0.0	0	0.0	0	0.0
Disorders Relating to Short Gestation and Unspecified Low Birthweight, 765	110	180.7	46	113.8	64	312.7
Disorders Relating to Long Gestation and High Birthweight, 766	0	0.0	0	0.0	0	0.0
Birth Trauma, 767	3	4.9	1	2.5	2	9.8
Intrauterine Hypoxia and Birth Asphyxia, 768	11	18.1	6	14.8	5	24.4
Fetal Distress in Liveborn Infant, 768.2-768.4	4	6.6	1	2.5	3	14.7
Birth Asphyxia, 768.5-768.9	7	11.5	5	12.4	2	9.8
Respiratory Distress Syndrome, 769	37	60.8	15	37.1	22	107.5
Other Respiratory Conditions of Newborn, 770	31	50.9	21	52.0	10	48.9
Infections Specific to the Perinatal Period, 771	15	24.6	10	24.7	5	24.4
Neonatal Hemorrhage, 772	4	6.6	1	2.5	3	14.7
Other Ill-Defined Conditions Originating in the Perinatal Period, 773-779	34	55.8	13	32.2	21	102.6
Symptoms, Signs, and Ill-Defined Conditions, 780-799	77	126.5	41	101.4	36	175.9
Sudden Infant Death Syndrome, 798.0	66	108.4	38	94.0	28	136.8
Symptoms, Signs, and Other Ill-Defined Conditions, 780-797, 798.1-799	11	18.1	3	7.4	8	39.1
Accidents and Adverse Effects, E800-E949	19	31.2	9	22.3	10	48.9
Motor Vehicle Accidents, E810-E825	4	6.6	1	2.5	3	14.7
Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract or Suffocation, E911-E912	4	6.6	2	4.9	2	9.8
Accidental Mechanical Suffocation, E913	7	11.5	3	7.4	4	19.5
Other Accidental Causes and Adverse Effects, E800-E807, E826-E910, E914-E949	4	6.6	3	7.4	1	4.9
Homicide, E960-E969	8	13.1	4	9.9	4	19.5
Child Battering and Other Maltreatment, E967	2	3.3	1	2.5	1	4.9
Other Homicide, E960-E966, E968-E969	6	9.9	3	7.4	3	14.7
All Other Causes, Residual	12	19.7	10	24.7	2	9.8

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, 1997

COUNTY	UNDER 1 YEAR		UNDER 28 DAYS		UNDER 7 DAYS		UNDER 1 DAY	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	374	6.1	297	4.9	228	3.7
Autauga	3	5.2	0	0.0	0	0.0	0	0.0
Baldwin	25	14.5	16	9.3	12	7.0	12	7.0
Barbour	0	0.0	0	0.0	0	0.0	0	0.0
Bibb	1	3.6	0	0.0	0	0.0	0	0.0
Blount	3	5.1	2	3.4	2	3.4	2	3.4
Bullock	1	5.8	0	0.0	0	0.0	0	0.0
Butler	1	3.4	1	3.4	0	0.0	0	0.0
Calhoun	20	12.6	12	7.6	11	6.9	10	6.3
Chambers	3	6.0	3	6.0	1	2.0	0	0.0
Cherokee	1	3.7	1	3.7	0	0.0	0	0.0
Chilton	2	4.1	1	2.0	1	2.0	1	2.0
Choctaw	0	0.0	0	0.0	0	0.0	0	0.0
Clarke	3	6.1	2	4.1	0	0.0	0	0.0
Clay	2	11.1	2	11.1	2	11.1	0	0.0
Cleburne	1	6.0	1	6.0	0	0.0	0	0.0
Coffee	8	14.2	7	12.4	6	10.6	5	8.8
Colbert	7	10.2	2	2.9	2	2.9	1	1.5
Conecuh	5	31.3	4	25.0	4	25.0	4	25.0
Coosa	1	6.9	1	6.9	0	0.0	0	0.0
Covington	2	4.0	1	2.0	1	2.0	1	2.0
Crenshaw	3	17.4	0	0.0	0	0.0	0	0.0
Cullman	4	4.5	1	1.1	1	1.1	0	0.0
Dale	7	9.3	4	5.3	4	5.3	3	4.0
Dallas	7	8.3	2	2.4	1	1.2	1	1.2
DeKalb	7	8.9	6	7.6	6	7.6	3	3.8
Elmore	5	5.6	4	4.4	4	4.4	4	4.4
Escambia	8	16.2	7	14.1	7	14.1	3	6.1
Etowah	13	9.9	5	3.8	4	3.0	2	1.5
Fayette	2	9.5	2	9.5	0	0.0	0	0.0
Franklin	6	13.5	5	11.3	4	9.0	2	4.5
Geneva	1	3.6	0	0.0	0	0.0	0	0.0
Greene	1	6.1	0	0.0	0	0.0	0	0.0
Hale	1	3.7	0	0.0	0	0.0	0	0.0
Henry	2	10.8	2	10.8	2	10.8	2	10.8
Houston	12	10.4	8	6.9	7	6.0	5	4.3
Jackson	6	9.3	4	6.2	4	6.2	1	1.5
Jefferson	101	10.8	71	7.6	60	6.4	51	5.5
Lamar	4	20.5	4	20.5	3	15.4	2	10.3
Lauderdale	6	5.9	5	4.9	4	3.9	1	1.0
Lawrence	3	7.0	2	4.7	1	2.3	0	0.0
Lee	10	7.2	5	3.6	3	2.1	3	2.1
Limestone	4	4.8	0	0.0	0	0.0	0	0.0
Lowndes	5	22.4	4	17.9	4	17.9	4	17.9
Macon	4	10.8	2	5.4	2	5.4	2	5.4
Madison	21	5.4	14	3.6	8	2.0	5	1.3
Marengo	1	2.9	1	2.9	0	0.0	0	0.0
Marion	5	15.0	2	6.0	2	6.0	2	6.0
Marshall	10	8.3	9	7.5	5	4.1	4	3.3
Mobile	86	13.8	54	8.7	42	6.8	33	5.3
Monroe	3	7.8	1	2.6	1	2.6	0	0.0
Montgomery	36	10.5	24	7.0	19	5.5	15	4.4
Morgan	11	7.4	8	5.4	5	3.4	3	2.0
Perry	4	22.0	2	11.0	2	11.0	2	11.0
Pickens	0	0.0	0	0.0	0	0.0	0	0.0
Pike	4	10.8	4	10.8	4	10.8	4	10.8
Randolph	5	16.9	3	10.1	2	6.8	2	6.8
Russell	8	11.4	3	4.3	2	2.8	2	2.8
St. Clair	5	6.6	3	3.9	2	2.6	2	2.6
Shelby	21	10.1	14	6.8	10	4.8	7	3.4
Sumter	0	0.0	0	0.0	0	0.0	0	0.0
Talladega	8	7.4	5	4.6	4	3.7	4	3.7
Tallapoosa	6	11.0	5	9.2	4	7.4	2	3.7
Tuscaloosa	20	9.4	15	7.1	14	6.6	12	5.6
Walker	9	9.6	6	6.4	6	6.4	3	3.2
Washington	2	8.6	1	4.3	1	4.3	1	4.3
Wilcox	0	0.0	0	0.0	0	0.0	0	0.0
Winston	3	10.2	1	3.4	1	3.4	0	0.0

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. Rates based on small numbers should be used with caution. See formula in Appendix B.

TABLE 34
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE AND AGE AT DEATH
ALABAMA, 1997

AGE AT DEATH	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	302	7.5	277	13.5
UNDER 1 DAY	228	3.7	112	2.8	116	5.7
1 DAY - 6 DAYS	69	1.1	42	1.0	27	1.3
7 DAYS -27 DAYS	77	1.3	39	1.0	38	1.9
28 DAYS - 364 DAYS	205	3.4	109	2.7	96	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, 1997

AGE OF MOTHER	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	302	7.5	277	13.5
UNDER 15	2	7.4	1	17.5	1	4.7
15-17	52	12.9	20	10.5	32	15.1
18-19	90	14.0	56	15.6	34	12.0
20-24	184	10.1	83	7.5	101	14.1
25-29	125	7.6	75	6.1	50	11.8
30-34	80	7.6	45	5.6	35	13.9
35-39	34	7.9	15	4.8	19	16.4
40+	9	13.7	5	11.5	4	18.2
NOT STATED	3		2		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. 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, 1997**

BIRTHWEIGHT IN GRAMS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	302	7.5	277	13.5
0-499 GRAMS	129	902.1	52	852.5	77	939.0
500-999 GRAMS	138	311.5	68	361.7	70	274.5
1000-1499 GRAMS	42	74.7	24	93.4	18	59.0
1500-1999 GRAMS	36	32.7	18	30.4	18	35.5
2000-2499 GRAMS	38	11.2	23	12.1	15	10.0
2500-2999 GRAMS	54	4.8	26	4.1	28	5.6
3000-3499 GRAMS	83	3.7	50	3.4	33	4.2
3500-3999 GRAMS	41	2.6	29	2.4	12	3.0
4000-4499 GRAMS	4	0.9	4	1.1	0	0.0
4500-4999 GRAMS	3	3.9	3	4.8	0	0.0
5000 PLUS GRAMS	1	10.9	0	0.0	1	45.5
UNKNOWN	10	—	5	—	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. Rates which apply to populations with fewer than 50 live births are denoted by an "**".

**FIGURE 12
 INFANT MORTALITY RATES
 BY BIRTH WEIGHT
 ALABAMA, 1997**

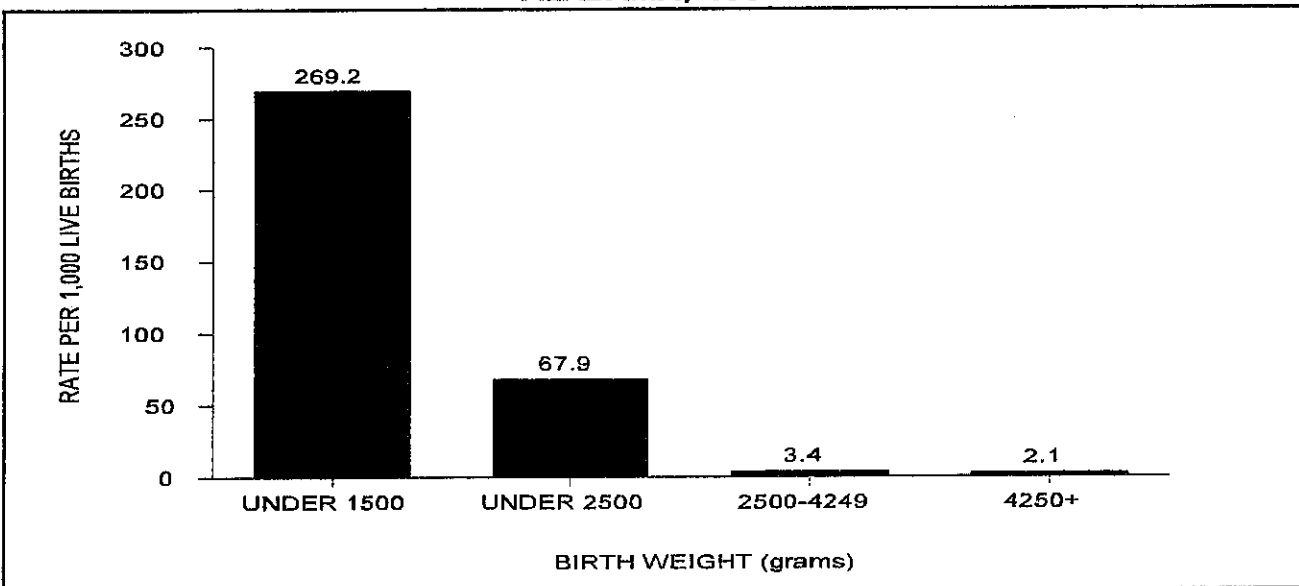


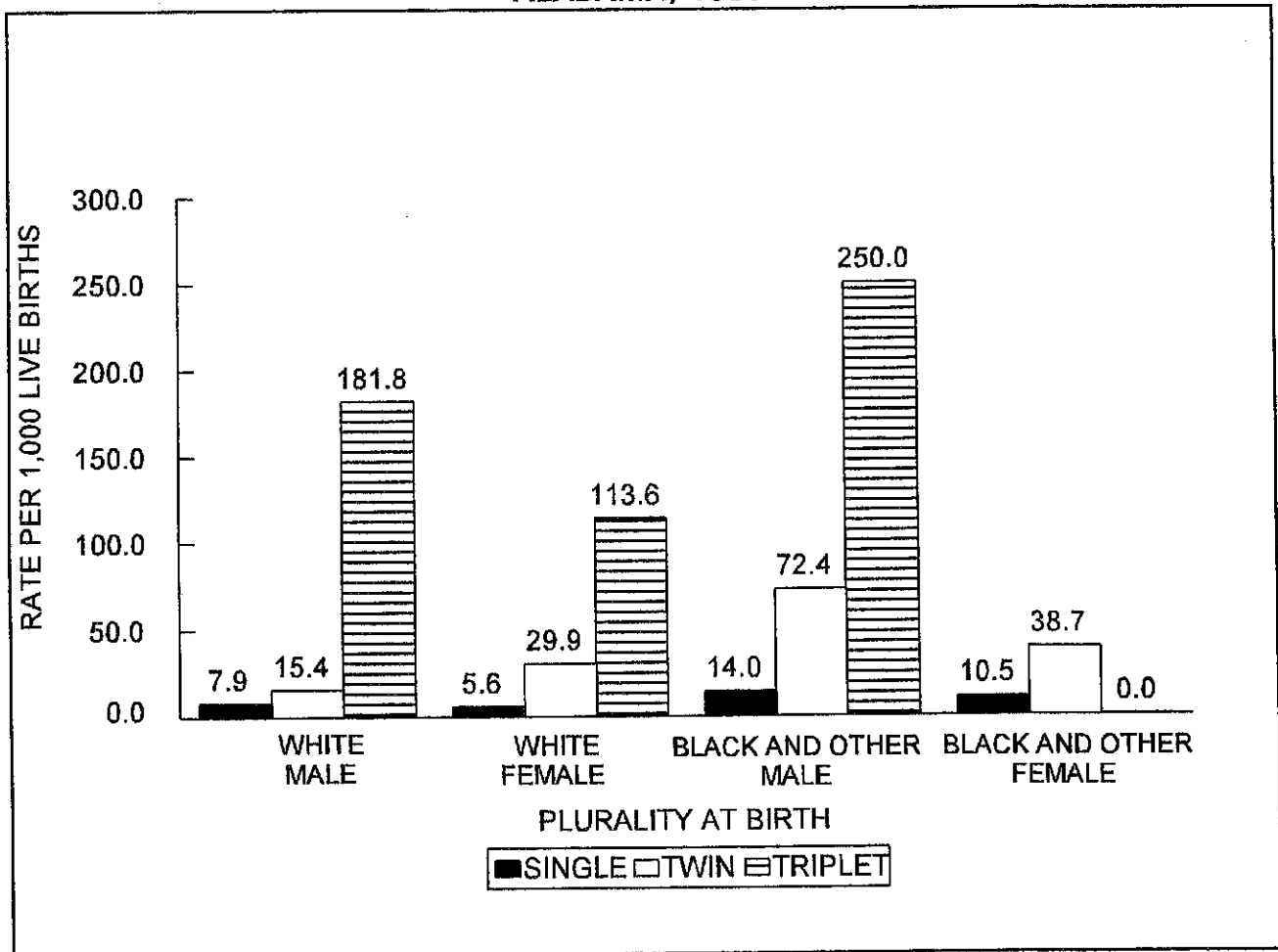
TABLE 37
INFANT DEATHS AND INFANT MORTALITY RATES¹
BY RACE, SEX AND PLURALITY AT BIRTH
ALABAMA, 1997

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	579	9.5	175	8.5	127	6.4	162	15.7	115	11.3
SINGLE	509	8.6	158	7.9	107	5.6	140	14	104	10.5
MULTIPLE	70	39.5	17	26.7	20	36.4	22	74.8	11	38.1
TWINS	56	33.7	9	15.4	15	29.9	21	72.4	11	38.7
TRIPLETS ²	14	144.3	8	181.8	5	113.6	1	250.0	0	0.0

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 13
INFANT MORTALITY RATES BY RACE,
SEX AND PLURALITY AT BIRTH¹
ALABAMA, 1997



¹ 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, 1997

AGE OF MOTHER	TOTAL		MARITAL STATUS				NOT STATED
			MARRIED WOMEN		UNMARRIED WOMEN		
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	
TOTAL	579	9.5	329	8.2	249	12.1	1
UNDER 15	2	7.4	0	0.0	2	7.7	0
15-17	52	12.9	9	12.2	43	13.1	0
18-19	90	14.0	42	18.2	48	11.7	0
20-24	184	10.1	91	8.8	93	11.9	0
25-29	125	7.6	90	6.7	35	11.6	0
30-34	80	7.6	63	6.9	17	12.2	0
35-39	34	7.9	25	6.8	9	14.5	0
40+	9	13.7	8	14.8	1	8.6	0
NOT STATED	3		1		1		1
WHITE²	302	7.5	243	7.2	58	8.5	1
UNDER 15	1	17.5	0	0.0	1	21.3*	0
15-17	20	10.5	9	13.0	11	9.1	0
18-19	56	15.6	37	17.8	19	12.6	0
20-24	83	7.5	69	8.0	14	5.9	0
25-29	75	6.1	68	6.1	7	7.1	0
30-34	45	5.6	41	5.4	4	8.5	0
35-39	15	4.8	14	4.8	1	5.2	0
40+	5	11.5	5	12.6	0	0.0	0
NOT STATED	2		0		1		1
BLACK AND OTHER²	277	13.5	86	12.9	191	13.9	0
UNDER 15	1	4.7	0	0.0	1	4.7	0
15-17	32	15.1	0	0.0	32	15.4	0
18-19	34	12.0	5	21.7	29	11.1	0
20-24	101	14.1	22	12.7	79	14.6	0
25-29	50	11.8	22	10.0	28	13.7	0
30-34	35	13.9	22	13.8	13	14.1	0
35-39	19	16.4	11	15.0	8	18.8	0
40+	4	18.2	3	20.8	1	13.2	0
NOT STATED	1		1		0		0

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, 1997**

LIVE BIRTH ORDER	LIVE BIRTHS	INFANT DEATHS	RATE
TOTAL	60,887	579	9.5
FIRST	26,349	262	9.9
SECOND	20,733	170	8.2
THIRD	9,353	91	9.7
FOURTH	2,890	22	7.6
FIFTH	945	16	16.9
SIXTH	340	6	17.6
SEVENTH & ABOVE	253	8	31.6
NOT STATED	24	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.

**TABLE 40
 INFANT DEATHS AND INFANT MORTALITY RATES¹
 BY NUMBER OF PRENATAL VISITS AND RACE OF INFANT
 ALABAMA, 1997**

PRENATAL VISITS	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	302	7.5	277	13.5
NONE	25	40.3	7	25.7	18	51.7
1-2	18	32.0	3	16.9	15	38.9
3-5	134	55.7	49	56.8	85	55.1
6-7	73	21.7	41	27.4	32	17.1
8-10	137	9.9	77	9.4	60	10.6
11-13	87	4.7	56	4.3	31	5.6
14-16	54	3.2	40	3.1	14	3.6
17+	24	6.0	13	4.2	11	12.6
NOT STATED	27		16		11	

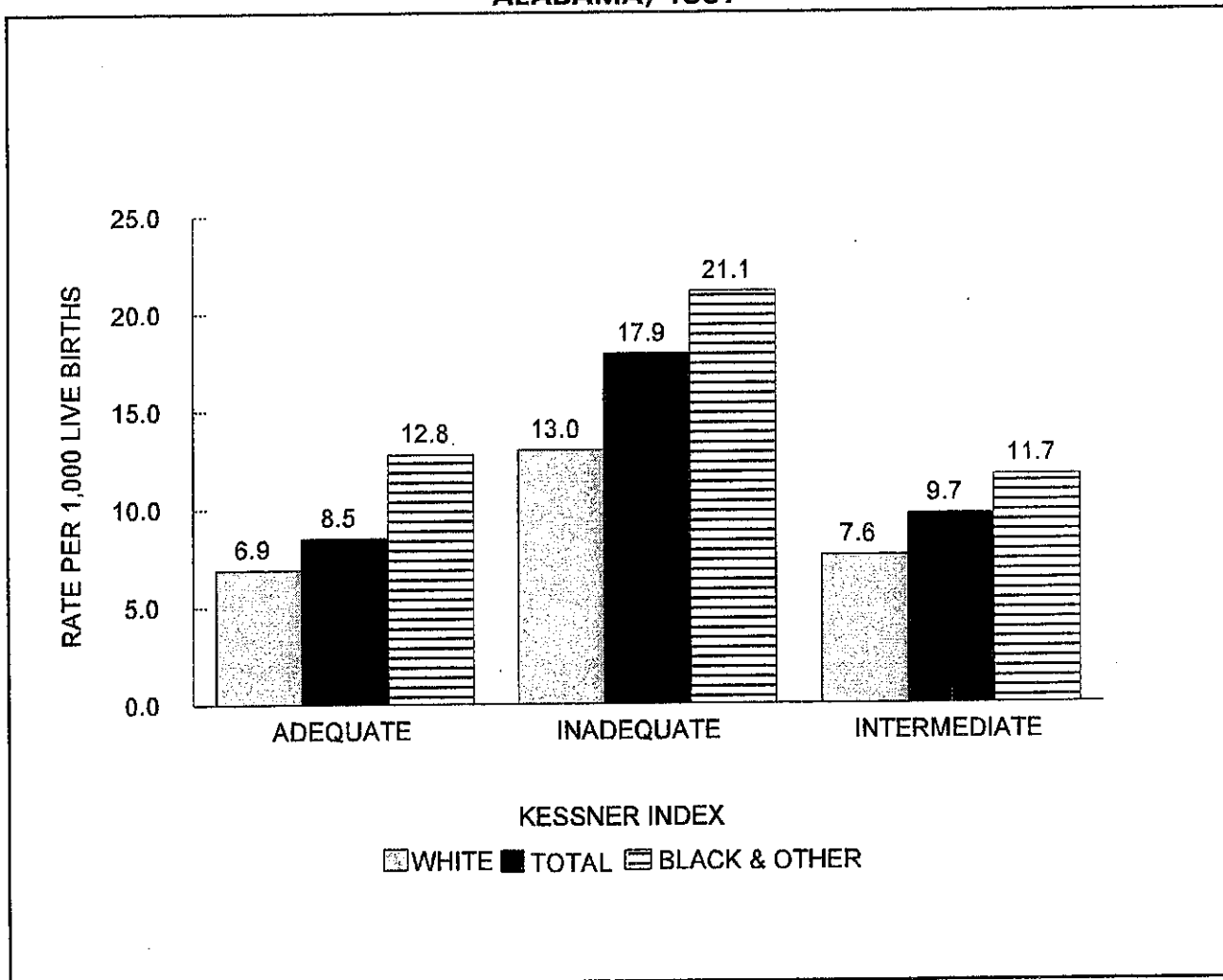
¹Rate is per 1,000 live births in specified group. Deaths are by race of the decedent and live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small figures.

**TABLE 41
 INFANT DEATHS AND INFANT MORTALITY RATES¹
 BY PRENATAL CARE AS DETERMINED BY THE KESSNER INDEX²
 ALABAMA, 1997**

	ADEQUATE	INADEQUATE	INTERMEDIATE
TOTAL DEATHS	392	62	106
RATE	8.5	17.9	9.7
WHITE	231	18	40
RATE	6.9	13.0	7.6
BLACK AND OTHER	161	44	66
RATE	12.8	21.1	11.7

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. 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 14
 INFANT MORTALITY RATES BY PRENATAL CARE
 AS DETERMINED BY THE KESSNER INDEX¹
 ALABAMA, 1997**



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, 1940-1997

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	4.8	206	5.1	4.0	208	10.2	7.9
1997	374	6.1	4.8	193	4.8	4.0	181	8.8	7.7

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.

TABLE 43
POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1997

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	2.5	125	3.1	2.1	95	4.7	4.3
1997	205	3.4	2.5	109	2.7	2.0	96	4.7	4.0

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.

TABLE 44
NEONATAL AND POSTNEONATAL DEATHS AND MORTALITY
RATES¹ BY COUNTY OF RESIDENCE
ALABAMA, 1997

COUNTY	TOTAL		NEONATAL		POSTNEONATAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	579	9.5	374	6.1	205	3.4
Autauga	3	5.2	0	0.0	3	5.2
Baldwin	25	14.5	16	9.3	9	5.2
Barbour	0	0.0	0	0.0	0	0.0
Bibb	1	3.6	0	0.0	1	3.6
Blount	3	5.1	2	3.4	1	1.7
Bullock	1	5.8	0	0.0	1	5.8
Butler	1	3.4	1	3.4	0	0.0
Calhoun	20	12.6	12	7.6	8	5.0
Chambers	3	6.0	3	6.0	0	0.0
Cherokee	1	3.7	1	3.7	0	0.0
Chilton	2	4.1	1	2.0	1	2.0
Choctaw	0	0.0	0	0.0	0	0.0
Clarke	3	6.1	2	4.1	1	2.0
Clay	2	11.1	2	11.1	0	0.0
Cleburne	1	6.0	1	6.0	0	0.0
Coffee	8	14.2	7	12.4	1	1.8
Colbert	7	10.2	2	2.9	5	7.3
Conecuh	5	31.3	4	25.0	1	6.3
Coosa	1	6.9	1	6.9	0	0.0
Covington	2	4.0	1	2.0	1	2.0
Crenshaw	3	17.4	0	0.0	3	17.4
Cullman	4	4.5	1	1.1	3	3.4
Dale	7	9.3	4	5.3	3	4.0
Dallas	7	8.3	2	2.4	5	5.9
DeKalb	7	8.9	6	7.6	1	1.3
Elmore	5	5.6	4	4.4	1	1.1
Escambia	8	16.2	7	14.1	1	2.0
Etowah	13	9.9	5	3.8	8	6.1
Fayette	2	9.5	2	9.5	0	0.0
Franklin	6	13.5	5	11.3	1	2.3
Geneva	1	3.6	0	0.0	1	3.6
Greene	1	6.1	0	0.0	1	6.1
Hale	1	3.7	0	0.0	1	3.7
Henry	2	10.8	2	10.8	0	0.0
Houston	12	10.4	8	6.9	4	3.5
Jackson	6	9.3	4	6.2	2	3.1
Jefferson	101	10.8	71	7.6	30	3.2
Lamar	4	20.5	4	20.5	0	0.0
Lauderdale	6	5.9	5	4.9	1	1.0
Lawrence	3	7.0	2	4.7	1	2.3
Lee	10	7.2	5	3.6	5	3.6
Limestone	4	4.8	0	0.0	4	4.8
Lowndes	5	22.4	4	17.9	1	4.5
Macon	4	10.8	2	5.4	2	5.4
Madison	21	5.4	14	3.6	7	1.8
Marengo	1	2.9	1	2.9	0	0.0
Marion	5	15.0	2	6.0	3	9.0
Marshall	10	8.3	9	7.5	1	0.8
Mobile	86	13.8	54	8.7	32	5.1
Monroe	3	7.8	1	2.6	2	5.2
Montgomery	36	10.5	24	7.0	12	3.5
Morgan	11	7.4	8	5.4	3	2.0
Perry	4	22.0	2	11.0	2	11.0
Pickens	0	0.0	0	0.0	0	0.0
Pike	4	10.8	4	10.8	0	0.0
Randolph	5	16.9	3	10.1	2	6.8
Russell	8	11.4	3	4.3	5	7.1
St. Clair	5	6.6	3	3.9	2	2.6
Shelby	21	10.1	14	6.8	7	3.4
Sumter	0	0.0	0	0.0	0	0.0
Talladega	8	7.4	5	4.6	3	2.8
Tallapoosa	6	11.0	5	9.2	1	1.8
Tuscaloosa	20	9.4	15	7.1	5	2.4
Walker	9	9.6	6	6.4	3	3.2
Washington	2	8.6	1	4.3	1	4.3
Wilcox	0	0.0	0	0.0	0	0.0
Winston	3	10.2	1	3.4	2	6.8

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, 1997

CAUSES OF DEATH	TOTAL		NEONATAL		POSTNEONATAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	579	9.5	374	6.1	205	3.4
Certain Intestinal Infections, 008-009	3	4.9	0	0.0	3	4.9
Septicemia, 038	2	3.3	0	0.0	2	3.3
Remainder of Infectious and Parasitic Diseases, 001-007, 010-037, 039-	2	3.3	1	1.6	1	1.6
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1	1.6	1	1.6	0	0.0
Diseases of Blood Forming Organs, 280-289	1	1.6	0	0.0	1	1.6
Meningitis, 320-322	2	3.3	0	0.0		3.3
Other Diseases of Nervous System and Sense Organs, 323-389	9	14.8	1	1.6	8	13.1
Major Cardiovascular Diseases, 390-448	31	50.9	9	14.8	22	36.1
Diseases of the Heart, 390-398, 402, 404-429	26	42.7	7	11.5	19	31.2
Other Major Cardiovascular Diseases, 401, 403, 430-438, 440-448	5	8.2	2	3.3	3	4.9
Acute Upper Respiratory Infections, 460-465	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	2	3.3	0	0.0	2	3.3
Remainder of Diseases of Respiratory System, 466-478, 490-519	10	16.4	0	0.0	10	16.4
Gastritis, Duodenitis, and Noninfective Enteritis and Colitis, 535, 555-558	3	4.9	0	0.0	3	4.9
Remainder of Diseases of Digestive System, 520-534, 536-553, 560-579	3	4.9	0	0.0	3	4.9
Congenital Anomalies, 740-759	109	179.0	74	121.5	35	57.5
Anencephalus and Similar Anomalies, 740	3	4.9	3	4.9	0	0.0
Spina Bifida, 741	0	0.0	0	0.0	0	0.0
Congenital Hydrocephalus, 742.3	2	3.3	0	0.0	2	3.3
Other Congenital Anomalies of Central Nervous System and Eye, 742.0-742.2, 742.4-742.9, 743	3	4.9	1	1.6	2	3.3
Congenital Anomalies of Heart, 745-746	34	55.8	17	27.9	17	27.9
Other Congenital Anomalies of Circulatory System, 747	8	13.1	4	6.6	4	6.6
Congenital Anomalies of Respiratory System, 748	18	29.6	15	24.6	3	4.9
Congenital Anomalies of Digestive System, 749-751	2	3.3	1	1.6	1	1.6
Congenital Anomalies of Genitourinary System, 752-753	9	14.8	9	14.8	0	0.0
Congenital Anomalies of Musculoskeletal System, 754-756	8	13.1	6	9.9	2	3.3
Down's Syndrome, 758.0	0	0.0	0	0.0	0	0.0
Other Chromosomal Anomalies, 758.1-758.9	9	14.8	7	11.5	2	3.3
Other and Unspecified Congenital Anomalies, 744, 757, 759	13	21.4	11	18.1	2	3.3
Certain Conditions Originating in the Perinatal Period, 760-779	285	468.1	270	443.4	15	24.6
Newborn Affected by Maternal Conditions Which May Be Unrelated to Present Pregnancy, 760	3	4.9	2	3.3	1	1.6
Newborn Affected by Maternal Complications of Pregnancy, 761	27	44.3	27	44.3	0	0.0
Newborn Affected by Complications of Placenta, Cord, and	9	14.8	8	13.1	1	1.6
Newborn Affected by Other Complications of Labor and Delivery, 763	1	1.6	1	1.6	0	0.0
Slow Fetal Growth and Fetal Malnutrition, 764	0	0.0	0	0.0	0	0.0
Disorders Relating to Short Gestation and Unspecified Low Birthweight, Disorders Relating to Long Gestation and High Birthweight, 766	110	180.7	109	179.0	1	1.6
Birth Trauma, 767	3	4.9	3	4.9	0	0.0
Intrauterine Hypoxia and Birth Asphyxia, 768	11	18.1	11	18.1	0	0.0
Fetal Distress in Liveborn Infant, 768.2-768.4	4	6.6	4	6.6	0	0.0
Birth Asphyxia, 768.5-768.9	7	11.5	7	11.5	0	0.0
Respiratory Distress Syndrome, 769	37	60.8	34	55.8	3	4.9
Other Respiratory Conditions of Newborn, 770	31	50.9	23	37.8	8	13.1
Infections Specific to the Perinatal Period, 771	15	24.6	15	24.6	0	0.0
Neonatal Hemorrhage, 772	4	6.6	4	6.6	0	0.0
Other Ill-Defined Conditions Originating in the Perinatal Period, 773-779	34	55.8	33	54.2	1	1.6
Symptoms, Signs, and Ill-Defined Conditions, 780-799	77	126.5	8	13.1	69	113.3
Sudden Infant Death Syndrome, 798.0	66	108.4	3	4.9	63	103.5
Symptoms, Signs, and Other Ill-Defined Conditions, 780-797, 798.1-799	11	18.1	5	8.2	6	9.9
Accidents and Adverse Effects, E800-E949	19	31.2	3	4.9	16	26.3
Motor Vehicle Accidents, E810-E825	4	6.6	0	0.0	4	6.6
Inhalation and Ingestion of Food or Other Objects Causing Obstruction of Respiratory Tract or Suffocation, E911-E912	4	6.6	0	0.0	4	6.6
Accidental Mechanical suffocation, E913	7	11.5	1	1.6	6	9.9
Other Accidental Causes and Adverse Effects, E800-E807, E826-E910, E914-E949	4	6.6	2	3.3	2	3.3
Homicide, E960-E969	8	13.1	1	1.6	7	11.5
Child Battering and Other Maltreatment, E967	2	3.3	0	0.0	2	3.3
Other Homicide, E960-E966, E968-E969	6	9.9	1	1.6	5	8.2
All Other Causes, Residual	12	19.7	6	9.9	6	9.9

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, 1997

COUNTY	TOTAL		WHITE		BLACK & OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	546	8.9	297	7.3	249	12.1
Autauga	2	3.5	1	2.3	1	6.9
Baldwin	18	10.4	16	11.3	2	6.4
Barbour	3	8.5	2	13.2	1	5.0
Bibb	1	3.6	1	4.6	0	0.0
Blount	4	6.7	4	6.9	0	0.0
Bullock	3	17.2	1	34.5*	2	13.8
Butler	1	3.4	1	7.7	0	0.0
Calhoun	19	11.9	15	12.3	4	10.5
Chambers	6	12.0	4	14.5	2	8.8
Cherokee	1	3.7	1	4.0	0	0.0
Chilton	4	8.1	2	4.8	2	27.0
Choctaw	1	5.0	0	0.0	1	10.8
Clarke	6	12.0	4	17.2	2	7.5
Clay	2	11.1	1	6.8	1	29.4*
Cleburne	0	0.0	0	0.0	0	0.0
Coffee	6	10.6	4	9.5	2	13.8
Colbert	5	7.2	5	8.8	0	0.0
Conecuh	5	31.1	2	25.3	3	36.6
Coosa	0	0.0	0	0.0	0	0.0
Covington	2	4.0	2	4.9	0	0.0
Crenshaw	0	0.0	0	0.0	0	0.0
Cullman	9	10.0	9	10.1	0	0.0
Dale	9	11.9	6	11.1	3	14.0
Dallas	3	3.6	0	0.0	3	4.8
DeKalb	9	11.4	7	9.2	2	60.6*
Elmore	7	7.8	6	9.0	1	4.2
Escambia	7	14.1	3	9.6	4	21.9
Etowah	10	7.6	9	8.4	1	4.0
Fayette	0	0.0	0	0.0	0	0.0
Franklin	6	13.5	6	14.1	0	0.0
Geneva	3	10.6	3	12.2	0	0.0
Greene	0	0.0	0	0.0	0	0.0
Hale	1	3.7	0	0.0	1	5.3
Henry	3	16.0	2	17.9	1	13.3
Houston	10	8.6	6	7.6	4	10.7
Jackson	4	6.2	4	6.5	0	0.0
Jefferson	106	11.3	39	7.8	67	15.3
Lamar	3	15.4	3	18.9	0	0.0
Lauderdale	7	6.8	7	7.9	0	0.0
Lawrence	3	6.9	2	5.4	1	15.9
Lee	9	6.4	6	6.3	3	6.6
Limestone	2	2.4	2	2.8	0	0.0
Lowndes	6	26.7	0	0.0	6	33.7
Macon	4	10.8	0	0.0	4	11.9
Madison	16	4.1	10	3.6	6	5.1
Marengo	1	2.9	0	0.0	1	5.0
Marion	2	6.0	2	6.2	0	0.0
Marshall	12	9.9	11	9.3	1	33.3*
Mobile	73	11.7	31	8.9	42	15.1
Monroe	4	10.3	0	0.0	4	23.8
Montgomery	31	9.0	7	5.0	24	11.8
Morgan	11	7.4	5	3.9	6	27.3
Perry	3	16.4	0	0.0	3	20.3
Pickens	2	7.6	0	0.0	2	14.5
Pike	5	13.5	2	9.9	3	17.9
Randolph	2	6.8	2	9.9	0	0.0
Russell	3	4.3	1	2.4	2	6.8
St. Clair	4	5.2	3	4.3	1	15.9
Shelby	14	6.7	9	4.8	5	26.5
Sumter	2	8.2	0	0.0	2	10.5
Talladega	8	7.3	4	5.9	4	9.6
Tallapoosa	8	14.6	5	14.6	3	14.6
Tuscaloosa	20	9.4	8	6.1	12	14.6
Walker	10	10.7	8	9.5	2	21.7
Washington	3	12.8	2	13.3	1	11.9
Wilcox	1	4.8	0	0.0	1	6.0
Winston	1	3.4	1	3.5	0	0.0

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

There were five maternal deaths in Alabama in 1997, the lowest total on record. In addition, for the first time since recording began in 1940, Alabama's 1997 maternal mortality rate was slightly lower than the national rate (0.82 deaths compared to 0.84 deaths per 10,000 live births). This achievement is remarkable because there have been many years when Alabama's rate was more than double the national rate and a few years when the Alabama rate almost tripled.

Overtime, Alabama's maternal mortality rate has been steadily decreasing with substantial decreases in the 1940s and 1950s and gradual

improvements since then.

Three 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 three deaths in age group 25-29 and one each in age groups 15-19 and 30-34.

Complications of pregnancy accounted for two maternal deaths with another death due to complications of labor and/or delivery and two deaths due to complications of the puerperium (post-delivery).

Baldwin, Etowah, Jefferson, Madison, and Marengo County each had one maternal death.

**TABLE 47
MATERNAL DEATHS AND MATERNAL MORTALITY RATES¹
BY RACE AND AGE OF MOTHER
ALABAMA, 1997**

RACE	NUMBER / RATE	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	5 0.8	0	1	0	3	1	0	0	0
WHITE	2 0.5	0	0	0	2	0	0	0	0
BLACK AND OTHER	3 1.5	0	1	0	1	1	0	0	0

¹Rate is per 10,000 live births in specified group. Deaths are by race of the decedent. Live births are by race of the mother. See formula in Appendix B. Caution should be exercised in using rates derived from small numbers. Due to very small numbers, rates were omitted for all age groupings.

**FIGURE 15
MATERNAL MORTALITY RATES
ALABAMA AND UNITED STATES, 1950-1997**

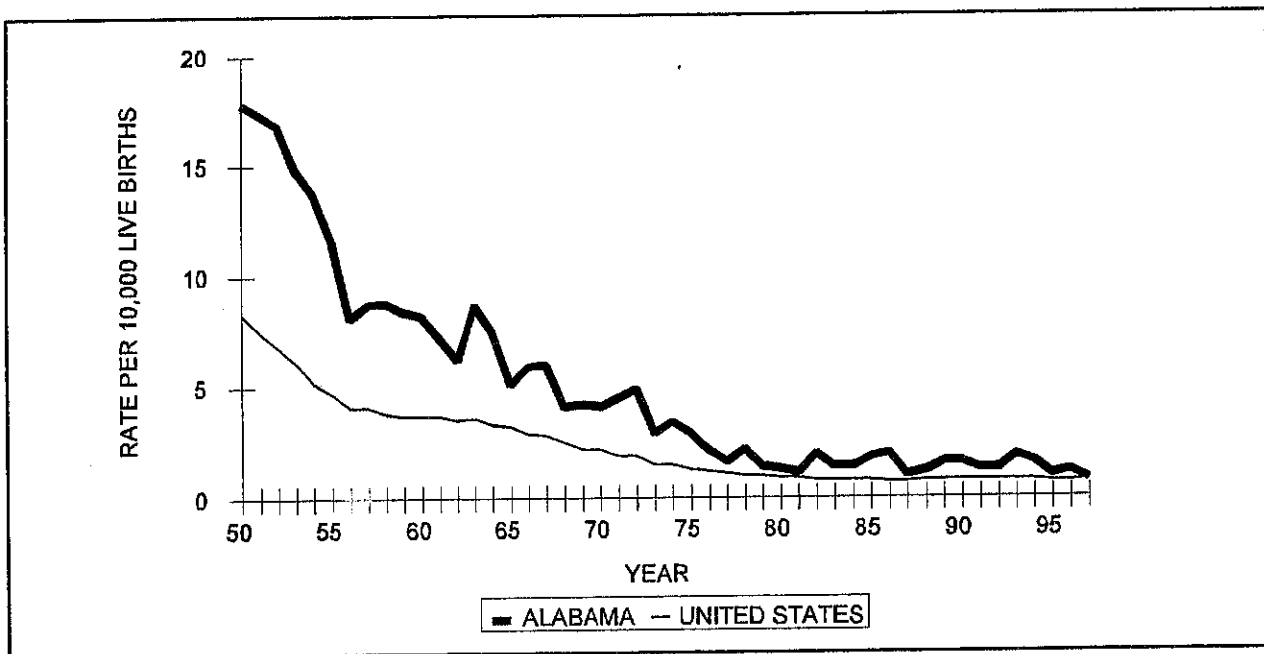


TABLE 48
MATERNAL DEATHS AND MATERNAL MORTALITY RATES¹ BY RACE
ALABAMA AND UNITED STATES, 1940-1997

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	0	0.0	6	2.9
1996	7	1.2	0.7	2	0.5	5	2.5
1997	5	0.8	0.8	2	0.5	3	1.5

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.

TABLE 49
SELECTED CAUSES OF DEATH AND RATES¹ BY COUNTY AND RACE
ALABAMA, 1997

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	327	9.2	268	9.3	59	8.6	1,211	10.8	1,064	10.9	147	10.4
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	4	11.2	2	6.9	2	29.3	20	17.9	17	17.4	3	21.1
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	5	4.5	4	4.1	1	7.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	91	254.7	73	252.6	18	263.6	299	267.0	263	269.0	36	253.8
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	1	7.0
Digestive Organs and Peritoneum, 150-159	24	67.2	18	62.3	6	87.9	75	67.0	65	66.5	10	70.5
Respiratory and Intrathoracic Organs, 160-165	32	89.6	26	90.0	6	87.9	96	85.7	86	87.9	10	70.5
Breast, 174-175	3	8.4	3	10.4	0	0.0	25	22.3	21	21.5	4	28.2
Genitourinary Organs, 179-189	6	16.8	5	17.3	1	14.5	51	45.5	45	46.0	6	42.3
Leukemia, 204-208	3	8.4	3	10.4	0	0.0	6	5.4	5	5.1	1	7.0
All Other Sites, 166-173, 176-178, 190-203	23	64.4	18	62.3	5	73.2	45	40.2	41	41.9	4	28.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	2.8	1	3.5	0	0.0	3	2.7	3	3.1	0	0.0
Diabetes Mellitus, 250	7	19.6	3	10.4	4	58.6	32	28.6	27	27.6	5	35.2
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	6	4.5	5	5.1	0	0.0
Anemias, 280-285	2	5.6	1	3.5	1	14.6	3	2.7	3	3.1	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	4	11.2	3	10.4	1	14.6	11	9.8	10	10.2	1	7.0
Major Cardiovascular Diseases, 390-448	130	363.9	106	366.8	24	351.4	453	404.6	401	410.1	52	366.6
Diseases of Heart, 390-398, 402, 404-429	105	293.9	86	297.6	19	278.2	344	307.2	304	310.9	40	282.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	2.8	1	3.5	0	0.0	1	0.9	1	1.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	2	5.6	1	3.5	1	14.6	24	21.4	19	19.4	5	35.2
Ischemic Heart Disease, 410-414	65	181.9	52	179.9	13	190.4	161	143.8	147	150.3	14	98.7
Other Diseases of Heart, 405, 415-429	67	103.6	32	110.7	5	73.2	158	141.1	137	140.1	21	148.0
Hypertension with or without Renal Disease, 401, 403	0	0.0	0	0.0	0	0.0	8	7.1	6	6.1	2	14.1
Cerebrovascular Disease, 430-438	18	50.4	13	45.0	5	73.2	75	67.0	67	68.5	8	56.4
Diseases of the Arteries, 440-448	7	19.6	7	24.2	0	0.0	26	23.2	24	24.5	2	14.1
Atherosclerosis, 440	1	2.8	1	3.5	0	0.0	12	10.7	10	10.2	2	14.1
Other Diseases of the Arteries, 441-448	6	16.8	6	20.8	0	0.0	14	12.5	14	14.3	0	0.0
Acute Bronchitis and Bronchiolitis, 466	1	2.8	1	3.5	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	5	14.0	5	17.3	0	0.0	33	29.5	30	30.7	3	21.1
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	18	44.2	16	55.4	0	0.0	60	53.6	52	53.2	8	56.4
Bronchitis, Emphysema and Asthma, 490-493	2	5.6	2	6.9	0	0.0	15	13.4	12	12.3	3	21.1
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	14	39.2	14	48.4	0	0.0	45	40.2	40	40.9	5	35.2
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	1	0.9	1	1.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	5.6	1	3.5	1	14.6	6	5.4	3	3.1	3	21.1
Chronic Liver Disease and Cirrhosis, 571	4	11.2	3	10.4	1	14.6	13	11.6	13	13.3	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	4	3.6	3	3.1	1	7.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-588	3	8.4	2	6.9	1	14.6	15	13.4	12	12.3	3	21.1
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, 740-759	0	0.0	0	0.0	0	0.0	1	0.9	1	1.0	0	0.0
Congenital Anomalies, 760-779	0	0.0	0	0.0	0	0.0	6	5.4	5	5.1	1	7.0
Certain Conditions Originating in the Perinatal Period, 760-779	0	0.0	0	0.0	0	0.0	12	10.7	9	9.2	3	21.1
Symptoms and Ill-Defined Conditions, 780-799	17	47.6	14	48.4	3	43.9	58	51.8	47	48.1	11	77.5
Motor Vehicle Accidents, E810-E825	4	11.2	4	13.8	0	0.0	34	30.4	28	28.6	6	42.3
All Other Accidents, E800-E809, E826-E949	13	36.4	12	41.5	1	14.6	23	20.5	16	16.4	7	49.3
Suicide, E950-E959	4	11.2	2	6.9	2	29.3	35	31.3	31	31.7	4	28.2
Homicide and Legal Intervention, E960-E978	9	25.2	9	31.1	0	0.0	13	11.6	13	13.3	0	0.0
All Other Diseases, Residual	1	2.8	1	3.5	0	0.0	9	8.0	6	6.1	3	21.1
TOTAL	26	72.8	23	79.6	3	43.9	115	102.7	108	110.4	7	49.3

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, 1997

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	284	11.1	143	10.0	141	12.3	186	10.8	158	11.5	28	8.1
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	3	11.7	2	14.0	1	8.7	0	0.0	0	0.0	0	0.0
Sepsis, 038	2	7.8	0	0.0	2	17.5	1	5.8	0	0.0	1	29.0
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	62	241.4	33	231.8	29	253.3	32	186.0	27	196.3	5	144.9
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1	3.9	0	0.0	1	8.7	0	0.0	0	0.0	0	0.0
Lip, Oral Cavity and Pharynx, 140-149	14	54.5	9	63.2	5	43.7	5	29.1	5	36.4	0	0.0
Digestive Organs and Peritoneum, 150-159	20	77.9	12	84.3	8	69.9	10	58.1	7	50.9	3	87.0
Respiratory and Intra-thoracic Organs, 160-169	3	11.7	2	14.0	1	8.7	2	11.6	1	7.3	1	29.0
Breast, 174-175	7	27.3	1	7.0	6	52.4	4	23.3	3	21.8	1	29.0
Genitourinary Organs, 179-189	2	7.8	1	7.0	1	8.7	1	5.8	1	7.3	0	0.0
Leukemia, 204-208	15	58.4	8	56.2	7	61.2	10	58.1	10	72.7	0	0.0
All Other Sites, 166-173, 176-178, 190-203	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	11	42.8	3	21.1	8	69.9	6	34.9	5	36.4	1	29.0
Diabetes Mellitus, 250	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nutritional Deficiencies, 260-269	1	3.9	0	0.0	1	8.7	2	11.6	1	7.3	1	29.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	111	432.2	54	379.3	57	497.9	92	534.9	83	603.6	9	260.9
Major Cardiovascular Diseases, 390-448	88	342.6	40	280.9	48	419.3	49	284.9	45	327.2	4	115.9
Diseases of Heart, 390-398, 402, 404-429	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Active Rheumatic Fever and Chronic Rheumatic Heart Disease, 390-398	3	11.7	0	0.0	3	26.2	1	5.8	1	7.3	0	0.0
Hypertension with and without Renal Disease, 401, 403	14	54.5	8	56.2	6	52.4	27	157.0	25	181.8	2	58.0
Ischemic Heart Disease, 410-414	71	276.4	32	224.8	39	340.7	20	116.3	18	130.9	2	58.0
Other Diseases of Heart, 405, 415-429	2	7.8	1	7.0	1	8.7	0	0.0	0	0.0	0	0.0
Hypertension with or without Renal Disease, 401, 403	17	65.2	11	77.3	6	52.4	39	226.7	34	247.3	5	144.9
Cerebrovascular Diseases, 430-438	4	15.6	2	14.0	2	17.5	4	23.3	4	29.1	0	0.0
Diseases of the Arteries, 440-448	2	7.8	2	14.0	0	0.0	1	5.8	1	7.3	0	0.0
Atherosclerosis, 440	2	7.8	0	0.0	2	17.5	3	17.4	3	21.8	0	0.0
Acute Bronchitis and Bronchiolitis, 466	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	14	54.5	12	84.3	2	17.5	5	29.1	5	36.4	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	9	35.0	6	42.1	3	26.2	7	40.7	6	43.6	1	29.0
Bronchitis, Emphysema and Asthma, 490-493	1	3.9	1	7.0	0	0.0	2	11.6	1	7.3	1	29.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	8	31.1	5	35.1	3	26.2	5	29.1	5	36.4	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	5	19.5	2	14.0	3	26.2	2	11.6	2	14.5	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	8	31.1	4	28.1	4	34.9	2	11.6	2	14.5	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	5	19.5	1	7.0	4	34.9	0	0.0	0	0.0	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	16	62.3	4	28.1	12	104.8	21	122.1	15	109.1	6	173.9
Accidents, E800-E949	11	42.8	2	14.0	9	78.6	10	58.1	7	50.9	3	87.0
Motor Vehicle Accidents, E810-E825	5	19.5	2	14.0	3	26.2	11	63.9	8	58.2	3	87.0
All Other Accidents, E800-E809, E826-E949	1	3.9	1	7.0	0	0.0	2	11.6	2	14.5	0	0.0
Suicide, E950-E959	7	27.3	2	14.0	5	43.7	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention, E960-E978	29	112.9	19	133.4	10	87.4	13	75.6	10	72.7	3	87.0
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, 1997

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	436	10.6	432	10.7	4	5.6 ²	139	12.5	38	14.0	101	12.0
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	7	17.0	7	17.3	0	0.0	6	53.8	0	0.0	6	71.0
Human Immunodeficiency Virus Infection, 042-044	2	4.9	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	105	255.4	105	259.9	0	0.0	18	161.3	7	258.2	11	130.2
Lip, Oral Cavity and Pharynx, 140-149	16	4.9	16	5.0	0	0.0	4	35.8	0	0.0	4	47.3
Digestive Organs and Peritoneum, 150-159	39	94.9	39	96.5	0	0.0	2	17.9	2	73.8	0	0.0
Respiratory and Intra-thoracic Organs, 160-165	8	19.5	8	19.8	0	0.0	1	9.0	1	36.9	0	0.0
Breast, 174-175	14	34.1	14	34.7	0	0.0	5	44.8	1	36.9	4	47.3
Genitourinary Organs, 179-189	3	7.3	3	7.4	0	0.0	1	9.0	0	0.0	1	11.8
Leukemia, 204-208	23	55.9	23	56.9	0	0.0	5	44.8	3	110.7	2	23.7
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	4.9	2	5.0	0	0.0	1	9.0	1	36.9	0	0.0
Diabetes Mellitus, 250	5	12.2	5	12.4	0	0.0	10	89.6	2	73.8	8	94.7
Nutritional Deficiencies, 260-269	1	2.4	1	2.5	0	0.0	0	0.0	0	0.0	1	11.8
Anemias, 280-285	0	0.0	0	0.0	0	0.0	1	9.0	0	0.0	0	0.0
Meningitis, 320-322	3	7.3	3	7.4	0	0.0	2	17.9	0	0.0	2	23.7
Alzheimer's Disease, 3310	182	442.7	178	440.6	4	561.8 ²	49	439.1	12	442.6	37	438.0
Major Cardiovascular Diseases, 390-448	142	345.4	140	346.5	2	280.9 ²	35	313.6	9	332.0	26	307.8
Diseases of Heart, 390-398; 402, 404-429	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	6	53.8	2	73.8	4	47.3
Hypertension with Heart and Renal Disease, 402, 404	73	177.6	72	178.2	1	140.4 ²	21	188.2	5	184.4	16	189.4
Ischemic Heart Disease, 410-414	68	167.8	68	168.3	1	140.4 ²	8	71.7	2	73.8	6	71.0
Other Diseases of Heart, 405, 415-429	2	4.9	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with or without Renal Disease, 401, 403	30	73.0	28	69.3	2	280.9 ²	12	107.5	2	73.8	10	118.4
Cerebrovascular Disease, 430-438	8	19.5	8	19.8	0	0.0	2	17.9	1	36.9	1	11.8
Diseases of the Arteries, 440-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis, 440	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	8	19.5	8	19.8	0	0.0	2	17.9	1	36.9	1	11.8
Acute Bronchitis and Bronchiolitis, 466	18	43.8	18	44.6	0	0.0	4	35.8	3	110.7	1	11.8
Pneumonia and Influenza, 480-487	20	48.6	20	49.5	0	0.0	5	44.8	2	73.8	3	35.5
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	7.3	3	7.4	0	0.0	2	17.9	0	0.0	2	23.7
Bronchitis, Emphysema and Asthma, 490-493	17	41.3	17	42.1	0	0.0	3	26.9	2	73.8	1	11.8
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	3	7.3	3	7.4	0	0.0	3	26.9	0	0.0	3	35.5
Cholelithiasis and Other Disorders of Gallbladder, 574-575	8	19.5	8	19.8	0	0.0	4	35.8	1	36.9	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	1	9.0	0	0.0	1	11.8
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	7.3	3	7.4	0	0.0	1	9.0	0	0.0	1	11.8
Congenital Anomalies, 740-759	9	21.9	9	22.3	0	0.0	4	35.8	1	36.9	1	11.8
Certain Conditions Originating in the Perinatal Period, 760-779	25	60.8	25	61.9	0	0.0	13	116.5	4	147.5	3	35.5
Symptoms and Ill-Defined Conditions, 780-799	15	36.5	15	37.1	0	0.0	7	62.7	1	36.9	6	71.0
Accidents, E800-E949	10	24.3	10	24.8	0	0.0	6	53.8	3	110.7	3	35.5
Motor Vehicle Accidents, E810-E825	3	7.3	3	7.4	0	0.0	0	0.0	0	0.0	0	0.0
All Other Accidents, E800-E809, E826-E949	5	12.2	5	12.4	0	0.0	2	17.9	0	0.0	2	23.7
Suicide, E950-E959	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention, E960-E978	35	81.1	35	86.6	0	0.0	12	107.5	4	147.5	8	94.7
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, 1997

CAUSE OF DEATH(ICD CODE(S))	BUTLER COUNTY						CALHOUN 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	261	12.1	167	13.2	94	10.5	1,243	10.8	1,041	11.4	202	8.6
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	1	0.9	1	1.1	0	0.0
Meningococcal Infection, 036	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	1	4.6	0	0.0	1	11.2	12	10.5	10	11.0	2	8.5
Human immunodeficiency Virus Infection, 042-044	2	9.3	0	0.0	2	22.3	8	7.0	4	4.4	4	17.0
Viral Hepatitis, 070	1	4.6	1	7.9	0	0.0	1	0.0	1	1.1	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	44	203.7	30	237.3	14	156.3	263	229.5	229	251.5	34	144.4
Lip, Oral Cavity and Pharynx, 140-149	1	4.6	1	7.9	0	0.0	3	2.6	3	3.3	0	0.0
Digestive Organs and Peritoneum, 150-159	9	41.7	8	63.3	1	11.2	46	40.1	42	46.1	4	17.0
Respiratory and Intra-thoracic Organs, 160-166	13	60.2	10	79.1	3	33.5	92	80.3	86	94.4	6	25.5
Breast, 174-175	8	18.5	2	15.8	6	22.3	9	7.9	7	7.7	2	8.5
Genitourinary Organs, 179-189	4	37.0	3	23.7	5	55.8	25	21.8	20	22.0	5	21.2
Leukemia, 204-208	0	0.0	0	0.0	0	0.0	12	10.5	11	12.1	1	4.2
All Other Sites, 166-173, 176-178, 190-203	9	41.7	6	47.5	3	33.5	76	66.3	60	65.9	16	68.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0	0	0.0	0	0.0	6	5.2	6	6.6	0	0.0
Diabetes Mellitus, 250	14	64.8	7	55.4	7	78.2	22	19.2	14	15.4	8	34.0
Nutritional Deficiencies, 260-269	2	9.3	0	0.0	2	22.3	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	5	4.4	5	5.5	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	1	0.9	1	1.1	0	0.0
Alzheimer's Disease, 3310	2	9.3	2	15.8	0	0.0	13	11.3	13	14.3	0	0.0
Major Cardiovascular Diseases, 390-448	123	569.5	82	648.7	41	457.7	517	451.1	434	476.6	83	352.5
Diseases of Heart, 390-398, 402, 404-429	100	463.0	70	553.8	30	334.9	401	349.9	335	367.9	66	280.3
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	9.3	0	0.0	2	22.3	3	2.6	1	1.1	2	8.5
Hypertension with Heart and Renal Disease, 402, 404	32	148.2	22	174.0	10	111.6	204	178.0	173	190.0	31	131.7
Ischemic Heart Disease, 410-414	66	305.6	48	379.7	18	201.0	194	169.3	161	176.8	33	140.2
Other Diseases of Heart, 405, 415-429	0	0.0	0	0.0	0	0.0	1	0.9	1	1.1	0	0.0
Hypertension with or without Renal Disease, 401, 403	22	101.9	12	94.9	10	111.6	89	77.7	76	83.5	13	55.2
Cerebrovascular Disease, 430-438	1	4.6	0	0.0	1	11.2	23	20.1	22	24.2	1	4.2
Diseases of the Arteries, 440-448	0	0.0	0	0.0	0	0.0	4	3.5	4	4.4	0	0.0
Atherosclerosis, 440	0	0.0	0	0.0	0	0.0	19	16.6	18	19.8	1	4.2
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	1	0.9	1	1.1	0	0.0
Acute Bronchitis and Bronchiolitis, 466	7	32.4	5	39.6	2	22.3	52	45.4	42	46.1	10	42.5
Pneumonia and Influenza, 480-487	6	27.8	5	39.6	1	11.2	74	64.6	70	76.9	4	17.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 480-496	2	9.3	1	7.9	1	11.2	16	14.0	16	17.6	0	0.0
Bronchitis, Emphysema and Asthma, 480-493	4	18.5	4	31.6	0	0.0	58	50.6	54	59.3	4	17.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	1	0.9	1	1.1	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	15	13.1	13	14.3	2	8.5
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	2	1.7	2	2.2	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	4	18.5	3	23.7	1	11.2	26	22.7	21	23.1	5	21.2
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	1	4.6	0	0.0	1	11.2	4	3.5	4	4.4	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	4	18.5	2	15.8	2	22.3	12	10.5	9	9.9	3	12.7
Symptoms and Ill-Defined Conditions, 780-799	24	111.1	16	126.6	8	88.3	73	63.7	56	61.5	17	72.2
Accidents, E800-E949	8	37.0	6	47.5	2	22.3	45	39.3	34	37.3	11	46.7
Motor Vehicle Accidents, E810-E825	16	74.1	10	79.1	6	67.0	28	24.4	22	24.2	6	25.5
All Other Accidents, E800-E809, E826-E949	3	18.5	1	7.9	2	22.3	19	16.6	16	17.6	3	12.7
Suicide, E950-E959	4	18.5	3	23.7	1	11.2	7	6.1	1	1.1	6	25.5
Homicide and Legal Intervention, E960-E978	19	88.0	10	79.1	9	100.5	91	79.4	73	80.2	18	76.4

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, 1997

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	470	13.2	339	15.0	131	10.1	248	12.4	236	12.7	12	9.4
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	7	19.7	3	13.3	4	30.8	7	35.1	7	37.5	0	0.0
Human Immunodeficiency Virus Infection, 042-044	5	14.1	1	4.4	4	30.8	1	5.0	1	5.4	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	100	281.2	74	327.9	26	200.0	67	336.2	61	327.0	6	472.4
Lip, Oral Cavity and Pharynx, 140-149	16	45.0	9	39.3	7	53.9	8	40.1	8	42.9	0	0.0
Digestive Organs and Peritoneum, 150-159	32	90.0	28	124.1	4	30.8	17	85.3	16	85.8	1	78.7
Respiratory and Intra-thoracic Organs, 160-165	3	8.4	2	8.9	1	7.7	2	10.0	2	10.7	0	0.0
Breast, 174-175	31	87.2	22	97.5	9	69.2	4	21.4	4	21.4	0	0.0
Genitourinary Organs, 179-189	4	11.2	4	17.7	0	0.0	3	15.1	3	16.1	0	0.0
Leukemia, 204-208	14	39.4	9	39.9	5	38.5	32	160.6	27	144.7	5	393.7
All Other Sites, 166-173, 176-178, 190-203	2	5.6	2	8.9	0	0.0	0	0.0	0	0.0	0	0.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	5	14.1	5	22.2	0	0.0	3	15.1	3	16.1	0	0.0
Diabetes Mellitus, 250	1	2.8	0	0.0	1	7.7	0	0.0	0	0.0	0	0.0
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	5	14.1	5	22.2	0	0.0	4	20.1	4	21.4	0	0.0
Alzheimer's Disease, 3310	209	587.7	154	682.4	55	423.1	95	476.8	90	482.4	5	393.7
Major Cardiovascular Diseases, 390-448	158	444.3	121	536.2	37	284.6	73	366.4	70	375.2	3	236.2
Diseases of Heart, 390-398, 402, 404-429	1	2.8	0	0.0	0	0.0	1	5.0	1	5.4	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	52	146.2	43	190.6	9	69.2	34	170.6	31	166.2	3	236.2
Hypertension with Heart and Renal Disease, 402, 404	105	295.2	77	341.2	28	215.4	38	190.7	38	203.7	0	0.0
Isochemic Heart Disease, 410-414	3	8.4	0	0.0	3	23.1	1	5.0	1	5.4	0	0.0
Other Diseases of Heart, 405, 415-429	41	115.3	27	119.5	14	107.7	15	75.3	14	75.0	1	78.7
Hypertension with or without Renal Disease, 401, 403	7	19.7	6	26.6	1	7.7	6	30.1	5	26.8	1	78.7
Cerebrovascular Disease, 430-438	7	19.7	6	26.6	1	7.7	6	30.1	5	26.8	1	78.7
Diseases of the Arteries, 440-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis, 440	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	7	19.7	6	26.6	1	7.7	5	25.1	4	21.4	1	78.7
Acute Bronchitis and Bronchiolitis, 466	7	19.7	6	26.6	1	7.7	5	25.1	4	21.4	1	78.7
Pneumonia and Influenza, 480-487	12	33.7	10	44.3	2	15.4	13	65.2	13	69.7	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	24	67.5	20	88.6	4	30.8	10	50.2	10	53.6	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	2	5.6	2	8.9	0	0.0	3	15.1	3	16.1	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	22	61.9	18	79.8	4	30.8	7	35.1	7	37.5	0	0.0
Ulcer of Stomach and Duodenum, 531-533	1	2.8	0	0.0	0	0.0	1	5.0	1	5.4	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	3	8.4	2	8.9	1	7.7	3	15.1	3	16.1	0	0.0
Chronic Liver Disease and Cirrhosis, 571	3	8.4	2	8.9	1	7.7	3	15.1	3	16.1	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	10	28.1	8	35.5	2	15.4	4	20.1	4	21.4	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	2	5.6	1	4.4	1	7.7	1	5.0	1	5.4	0	0.0
Congenital Anomalies, 740-759	1	2.8	0	0.0	1	7.7	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	4	11.2	2	8.9	2	15.4	1	5.0	1	5.4	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	22	61.9	14	62.0	8	61.5	20	100.4	20	107.2	0	0.0
Accidents, E800-E949	14	39.4	7	31.0	7	53.9	11	55.2	11	59.0	0	0.0
Motor Vehicle Accidents, E810-E825	8	22.5	4	17.7	4	31.0	9	45.2	9	48.2	0	0.0
All Other Accidents, E800-E809, E826-E949	5	14.1	3	13.3	2	15.4	2	10.0	2	10.7	1	78.7
Suicide, E950-E959	3	8.4	2	8.9	1	7.7	3	15.1	3	16.1	0	0.0
Homicide and Legal Intervention, E960-E978	46	129.3	30	132.9	16	123.1	13	65.2	13	69.7	0	0.0
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, 1997

CAUSE OF DEATH/ICD CODE(S)	CHILTON COUNTY						CHOCTAW 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	361	10.7	318	10.6	43	11.1	175	11.3	112	13.1	63	9.1
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	5	14.8	5	16.7	0	0.0	4	25.8	2	23.4	2	28.8
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	1	6.5	0	0.0	1	14.4
Viral Hepatitis, 070	2	5.9	2	6.7	0	0.0	1	6.5	0	0.0	1	14.4
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	72	212.9	67	223.6	5	129.6	52	335.7	39	456.6	13	187.1
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	1	6.5	1	11.7	0	0.0
Digestive Organs and Peritoneum, 150-159	8	23.7	7	23.4	1	25.9	9	58.1	8	93.7	1	14.4
Respiratory and Intra-thoracic Organs, 160-166	24	71.0	22	73.4	2	51.9	16	103.3	13	152.2	3	43.2
Breast, 174-175	1	3.0	1	3.3	0	0.0	3	19.4	2	23.4	1	14.4
Genitourinary Organs, 179-189	10	29.6	8	26.7	2	51.9	12	77.5	7	81.9	5	72.0
Leukemia, 204-208	6	17.7	6	20.0	0	0.0	1	6.5	1	11.7	0	0.0
All Other Sites, 166-173, 176-178, 190-203	23	68.0	23	76.8	0	0.0	10	64.6	7	81.9	3	43.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0	0	0.0	1	25.9	2	12.9	0	0.0	2	28.8
Diabetes Mellitus, 250	0	0.0	0	0.0	0	0.0	4	25.8	1	11.7	3	43.2
Nutritional Deficiencies, 260-269	1	3.0	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	5	14.8	5	16.7	0	0.0	2	12.9	2	23.4	0	0.0
Alzheimer's Disease, 3310	159	470.1	138	460.5	21	544.5	71	458.4	39	456.6	32	460.6
Major Cardiovascular Diseases, 390-448	135	399.1	117	390.4	18	466.7	60	387.3	31	362.9	29	417.4
Diseases of Heart, 390-398, 402, 404-429	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	5.9	2	6.7	0	0.0	4	25.8	2	23.4	2	28.8
Hypertension with Heart and Renal Disease, 402, 404	74	218.8	64	213.6	10	259.3	35	226.0	17	199.0	18	259.1
Ischemic Heart Disease, 410-414	59	170.2	51	170.2	8	207.4	21	135.6	12	140.5	9	129.5
Other Diseases of Heart, 405, 415-429	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with or without Renal Disease, 401, 403	14	41.4	12	40.0	2	51.9	11	71.0	8	93.7	3	43.2
Cerebrovascular Disease, 430-438	10	29.6	9	30.0	1	25.9	0	0.0	0	0.0	0	0.0
Diseases of the Arteries, 440-448	3	8.9	2	6.7	1	25.9	0	0.0	0	0.0	0	0.0
Atherosclerosis, 440	7	20.7	7	23.4	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	11	32.5	10	33.4	1	25.9	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	17	50.3	14	46.7	3	77.8	6	38.7	5	58.5	1	14.4
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	3.0	1	3.3	0	0.0	1	6.5	1	11.7	0	0.0
Bronchitis, Emphysema, and Asthma, 490-493	16	47.3	13	43.4	3	77.8	5	32.3	4	46.8	1	14.4
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	1	6.5	1	11.7	0	0.0
Chronic Liver Disease and Cirrhosis, 571	4	11.8	4	13.3	0	0.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	7	20.7	7	23.4	0	0.0	4	25.8	2	23.4	2	28.8
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	1	3.0	1	3.3	1	25.9	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	11	32.5	10	33.4	1	25.9	10	64.6	9	105.4	1	14.4
Symptoms and Ill-Defined Conditions, 780-799	20	59.1	19	63.4	1	25.9	9	58.1	8	93.7	1	14.4
Accidents, E800-E949	8	23.7	7	23.4	1	25.9	3	19.4	3	35.1	0	0.0
Motor Vehicle Accidents, E810-E825	12	35.5	12	40.7	0	0.0	1	6.5	1	11.7	0	0.0
All Other Accidents, E800-E809, E826-E949	6	17.7	5	16.0	1	25.9	2	12.9	2	23.4	1	14.4
Suicide, E950-E959	4	11.8	3	10.0	1	25.9	1	6.5	0	0.0	1	14.4
Homicide and Legal Intervention, E960-E978	30	88.7	23	76.8	7	181.5	9	58.1	7	81.9	2	28.8
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, 1997

CAUSE OF DEATH/ICD CODE(S)	CLARKE COUNTY						CLAY COUNTY								
	TOTAL			BLACK AND OTHER			TOTAL			WHITE			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
TOTAL ALL CAUSES	297	11.0		179	11.6	10.1	157	12.1	12.6	136	12.6	21	9.8		
Tuberculosis, All Forms, 010-018	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Meningococcal Infection, 036	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Septicemia, 038	2	7.4		1	6.5	8.6	2	15.4	18.5	2	18.5	0	0.0		
Human Immunodeficiency Virus Infection, 042-044	2	7.4		0	0.0	17.2	0	0.0	0.0	0	0.0	0	0.0		
Viral Hepatitis, 070	2	7.4		0	0.0	17.2	0	0.0	0.0	0	0.0	0	0.0		
Syphilis, 090-097	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	57	210.6		35	227.2	188.7	34	262.4	240.4	26	240.4	8	373.7		
Lip, Oral Cavity and Pharynx, 140-149	1	3.7		1	6.5	0.0	1	7.7	9.2	1	9.2	0	0.0		
Digestive Organs and Peritoneum, 150-159	15	55.4		10	64.9	42.9	7	54.0	64.7	7	64.7	6	280.2		
Respiratory and Intra-thoracic Organs, 160-165	11	40.6		8	51.9	25.7	13	100.3	64.7	7	64.7	6	280.2		
Breast, 174-175	4	14.8		2	13.0	17.2	0	0.0	0.0	0	0.0	0	0.0		
Genitourinary Organs, 179-189	10	37.0		6	39.0	34.3	4	30.9	18.5	2	18.5	2	93.4		
Leukemia, 204-208	3	11.1		2	13.0	8.6	0	0.0	0.0	0	0.0	0	0.0		
All Other Sites, 166-173, 176-178, 190-203	13	48.0		6	39.0	60.0	9	69.5	83.2	9	83.2	0	0.0		
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Diabetes Mellitus, 250	13	48.0		10	64.9	25.7	1	7.7	9.2	1	9.2	0	0.0		
Nutritional Deficiencies, 260-269	0	0.0		0	0.0	0.0	1	7.7	9.2	1	9.2	0	0.0		
Anemias, 280-285	1	3.7		0	0.0	8.6	0	0.0	0.0	0	0.0	0	0.0		
Meningitis, 320-322	1	3.7		0	0.0	25.7	0	0.0	0.0	0	0.0	0	0.0		
Alzheimer's Disease, 3310	5	18.5		2	13.0	0.0	1	7.7	9.2	1	9.2	0	0.0		
Major Cardiovascular Diseases, 390-448	129	476.7		76	493.4	454.5	66	509.4	564.0	61	564.0	5	233.5		
Diseases of Heart, 390-398, 402, 404-429	95	351.0		56	363.6	334.5	50	385.9	443.8	48	443.8	2	93.4		
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	10	37.0		2	13.0	68.6	1	7.7	9.2	1	9.2	0	0.0		
Hypertension with Heart and Renal Disease, 402, 404	45	166.3		32	207.8	111.5	31	239.3	277.4	30	277.4	1	46.7		
Ischemic Heart Disease, 410-414	40	147.8		22	142.8	154.4	17	131.2	147.9	16	147.9	1	46.7		
Other Diseases of Heart, 405, 415-429	2	7.4		1	6.5	8.6	0	0.0	0.0	0	0.0	0	0.0		
Hypertension with or without Renal Disease, 401, 403	26	96.1		15	97.4	94.3	15	115.8	110.9	12	110.9	3	140.1		
Cerebrovascular Disease, 430-438	6	22.2		4	26.0	17.2	1	7.7	9.2	1	9.2	0	0.0		
Diseases of the Arteries, 440-448	1	3.7		1	6.5	0.0	0	0.0	0.0	0	0.0	0	0.0		
Atherosclerosis, 440	5	18.5		3	19.5	17.2	1	7.7	9.2	1	9.2	0	0.0		
Other Diseases of the Arteries, 441-448	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Acute Bronchitis and Bronchiolitis, 466	10	37.0		6	39.0	34.3	6	46.3	55.5	6	55.5	0	0.0		
Pneumonia and Influenza, 480-487	15	55.4		13	84.4	17.2	9	69.5	83.2	9	83.2	1	46.7		
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	4	14.8		2	13.0	17.2	1	7.7	9.2	1	9.2	0	0.0		
Bronchitis, Emphysema and Asthma, 490-493	11	40.6		11	71.4	0.0	8	61.7	74.0	8	74.0	0	0.0		
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Ulcer of Stomach and Duodenum, 531-533	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Appendicitis, 540-543	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Chronic Liver Disease and Cirrhosis, 571	2	7.4		2	13.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Cholelithiasis and Other Disorders of Gallbladder, 574-575	5	18.5		1	6.5	34.3	6	46.3	46.2	5	46.2	1	46.7		
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	3.7		1	6.5	0.0	0	0.0	0.0	0	0.0	0	0.0		
Infections of the Kidney, 590	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Hyperplasia of Prostate, 600	1	3.7		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	3.7		1	6.5	0.0	1	7.7	9.2	0	0.0	1	46.7		
Congenital Anomalies, 740-759	0	0.0		0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0		
Certain Conditions Originating in the Perinatal Period, 760-779	0	0.0		0	0.0	0.0	6	46.3	55.5	6	55.5	0	0.0		
Symptoms and ill-Defined Conditions, 780-799	23	85.0		14	90.9	77.2	15	115.8	110.9	12	110.9	3	140.1		
Accidents, E800-E949	14	51.7		8	51.9	51.5	7	54.0	55.5	6	55.5	1	46.7		
Motor Vehicle Accidents, E810-E825	9	33.3		6	39.0	25.7	8	61.7	55.5	6	55.5	2	93.4		
All Other Accidents, E800-E809, E826-E949	5	18.5		2	13.0	17.2	1	7.7	9.2	0	0.0	0	0.0		
Suicide, E950-E959	0	0.0		0	0.0	0.0	1	7.7	9.2	0	0.0	1	46.7		
Homicide and Legal Intervention, E960-E978	16	59.1		10	64.9	51.5	8	61.7	55.5	6	55.5	2	93.4		
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, 1997

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	160	12.5	151	12.4	9	14.7 ²	431	10.4	353	10.5	78	9.8
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	2	15.6	2	16.4	0	0.0	3	7.2	3	9.0	0	0.0
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	2	4.8	0	0.0	2	25.2
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	47	366.2	42	343.6	5	818.3 ²	109	263.0	90	268.6	19	239.4
Lip, Oral Cavity and Pharynx, 140-149	4	31.2	3	24.5	1	163.7 ²	30	72.4	24	71.6	6	75.6
Digestive Organs and Peritoneum, 150-159	7	54.5	7	57.3	0	0.0	33	79.6	26	77.6	7	88.2
Respiratory and Intra-thoracic Organs, 160-165	2	15.6	2	16.4	0	0.0	6	14.5	6	17.9	0	0.0
Breast, 174-175	3	23.4	3	24.5	0	0.0	19	45.8	17	50.7	2	25.2
Genitourinary Organs, 179-189	0	0.0	0	0.0	0	0.0	1	2.4	1	3.0	0	0.0
Leukemia, 204-208	31	241.5	27	230.9	4	654.7 ²	17	41.0	13	38.8	4	50.4
All Other Sites, 166-173, 176-178, 190-203	0	0.0	0	0.0	0	0.0	2	4.8	2	6.0	0	0.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	4	31.2	4	32.7	0	0.0	6	14.5	4	11.9	2	25.2
Diabetes Mellitus, 250	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	2	15.6	2	16.4	0	0.0	6	14.5	5	14.9	1	12.6
Alzheimer's Disease, 3310	50	389.5	48	392.6	2	327.3 ²	167	402.9	134	399.9	33	415.7
Major Cardiovascular Diseases, 390-448	37	288.3	36	294.5	1	163.7 ²	129	311.2	105	313.3	24	302.3
Diseases of Heart, 390-398, 402, 404-429	1	7.8	0	0.0	0	0.0	6	14.5	4	11.9	2	25.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	12	93.5	11	90.0	1	163.7 ²	79	190.6	65	194.0	14	176.4
Ischemic Heart Disease, 410-414	24	187.0	24	196.3	0	0.0	44	106.2	36	107.4	8	100.8
Other Diseases of Heart, 405, 415-429	5	39.0	4	32.7	1	163.7 ²	4	9.7	2	6.0	2	25.2
Hypertension with or without Renal Disease, 401, 403	7	54.5	7	57.3	0	0.0	27	65.1	24	71.6	3	37.8
Cerebrovascular Disease, 430-438	1	7.8	1	8.2	0	0.0	7	16.9	3	9.0	4	50.4
Diseases of the Arteries, 440-448	1	7.8	0	0.0	0	0.0	2	4.8	1	3.0	1	12.6
Atherosclerosis, 440	1	7.8	0	0.0	0	0.0	5	12.1	2	6.0	3	37.8
Other Diseases of the Arteries, 441-448	1	7.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	5	39.0	4	32.7	1	163.7 ²	19	45.8	18	53.7	1	12.6
Pneumonia and Influenza, 480-487	10	77.9	9	73.6	1	163.7 ²	27	65.1	25	74.6	2	25.2
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	23.4	3	24.5	0	0.0	8	21.7	8	23.9	1	12.6
Bronchitis, Emphysema and Asthma, 490-493	7	54.5	6	49.1	1	163.7 ²	18	43.4	17	50.7	1	12.6
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	1	2.4	1	3.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	4	31.2	4	32.7	0	0.0	3	7.2	2	6.0	1	12.6
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	7.8	1	8.2	0	0.0	1	2.4	0	0.0	1	12.6
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	4	9.7	4	11.9	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	1	2.4	1	3.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	7.8	1	8.2	0	0.0	4	9.7	2	6.0	2	25.2
Congenital Anomalies, 740-759	3	23.4	3	24.5	0	0.0	4	9.7	3	9.0	1	12.6
Certain Conditions Originating in the Perinatal Period, 760-779	11	85.7	11	90.0	0	0.0	28	67.6	23	68.6	5	63.0
Symptoms and Ill-Defined Conditions, 780-799	11	85.7	11	90.0	0	0.0	14	33.8	12	35.8	2	25.2
Accidents, E800-E949	0	0.0	0	0.0	0	0.0	14	33.8	11	32.8	3	37.8
Motor Vehicle Accidents, E810-E825	0	0.0	0	0.0	0	0.0	3	7.2	2	6.0	1	12.6
All Other Accidents, E800-E809, E826-E949	2	15.6	2	16.4	0	0.0	0	0.0	0	0.0	0	0.0
Suicide, E950-E959	0	0.0	0	0.0	0	0.0	3	7.2	2	6.0	1	12.6
Homicide and Legal Intervention, E960-E978	2	15.6	2	16.4	0	0.0	0	0.0	0	0.0	0	0.0
All Other Diseases, Residual	14	109.1	14	114.5	0	0.0	37	89.3	30	89.5	7	88.2

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, 1997

CAUSE OF DEATH/ICD CODE(S)	COLBERT COUNTY						CONECUH 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	562	11.3	458	11.1	104	12.2	187	14.2	116	15.8	71	12.3
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	9	18.1	8	19.4	1	11.7	1	7.6	1	13.6	0	0.0
Human Immunodeficiency Virus Infection, 042-044	1	2.0	1	2.4	0	0.0	3	22.8	1	13.6	2	34.5
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	1	7.6	0	0.0	1	17.3
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	128	257.3	108	262.2	20	234.1	51	387.7	30	407.5	21	362.5
Lip, Oral Cavity and Pharynx, 140-149	1	2.0	0	0.0	1	11.7	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	20	40.2	17	41.3	3	35.1	14	106.4	6	81.5	8	138.1
Respiratory and Intra-thoracic Organs, 160-165	43	86.4	38	92.2	5	58.5	7	54.3	4	54.3	3	51.8
Breast, 174-175	7	14.1	3	7.3	4	46.8	2	15.2	0	0.0	2	34.5
Genitourinary Organs, 179-189	26	52.3	21	51.0	5	58.5	7	53.2	5	67.9	2	34.5
Leukemia, 204-208	6	12.1	6	14.6	0	0.0	6	45.6	5	67.9	1	17.3
All Other Sites, 166-173, 176-178, 190-203	25	50.3	23	55.8	2	23.4	15	114.0	10	135.8	5	86.3
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0	0	0.0	0	0.0	1	7.6	1	13.6	0	0.0
Diabetes Mellitus, 250	10	20.1	7	17.0	3	35.1	7	53.2	5	67.9	2	34.5
Nutritional Deficiencies, 260-269	2	4.0	2	4.9	0	0.0	1	7.6	1	13.6	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	6	12.1	5	12.1	1	11.7	0	0.0	0	0.0	0	0.0
Major Cardiovascular Diseases, 390-448	251	504.6	202	490.3	49	573.5	77	585.3	51	692.7	26	448.8
Diseases of Heart, 390-398, 402, 404-429	191	384.0	155	376.3	36	421.3	57	433.3	38	516.2	19	328.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	2.0	1	2.4	0	0.0	1	7.6	1	13.6	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	2	4.0	2	4.9	0	0.0	2	15.2	2	27.2	0	0.0
Ischemic Heart Disease, 410-414	117	235.2	97	235.5	20	234.1	33	250.9	22	298.8	11	189.9
Other Diseases of Heart, 405, 415-429	71	142.7	55	133.5	16	187.3	21	159.6	13	176.6	8	138.1
Hypertension with or without Renal Disease, 401, 403	2	4.0	2	4.9	0	0.0	1	7.6	1	13.6	0	0.0
Cerebrovascular Disease, 430-438	53	106.6	40	97.1	13	152.2	17	129.2	11	149.4	6	103.6
Diseases of the Arteries, 440-448	5	10.1	5	12.1	0	0.0	2	15.2	1	13.6	1	17.3
Atherosclerosis, 440	1	2.0	1	2.4	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	4	8.0	4	9.7	0	0.0	2	15.2	1	13.6	1	17.3
Acute Bronchitis and Bronchiolitis, 466	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	24	48.3	19	46.1	5	58.5	7	53.2	5	67.9	2	34.5
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	25	50.3	23	55.8	2	23.4	7	53.2	7	95.1	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	7	14.1	6	14.6	1	11.7	3	22.8	3	40.7	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	18	36.2	17	41.3	1	11.7	4	30.4	4	54.3	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	4.0	2	4.9	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	4	8.0	3	7.3	1	11.7	2	15.2	2	27.2	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	2.0	1	2.4	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	5	10.1	4	9.7	1	11.7	2	15.2	1	13.6	1	17.3
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	2.0	0	0.0	1	11.7	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	2	4.0	2	4.9	0	0.0	4	30.4	1	13.6	3	51.8
Certain Conditions Originating in the Perinatal Period, 760-779	2	4.0	2	4.9	0	0.0	0	0.0	0	0.0	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	30	60.3	24	58.3	6	70.2	9	68.4	4	54.3	5	86.3
Accidents, E800-E949	18	36.2	14	34.0	4	46.8	0	0.0	0	0.0	0	0.0
Motor Vehicle Accidents, E810-E825	12	24.1	10	23.4	2	23.4	9	68.4	4	54.3	5	86.3
All Other Accidents, E800-E809, E826-E949	5	10.1	5	12.1	0	0.0	2	15.2	1	13.6	1	17.3
Suicide, E950-E959	6	12.1	4	9.7	2	23.4	6	45.6	1	13.6	5	86.3
Homicide and Legal Intervention, E960-E978	47	94.5	35	85.0	12	140.4	6	45.6	4	54.3	2	34.5
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, 1997

CAUSE OF DEATH/ICD CODE(S)	COOSA COUNTY						COVINGTON 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	112	10.3	75	10.6	37	9.7	465	12.9	408	13.1	57	11.7
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	1	9.2	1	14.1	0	0.0	12	33.3	9	28.9	3	61.3
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	3	8.3	1	3.2	2	40.9
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	30	275.2	21	296.3	9	236.0	96	266.5	87	279.5	9	184.0
Lip, Oral Cavity and Pharynx, 140-149	4	36.7	3	42.3	1	26.2	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	5	45.9	5	70.5	0	0.0	19	52.8	16	51.4	3	61.3
Respiratory and Intra-thoracic Organs, 160-165	8	73.4	2	28.2	6	157.4	39	108.3	38	122.1	1	20.4
Breast, 174-175	3	45.9	5	70.5	2	26.2	8	22.2	7	22.5	1	20.4
Genitourinary Organs, 179-189	5	27.5	2	28.2	1	26.2	15	41.6	12	38.6	3	61.3
Leukemia, 204-208	5	45.9	4	56.4	1	26.2	2	5.6	2	6.4	0	0.0
All Other Sites, 166-173, 176-178, 190-203	0	0.0	0	0.0	0	0.0	13	36.1	12	38.6	1	20.4
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	18.3	2	28.2	0	0.0	1	2.8	1	3.2	0	0.0
Diabetes Mellitus, 250	2	18.3	0	0.0	2	52.5	6	16.7	3	9.6	3	61.3
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	2	5.6	2	6.4	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	46	422.0	32	451.5	14	367.2	202	560.8	178	571.8	24	490.8
Major Cardiovascular Diseases, 390-448	40	366.9	27	380.9	13	340.9	162	449.8	145	465.8	17	347.6
Diseases of Heart, 390-398, 402, 404-429	2	18.3	2	28.2	0	0.0	5	13.9	4	12.9	1	20.4
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	14	128.4	12	169.3	2	52.5	1	2.8	1	3.2	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	17	155.9	12	169.3	5	131.1	91	252.7	85	273.1	6	122.7
Ischemic Heart Disease, 410-414	17	64.2	12	14.1	5	157.4	65	180.5	55	176.7	10	204.5
Other Diseases of Heart, 405, 415-429	5	45.9	5	70.5	0	0.0	5	13.9	2	6.4	3	61.3
Hypertension with or without Renal Disease, 401, 403	0	0.0	0	0.0	0	0.0	31	86.1	27	86.7	4	81.8
Cerebrovascular Disease, 430-438	1	9.2	0	0.0	1	26.2	4	11.1	4	12.9	0	0.0
Diseases of the Arteries, 440-448	0	0.0	0	0.0	0	0.0	2	5.6	2	6.4	0	0.0
Atherosclerosis, 440	1	9.2	0	0.0	1	26.2	2	5.6	2	6.4	0	0.0
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	4	36.7	2	28.2	2	52.5	23	63.9	21	67.5	2	40.9
Pneumonia and Influenza, 480-487	9	82.6	6	84.7	3	78.7	9	25.0	9	28.9	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 480-496	2	18.3	1	14.1	1	26.2	0	0.0	0	0.0	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	7	64.2	5	70.5	2	52.5	9	25.0	9	28.9	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	1	2.8	1	3.2	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	2	5.6	1	3.2	1	20.4
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	9.2	0	0.0	1	26.2	2	11.1	4	12.9	0	0.0
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	4	11.1	4	12.9	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	2	5.6	1	3.2	1	20.4
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	15	41.6	13	41.8	2	40.9
Infections of the Kidney, 590	1	9.2	1	14.1	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	1	9.2	0	0.0	1	26.2	3	8.3	3	9.6	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	0	0.0	0	0.0	0	0.0	2	5.6	2	6.4	0	0.0
Accidents, E800-E949	5	45.9	2	28.2	3	78.7	36	100.0	36	115.7	0	0.0
Motor Vehicle Accidents, E810-E825	2	27.5	2	28.2	1	26.2	17	52.5	17	54.6	0	0.0
All Other Accidents, E800-E809, E826-E949	3	27.5	2	28.2	1	26.2	19	52.8	19	61.0	0	0.0
Suicide, E950-E959	1	9.2	1	14.1	0	0.0	6	16.7	4	12.9	2	40.9
Homicide and Legal Intervention, E960-E978	0	0.0	0	0.0	0	0.0	1	2.8	1	3.2	0	0.0
All Other Diseases, Residual	9	82.6	7	98.8	2	52.5	35	97.2	28	90.0	7	143.1

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, 1997

CAUSE OF DEATH/ICD CODE(S)	CRENSHAW 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	186	14.0	139	14.2	47	13.5	766	10.7	762	10.8	4	4.5 ²
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	2	15.1	2	20.4	0	0.0	10	14.0	10	14.2	0	0.0
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	37	278.8	29	296.1	8	230.1	184	258.0	184	261.3	0	0.0
Lip, Oral Cavity and Pharynx, 140-149	3	22.6	3	30.6	0	0.0	3	5.6	4	5.7	0	0.0
Digestive Organs and Peritoneum, 150-159	9	67.8	8	81.7	1	28.8	31	43.5	31	44.0	0	0.0
Respiratory and Intra-thoracic Organs, 160-165	13	98.0	8	81.7	5	143.8	58	81.3	58	82.4	0	0.0
Breast, 174-175	1	7.5	1	10.2	0	0.0	16	22.4	16	22.7	0	0.0
Genitourinary Organs, 179-188	3	22.6	1	10.2	2	57.5	27	37.9	27	38.3	0	0.0
Leukemia, 204-208	2	15.1	2	20.4	0	0.0	7	9.8	7	9.9	0	0.0
All Other Sites, 166-173, 176-178, 190-203	6	45.2	6	61.3	0	0.0	41	57.5	41	58.2	0	0.0
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	7.5	0	0.0	1	28.8	2	2.8	2	2.8	0	0.0
Diabetes Mellitus, 250	3	22.6	2	20.4	1	28.8	17	23.8	17	24.1	0	0.0
Nutritional Deficiencies, 260-269	1	7.5	1	10.2	0	0.0	1	1.4	1	1.4	0	0.0
Anemias, 280-285	1	7.5	0	0.0	0	0.0	1	1.4	1	1.4	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	11	15.4	11	15.6	0	0.0
Alzheimer's Disease, 3310	82	617.9	62	633.1	20	575.2	330	462.8	329	467.1	1	113.5 ²
Major Cardiovascular Diseases, 390-448	69	520.0	52	531.0	17	488.9	256	359.0	255	362.1	1	113.5 ²
Diseases of Heart, 390-398, 402, 404-429	1	7.5	1	10.2	0	0.0	2	2.8	2	2.8	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	5	7.0	5	7.1	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	23	173.3	18	183.8	5	143.8	141	197.7	140	198.8	1	113.5 ²
Ischemic Heart Disease, 410-414	45	339.1	33	337.0	12	345.1	108	151.5	108	153.3	0	0.0
Other Diseases of Heart, 405, 415-429	2	15.1	0	0.0	2	57.5	4	5.6	4	5.7	0	0.0
Hypertension with or without Renal Disease, 401, 403	9	67.8	8	81.7	1	28.8	53	74.3	53	75.3	0	0.0
Cerebrovascular Disease, 430-438	2	15.1	2	20.4	0	0.0	17	23.8	17	24.1	0	0.0
Diseases of the Arteries, 440-448	0	0.0	0	0.0	0	0.0	6	8.4	6	8.5	0	0.0
Atherosclerosis, 440	2	15.1	2	20.4	0	0.0	11	15.4	11	15.6	0	0.0
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	8	60.3	5	51.1	3	86.3	18	25.2	18	25.6	0	0.0
Pneumonia and Influenza, 480-487	8	60.3	7	71.5	1	28.8	40	56.1	39	55.4	1	113.5 ²
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	22.6	3	30.6	0	0.0	9	12.6	9	12.8	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	5	37.7	4	40.8	1	28.8	31	43.5	30	42.6	1	113.5 ²
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	1	1.4	1	1.4	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	7.5	1	10.2	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	3	22.6	3	30.6	0	0.0	4	5.6	4	5.7	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	7.5	1	10.2	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	1	28.8	11	15.4	11	15.6	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	7.5	1	10.2	0	0.0	3	4.2	3	4.3	0	0.0
Congenital Anomalies, 740-759	1	7.5	1	10.2	0	0.0	1	1.4	1	1.4	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	14	105.5	10	102.1	4	115.0	15	21.0	15	21.3	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	8	60.3	6	61.3	2	57.5	18	25.2	18	25.6	0	0.0
Accidents, E800-E949	6	45.2	4	40.8	2	57.5	8	11.2	8	11.4	0	0.0
Motor Vehicle Accidents, E810-E825	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other Accidents, E800-E809, E826-E949	6	45.2	4	40.8	2	57.5	8	11.2	8	11.4	0	0.0
Suicide, E950-E959	2	15.1	0	0.0	2	57.5	1	1.4	1	1.4	0	0.0
Homicide and Legal Intervention, E960-E978	18	135.6	12	122.5	6	172.6	81	113.6	79	112.2	2	227.0 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, 1997**

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	404	8.0	332	8.4	72	6.8	558	12.5	230	13.0	328	12.2
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	2	4.5	1	5.7	1	3.7
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	2	4.0	1	2.5	1	9.4	11	24.7	3	17.0	8	29.7
Human Immunodeficiency Virus Infection, 042-044	1	2.0	0	0.0	1	9.4	2	4.5	0	0.0	2	7.4
Viral Hepatitis, 070	1	2.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	94	187.1	81	204.4	13	122.7	120	269.1	52	294.3	68	252.6
Lip, Oral Cavity and Pharynx, 140-149	4	8.0	3	7.6	1	9.4	1	2.2	1	5.7	0	0.0
Digestive Organs and Peritoneum, 150-159	20	39.8	16	40.4	4	37.7	28	62.8	11	62.3	17	63.2
Respiratory and Intrathoracic Organs, 160-165	28	55.7	26	65.6	2	18.9	40	89.7	23	130.2	17	63.2
Breast, 174-175	3	6.0	3	7.6	0	0.0	9	20.2	3	17.0	6	22.3
Genitourinary Organs, 179-189	14	27.9	13	32.8	1	9.4	24	53.8	6	34.0	18	66.9
Leukemia, 204-208	5	10.0	3	7.6	2	18.9	4	9.0	2	11.3	8	29.7
All Other Sites, 166-173, 176-178, 190-203	20	39.8	17	42.9	3	28.3	14	31.4	6	34.0	8	29.7
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	2.0	1	2.5	0	0.0	1	2.2	0	0.0	1	3.7
Diabetes Mellitus, 250	9	17.9	6	15.1	3	28.3	21	47.1	5	28.3	16	59.4
Nutritional Deficiencies, 260-269	1	2.0	1	2.5	0	0.0	3	6.7	2	11.3	1	3.7
Anemias, 280-285	0	0.0	0	0.0	0	0.0	1	2.2	1	5.7	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	1	2.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Major Cardiovascular Diseases, 390-448	166	330.5	140	353.2	26	245.3	210	471.0	76	430.1	134	497.8
Diseases of Heart, 390-398, 402, 404-429	142	282.7	122	307.8	20	188.7	147	329.7	53	300.0	94	349.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	4	8.0	3	7.6	1	9.4	6	13.5	1	5.7	5	18.6
Ischemic Heart Disease, 410-414	89	177.2	80	201.8	9	84.9	77	175.4	31	175.4	46	170.9
Other Diseases of Heart, 405, 415-429	49	97.5	39	98.4	10	94.3	64	143.5	21	118.9	43	159.7
Hypertension with or without Renal Disease, 401, 403	2	4.0	2	5.0	0	0.0	3	6.7	1	5.7	2	7.4
Cerebrovascular Disease, 430-438	17	33.8	11	27.8	6	56.6	59	132.3	22	124.5	37	137.4
Diseases of the Arteries, 440-448	5	10.0	5	12.6	0	0.0	1	2.2	0	0.0	1	3.7
Atherosclerosis, 440	2	4.0	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	3	6.0	3	7.6	0	0.0	1	2.2	0	0.0	1	3.7
Acute Bronchitis and Bronchiolitis, 466	1	2.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	9	17.9	7	17.7	2	18.9	12	26.9	8	45.3	4	14.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	16	31.9	14	35.3	2	18.9	19	42.6	13	73.6	6	22.3
Bronchitis, Emphysema and Asthma, 490-493	2	4.0	1	2.5	1	9.4	6	13.5	4	22.6	2	7.4
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	14	27.9	13	32.8	1	9.4	13	29.2	9	50.9	4	14.9
Ulcer of Stomach and Duodenum, 531-533	1	2.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	3	6.0	3	7.6	0	0.0	2	4.5	1	5.7	1	3.7
Chronic Liver Disease and Cirrhosis, 571	5	10.0	5	12.6	0	0.0	1	2.2	1	5.7	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	4	9.0	3	17.0	3	11.1
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	2	4.0	2	5.0	0	0.0	2	4.5	1	5.7	1	3.7
Congenital Anomalies, 740-759	3	6.0	2	5.0	1	9.4	4	9.0	3	17.0	9	33.4
Certain Conditions Originating in the Perinatal Period, 760-779	7	13.9	6	15.1	1	9.4	24	53.8	15	84.9	9	33.4
Symptoms and ill-Defined Conditions, 780-799	25	49.8	18	45.4	7	66.0	32	71.8	10	56.6	22	81.7
Accidents, E800-E949	13	23.9	9	22.7	4	37.7	11	24.7	2	11.3	3	11.1
Motor Vehicle Accidents, E810-E825	7	13.9	6	15.1	1	9.4	21	47.1	8	45.3	13	48.3
All Other Accidents, E800-E809, E826-E949	6	11.9	3	7.6	1	9.4	4	9.0	1	5.7	3	11.1
Suicide, E950-E959	8	15.9	3	7.6	5	47.2	8	17.9	1	5.7	7	26.0
Homicide and Legal Intervention, E960-E978	39	77.6	30	75.7	9	84.9	70	157.0	32	181.1	38	141.2
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, 1997

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	657	11.8	648	12.1	9	4.6	539	10.2	441	10.7	98	8.3
Tuberculosis, All Forms, 010-018	1	1.8	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	5	9.0	5	9.3	0	0.0	4	7.6	3	7.3	1	8.4
Human Immunodeficiency Virus Infection, 042-044	1	1.8	1	1.9	0	0.0	2	3.8	1	2.4	1	8.4
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shingles, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	135	243.1	133	248.3	2	101.7	123	232.3	93	226.5	30	252.6
Lip, Oral Cavity and Pharynx, 140-149	2	3.6	2	3.7	0	0.0	4	7.6	2	4.9	2	16.8
Digestive Organs and Peritoneum, 150-159	16	28.8	16	29.9	0	0.0	25	47.2	15	36.5	10	84.2
Respiratory and Intra-thoracic Organs, 160-165	27	48.6	27	50.4	0	0.0	38	71.8	32	77.9	6	50.5
Breast, 174-175	2	3.6	2	3.7	0	0.0	8	15.1	6	14.6	2	16.8
Genitourinary Organs, 179-189	7	12.6	7	13.1	0	0.0	16	30.2	11	26.8	5	42.1
Leukemia, 200-208	8	14.4	8	14.9	0	0.0	7	13.2	5	12.2	2	16.8
All Other Sites, 173, 176-178, 190-203	73	131.5	71	132.5	2	101.7	25	47.2	22	53.6	3	25.3
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	3.6	2	3.7	0	0.0	2	3.8	2	4.9	0	0.0
Diabetes Mellitus, 250	16	28.8	15	28.0	1	50.9	17	32.1	13	31.7	4	33.7
Nutritional Deficiencies, 260-269	2	3.6	2	3.7	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	2	3.8	2	4.9	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	10	18.0	10	18.7	0	0.0	5	9.4	5	12.2	0	0.0
Major Cardiovascular Diseases, 390-448	296	533.0	292	545.1	4	203.5	215	406.1	178	433.4	37	311.6
Diseases of Heart, 390-398, 402, 404-429	243	437.6	239	446.2	4	203.5	170	321.1	140	340.9	30	252.6
Active Rheumatic Fever and Chronic Rheumatic Heart Disease, 390-398	4	7.2	4	7.5	0	0.0	1	1.9	0	0.0	1	8.4
Hypertension with Heart and Renal Disease, 402, 404	75	135.1	74	138.1	1	50.9	13	24.6	8	19.5	5	42.1
Ischemic Heart Disease, 410-414	155	279.1	152	283.8	3	152.6	77	145.4	68	165.6	11	92.6
Other Diseases of Heart, 405, 415-429	1	1.8	1	1.9	0	0.0	2	3.8	0	0.0	2	16.8
Hypertension with or without Renal Disease, 401, 403	41	73.8	41	76.5	0	0.0	32	60.4	28	68.2	4	33.7
Cerebrovascular Disease, 430-438	11	19.8	11	20.5	0	0.0	10	24.4	10	24.4	0	0.0
Diseases of the Arteries, 440-448	5	10.8	6	11.2	0	0.0	1	1.9	1	2.4	0	0.0
Atherosclerosis, 440	5	9.0	5	9.3	0	0.0	10	18.9	9	21.9	1	8.4
Other Diseases of the Arteries, 441-448	1	1.8	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	28	50.4	28	52.3	0	0.0	15	28.3	12	29.2	3	25.3
Pneumonia and Influenza, 480-487	26	46.8	26	48.5	0	0.0	19	35.9	17	41.4	2	16.8
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	9	16.2	9	16.8	0	0.0	3	5.7	2	4.9	1	8.4
Bronchitis, Emphysema and Asthma, 490-493	17	30.6	17	31.7	0	0.0	16	30.2	15	36.5	1	8.4
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	1.8	1	1.9	0	0.0	1	1.9	1	2.4	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	1	1.8	1	1.9	0	0.0	3	5.7	3	7.3	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	4	7.2	4	7.5	0	0.0	5	9.4	5	12.2	0	0.0
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	1	1.9	1	2.4	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	4	7.2	4	7.5	0	0.0	5	9.4	5	12.2	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	1.8	1	1.9	0	0.0	5	9.4	5	12.2	0	0.0
Congenital Anomalies, 740-759	6	10.8	6	11.2	0	0.0	3	5.7	2	4.9	1	8.4
Certain Conditions Originating in the Perinatal Period, 760-779	46	82.8	46	85.9	0	0.0	23	43.4	20	48.7	3	25.3
Symptoms and Ill-Defined Conditions, 780-799	18	32.4	18	33.6	0	0.0	28	52.3	21	51.1	7	58.9
Accidents, E800-E949	28	50.4	28	52.3	0	0.0	16	30.2	15	36.5	1	8.4
Motor Vehicle Accidents, E810-E825	14	25.2	14	26.1	0	0.0	8	15.1	8	19.5	0	0.0
All Other Accidents, E800-E809, E826-E949	5	9.0	5	9.3	0	0.0	5	9.4	2	4.9	3	25.3
Suicide, E950-E959	46	82.8	44	82.1	0	0.0	31	58.5	26	63.3	5	42.1
Homicide and Legal Intervention, E960-E978												
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, 1997

CAUSE OF DEATH/ICD CODE(S)	ESCAMBIA COUNTY						ETOWAH 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	410	12.2	289	12.4	121	11.6	1,330	13.7	1,147	14.0	183	12.3
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	2	2.1	2	2.4	0	0.0
Meningococcal Infection, 036	1	3.0	0	0.0	1	9.5	0	0.0	0	0.0	0	0.0
Septicemia, 038	6	17.8	4	17.2	2	19.1	21	21.6	17	20.7	4	26.9
Human Immunodeficiency Virus Infection, 042-044	2	5.9	2	8.6	0	0.0	3	3.1	0	0.0	3	20.2
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	1	1.0	1	1.2	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	100	296.3	67	287.9	33	315.0	280	288.4	246	299.3	34	228.4
Lip, Oral Cavity and Pharynx, 140-149	12	35.6	1	4.3	11	105.0	2	2.1	2	2.4	0	0.0
Digestive Organs and Peritoneum, 150-159	25	74.1	19	81.7	6	57.3	48	49.4	40	48.7	8	53.7
Respiratory and Intra-thoracic Organs, 160-165	26	77.1	22	94.5	4	38.2	103	106.1	94	114.4	9	60.5
Breast, 174-175	8	23.7	2	8.6	6	57.3	21	21.6	19	23.1	2	13.4
Genitourinary Organs, 179-189	9	26.7	8	34.4	1	9.5	43	44.3	35	42.6	8	53.7
Leukemia, 204-208	7	20.7	2	8.6	5	47.7	4	4.1	3	3.7	1	6.7
All Other Sites, 166-173, 176-178, 190-203	13	38.5	13	55.9	0	0.0	59	60.8	53	64.5	6	40.3
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	6	17.8	1	4.3	5	47.7	6	6.2	5	6.1	1	6.7
Diabetes Mellitus, 250	8	23.7	8	34.4	0	0.0	31	31.9	19	23.1	12	80.6
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	2	2.1	2	2.4	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	3	3.1	1	1.2	2	13.4
Meningitis, 320-322	1	3.0	0	0.0	1	9.5	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	14	41.5	10	60.2	4	36.2	25	25.8	23	28.0	2	13.4
Major Cardiovascular Diseases, 390-448	156	462.3	107	459.8	49	467.8	558	574.8	487	592.6	71	477.0
Diseases of Heart, 390-398, 402, 404-429	120	355.6	82	352.4	38	362.8	471	485.2	409	497.7	62	416.5
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	4	11.9	0	0.0	4	38.2	3	3.1	3	3.7	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	22	65.2	3	12.9	19	181.4	10	10.3	173	210.5	19	127.6
Iscemic Heart Disease, 410-414	62	183.7	51	219.2	11	105.0	192	197.8	173	210.5	19	127.6
Other Diseases of Heart, 405, 415-429	32	94.8	28	120.3	4	38.2	266	274.0	226	275.0	40	268.7
Hypertension with or without Renal Disease, 401, 403	12	35.6	17	73.1	10	95.5	73	75.2	2	2.4	7	47.0
Cerebrovascular Disease, 430-438	17	50.4	17	73.1	0	0.0	11	11.3	10	12.2	1	6.7
Diseases of the Arteries, 440-448	2	6.2	6	25.8	1	9.5	11	11.3	10	12.2	1	6.7
Atherosclerosis, 440	2	6.2	1	4.3	1	9.5	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	0	0.0	5	21.5	0	0.0	11	11.3	10	12.2	0	0.0
Acute Bronchitis and Bronchiolitis, 466	12	35.6	11	47.3	1	9.5	65	67.0	61	74.2	4	26.9
Pneumonia and Influenza, 480-487	13	38.5	10	43.0	3	28.6	59	60.8	56	68.1	3	20.2
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	8.9	0	0.0	3	28.6	18	18.5	16	19.5	2	13.4
Bronchitis, Emphysema and Asthma, 490-493	10	29.6	10	43.0	0	0.0	41	42.2	40	48.7	1	6.7
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	3.0	1	4.3	0	0.0	4	4.1	3	3.7	1	6.7
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	1	1.0	1	1.2	0	0.0
Appendicitis, 540-543	3	8.9	3	12.9	0	0.0	6	6.2	6	7.3	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	2	8.6	0	0.0	14	14.4	11	13.4	3	20.2
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	1	1.0	1	1.2	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	5.9	2	8.6	0	0.0	29	29.9	22	26.8	7	47.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	2	2.1	2	2.4	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	8.9	2	8.6	1	9.5	5	5.2	5	6.1	0	0.0
Congenital Anomalies, 740-759	4	11.9	1	4.3	3	28.6	4	4.1	2	2.4	2	13.4
Certain Conditions Originating in the Perinatal Period, 760-779	3	8.9	3	12.9	0	0.0	21	21.6	16	19.5	5	33.6
Symptoms and Ill-Defined Conditions, 780-799	13	38.5	8	34.4	5	47.7	55	56.7	48	58.4	7	47.0
Accidents, E800-E949	7	20.7	4	17.2	3	28.6	34	35.0	29	35.3	5	33.6
Motor Vehicle Accidents, E810-E825	6	17.8	4	17.2	2	19.1	21	21.6	19	23.1	2	13.4
All Other Accidents, E800-E809, E826-E949	1	3.0	0	0.0	1	9.5	15	15.5	14	17.0	1	6.7
Suicide, E950-E959	13	38.5	8	34.4	5	47.7	13	13.4	9	11.0	4	26.9
Homicide and Legal Intervention, E960-E978	40	118.5	30	128.9	10	95.5	103	106.1	87	105.9	16	107.5
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, 1997

CAUSE OF DEATH/ICD CODE(S)	FRANKLIN COUNTY						FAYETTE COUNTY					
	TOTAL			BLACK AND OTHER			TOTAL			BLACK AND OTHER		
	NUMBER	RATE		NUMBER	RATE		NUMBER	RATE		NUMBER	RATE	
TOTAL ALL CAUSES	230	13.2	13.3	203	13.3	12.5	360	13.1	345	13.3	10.9	
Tuberculosis, All Forms, 010-018	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Meningococcal Infection, 036	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Septicemia, 038	2	11.5	6.6	1	6.6	46.4	4	14.6	4	15.4	0.0	
Human Immunodeficiency Virus Infection, 042-044	1	5.7	0.0	0	0.0	46.4	2	7.3	2	7.7	0.0	
Viral Hepatitis, 070	0	0.0	0.0	0	0.0	0.0	1	3.7	1	3.8	0.0	
Syphilis, 090-097	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	51	292.9	314.7	48	314.7	139.2	85	310.4	80	307.6	363.4	
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0.0	0	0.0	0.0	1	3.7	1	3.8	0.0	
Digestive Organs and Peritoneum, 150-159	12	68.9	72.1	11	72.1	46.4	12	43.8	12	46.1	0.0	
Respiratory and Intra-thoracic Organs, 160-165	11	63.2	65.6	10	65.6	46.4	19	69.4	19	73.1	0.0	
Breast, 174-175	3	17.2	19.7	3	19.7	0.0	2	7.3	2	7.7	0.0	
Genitourinary Organs, 179-189	8	46.0	45.9	7	45.9	46.4	14	51.1	12	46.1	145.3	
Leukemia, 204-208	5	28.7	32.8	5	32.8	0.0	2	7.3	1	3.8	72.7	
All Other Sites, 166-173, 176-178, 190-203	12	68.9	78.7	12	78.7	0.0	35	127.8	33	126.9	145.3	
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	5.7	6.6	1	6.6	0.0	1	3.7	1	3.8	0.0	
Diabetes Mellitus, 250	7	40.2	32.8	5	32.8	92.8	16	58.4	15	57.7	72.7	
Nutritional Deficiencies, 260-269	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Anemias, 280-285	0	0.0	0.0	0	0.0	0.0	3	11.0	3	11.5	0.0	
Meningitis, 320-322	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Alzheimer's Disease, 3310	0	0.0	0.0	0	0.0	0.0	5	18.3	5	19.2	0.0	
Major Cardiovascular Diseases, 390-448	116	666.3	681.7	104	681.7	556.8	145	529.6	139	534.5	436.0	
Diseases of Heart, 390-398, 402, 404-429	93	534.2	537.5	82	537.5	510.4	116	423.7	111	426.9	363.4	
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	11.5	13.1	2	13.1	0.0	1	3.7	1	3.8	0.0	
Hypertension with Heart and Renal Disease, 402, 404	5	28.7	32.8	5	32.8	0.0	3	11.0	3	11.5	0.0	
Ischemic Heart Disease, 410-414	36	206.8	216.3	33	216.3	139.2	52	189.9	52	200.0	0.0	
Other Diseases of Heart, 405, 415-429	50	287.2	275.3	42	275.3	371.2	60	219.1	55	211.5	363.4	
Hypertension with or without Renal Disease, 401, 402	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Cerebrovascular Disease, 430-438	20	114.9	131.1	20	131.1	46.4	25	91.3	24	92.3	72.7	
Diseases of the Arteries, 440-448	3	17.2	13.1	2	13.1	0.0	4	14.6	4	15.4	0.0	
Atherosclerosis, 440	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Other Diseases of the Arteries, 441-448	3	17.2	13.1	2	13.1	46.4	3	11.0	3	11.5	0.0	
Acute Bronchitis and Bronchiolitis, 466	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Pneumonia and Influenza, 480-487	4	23.0	26.2	4	26.2	0.0	10	36.5	10	38.5	0.0	
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	1	5.7	6.6	1	6.6	0.0	19	69.4	19	73.1	0.0	
Bronchitis, Emphysema and Asthma, 490-493	3	17.2	19.7	3	19.7	0.0	3	11.0	3	11.5	0.0	
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	5.7	6.6	1	6.6	0.0	16	58.4	16	61.5	0.0	
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0.0	0	0.0	0.0	1	3.7	1	3.8	0.0	
Appendicitis, 540-543	0	0.0	0.0	0	0.0	0.0	1	3.7	1	3.8	0.0	
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	5.7	6.6	1	6.6	0.0	0	0.0	0	0.0	0.0	
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0.0	0	0.0	0.0	2	7.3	2	7.7	0.0	
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	11.5	13.1	2	13.1	0.0	0	0.0	0	0.0	0.0	
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	3	17.2	13.1	2	13.1	46.4	6	21.9	6	23.1	0.0	
Infections of the Kidney, 590	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Hyperplasia of Prostate, 600	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	
Congenital Anomalies, 740-759	3	17.2	19.7	3	19.7	0.0	5	18.3	4	15.4	72.7	
Certain Conditions Originating in the Perinatal Period, 760-779	1	5.7	6.6	1	6.6	0.0	0	0.0	0	0.0	0.0	
Symptoms and Ill-Defined Conditions, 780-799	12	68.9	65.6	10	65.6	92.8	16	58.4	15	57.7	73.7	
Accidents, E800-E949	9	51.7	45.9	7	45.9	92.8	10	36.5	10	38.5	0.0	
Motor Vehicle Accidents, E810-E825	3	17.2	19.7	3	19.7	46.4	6	21.9	5	19.2	72.7	
All Other Accidents, E800-E809, E826-E949	2	11.5	6.6	1	6.6	0.0	1	3.7	1	3.8	0.0	
Suicide, E950-E959	2	11.5	6.6	1	6.6	46.4	1	3.7	1	3.8	0.0	
Homicide and Legal Intervention, E960-E978	2	11.5	6.6	1	6.6	0.0	1	3.7	1	3.8	0.0	
All Other Diseases, Residual	17	97.6	91.8	14	91.8	139.2	31	113.2	30	115.4	72.7	

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, 1997

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	286	12.3	267	13.2	19	6.6	127	13.1	35	20.0	92	11.6
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	2	8.6	2	9.9	0	0.0	1	10.3	0	0.0	1	12.6
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	1	4.3	0	0.0	1	34.6	1	10.3	0	0.0	1	12.6
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	53	228.5	51	251.2	2	69.1	33	340.4	10	572.1	23	289.4
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	13	56.0	13	64.0	0	0.0	6	61.9	0	0.0	6	75.5
Respiratory and Intrathoracic Organs, 160-165	20	86.2	18	88.7	2	69.1	10	103.1	6	343.2	4	50.3
Breast, 174-175	3	12.9	3	14.8	0	0.0	4	41.3	2	114.4	2	25.2
Genitourinary Organs, 179-189	5	21.6	5	24.6	0	0.0	6	61.9	0	0.0	6	75.5
Leukemia, 204-208	0	0.0	0	0.0	0	0.0	4	41.3	1	57.2	3	37.8
All Other Sites, 166-173, 176-178, 190-203	12	51.7	12	59.1	0	0.0	3	30.9	1	57.2	2	25.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	4.3	1	4.9	0	0.0	4	41.3	0	0.0	4	50.3
Diabetes Mellitus, 250	13	56.0	11	54.2	2	69.1	4	41.3	0	0.0	4	50.3
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	1	10.3	0	0.0	1	12.6
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	7	30.2	7	34.5	0	0.0	0	0.0	0	0.0	0	0.0
Major Cardiovascular Diseases, 390-448	129	556.2	122	601.0	7	241.9	51	526.0	16	915.3	35	440.4
Diseases of Heart, 390-398, 402, 404-429	101	435.5	95	468.0	6	207.3	45	464.2	13	743.7	32	402.7
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	8	34.5	8	39.4	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	55	237.1	49	241.4	6	207.3	16	165.0	6	343.2	10	125.8
Ischemic Heart Disease, 410-414	38	163.8	38	187.2	0	0.0	29	299.1	7	400.5	22	276.8
Other Diseases of Heart, 405, 415-429	2	8.6	2	9.9	0	0.0	5	51.6	3	171.6	2	25.2
Hypertension with or without Renal Disease, 401, 403	20	86.2	19	93.6	1	34.6	1	10.3	0	0.0	1	12.6
Cerebrovascular Disease, 430-438	6	25.9	6	29.6	0	0.0	1	10.3	0	0.0	1	12.6
Diseases of the Arteries, 440-448	4	17.2	4	19.7	0	0.0	1	10.3	0	0.0	1	12.6
Atherosclerosis, 440	2	8.6	2	9.9	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	4	17.2	4	19.7	0	0.0	3	30.9	1	57.2	2	25.2
Pneumonia and Influenza, 480-487	17	73.3	17	83.7	0	0.0	1	10.3	0	0.0	1	12.6
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	4	17.2	4	19.7	0	0.0	1	10.3	0	0.0	1	12.6
Bronchitis, Emphysema and Asthma, 490-493	13	56.0	13	64.0	0	0.0	1	10.3	0	0.0	1	12.6
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	3	12.9	3	14.8	0	0.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	7	30.2	6	29.6	1	34.6	3	30.9	0	0.0	3	37.8
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertrophy of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	2	8.6	1	4.9	1	34.6	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	2	8.6	1	4.9	1	34.6	2	20.6	1	57.2	1	12.6
Symptoms and Ill-Defined Conditions, 780-799	10	43.1	8	39.4	2	69.1	11	113.5	4	228.8	7	86.1
Accidents, E800-E949	4	17.2	3	14.8	1	34.6	8	82.5	4	228.8	4	50.3
Motor Vehicle Accidents, E810-E825	6	25.9	5	24.6	1	34.6	3	30.9	0	0.0	3	37.8
All Other Accidents, E800-E809, E826-E949	1	4.3	1	4.9	0	0.0	0	0.0	0	0.0	0	0.0
Suicide, E950-E959	2	8.6	1	4.9	1	34.6	4	41.3	0	0.0	4	50.3
Homicide and Legal Intervention, E960-E973	1	4.3	1	4.9	0	0.0	0	0.0	0	0.0	0	0.0
All Other Diseases, Residual	32	138.0	31	152.7	1	34.6	11	113.5	3	171.6	8	100.7

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, 1997

CAUSE OF DEATH/ICD CODE(S)	HALE COUNTY					HENRY 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	190	12.4	85	13.2	105	11.8	179	11.6	114	11.2	65	12.4
Tuberculosis, All Forms, 010-018	1	6.5	0	0.0	1	11.2	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	3	19.5	0	0.0	3	33.6	2	13.0	2	19.6	0	0.0
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	1	6.5	0	0.0	1	19.1
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	29	188.5	15	232.2	14	157.0	51	330.5	35	342.8	16	306.4
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	5	32.5	3	46.4	2	22.4	15	97.2	10	97.9	5	95.7
Respiratory and Intra-thoracic Organs, 160-165	10	65.0	4	61.9	6	67.3	15	97.2	12	117.5	3	57.4
Breast, 174-175	1	6.5	0	0.0	1	11.2	3	19.4	2	19.6	1	19.1
Genitourinary Organs, 179-189	8	52.0	5	77.4	3	33.6	12	77.8	7	68.6	5	95.7
Leukemia, 204-208	2	13.0	2	31.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other Sites, 166-173, 176-178, 190-203	3	19.5	1	15.5	2	22.4	6	38.9	4	39.2	2	38.3
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	6.5	0	0.0	1	11.2	0	0.0	0	0.0	0	0.0
Diabetes Mellitus, 250	14	91.0	4	61.9	10	112.1	4	25.9	1	9.8	3	57.4
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	4	26.0	3	46.4	1	11.2	1	6.5	1	9.8	0	0.0
Major Cardiovascular Diseases, 390-448	81	526.6	37	572.7	44	493.3	70	453.6	48	470.1	22	421.3
Diseases of Heart, 390-398, 402, 404-429	59	383.6	24	371.5	35	392.4	50	324.0	33	323.2	17	325.5
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	5	32.5	1	15.5	4	44.8	3	19.4	1	9.8	2	38.3
Ischemic Heart Disease, 410-414	32	208.0	15	232.2	17	190.6	23	149.0	17	166.5	6	114.9
Other Diseases of Heart, 405, 415-429	22	143.0	8	123.8	14	157.0	24	155.5	15	146.9	9	172.3
Hypertension with or without Renal Disease, 401, 403	1	6.5	0	0.0	1	11.2	1	6.5	1	9.8	0	0.0
Cerebrovascular Disease, 430-438	16	104.0	10	154.8	6	67.3	12	77.8	8	78.3	4	76.6
Diseases of the Arteries, 440-448	5	32.5	3	46.4	2	22.4	7	45.4	6	58.8	1	19.1
Atherosclerosis, 440	2	13.0	1	15.5	1	11.2	3	19.4	2	19.6	1	19.1
Other Diseases of the Arteries, 441-448	3	19.5	2	31.0	1	11.2	4	25.9	4	39.2	0	0.0
Acute Bronchitis and Bronchiolitis, 466	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	8	52.0	5	77.4	3	33.6	9	58.3	3	29.4	6	114.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	19.5	1	15.5	2	22.4	5	32.4	0	0.0	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	0	0.0	0	0.0	0	0.0	1	6.5	1	9.8	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	3	19.5	1	15.5	2	22.4	4	25.9	4	39.2	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	1	6.5	1	9.8	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	1	6.5	1	15.5	0	0.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	4	26.0	1	15.5	3	33.6	1	6.5	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	2	13.0	0	0.0	2	22.4	1	6.5	1	9.8	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	10	65.0	4	61.9	6	67.3	10	64.8	6	58.8	4	76.6
Congenital Anomalies, 740-759	6	39.0	3	46.4	3	33.6	6	38.9	4	39.2	2	38.3
Certain Conditions Originating in the Perinatal Period, 760-779	4	26.0	1	15.5	3	33.6	4	25.9	2	19.6	2	38.3
Symptoms and Ill-Defined Conditions, 780-799	2	13.0	2	31.0	0	0.0	1	6.5	0	0.0	0	0.0
Accidents, E800-E949	3	19.5	0	0.0	3	33.6	1	6.5	1	9.8	1	19.1
Motor Vehicle Accidents, E810-E825	22	143.0	12	185.7	10	112.1	16	103.7	9	88.1	7	134.0
All Other Accidents, E800-E809, E826-E949	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Suicide, E950-E959	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention, E960-E978	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other Diseases, Residual	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

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, 1997

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	763	8.9	580	9.0	183	8.5	568	12.4	548	13.0	20	5.6
Tuberculosis, All Forms, 010-018	1	1.2	0	0.0	1	4.6	0	0.0	0	0.0	0	0.0
Meningococcal infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	12	14.0	7	10.9	5	23.2	4	8.8	4	9.5	0	0.0
Human Immunodeficiency Virus infection, 042-044	9	10.5	4	6.2	5	23.2	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	2	2.3	0	3.1	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	175	204.2	135	210.4	40	185.6	134	293.3	129	306.4	5	139.5
Lip, Oral Cavity and Pharynx, 140-149	4	4.7	2	3.1	2	9.3	4	8.8	4	9.5	0	0.0
Digestive Organs and Peritoneum, 150-159	27	31.5	21	32.7	6	27.8	27	59.1	26	61.7	1	27.9
Respiratory and Intrathoracic Organs, 160-165	65	75.8	52	81.0	13	60.3	52	113.8	51	121.1	1	27.9
Breast, 174-175	12	14.0	8	12.5	4	18.6	9	19.7	9	21.4	0	0.0
Genitourinary Organs, 179-189	31	36.2	23	35.8	8	37.1	18	39.4	17	40.4	1	27.9
Leukemia, 204-208	7	8.2	7	10.9	0	0.0	1	2.2	1	2.4	0	0.0
All Other Sites, 166-173, 176-178, 190-203 of Unspecified Nature, 210-239	29	33.8	22	34.3	7	32.5	23	50.3	21	49.9	2	55.8
Diabetes Mellitus, 250	0	0.0	0	0.0	0	0.0	3	6.6	3	7.1	0	0.0
Nutritional Deficiencies, 260-269	12	14.0	8	12.5	4	18.6	20	43.8	19	45.1	1	27.9
Anemias, 280-285	1	1.2	0	0.0	1	4.6	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	1	1.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	0	0.0	0	0.0	0	0.0	4	8.8	4	9.5	0	0.0
Major Cardiovascular Diseases, 390-448	320	373.3	242	377.1	78	361.9	236	516.5	230	546.2	6	167.4
Diseases of Heart, 390-398, 402, 404-429	223	260.1	173	269.6	50	232.0	193	448.9	189	448.9	4	111.6
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	9	10.5	3	4.7	6	27.8	6	13.1	6	14.2	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	0	0.0	0	0.0	0	0.0	1	2.2	1	2.4	0	0.0
Ischemic Heart Disease, 410-414	122	142.3	102	159.0	20	92.8	104	227.6	101	239.9	3	83.7
Other Diseases of Heart, 405, 415-429	92	107.3	68	106.0	24	111.3	82	179.5	81	192.4	1	27.9
Hypertension with or without Renal Disease, 401, 403	2	2.3	0	0.0	2	9.3	1	2.2	1	2.4	0	0.0
Cerebrovascular Disease, 430-438	58	67.7	42	65.5	16	74.2	32	70.0	30	71.2	2	55.8
Diseases of the Arteries, 440-448	37	43.2	27	42.1	10	46.4	10	21.9	10	23.7	0	0.0
Atherosclerosis, 440	23	26.8	17	26.5	6	27.8	2	4.4	2	4.7	0	0.0
Other Diseases of the Arteries, 441-448	14	16.3	10	15.6	4	18.6	8	17.5	8	19.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	1	1.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	22	25.7	20	31.2	2	9.3	15	32.8	15	35.6	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	34	39.7	30	46.8	4	18.6	32	70.0	32	76.0	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	4	4.7	4	6.2	0	0.0	3	6.6	3	7.1	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	30	35.0	26	40.5	4	18.6	29	63.5	29	68.9	0	0.0
Ulcer of Stomach and Duodenum, 531-533	2	2.3	2	3.1	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	1	1.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	2	4.4	2	4.7	0	0.0
Chronic Liver Disease and Cirrhosis, 571	9	10.5	7	10.9	2	9.3	2	4.4	2	4.7	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	1.2	0	0.0	1	4.6	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	6	7.0	5	7.8	1	4.6	14	30.6	13	30.9	1	27.9
Infections of the Kidney, 590	1	1.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	4	4.7	4	6.2	0	0.0	4	8.8	4	9.5	0	0.0
Congenital Anomalies, 740-759	6	7.0	4	6.2	2	9.3	11	24.1	11	26.1	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	13	15.2	8	12.5	5	23.2	36	78.8	34	80.7	2	55.8
Symptoms and Ill-Defined Conditions, 780-799	43	50.2	33	51.4	10	46.4	23	52.5	23	54.6	1	27.9
Accidents, E800-E949	20	26.8	16	24.9	7	32.5	11	26.3	11	26.1	0	0.0
Motor Vehicle Accidents, E810-E825	7	8.2	6	9.4	1	4.6	9	19.7	9	21.4	0	0.0
All Other Accidents, E800-E809, E826-E949	11	12.6	5	7.8	6	27.8	5	10.9	2	4.7	3	83.7
Suicide, E950-E959	1	1.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention, E960-E978	1	1.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
All Other Diseases, Residual	65	75.8	50	77.9	15	69.6	36	78.8	34	80.7	2	55.8

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, 1997

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	7,317	11.5	4,713	11.8	2,604	10.9	198	13.0	171	12.9	27	14.4
Tuberculosis, All Forms, 010-018	6	0.9	2	0.5	4	1.7	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	108	16.9	62	15.5	46	19.3	1	6.6	1	7.5	0	0.0
Human Immunodeficiency Virus Infection, 042-044	42	6.6	7	1.8	35	14.7	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	17	2.7	14	3.5	3	1.3	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	1	0.2	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	1,580	247.8	1,034	259.2	546	228.6	56	368.8	48	360.8	8	425.3
Lip, Oral Cavity and Pharynx, 140-149	369	57.9	221	55.4	148	62.0	2	13.2	1	7.5	1	53.2
Digestive Organs and Peritoneum, 150-159	450	70.6	324	81.2	126	52.8	11	72.4	10	75.2	1	53.2
Respiratory and Intra-thoracic Organs, 160-165	131	20.5	83	20.8	48	20.1	4	26.3	4	30.1	0	0.0
Breast, 174-175	222	34.8	132	33.1	90	37.7	8	52.7	5	37.6	3	169.5
Genitourinary Organs, 178-189	51	8.0	38	9.5	13	5.4	2	13.2	2	15.0	0	0.0
Leukemia, 204-208	337	52.8	222	55.7	115	48.1	12	79.0	12	90.2	0	0.0
All Other Sites, 166-173, 176-178, 190-203	18	2.8	14	3.5	4	1.7	1	6.6	0	0.0	1	53.2
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	196	30.7	90	22.6	106	44.4	2	13.2	2	15.0	0	0.0
Diabetes Mellitus, 250	12	1.9	10	2.5	2	0.8	0	0.0	0	0.0	0	0.0
Nutritional Deficiencies, 260-269	17	2.7	12	3.0	5	2.1	0	0.0	0	0.0	0	0.0
Anemias, 280-285	2	0.3	0	0.0	2	0.8	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	76	11.9	58	14.5	18	7.5	1	6.6	1	7.5	0	0.0
Alzheimer's Disease, 3310	2,699	423.2	1,857	465.5	842	352.5	68	447.8	60	451.0	8	425.3
Major Cardiovascular Diseases, 390-448	2,025	317.5	1,413	354.2	612	256.2	56	368.8	49	368.3	7	372.1
Diseases of Heart, 390-398, 402, 404-429	71	11.1	26	6.5	45	18.8	1	6.6	1	7.5	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1,010	158.4	765	191.8	245	102.6	25	164.6	21	157.8	4	212.7
Hypertension with Heart and Renal Disease, 402, 404	936	146.6	615	154.2	320	134.0	30	197.6	27	202.9	3	159.5
Ischemic Heart Disease, 410-414	57	8.9	24	6.0	33	13.8	0	0.0	0	0.0	0	0.0
Other Diseases of Heart, 405, 415-429	533	83.6	358	89.7	175	73.3	8	52.7	8	60.1	0	0.0
Hypertension with or without Renal Disease, 401, 403	84	13.2	62	15.5	22	9.2	4	26.3	3	22.5	1	53.2
Cerebrovascular Disease, 430-438	22	3.4	13	3.3	9	3.8	1	6.6	1	7.5	0	0.0
Diseases of the Arteries, 440-448	62	9.7	49	12.3	13	5.4	3	19.8	2	15.0	1	53.2
Atherosclerosis, 440	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	291	45.6	212	53.1	79	33.1	9	59.3	6	45.1	3	159.5
Acute Bronchitis and Bronchiolitis, 466	312	48.9	250	62.7	62	26.0	12	79.0	12	90.2	0	0.0
Pneumonia and Influenza, 480-487	79	12.4	55	13.8	24	10.0	3	19.8	3	22.5	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	233	36.5	195	48.9	38	15.9	9	59.3	9	67.6	0	0.0
Bronchitis, Emphysema and Asthma, 490-495	15	2.4	8	2.0	7	2.9	0	0.0	0	0.0	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	16	2.5	11	2.8	5	2.1	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	61	9.6	42	10.5	19	8.0	2	13.2	2	15.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	110	17.2	59	14.8	51	21.4	5	32.9	3	22.5	2	106.3
Chronic Liver Disease and Cirrhosis, 571	4	0.5	4	1.0	0	0.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	24	3.8	16	4.0	8	3.3	1	6.6	1	7.5	0	0.0
Hyperplasia of Prostate, 600	65	10.2	49	12.5	16	6.6	4	26.3	4	30.1	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	303	47.5	141	35.3	162	67.8	3	18.8	2	15.0	1	53.2
Congenital Anomalies, 740-759	152	23.8	103	25.8	49	20.5	18	118.5	17	127.8	1	53.2
Certain Conditions Originating in the Perinatal Period, 760-779	151	23.7	93	23.3	58	24.3	8	52.7	7	52.6	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	89	14.0	71	17.8	18	7.5	2	13.2	2	15.0	0	0.0
Accidents, E800-E949	145	22.7	26	6.5	119	49.8	1	6.6	1	7.5	0	0.0
Motor Vehicle Accidents, E810-E825	793	124.3	492	123.3	301	126.0	11	72.4	9	67.6	2	106.3
All Other Accidents, E826-E949												
Suicide, E950-E959												
Homicide and Legal Intervention, E960-E978												
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, 1997

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	850	10.8	764	10.8	86	10.7	310	9.4	265	10.8	45	5.4
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	11	14.0	10	14.2	1	12.4	1	3.0	0	0.0	1	12.0
Human Immunodeficiency Virus Infection, 042-044	4	5.1	2	2.8	2	24.8	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	2	2.5	2	2.8	0	0.0	1	3.0	1	4.1	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	213	271.3	194	275.4	19	235.5	58	176.6	53	216.1	5	60.1
Lip, Oral Cavity and Pharynx, 140-149	3	3.8	3	4.3	0	0.0	1	3.0	1	4.1	0	0.0
Digestive Organs and Peritoneum, 150-159	40	51.0	37	52.5	3	37.2	11	33.5	10	40.8	1	12.0
Respiratory and Intra-thoracic Organs, 160-165	62	79.0	58	82.3	4	49.6	13	39.6	13	53.0	0	0.0
Breast, 174-175	18	22.7	16	22.7	2	24.8	2	6.1	2	8.2	0	0.0
Genitourinary Organs, 179-189	33	42.0	29	41.2	4	49.6	8	24.4	7	28.5	1	12.0
Leukemia, 204-208	10	12.7	9	12.8	1	12.4	5	15.2	3	12.2	2	24.0
All Other Sites, 166-173, 176-178, 190-203	47	59.9	42	59.6	5	62.0	18	54.8	17	69.3	1	12.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	2.5	1	1.4	1	12.4	3	9.1	1	4.1	2	24.0
Diabetes Mellitus, 250	19	24.2	15	21.3	4	49.6	10	30.4	7	28.5	3	36.0
Nutritional Deficiencies, 260-269	1	1.3	1	1.4	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	2	2.5	2	2.8	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	16	20.4	16	22.7	0	0.0	5	15.2	5	20.4	0	0.0
Major Cardiovascular Diseases, 390-448	302	384.7	270	383.3	32	396.6	122	371.4	104	424.0	18	216.3
Diseases of Heart, 390-398, 402, 404-429	241	307.0	219	310.9	22	272.7	106	322.7	91	371.0	15	180.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	1.3	1	1.4	0	0.0	1	3.0	1	4.1	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	7	8.9	6	8.5	1	12.4	2	6.1	1	4.1	1	12.0
Ischemic Heart Disease, 410-414	88	112.1	76	107.9	12	148.7	37	204.0	58	236.5	9	108.1
Other Diseases of Heart, 405, 415-429	145	184.7	136	193.1	9	111.6	66	109.6	31	126.4	5	60.1
Cerebrovascular Disease, 430-438	2	2.5	2	2.8	0	0.0	1	3.0	0	0.0	1	12.0
Diseases of the Arteries, 440-448	45	57.3	39	55.4	6	74.4	13	39.6	12	48.9	1	12.0
Atherosclerosis, 440	14	17.8	10	14.2	4	49.6	2	6.1	1	4.1	1	12.0
Other Diseases of the Arteries, 441-448	2	2.5	1	1.4	1	12.4	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	1	1.3	1	1.4	0	0.0	1	3.0	1	4.1	0	0.0
Pneumonia and Influenza, 480-487	26	33.1	26	36.9	0	0.0	11	33.5	8	32.6	3	36.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	38	48.4	35	49.7	3	37.2	14	42.6	12	48.9	2	24.0
Bronchitis, Emphysema and Asthma, 490-493	7	8.9	7	9.9	0	0.0	5	15.2	5	20.4	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	31	39.5	28	39.8	3	37.2	9	27.4	7	28.5	2	24.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	2	2.5	1	1.4	1	12.4	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	7	8.9	6	8.5	1	12.4	1	3.0	1	4.1	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	2.5	2	2.8	0	0.0	0	0.0	1	4.1	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	2	2.5	1	1.4	1	12.4	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	2	2.5	1	1.4	1	12.4	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	3.8	3	4.3	0	0.0	1	3.0	0	0.0	1	12.0
Congenital Anomalies, 740-759	5	6.4	4	5.7	1	12.4	4	12.2	3	12.2	1	12.0
Certain Conditions Originating in the Perinatal Period, 760-779	50	63.7	44	62.5	6	74.4	36	109.6	34	138.6	2	24.0
Symptoms and Ill-Defined Conditions, 780-799	45	57.3	40	56.8	5	62.0	22	67.0	20	81.5	2	24.0
Accidents, E800-E949	24	30.6	22	31.2	2	24.8	14	42.6	14	57.1	0	0.0
Motor Vehicle Accidents, E810-E825	21	26.7	18	25.6	3	37.2	14	42.6	14	57.1	0	0.0
All Other Accidents, E800-E809, E826-E949	14	17.8	14	19.9	0	0.0	2	6.1	1	4.1	1	12.0
Suicide, E950-E959	3	3.8	2	2.8	1	12.4	2	6.1	1	4.1	1	12.0
Homicide and Legal Intervention, E960-E978	73	93.0	65	92.3	8	99.2	25	76.1	23	93.8	2	24.0
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, 1997

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	693	7.5		484	7.0		209	8.7		539	9.1		488	9.4		51	6.9	
Tuberculosis, All Forms, 010-018	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Meningococcal Infection, 036	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Septicemia, 038	13	14.0		6	8.7		7	29.2		5	8.4		2	3.8		3	40.3	
Human Immunodeficiency Virus Infection, 042-044	7	7.5		1	1.5		6	25.0		0	0.0		0	0.0		0	0.0	
Viral Hepatitis, 070	0	0.0		0	0.0		0	0.0		1	1.7		1	1.9		0	0.0	
Syphilis, 090-097	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	175	188.3		121	175.5		54	225.1		46	77.4		41	78.8		5	67.2	
Lip, Oral Cavity and Pharynx, 140-149	3	3.2		2	2.9		1	4.2		0	0.0		0	0.0		0	0.0	
Digestive Organs and Peritoneum, 150-159	29	31.2		18	26.1		11	45.9		5	8.4		3	5.8		2	26.9	
Respiratory and Intrathoracic Organs, 160-165	37	39.8		28	40.6		9	37.5		13	21.9		13	25.0		0	0.0	
Breast, 174-175	17	18.3		14	20.3		3	12.5		6	10.1		5	9.6		1	13.4	
Genitourinary Organs, 179-189	37	39.8		20	29.0		17	70.9		10	16.8		8	15.4		2	26.9	
Leukemia, 204-208	6	6.5		4	5.8		2	8.3		1	1.7		1	1.9		0	0.0	
All Other Sites, 166-173, 176-178, 190-203	46	49.5		35	50.8		11	45.9		11	18.5		11	21.1		0	0.0	
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	2.2		2	2.9		0	0.0		0	0.0		0	0.0		0	0.0	
Diabetes Mellitus, 250	20	21.5		11	16.0		9	37.5		11	18.5		7	13.5		4	53.7	
Nutritional Deficiencies, 260-269	1	1.1		0	0.0		1	4.2		0	0.0		0	0.0		0	0.0	
Anemias, 280-285	2	2.2		2	2.9		0	0.0		0	0.0		0	0.0		0	0.0	
Meningitis, 320-322	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Alzheimer's Disease, 3310	6	6.5		6	8.7		0	0.0		0	0.0		0	0.0		0	0.0	
Major Cardiovascular Diseases, 390-448	243	261.4		170	246.5		73	304.3		366	615.6		337	648.0		29	389.7	
Diseases of Heart, 390-398, 402, 404-429	185	199.0		124	179.8		61	254.3		338	568.5		311	598.0		27	362.8	
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	1.1		1	1.5		0	0.0		2	3.4		2	3.8		0	0.0	
Hypertension with Heart and Renal Disease, 402, 404	4	4.3		2	2.9		2	8.3		2	3.4		1	1.9		1	13.4	
Ischemic Heart Disease, 410-414	110	118.3		72	104.4		38	158.4		65	109.3		62	119.2		3	40.3	
Other Diseases of Heart, 405, 415-429	70	75.3		49	71.1		21	87.5		269	452.5		246	473.0		23	309.1	
Hypertension with or without Renal Disease, 401, 403	1	1.1		1	1.5		0	0.0		2	3.4		1	1.9		1	13.4	
Cerebrovascular Disease, 430-438	51	54.9		39	56.6		12	50.0		22	37.0		22	42.3		0	0.0	
Diseases of the Arteries, 440-448	6	6.5		6	8.7		0	0.0		4	6.7		3	5.8		1	13.4	
Atherosclerosis, 440	1	1.1		1	1.5		0	0.0		0	0.0		0	0.0		0	0.0	
Other Diseases of the Arteries, 441-448	5	5.4		5	7.3		0	0.0		4	6.7		3	5.8		1	13.4	
Acute Bronchitis and Bronchiolitis, 466	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Pneumonia and Influenza, 480-487	28	28.0		19	27.6		7	29.2		9	15.1		9	17.3		0	0.0	
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	22	23.7		16	23.2		6	25.0		16	26.9		16	30.8		0	0.0	
Bronchitis, Emphysema and Asthma, 490-493	3	3.2		3	4.4		0	0.0		1	1.7		1	1.9		0	0.0	
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	19	20.4		13	18.9		6	25.0		15	25.2		15	28.8		0	0.0	
Ulcer of Stomach and Duodenum, 531-533	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Appendicitis, 540-543	1	1.1		1	1.5		0	0.0		0	0.0		0	0.0		0	0.0	
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	3	3.2		2	2.9		1	4.2		0	0.0		0	0.0		0	0.0	
Chronic Liver Disease and Cirrhosis, 571	7	7.5		6	7.3		2	8.3		4	6.7		4	7.7		0	0.0	
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	1.1		0	0.0		1	4.2		1	1.7		1	1.9		0	0.0	
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	10	10.8		4	5.8		6	25.0		6	10.1		6	11.5		0	0.0	
Infections of the Kidney, 590	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Hypertrophy of Prostate, 600	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0	
Congenital Anomalies, 740-759	4	4.3		3	4.4		1	4.2		0	0.0		0	0.0		0	0.0	
Certain Conditions Originating in the Perinatal Period, 760-779	3	3.2		3	4.3		0	0.0		0	0.0		0	0.0		0	0.0	
Symptoms and Ill-Defined Conditions, 780-799	36	38.7		30	43.5		6	25.0		6	10.1		6	11.5		1	13.4	
Accidents, E800-E949	31	33.3		28	40.6		3	12.5		28	47.1		27	51.9		1	13.4	
Motor Vehicle Accidents, E810-E825	22	23.7		19	27.6		3	12.5		17	28.6		16	30.8		1	13.4	
All Other Accidents, E800-E809, E826-E949	9	9.7		9	13.1		0	0.0		11	18.5		11	21.1		0	0.0	
Suicide, E950-E959	7	7.5		7	10.2		0	0.0		4	6.7		3	5.8		1	13.4	
Homicide and Legal Intervention, E960-E978	7	7.5		1	1.5		6	25.0		5	8.4		4	7.7		1	13.4	
All Other Diseases, Residual	68	71.0		48	69.6		18	75.0		31	52.1		24	46.1		7	84.1	

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, 1997

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	128	10.4	29	9.3	99	10.7	277	11.7	47	14.9	230	11.2
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	1	8.1	0	0.0	1	10.9	3	12.7	0	0.0	3	14.7
Human Immunodeficiency Virus Infection, 042-044	1	8.1	0	0.0	1	10.9	3	12.7	0	0.0	3	14.7
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	25	202.6	6	191.9	19	206.2	66	279.6	6	189.9	60	293.4
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Digestive Organs and Peritoneum, 150-159	4	32.4	0	0.0	4	43.4	22	93.2	2	63.3	20	97.8
Respiratory and Intra-thoracic Organs, 160-165	4	32.4	0	0.0	4	43.4	16	67.8	3	95.0	13	63.6
Breast, 174-175	0	0.0	0	0.0	0	0.0	5	21.2	0	0.0	5	24.5
Genitourinary Organs, 179-189	1	8.1	1	32.0	0	0.0	12	50.8	1	31.7	11	53.8
Leukemia, 204-208	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other Sites, 166-173, 176-178, 190-203	16	129.7	5	159.9	11	119.4	10	42.4	0	0.0	10	48.9
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	8.1	0	0.0	1	10.9	2	8.5	0	0.0	2	9.8
Diabetes Mellitus, 250	10	81.0	0	0.0	10	108.5	8	33.9	0	0.0	8	39.1
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	2	8.5	1	31.7	1	4.9
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	2	16.2	0	0.0	2	21.7	11	47.0	1	31.7	0	0.0
Major Cardiovascular Diseases, 390-448	55	446.7	19	607.8	36	390.7	111	470.2	22	696.4	89	435.3
Diseases of Heart, 390-398, 402, 404-429	45	364.7	16	511.8	29	314.7	85	360.1	15	474.8	70	342.3
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Hypertension with Heart and Renal Disease, 402, 404	6	48.6	0	0.0	6	65.1	3	12.7	0	0.0	3	14.7
Ischemic Heart Disease, 410-414	7	56.7	3	96.0	4	43.4	60	254.2	8	253.2	52	254.3
Other Diseases of Heart, 405, 415-429	32	259.3	13	415.9	19	206.2	21	89.0	7	206.2	14	68.5
Hypertension with or without Renal Disease, 401, 403	0	0.0	0	0.0	0	0.0	4	16.9	1	31.7	3	14.7
Cerebrovascular Disease, 430-438	7	56.7	1	32.0	6	65.1	17	72.0	4	126.6	13	63.6
Diseases of the Arteries, 440-448	3	24.3	2	64.0	1	10.9	5	21.2	2	63.3	3	14.7
Atherosclerosis, 440	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Other Diseases of the Arteries, 441-448	3	24.3	2	64.0	1	10.9	4	16.9	2	63.3	2	9.8
Acute Bronchitis and Bronchiolitis, 466	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	3	24.3	1	32.0	2	21.7	6	25.4	1	31.7	5	24.5
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	0	0.0	0	0.0	0	0.0	6	25.4	3	95.0	3	14.7
Bronchitis, Emphysema and Asthma, 490-493	0	0.0	0	0.0	0	0.0	3	12.7	0	0.0	3	14.7
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	3	12.7	3	95.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	2	8.5	1	31.7	1	4.9
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	4	32.4	0	0.0	4	43.4	9	38.1	1	31.7	8	39.1
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	1	4.9
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	2	16.2	0	0.0	2	21.7	2	8.5	0	0.0	2	9.8
Congenital Anomalies, 740-759	3	24.3	0	0.0	3	32.6	8	33.9	1	31.7	7	34.2
Certain Conditions Originating in the Perinatal Period, 760-779	2	16.2	0	0.0	2	21.7	10	42.4	3	95.0	7	34.2
Symptoms and Ill-Defined Conditions, 780-799	6	48.6	0	0.0	6	65.1	2	8.5	1	31.7	1	4.9
Accidents, E800-E949	5	40.5	0	0.0	5	54.3	2	8.5	2	63.3	6	29.3
Motor Vehicle Accidents, E810-E825	1	8.1	0	0.0	1	10.9	8	33.9	1	31.7	1	4.9
All Other Accidents, E800-E809, E826-E949	0	0.0	0	0.0	0	0.0	2	8.5	1	31.7	1	4.9
Suicide, E950-E959	0	0.0	0	0.0	0	0.0	2	8.5	1	31.7	1	4.9
Homicide and Legal Intervention, E960-E978	4	32.4	1	32.0	3	32.6	11	46.6	2	63.3	9	44.0
All Other Diseases, Residual	9	72.9	2	64.0	7	76.0	20	84.7	4	126.6	16	78.3

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, 1997

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	1,968	7.3	1,588	7.7	380	6.0	246	11.2	120	10.8	126	11.6
Tuberculosis, All Forms, 010-018	2	0.7	1	0.5	1	1.6	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	1	0.4	0	0.0	1	1.6	0	0.0	0	0.0	0	0.0
Septicemia, 038	19	7.0	15	7.2	4	6.4	2	9.1	2	18.0	0	0.0
Human Immunodeficiency Virus Infection, 042-044	10	3.7	4	1.9	6	9.5	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	449	166.2	371	178.9	78	124.1	59	268.4	36	324.8	23	211.0
Lip, Oral Cavity and Pharynx, 140-149	7	2.6	5	2.4	2	3.2	1	4.5	0	0.0	1	9.2
Digestive Organs and Peritoneum, 150-159	86	31.8	67	32.3	19	30.2	9	40.9	5	45.1	4	36.7
Respiratory and Intra-thoracic Organs, 160-165	146	54.0	125	60.3	21	33.4	18	81.9	10	90.2	8	73.4
Breast, 174-175	45	16.7	34	16.4	11	17.5	3	13.6	1	9.0	2	18.4
Genitourinary Organs, 179-189	63	23.3	51	24.6	12	19.1	9	40.9	4	36.1	5	45.9
Leukemia, 204-208	17	6.3	15	7.2	2	3.2	2	9.1	2	18.0	0	0.0
All Other Sites, 166-173, 176-178, 190-203	85	31.5	74	35.7	11	17.5	17	77.3	14	126.3	3	27.5
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	6	2.2	5	2.4	1	1.6	1	4.5	1	9.0	0	0.0
Diabetes Mellitus, 250	44	16.3	32	15.4	12	19.1	16	72.8	9	81.2	7	64.2
Nutritional Deficiencies, 260-269	1	0.4	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	3	1.1	2	1.0	1	1.6	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	19	7.0	19	9.2	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	848	313.8	691	333.2	157	249.8	98	445.8	44	396.9	54	495.5
Major Cardiovascular Diseases, 390-448	695	257.2	570	274.9	125	198.9	66	300.2	33	297.7	33	302.8
Diseases of Heart, 390-398, 402, 404-429	4	1.5	2	1.0	2	3.2	1	4.5	1	9.0	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	15	5.6	6	2.9	9	14.3	4	18.2	1	9.0	3	27.5
Hypertension with Heart and Renal Disease, 402, 404	321	118.8	282	136.0	39	62.1	35	159.2	20	180.4	15	137.6
Ishemic Heart Disease, 410-414	355	131.4	280	135.0	75	119.3	26	118.3	11	99.2	15	137.6
Other Diseases of Heart, 405, 415-429	6	2.2	0	0.0	6	9.5	2	9.1	0	0.0	2	18.4
Hypertension with or without Renal Disease, 401, 403	128	47.4	106	51.1	22	35.0	22	100.1	9	81.2	13	119.3
Cerebrovascular Disease, 430-438	19	7.0	15	7.2	4	6.4	8	36.4	2	18.0	6	55.1
Diseases of the Arteries, 440-448	1	0.4	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis, 440	18	6.7	14	6.8	4	6.4	3	13.6	2	18.0	1	9.2
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	51	18.9	43	20.7	8	12.7	4	18.2	2	18.0	2	18.4
Pneumonia and Influenza, 480-487	80	29.6	68	32.8	12	19.1	17	77.3	6	54.1	11	100.9
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	16	5.9	11	5.3	5	8.0	4	18.2	1	9.0	3	27.5
Bronchitis, Emphysema and Asthma, 490-493	64	23.7	57	27.5	7	11.1	13	59.1	5	45.1	8	73.4
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	2	0.7	1	0.5	1	1.6	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	1	0.4	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	8	3.0	7	3.4	1	1.6	1	4.5	1	9.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	19	7.0	18	8.7	1	1.6	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	1	0.4	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	26	9.6	17	8.2	9	14.3	6	27.3	1	9.0	5	45.9
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	9	3.3	6	2.9	3	4.8	1	4.5	0	0.0	1	9.2
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	8	3.0	3	1.4	5	8.0	1	4.5	0	0.0	1	9.2
Congenital Anomalies, 740-759	15	5.6	12	5.8	3	4.8	4	18.2	2	18.0	2	18.4
Certain Conditions Originating in the Perinatal Period, 760-779	109	40.3	87	42.0	22	35.0	14	63.7	8	72.2	6	55.1
Symptoms and Ill-Defined Conditions, 780-799	51	18.9	47	19.3	11	17.5	8	36.4	6	54.1	2	18.4
Accidents, E800-E949	58	21.5	47	22.7	11	17.5	6	27.3	2	18.0	4	36.7
Motor Vehicle Accidents, E810-E825	32	11.8	26	12.5	6	9.5	1	4.5	1	9.0	0	0.0
All Other Accidents, E800-E809, E826-E949	17	6.3	11	5.3	6	9.5	2	9.1	0	0.0	2	18.4
Suicide, E950-E959	17	6.3	11	5.3	6	9.5	2	9.1	0	0.0	2	18.4
Homicide and Legal Intervention, E960-E978	186	68.8	146	70.4	40	63.7	18	81.9	7	63.1	11	100.9
All Other Diseases, Residual												

¹ The 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, 1997

CAUSE OF DEATH/ICD CODE(S)	MARION COUNTY				MARSHALL 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	382	13.0	369	13.1	13	10.6	840	11.3	830	11.4	10	6.2
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	1	1.3	1	1.4	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	3	10.2	3	10.6	0	0.0	13	17.5	12	16.6	1	62.3
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	2	2.7	1	1.4	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	92	312.2	89	315.0	3	245.5	186	251.0	185	255.2	1	62.3
Lip, Oral Cavity and Pharynx, 140-149	1	3.4	1	3.5	0	0.0	6	8.1	6	8.3	0	0.0
Digestive Organs and Peritoneum, 150-159	19	64.5	18	63.7	1	81.8	41	56.3	41	56.6	0	0.0
Respiratory and Intra-thoracic Organs, 160-165	32	108.6	31	109.7	1	81.8	65	87.7	65	89.7	0	0.0
Breast, 174-175	3	10.2	3	10.6	0	0.0	7	9.4	7	9.7	0	0.0
Genitourinary Organs, 179-189	17	57.7	17	60.2	0	0.0	27	36.4	27	37.2	0	0.0
Leukemia, 204-208	2	6.8	2	7.1	0	0.0	2	2.7	2	2.8	0	0.0
All Other Sites, 166-173, 176-178, 190-203	18	61.1	17	60.2	1	81.8	38	51.3	37	51.0	1	62.3
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0	0	0.0	0	0.0	3	4.0	3	4.1	0	0.0
Diabetes Mellitus, 250	11	37.3	9	31.9	2	163.7	16	21.6	16	22.1	0	0.0
Nutritional Deficiencies, 260-269	1	3.4	1	3.5	0	0.0	1	1.3	1	1.4	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	4	13.6	4	14.2	0	0.0	22	29.7	22	30.3	0	0.0
Major Cardiovascular Diseases, 390-448	149	505.6	145	513.3	4	327.3	335	452.1	333	458.4	2	124.5
Diseases of Heart, 390-398, 402, 404-429	121	410.6	118	417.7	3	245.5	261	352.2	260	358.7	1	62.3
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	1	1.3	1	1.4	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	0	0.0	0	0.0	0	0.0	4	5.4	4	5.5	0	0.0
Ischemic Heart Disease, 410-414	82	278.2	80	283.2	2	163.7	120	161.9	119	164.2	1	62.3
Other Diseases of Heart, 405, 415-429	39	132.3	38	134.5	1	81.8	136	183.5	136	187.6	0	0.0
Hypertension with or without Renal Disease, 401, 403	0	0.0	0	0.0	0	0.0	1	1.3	1	1.4	0	0.0
Cerebrovascular Disease, 430-438	26	88.2	25	88.5	1	81.8	68	91.8	67	92.4	1	62.3
Diseases of the Arteries, 440-448	2	6.8	2	7.1	0	0.0	5	6.7	5	6.9	0	0.0
Atherosclerosis, 440	0	0.0	0	0.0	0	0.0	2	2.7	2	2.8	0	0.0
Other Diseases of the Arteries, 441-448	2	6.8	2	7.1	0	0.0	3	4.0	3	4.1	0	0.0
Acute Bronchitis and Bronchiolitis, 466	1	3.4	1	3.5	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	19	64.5	19	67.3	0	0.0	23	31.0	23	31.7	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	24	81.4	24	85.0	0	0.0	45	60.7	44	60.7	1	62.3
Bronchitis, Emphysema and Asthma, 490-493	2	6.8	2	7.1	0	0.0	6	8.1	6	8.3	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	22	74.6	22	77.9	0	0.0	39	52.6	38	52.4	1	62.3
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	1	1.3	1	1.4	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	3	4.0	3	4.1	0	0.0
Chronic Liver Disease and Cirrhosis, 571	2	6.8	2	7.1	0	0.0	12	16.2	12	16.6	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	9	30.5	9	31.9	0	0.0	1	1.3	1	1.4	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	18	24.3	18	24.8	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	3	10.2	3	10.6	0	0.0	7	9.4	7	9.7	0	0.0
Congenital Anomalies, 740-759	1	3.4	1	3.5	0	0.0	4	5.4	4	5.5	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	6	20.4	6	21.2	0	0.0	11	14.8	11	15.2	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	21	71.3	19	67.3	2	163.7	51	68.8	49	67.6	2	124.5
Accidents, E800-E949	12	40.7	10	35.4	2	163.7	28	37.8	27	37.2	1	62.3
Motor Vehicle Accidents, E810-E825	9	30.5	9	31.9	0	0.0	23	31.0	22	30.3	1	62.3
All Other Accidents, E800-E809, E826-E949	2	6.8	2	7.1	0	0.0	19	25.6	19	26.2	0	0.0
Suicide, E950-E959	2	6.8	2	7.1	1	81.8	6	8.1	5	6.9	1	62.3
Homicide and Legal Intervention, E960-E978	0	0.0	0	0.0	0	0.0	59	79.6	58	80.0	1	62.3
All Other Diseases, Residual	30	101.8	29	102.7	1	81.8	59	79.6	58	80.0	1	62.3

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, 1997

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	3,887	10.1	2,573	9.9	1,314	10.3	229	9.2	128	8.4	101	10.6
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	28	7.2	15	5.8	13	10.2	6	24.2	5	32.7	1	10.5
Human Immunodeficiency Virus Infection, 042-044	28	7.2	7	2.7	21	16.5	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	10	2.6	4	1.5	6	4.7	1	4.0	0	0.0	1	10.5
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	912	236.0	640	247.0	272	213.7	53	213.3	28	183.2	25	261.6
Lip, Oral Cavity and Pharynx, 140-149	18	4.7	11	4.2	7	5.5	1	4.0	0	0.0	1	10.5
Digestive Organs and Peritoneum, 150-159	203	52.5	133	51.3	70	55.0	16	64.4	4	26.2	12	125.5
Respiratory and Intra-thoracic Organs, 160-166	336	87.0	253	97.6	83	65.2	13	52.3	10	65.4	3	31.4
Breast, 174-175	58	15.0	36	13.9	22	17.3	5	20.1	3	19.6	2	20.9
Genitourinary Organs, 179-189	123	31.8	79	30.5	44	34.6	8	32.2	4	26.2	4	41.9
Leukemia, 204-208	32	8.3	21	8.1	11	8.6	2	8.1	1	6.5	1	10.5
All Other Sites, 166-173, 176-178, 190-203	142	36.7	107	41.3	35	27.5	8	32.2	6	39.2	2	20.9
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	19	4.9	13	5.0	6	4.7	0	0.0	0	0.0	0	0.0
Diabetes Mellitus, 250	86	22.3	48	18.5	38	29.9	10	40.3	5	32.7	5	52.3
Nutritional Deficiencies, 260-269	5	1.3	4	1.5	1	0.8	0	0.0	0	0.0	0	0.0
Anemias, 280-285	9	2.3	5	1.9	4	3.1	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	1	0.3	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	31	8.0	23	8.9	8	6.3	1	4.0	0	0.0	0	0.0
Major Cardiovascular Diseases, 390-448	1,543	399.3	1,007	388.6	536	421.2	89	353.2	54	353.2	35	366.3
Diseases of Heart, 390-398, 402, 404-429	1,152	298.1	775	299.1	377	296.3	71	285.8	42	274.7	29	303.5
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	1.8	6	2.3	1	0.8	0	0.0	0	0.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	84	21.7	32	12.3	52	40.9	3	12.1	0	0.0	3	31.4
Ischemic Heart Disease, 410-414	570	147.5	408	157.4	162	127.3	40	161.0	26	170.1	14	146.5
Other Diseases of Heart, 405, 415-429	491	127.1	329	127.0	162	127.3	28	112.7	16	104.7	12	125.6
Hypertension with or without Renal Disease, 401, 403	18	4.7	7	2.7	11	8.6	0	0.0	0	0.0	0	0.0
Cerebrovascular Disease, 430-438	278	71.9	171	66.0	107	84.1	14	56.4	9	58.9	5	52.3
Diseases of the Arteries, 440-448	95	24.6	54	20.8	41	32.2	4	16.1	3	19.6	1	10.5
Atherosclerosis, 440	63	16.3	34	13.1	29	22.8	1	4.0	1	6.5	0	0.0
Other Diseases of the Arteries, 441-448	32	8.3	20	7.7	12	9.4	3	12.1	2	13.1	0	0.0
Acute Bronchitis and Bronchiolitis, 466	4	1.0	1	0.4	3	2.4	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	88	22.8	62	23.9	26	20.4	6	24.2	5	32.7	1	10.5
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	161	41.7	135	52.1	26	20.4	6	24.2	3	19.6	3	31.4
Bronchitis, Emphysema and Asthma, 490-493	34	8.8	26	10.0	8	6.3	1	4.0	1	6.5	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	127	32.9	109	42.1	18	14.1	5	20.1	2	13.1	3	31.4
Ulcer of Stomach and Duodenum, 531-533	7	1.8	4	1.5	3	2.4	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	16	4.1	7	2.7	9	7.1	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	47	12.2	31	12.0	16	12.6	3	12.1	2	13.1	1	10.5
Cholelithiasis and Other Disorders of Gallbladder, 574-575	2	0.5	1	0.4	1	0.8	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	38	9.8	15	5.8	23	18.1	1	4.0	1	6.5	0	0.0
Infections of the Kidney, 590	3	0.8	0	0.0	3	2.4	0	0.0	0	0.0	0	0.0
Hypospadias of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	22	5.7	14	5.4	8	6.3	1	4.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	40	10.4	16	6.2	24	18.9	1	4.0	0	0.0	1	10.5
Certain Conditions Originating in the Perinatal Period, 760-779	64	16.6	30	11.6	34	26.7	14	56.4	6	39.2	8	83.7
Symptoms and ill-Defined Conditions, 780-799	197	51.0	139	53.6	58	45.6	6	24.2	3	19.6	3	31.4
Accidents, E800-E949	95	24.6	80	30.9	15	11.8	4	16.1	1	6.5	1	10.5
Motor Vehicle Accidents, E810-E825	102	26.4	59	22.8	43	33.8	2	8.1	2	13.1	2	20.9
All Other Accidents, E800-E809, E826-E949	58	15.0	47	18.1	11	8.6	6	24.2	3	19.6	3	31.4
Suicide, E950-E959	82	21.2	20	7.7	62	48.7	4	16.1	0	0.0	4	41.9
Homicide and Legal Intervention, E960-E978	386	99.9	284	109.6	102	80.2	21	84.5	12	78.5	9	94.2

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, 1997

CAUSE OF DEATH/ICD CODE(S)	MONTGOMERY COUNTY						MORGAN 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	1,954	9.0	1,158	9.6	796	8.1	967	9.0	883	9.3	84	6.8
Tuberculosis, All Forms, 010-018	1	0.5	1	0.8	0	0.0	1	0.9	1	1.1	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	1	0.9	1	1.1	0	0.0
Septicemia, 038	28	12.8	11	9.2	17	17.3	13	12.1	13	13.7	0	0.0
Human Immunodeficiency Virus Infection, 042-044	16	7.3	1	0.8	15	15.3	1	0.9	0	0.0	1	8.1
Viral Hepatitis, 070	1	0.5	1	0.8	0	0.0	1	0.9	1	1.1	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	431	197.5	269	223.8	162	165.2	215	200.8	198	209.1	17	137.4
Lip, Oral Cavity and Pharynx, 140-149	5	2.3	2	1.7	3	3.1	5	4.7	5	5.3	0	0.0
Digestive Organs and Peritoneum, 150-159	96	44.0	57	47.4	39	39.8	50	46.7	44	46.5	6	48.5
Respiratory and Intra-thoracic Organs, 160-165	138	63.2	106	88.2	32	32.6	59	55.1	58	61.2	1	8.1
Breast, 174-175	31	14.1	17	14.1	14	14.3	15	14.0	13	13.7	2	16.2
Genitourinary Organs, 179-189	73	33.5	29	24.1	44	44.9	39	36.4	33	34.8	6	48.5
Leukemia, 204-208	10	4.6	6	5.0	4	4.1	7	6.5	6	6.3	1	8.1
All Other Sites, 166-173, 176-178, 190-203	78	35.7	52	43.3	26	26.5	40	37.4	39	41.2	1	8.1
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	3	1.4	2	1.7	1	1.0	2	1.9	2	2.1	0	0.0
Diabetes Mellitus, 250	117	53.6	44	36.6	73	74.5	22	20.5	19	20.1	3	24.2
Nutritional Deficiencies, 260-269	6	2.7	4	3.3	2	2.0	4	3.7	1	1.1	0	0.0
Anemias, 280-285	11	5.0	5	4.2	6	6.1	4	3.7	3	3.2	0	0.0
Meningitis, 320-322	1	0.5	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	23	10.5	19	15.8	4	4.1	10	9.3	10	10.6	0	0.0
Major Cardiovascular Diseases, 390-448	712	326.3	454	377.8	258	263.1	418	390.3	383	404.4	35	282.8
Diseases of Heart, 390-398, 402, 404-429	540	247.5	353	293.7	187	190.7	349	325.9	322	340.0	27	218.2
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	5	2.3	3	2.5	2	2.0	5	4.7	5	5.3	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	29	13.3	12	10.0	17	17.3	5	4.7	5	5.3	0	0.0
Ischemic Heart Disease, 410-414	314	143.9	198	164.8	116	118.3	147	137.3	134	141.5	13	105.1
Other Diseases of Heart, 405, 415-429	192	88.0	140	116.5	52	53.0	197	184.0	183	193.2	14	113.1
Hypertension with or without Renal Disease, 401, 403	9	4.1	3	2.5	6	6.1	3	2.8	3	3.2	0	0.0
Cerebrovascular Disease, 430-438	132	60.5	80	66.6	52	53.0	54	50.4	47	49.6	7	56.6
Diseases of the Arteries, 440-448	31	14.2	18	15.0	13	13.3	12	11.2	11	11.6	1	8.1
Atherosclerosis, 440	2	0.9	1	0.8	1	1.0	1	0.9	1	1.1	0	0.0
Other Diseases of the Arteries, 441-448	29	13.3	17	14.1	12	12.2	11	10.3	10	10.6	1	8.1
Acute Bronchitis and Bronchiolitis, 466	44	20.2	22	18.3	22	22.4	35	32.7	35	37.0	0	0.0
Pneumonia and Influenza, 480-487	94	43.1	74	61.6	20	20.4	30	28.0	30	31.7	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	12	5.5	7	5.8	5	5.1	7	6.5	7	7.4	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	82	37.6	67	55.8	15	15.3	23	21.5	23	24.3	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	4	1.8	2	1.7	2	2.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	1	0.5	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	9	4.1	5	4.2	4	4.1	2	1.9	2	2.1	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	23	10.5	11	9.2	12	12.2	7	6.5	6	6.3	1	8.1
Chronic Liver Disease and Cirrhosis, 571	2	0.9	1	0.8	1	1.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	25	11.5	14	11.6	11	11.2	13	12.1	8	8.4	5	40.4
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	14	6.4	5	4.2	9	9.2	3	2.8	2	2.1	3	24.2
Congenital Anomalies, 740-759	19	8.7	9	7.5	14	14.3	8	7.5	5	5.3	3	24.2
Certain Conditions Originating in the Perinatal Period, 760-779	18	8.2	9	7.5	9	9.2	11	10.3	9	9.5	2	16.2
Symptoms and ill-Defined Conditions, 780-799	81	37.1	42	34.9	39	39.8	69	64.4	63	66.5	6	48.5
Accidents, E800-E949	42	19.2	20	16.6	22	22.4	41	38.3	38	40.1	3	24.2
Motor Vehicle Accidents, E810-E825	39	17.9	22	18.3	17	17.3	28	26.1	25	26.4	3	24.2
All Other Accidents, E800-E809, E826-E949	3	1.5	2	1.6	5	5.1	10	9.3	10	10.6	0	0.0
Suicide, E950-E959	25	11.5	8	6.7	23	23.5	4	3.7	1	1.1	3	24.2
Homicide and Legal Intervention, E960-E978	31	14.2	8	6.7	23	23.5	10	9.3	10	10.6	1	8.1
All Other Diseases, Residual	214	98.1	127	105.7	87	88.7	86	80.3	80	84.5	6	48.5

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, 1997

CAUSE OF DEATH(ICD CODE(S))	PERRY COUNTY						PICKENS 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	166	14.6	60	16.5	106	13.8	247	12.2	159	13.6	88	10.3
Tuberculosis, All Forms, 010-018	1	8.8	0	0.0	1	13.0	0	0.0	0	0.0	0	0.0
Meningococcal infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	3	26.5	2	55.0	1	13.0	1	4.9	0	0.0	1	11.8
Human immunodeficiency virus infection, 042-044	0	0.0	0	0.0	0	0.0	2	9.9	0	0.0	2	23.5
Viral hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues, 140-208	40	352.8	22	605.2	18	233.7	55	271.8	28	238.8	27	317.5
Lip, oral cavity and pharynx, 140-149	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Digestive organs and peritoneum, 150-159	12	105.8	6	165.1	6	77.9	8	39.5	3	25.6	5	58.8
Respiratory and intrathoracic organs, 160-165	12	105.8	8	220.1	4	51.9	14	68.2	10	85.3	4	47.0
Breast, 174-175	1	8.8	1	27.5	0	0.0	0	0.0	0	0.0	0	0.0
Genitourinary organs, 179-189	9	79.4	3	82.5	6	77.9	6	29.7	1	8.5	5	58.8
Leukemia, 204-208	1	8.8	1	27.5	0	0.0	3	14.8	2	17.1	1	11.8
All other sites, 166-173, 176-178, 190-203	5	44.1	3	82.5	2	26.0	24	118.6	12	102.3	12	141.1
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature, 210-239	0	0.0	0	0.0	0	0.0	2	9.9	2	17.1	0	0.0
Diabetes mellitus, 250	7	61.7	0	0.0	7	90.9	4	19.8	1	8.5	3	36.3
Nutritional deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	1	27.5	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's disease, 3310	1	8.8	1	27.5	0	0.0	3	14.8	2	17.1	1	11.8
Major cardiovascular diseases, 390-448	50	441.0	10	275.1	40	519.3	109	538.8	78	665.1	31	364.5
Diseases of heart, 390-398, 402, 404-429	37	326.4	7	192.6	30	389.5	96	474.5	70	596.9	26	305.7
Active rheumatic fever & chronic rheumatic heart disease, 390-398	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with heart and renal disease, 402, 404	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ischemic heart disease, 410-414	17	150.0	4	110.0	13	168.8	30	148.3	19	162.0	11	129.3
Other diseases of heart, 405, 415-429	20	176.4	3	82.5	17	220.7	66	326.2	51	434.9	15	176.4
Hypertension with or without renal disease, 401, 403	1	8.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cerebrovascular disease, 430-438	10	88.2	2	55.0	8	103.9	10	49.4	6	51.2	4	47.0
Diseases of the arteries, 440-448	2	17.6	1	27.5	1	13.0	3	14.8	2	17.1	1	11.8
Atherosclerosis, 440	1	8.8	0	0.0	1	13.0	0	0.0	0	0.0	0	0.0
Other diseases of the arteries, 441-448	1	8.8	1	27.5	0	0.0	3	14.8	2	17.1	1	11.8
Acute bronchitis and bronchiolitis, 466	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and influenza, 480-487	4	35.3	1	27.5	3	39.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease, and allied conditions, 490-496	8	70.6	5	137.6	3	39.0	10	49.4	9	76.7	1	11.8
Bronchitis, emphysema and asthma, 490-493	5	44.1	5	137.6	0	0.0	1	4.9	1	8.5	0	0.0
Other chronic obstructive pulmonary disease, and allied conditions, 494-496	3	26.5	0	0.0	3	39.0	9	44.5	8	68.2	1	11.8
Ulcer of stomach and duodenum, 531-533	0	0.0	0	0.0	0	0.0	1	4.9	1	8.5	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of abdominal cavity and intestinal obstruction without mention of hernia, 550-553, 560	0	0.0	0	0.0	0	0.0	1	4.9	0	0.0	0	0.0
Chronic liver disease and cirrhosis, 571	0	0.0	0	0.0	0	0.0	1	4.9	0	0.0	1	11.8
Cholelithiasis and other disorders of gallbladder, 574-575	0	0.0	0	0.0	0	0.0	1	4.9	1	8.5	0	0.0
Nephritis, nephrotic syndrome and nephrosis, 580-589	4	35.3	0	0.0	4	51.9	2	9.9	1	8.5	1	11.8
Infections of the kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of pregnancy, childbirth, and the puerperium, 630-676	4	35.3	1	27.5	3	39.0	2	9.9	0	0.0	2	23.5
Congenital anomalies, 740-759	14	123.5	8	220.1	6	77.9	6	29.7	2	17.1	4	47.0
Certain conditions originating in the perinatal period, 760-779	8	70.6	2	55.0	6	77.9	15	74.1	12	102.3	3	35.3
Symptoms and ill-defined conditions, 780-799	3	26.5	1	27.5	2	26.0	9	44.5	8	68.2	1	11.8
Accidents, E800-E949	5	44.1	1	27.5	4	51.9	6	29.7	4	34.1	2	23.5
Motor vehicle accidents, E810-E825	2	17.6	0	0.0	2	26.0	1	4.9	0	0.0	1	11.8
All other accidents, E800-E809, E826-E949	3	26.5	1	27.5	2	26.0	5	23.5	4	34.1	1	11.8
Suicide, E950-E959	0	0.0	0	0.0	0	0.0	1	4.9	0	0.0	1	11.8
Homicide and legal intervention, E960-E978	2	17.6	0	0.0	2	26.0	1	4.9	0	0.0	1	11.8
All other diseases, residual	18	158.8	7	192.6	11	142.8	17	84.0	10	85.3	7	82.3

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, 1997

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	333	12.3	215	12.3	118	12.4	204	10.3	156	10.3	48	10.3
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	1	3.7	1	5.7	0	0.0	2	10.1	2	13.2	0	0.0
Human Immunodeficiency Virus Infection, 042-044	1	3.7	0	0.0	1	10.5	1	5.1	0	0.0	1	21.6
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	69	255.1	43	245.7	26	272.2	39	197.3	26	171.9	13	280.2
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	2	10.1	2	13.2	0	0.0
Digestive Organs and Peritoneum, 150-159	14	51.8	10	57.1	4	41.9	14	70.8	5	33.1	9	194.0
Respiratory and Intra-thoracic Organs, 160-165	22	81.3	14	80.0	8	83.8	11	55.7	9	59.5	2	43.1
Breast, 174-175	5	18.5	3	17.1	2	20.9	4	20.2	3	19.8	1	21.6
Genitourinary Organs, 179-189	11	40.7	6	34.3	5	52.3	3	15.2	3	19.8	0	0.0
Leukemia, 204-208	1	3.7	1	5.7	0	0.0	2	10.1	1	6.6	1	21.6
All Other Sites, 166-173, 176-178, 190-203	16	59.1	9	51.4	7	73.3	3	15.2	3	19.8	0	0.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	1	3.7	1	5.7	0	0.0	2	10.1	2	13.2	0	0.0
Diabetes Mellitus, 250	9	33.3	6	34.3	3	31.4	2	10.1	0	0.0	2	43.1
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	1	3.7	0	0.0	1	10.5	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	6	22.2	4	22.9	2	20.9	1	5.1	1	6.6	0	0.0
Major Cardiovascular Diseases, 390-448	154	569.3	103	588.6	51	533.9	86	435.1	71	469.4	15	323.3
Diseases of Heart, 390-398, 402, 404-429	131	484.3	93	531.5	38	397.8	64	323.8	52	343.8	12	258.7
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	0	0.0	0	0.0	0	0.0	1	5.1	1	6.6	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	4	14.8	3	17.1	1	10.5	1	5.1	1	6.6	0	0.0
Ischemic Heart Disease, 410-414	4	14.8	3	17.1	1	10.5	1	5.1	1	6.6	0	0.0
Other Diseases of Heart, 405, 415-429	69	255.1	48	274.3	21	219.8	41	207.4	33	218.2	8	172.5
Hypertension with or without Renal Disease, 401, 403	58	214.4	42	240.0	16	167.5	21	106.2	17	112.4	4	86.2
Cerebrovascular Disease, 430-438	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the Arteries, 440-448	16	59.1	6	34.3	10	104.7	16	80.9	13	85.9	3	64.7
Atherosclerosis, 440	7	25.9	4	22.9	3	31.4	6	30.4	6	39.7	0	0.0
Other Diseases of the Arteries, 441-448	3	11.1	2	11.4	1	10.5	2	10.1	2	13.2	0	0.0
Acute Bronchitis and Bronchiolitis, 466	4	14.8	2	11.4	2	20.9	4	20.2	4	26.4	0	0.0
Pneumonia and Influenza, 480-487	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	5	18.5	3	17.1	2	20.9	8	40.5	6	39.7	2	43.1
Bronchitis, Emphysema and Asthma, 490-493	8	29.5	7	40.0	1	10.5	11	55.7	11	72.7	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	3.7	1	5.7	0	0.0	1	5.1	1	6.6	0	0.0
Ulcer of Stomach and Duodenum, 531-533	7	25.9	6	34.3	1	10.5	10	50.6	10	66.1	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	3.7	0	0.0	1	10.5	2	10.1	1	6.6	1	21.6
Chronic Liver Disease and Cirrhosis, 571	6	22.2	4	22.9	2	20.9	1	5.1	1	6.6	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	7	25.9	6	34.3	1	10.5	3	15.2	1	6.6	2	43.1
Infections of the Kidney, 590	1	3.7	1	5.7	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	3	11.1	1	5.7	2	20.9	1	5.1	1	6.6	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	4	14.8	2	11.4	2	20.9	2	10.1	2	13.2	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	5	18.5	5	28.6	0	0.0	8	40.5	6	39.7	2	43.1
Accidents, E800-E949	23	85.0	15	85.7	8	83.8	13	65.8	10	66.1	3	64.7
Motor Vehicle Accidents, E810-E825	13	48.1	8	45.7	5	52.3	9	45.5	7	46.3	2	43.1
All Other Accidents, E800-E809, E826-E949	10	37.0	7	40.0	3	31.4	4	20.2	3	19.8	1	21.6
Suicide, E950-E959	2	7.4	2	11.4	0	0.0	4	20.2	4	26.4	0	0.0
Homicide and Legal Intervention, E960-E978	4	14.8	1	5.7	3	31.4	1	5.1	0	0.0	1	21.6
All Other Diseases, Residual	22	81.3	10	57.1	12	125.6	17	86.0	11	72.7	6	129.3

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, 1997

CAUSE OF DEATH/ICD CODE(S)	RUSSELL COUNTY						ST. CLAIR 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	543	11.8		351	12.4		192	10.8		513	9.2		457	9.0		56	11.2
Tuberculosis, All Forms, 010-018	0	0.0		0	0.0		0	0.0		1	1.8		1	2.0		0	0.0
Meningococcal Infection, 036	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Septicemia, 038	6	13.0		2	7.1		4	22.5		8	14.4		6	11.8		2	40.0
Human Immunodeficiency Virus Infection, 042-044	1	2.2		0	0.0		1	5.6		1	1.8		1	2.0		0	0.0
Viral Hepatitis, 070	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Syphilis, 090-097	1	2.2		0	0.0		1	5.6		0	0.0		0	0.0		0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	124	269.3		72	254.8		52	292.3		120	215.5		106	209.1		14	280.1
Lip, Oral Cavity and Pharynx, 140-149	0	0.0		0	0.0		0	0.0		1	1.8		1	2.0		0	0.0
Digestive Organs and Peritoneum, 150-159	24	52.1		12	42.5		12	67.5		21	37.7		15	29.6		6	120.0
Respiratory and Intrathoracic Organs, 160-165	39	84.7		26	92.0		13	73.1		43	77.2		40	78.9		3	60.0
Breast, 174-175	10	21.7		5	17.0		5	28.1		7	12.6		6	11.8		1	20.0
Genitourinary Organs, 179-189	22	47.8		12	42.5		10	56.2		19	34.1		17	33.5		2	40.0
Leukemia, 204-208	6	13.0		4	14.2		2	11.2		3	5.4		3	5.9		0	0.0
All Other Sites, 166-173, 176-178, 190-203	23	49.9		13	46.0		10	56.2		26	46.7		24	47.3		2	40.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	4.3		1	3.5		1	5.6		1	1.8		1	2.0		0	0.0
Diabetes Mellitus, 250	14	30.4		10	35.4		4	22.5		4	7.2		4	7.9		0	0.0
Nutritional Deficiencies, 260-269	1	2.2		1	3.5		0	0.0		1	1.8		1	2.0		0	0.0
Anemias, 280-285	1	2.2		0	0.0		1	5.6		4	7.2		2	3.9		2	40.0
Meningitis, 320-322	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Alzheimer's Disease	6	13.0		5	17.7		1	5.6		9	16.2		9	17.8		0	0.0
Major Cardiovascular Diseases, 390-448	156	338.8		105	371.5		51	286.7		209	375.2		190	374.8		19	380.2
Diseases of Heart, 390-398, 402, 404-429	105	228.0		74	261.9		31	174.3		174	312.4		156	307.7		18	360.1
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	4.3		1	3.5		1	5.6		10	18.0		6	11.8		4	80.0
Hypertension with Heart and Renal Disease, 402, 404	66	143.3		50	176.9		16	90.0		93	167.0		85	167.7		8	160.1
Ischemic Heart Disease, 410-414	36	78.2		22	77.8		14	78.7		71	127.5		65	128.2		6	120.0
Other Diseases of Heart, 405, 415-429	41	89.0		23	81.4		18	101.2		27	48.5		26	51.3		1	20.0
Hypertension with or without Renal Disease, 401, 403	10	21.7		8	28.3		2	11.2		11	12.6		7	13.8		0	0.0
Cerebrovascular Disease, 430-438	3	6.5		2	7.1		1	5.6		2	3.6		2	3.9		0	0.0
Diseases of the Arteries, 440-448	7	15.2		6	21.2		1	5.6		5	9.0		5	9.9		0	0.0
Atherosclerosis, 440	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Other Diseases of the Arteries, 441-448	15	32.6		9	31.8		6	33.7		27	48.5		25	49.3		2	40.0
Acute Bronchitis and Bronchiolitis, 466	13	28.2		10	35.4		3	16.9		16	28.7		15	29.6		1	20.0
Pneumonia and Influenza, 480-487	4	8.7		3	10.6		1	5.6		2	3.6		2	3.9		0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	9	19.5		7	24.8		2	11.2		14	25.1		13	25.6		1	20.0
Bronchitis, Emphysema and Asthma, 490-493	2	4.3		2	7.1		0	0.0		3	5.4		3	5.9		0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Appendicitis, 540-543	2	4.3		2	7.1		0	0.0		3	5.4		3	5.9		0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of	2	4.3		2	7.1		0	0.0		0	0.0		0	0.0		0	0.0
Hernia, 550-553, 560	9	19.5		6	21.2		3	16.9		5	9.0		5	9.9		0	0.0
Chronic Liver Disease and Cirrhosis, 571	1	2.2		0	0.0		0	0.0		1	1.8		0	0.0		0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	7	15.2		5	17.7		2	11.2		5	9.0		4	7.9		1	20.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	2.2		1	3.5		0	0.0		0	0.0		0	0.0		0	0.0
Infections of the Kidney, 590	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Hyperplasia of Prostate, 600	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	4	8.7		4	14.2		0	0.0		0	0.0		0	0.0		0	0.0
Congenital Anomalies, 740-759	1	2.2		0	0.0		0	0.0		1	1.8		1	2.0		0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	98	212.8		62	219.4		36	202.4		12	21.5		10	19.7		2	40.0
Symptoms and Ill-Defined Conditions, 780-799	19	41.3		15	53.1		4	22.5		37	66.4		33	65.1		4	80.0
Accidents, E800-E949	12	26.1		9	31.8		3	16.9		25	44.9		23	45.4		2	40.0
Motor Vehicle Accidents, E810-E825	7	15.2		6	21.2		1	5.6		12	21.6		10	19.7		2	40.0
All Other Accidents, E800-E809, E826-E949	6	13.0		6	21.2		0	0.0		7	12.6		5	9.9		2	40.0
Suicide, E950-E959	0	0.0		0	0.0		0	0.0		0	0.0		0	0.0		0	0.0
Homicide and Legal Intervention, E960-E978	6	13.0		2	7.1		4	22.5		3	5.4		2	3.9		1	20.0
All Other Diseases, Residual	47	102.1		31	109.7		16	90.0		35	62.8		33	65.1		2	40.0

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, 1997

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	837	6.7	755	6.6	82	8.5	175	11.3	57	13.2	118	10.5
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	4	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	4	3.2	4	3.5	0	0.0	1	6.5	0	0.0	1	8.9
Human Immunodeficiency Virus Infection, 042-044	4	3.2	2	1.7	2	20.7	1	6.5	0	0.0	1	8.9
Viral Hepatitis, 070	3	2.4	3	2.6	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	181	145.8	167	145.9	14	144.7	31	200.0	9	208.5	22	196.7
Lip, Oral Cavity and Pharynx, 140-149	4	3.2	4	3.5	0	0.0	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	33	26.6	29	25.3	4	41.3	4	25.8	2	46.3	2	17.9
Respiratory and Intra-thoracic Organs, 160-165	56	45.1	54	47.2	2	10.3	9	58.1	2	46.3	7	62.6
Breast, 174-175	12	9.7	11	9.6	1	62.0	0	0.0	0	0.0	0	0.0
Genitourinary Organs, 179-189	31	25.0	25	21.8	6	62.0	5	32.3	1	23.2	4	35.8
Leukemia, 204-208	7	5.6	7	6.1	0	0.0	2	12.9	1	23.2	1	8.9
All Other Sites, 166-173, 176-178, 190-203	38	30.6	37	32.3	1	10.3	11	71.0	3	69.5	8	71.5
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	1.6	1	0.9	1	10.3	1	6.5	0	0.0	1	8.9
Diabetes Mellitus, 250	16	12.9	15	13.1	1	10.3	4	25.8	1	23.2	3	26.8
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	4	3.2	4	3.5	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	1	0.8	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	10	8.1	10	8.7	0	0.0	0	0.0	0	0.0	0	0.0
Major Cardiovascular Diseases, 390-448	275	221.5	251	219.3	24	248.0	81	522.5	23	532.9	58	518.6
Diseases of Heart, 390-398, 402, 404-429	215	173.2	201	175.6	14	144.7	58	374.2	15	347.5	43	384.4
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	0.8	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	9	7.2	7	6.1	2	20.7	5	32.3	1	23.2	4	35.8
Ischemic Heart Disease, 410-414	107	86.2	104	90.8	3	31.0	17	109.7	3	69.5	14	125.2
Other Diseases of Heart, 405, 415-429	98	77.7	89	77.7	9	93.0	36	232.2	11	254.9	25	223.5
Hypertension with or without Renal Disease, 401, 403	3	2.4	3	2.6	0	0.0	5	32.3	3	69.5	2	17.9
Cerebrovascular Disease, 430-438	48	38.7	40	34.9	8	82.7	17	109.7	4	92.7	13	116.2
Diseases of the Arteries, 440-448	9	7.2	7	6.1	2	20.7	1	6.5	1	23.2	0	0.0
Atherosclerosis, 440	2	1.6	2	1.7	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	7	5.6	5	4.4	2	20.7	1	6.5	1	23.2	0	0.0
Acute Bronchitis and Bronchiolitis, 466	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pneumonia and Influenza, 480-487	39	31.4	36	31.4	3	31.0	5	32.3	2	46.3	3	26.8
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 480-496	30	24.2	30	26.2	0	0.0	8	51.6	3	69.5	5	44.7
Bronchitis, Emphysema and Asthma, 490-493	7	5.6	7	6.1	0	0.0	2	12.9	0	0.0	2	26.8
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	23	18.5	23	20.1	0	0.0	6	38.7	3	69.5	3	26.8
Ulcer of Stomach and Duodenum, 531-533	1	0.8	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	4	3.2	3	2.6	1	10.3	3	19.4	2	46.3	1	8.9
Chronic Liver Disease and Cirrhosis, 571	4	3.2	4	3.5	0	0.0	1	6.5	1	23.2	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	1	0.8	0	0.0	1	10.3	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	12	9.7	10	8.7	2	20.7	1	6.5	1	23.2	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	1	0.8	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital Anomalies, 740-759	6	4.8	5	4.4	1	10.3	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	9	7.2	8	7.2	1	10.3	7	45.2	2	46.3	5	44.7
Symptoms and Ill-Defined Conditions, 780-799	95	76.5	84	73.4	11	113.7	13	83.9	7	162.2	6	53.6
Accidents, E800-E949	55	44.3	44	38.4	11	113.7	5	32.3	3	69.5	2	17.9
Motor Vehicle Accidents, E810-E825	36	29.0	26	22.7	10	103.3	8	51.6	4	92.7	4	35.8
All Other Accidents, E800-E809, E826-E949	19	15.3	18	15.7	1	10.3	3	19.4	3	69.5	0	0.0
Suicide, E950-E959	12	9.7	12	10.5	0	0.0	3	19.4	1	23.2	0	0.0
Homicide and Legal Intervention, E960-E978	6	4.8	4	3.5	2	20.7	1	6.5	1	23.2	0	0.0
All Other Diseases, Residual	62	49.9	58	50.7	4	41.3	13	83.9	1	23.2	12	107.3

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, 1997

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	867	11.7	626	12.3	241	10.4	510	13.0	403	14.0	107	10.3
Tuberculosis, All Forms, 010-018	1	1.4	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	8	10.8	5	9.9	3	12.9	7	17.9	5	17.3	2	19.3
Human Immunodeficiency Virus Infection, 042-044	4	5.4	0	0.0	4	17.2	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	181	244.7	141	278.1	40	172.0	79	201.5	60	208.0	19	183.6
Lip, Oral Cavity and Pharynx, 140-149	3	4.1	2	3.9	1	4.3	1	2.6	1	3.5	0	0.0
Digestive Organs and Peritoneum, 150-159	36	48.7	31	61.1	5	21.5	15	38.3	12	41.6	3	29.0
Respiratory and Intra-thoracic Organs, 160-165	56	75.7	47	92.7	9	38.7	15	38.3	13	45.1	2	19.3
Breast, 174-175	14	18.9	9	17.7	5	21.5	7	17.9	6	20.8	1	9.7
Genitourinary Organs, 179-189	30	40.6	22	43.4	8	34.4	17	43.4	10	34.7	7	67.6
Leukemia, 204-208	4	5.4	4	7.9	0	0.0	3	10.4	3	10.4	0	0.0
All Other Sites, 166-173, 176-178, 190-203	38	51.4	26	51.3	12	51.6	21	53.6	15	52.0	6	58.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	3	4.1	2	3.9	1	4.3	2	5.1	2	6.9	0	0.0
Diabetes Mellitus, 250	30	40.6	15	29.6	15	64.5	20	51.0	16	55.5	4	38.7
Nutritional Deficiencies, 260-269	1	1.4	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0	1	2.6	1	3.5	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	10	13.5	8	15.8	2	8.6	8	20.4	8	27.7	0	0.0
Major Cardiovascular Diseases, 390-448	376	508.3	279	550.2	97	417.1	197	502.5	153	530.3	44	425.2
Diseases of Heart, 390-398, 402, 404-429	290	392.1	220	433.8	70	301.0	152	387.7	119	412.4	33	318.9
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	3	4.1	1	2.0	2	8.6	3	7.7	2	6.9	1	9.7
Hypertension with Heart and Renal Disease, 402, 404	129	174.4	100	197.2	29	124.7	97	247.4	78	270.3	19	183.6
Ischemic Heart Disease, 410-414	158	213.6	119	234.7	39	167.7	52	132.6	39	135.2	13	125.6
Other Diseases of Heart, 405, 415-429	4	5.4	0	0.0	4	17.2	4	10.2	2	6.9	2	19.3
Hypertension with or without Renal Disease, 401, 403	73	98.7	52	102.5	21	90.3	30	76.5	22	76.2	8	77.3
Cerebrovascular Disease, 430-438	9	12.2	7	13.8	2	8.6	11	28.1	10	34.7	1	9.7
Diseases of the Arteries, 440-448	0	0.0	0	0.0	0	0.0	2	5.1	2	6.9	0	0.0
Atherosclerosis, 440	9	12.2	7	13.8	2	8.6	9	23.0	8	27.7	1	9.7
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	36	48.7	25	49.3	11	47.3	22	56.1	21	72.8	1	9.7
Pneumonia and Influenza, 480-487	40	54.1	35	69.0	5	21.5	26	66.3	22	76.2	4	38.7
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	4.1	3	5.9	0	0.0	1	2.6	1	3.5	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	37	50.0	32	63.1	5	21.5	25	63.8	21	72.8	4	38.7
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	1	2.6	1	3.5	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	1	1.4	1	2.0	0	0.0	4	10.2	4	13.9	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	6	8.1	4	7.9	2	8.6	6	15.3	4	13.9	2	19.3
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	20	27.0	12	23.7	8	34.4	8	20.4	7	24.3	1	9.7
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	1.4	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	4	5.4	4	7.9	0	0.0	4	10.2	4	13.9	0	0.0
Congenital Anomalies, 740-759	5	6.8	3	5.9	2	8.6	3	7.7	2	6.9	1	9.7
Certain Conditions Originating in the Perinatal Period, 760-779	15	20.3	7	13.8	8	34.4	47	119.9	37	128.2	10	96.6
Symptoms and Ill-Defined Conditions, 780-799	34	46.0	22	43.4	12	51.6	28	71.4	25	86.6	3	29.0
Accidents, E800-E949	22	29.7	14	27.6	8	34.4	17	43.4	16	55.5	1	9.7
Motor Vehicle Accidents, E810-E825	12	16.2	8	15.8	4	17.2	11	28.1	9	31.2	2	19.3
All Other Accidents, E800-E809, E826-E949	9	12.2	8	15.8	1	4.3	8	20.4	8	27.7	0	0.0
Suicide, E950-E959	10	13.5	4	7.9	6	25.8	3	7.7	1	3.5	2	19.3
Homicide and Legal Intervention, E960-E978	72	97.3	48	94.7	24	103.2	36	91.8	22	76.2	14	135.3

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, 1997**

CAUSE OF DEATH/ICD CODE(S)	TUSCALOOSA COUNTY						WALKER 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	1,300	8.2	927	8.0	373	8.6	857	12.8	810	13.0	47	10.6
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	1	0.6	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	23	14.5	14	12.1	9	20.9	10	15.0	9	14.4	1	22.6
Human Immunodeficiency Virus Infection, 042-044	2	1.3	2	1.7	0	0.0	1	1.5	0	0.0	1	22.6
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	3	4.5	3	4.8	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	299	188.6	216	187.1	83	192.4	172	257.2	166	265.8	6	135.7
Lip, Oral Cavity and Pharynx, 140-149	3	1.9	3	2.6	0	0.0	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	60	37.8	35	30.3	25	58.0	40	59.8	39	62.5	1	22.6
Respiratory and Intra-thoracic Organs, 160-165	101	63.7	79	68.4	22	51.0	53	79.3	52	83.3	1	22.6
Breast, 174-175	27	17.0	19	16.5	8	18.5	12	17.9	12	19.2	0	0.0
Genitourinary Organs, 179-189	37	23.3	27	23.4	10	23.2	25	37.4	24	38.4	1	22.6
Leukemia, 204-208	9	5.7	7	6.1	2	4.6	5	7.5	5	8.0	0	0.0
All Other Sites, 166-173, 176-178, 190-203	62	39.1	46	39.8	16	37.1	37	55.3	34	54.4	3	67.8
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	2	1.3	1	0.9	1	2.3	0	0.0	0	0.0	0	0.0
Diabetes Mellitus, 250	31	19.5	20	17.3	11	25.5	26	38.9	24	38.4	2	45.2
Nutritional Deficiencies, 260-269	2	1.3	2	1.7	0	0.0	1	1.5	1	1.6	0	0.0
Anemias, 280-285	1	0.6	0	0.0	1	2.3	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	11	6.9	11	9.5	0	0.0	3	4.5	3	4.8	0	0.0
Alzheimer's Disease, 3310	507	319.7	359	311.0	148	343.1	352	526.4	333	533.2	19	429.7
Major Cardiovascular Diseases, 390-448	408	257.3	290	251.2	118	273.5	293	438.2	278	445.2	15	339.2
Diseases of Heart, 390-398, 402, 404-429	3	1.9	2	1.7	1	2.3	1	1.5	1	1.6	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	32	20.2	13	11.3	19	44.0	7	10.5	7	11.2	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	173	109.1	128	110.9	45	104.3	166	248.2	158	253.0	8	180.9
Ischemic Heart Disease, 410-414	200	126.1	147	127.3	53	122.9	119	178.0	112	179.3	7	158.3
Other Diseases of Heart, 405, 415-429	5	3.2	3	2.6	2	4.6	4	6.0	4	6.4	0	0.0
Hypertension with or without Renal Disease, 401, 403	79	49.8	53	45.9	26	60.3	43	64.3	40	64.1	3	67.8
Cerebrovascular Disease, 430-438	15	9.5	13	11.3	2	4.6	12	17.9	11	17.6	1	22.6
Diseases of the Arteries, 440-448	6	3.8	5	4.3	1	2.3	2	3.0	2	3.2	0	0.0
Atherosclerosis, 440	9	5.7	8	6.9	1	2.3	10	15.0	9	14.4	1	22.6
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	60	37.8	46	39.8	14	32.5	37	55.3	35	56.0	2	45.2
Pneumonia and Influenza, 480-487	55	34.7	42	36.4	13	30.1	47	70.3	46	73.7	1	22.6
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	4	2.5	3	2.6	1	2.3	12	17.9	12	19.2	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	51	32.2	39	33.8	12	27.8	35	52.3	34	54.4	1	22.6
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	0.6	1	0.9	0	0.0	1	1.5	1	1.6	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	3	1.9	2	1.7	1	2.3	5	7.5	5	8.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	15	9.5	13	11.3	2	4.6	9	13.5	8	12.8	1	22.6
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0	3	4.5	3	4.8	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	16	10.1	8	6.9	8	18.5	22	32.9	19	30.4	3	67.8
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	0.6	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	12	7.6	7	6.1	5	11.6	2	3.0	2	3.2	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	12	7.6	2	1.7	10	23.2	6	9.0	5	8.0	1	22.6
Congenital Anomalies, 740-759	23	14.5	15	13.0	8	18.5	22	32.9	18	28.8	4	90.5
Certain Conditions Originating in the Perinatal Period, 760-779	68	42.9	50	43.3	18	41.7	53	79.3	52	83.3	1	22.6
Symptoms and Ill-Defined Conditions, 780-799	40	25.2	32	27.7	8	18.5	28	41.9	27	43.2	1	22.6
Accidents, E800-E949	28	17.7	18	15.6	10	23.2	25	37.4	25	40.0	0	0.0
Motor Vehicle Accidents, E810-E825	16	10.1	14	12.1	2	4.6	8	12.0	8	12.8	0	0.0
All Other Accidents, E800-E809, E826-E949	9	5.7	2	1.7	7	16.2	4	6.0	3	4.8	1	22.6
Suicide, E950-E959	130	82.0	98	84.9	32	74.2	69	103.2	65	104.1	4	90.5
Homicide and Legal Intervention, E960-E978												
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, 1997

CAUSE OF DEATH(ICD CODE(S))	WASHINGTON COUNTY						WILCOX 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	10.1	121	11.2	47	8.0	180	14.2	50	12.8	130	14.8
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia, 038	0	0.0	0	0.0	0	0.0	4	31.5	2	51.0	2	22.8
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	36	215.8	28	259.2	8	136.0	40	315.4	12	306.3	28	319.4
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0	2	15.8	0	0.0	2	22.8
Digestive Organs and Peritoneum, 150-159	7	42.0	3	27.8	4	68.0	6	47.3	4	102.1	2	22.8
Respiratory and Intrathoracic Organs, 160-165	13	77.9	10	92.6	3	51.0	14	110.4	4	102.1	10	114.1
Breast, 174-175	2	12.0	2	18.5	0	0.0	3	23.7	1	25.5	2	22.8
Genitourinary Organs, 179-189	9	53.9	9	83.3	0	0.0	13	102.5	1	25.5	12	136.9
Leukemia, 204-208	1	6.0	1	9.3	0	0.0	1	7.9	1	25.5	0	0.0
All Other Sites, 166-173, 176-178, 190-203	4	24.0	3	27.8	1	17.0	1	7.9	1	25.5	0	0.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0	0	0.0	0	0.0	1	7.9	0	0.0	1	11.4
Diabetes Mellitus, 250	1	6.0	1	9.3	0	0.0	7	55.2	1	25.5	6	68.4
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias, 280-285	1	6.0	0	0.0	1	17.0	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Alzheimer's Disease, 3310	2	12.0	2	18.5	0	0.0	1	7.9	1	25.5	0	0.0
Major Cardiovascular Diseases, 390-448	83	497.5	64	592.5	19	323.0	75	591.3	21	536.0	54	616.0
Diseases of Heart, 390-398, 402, 404-429	70	419.6	56	518.5	14	238.0	60	473.0	15	382.8	45	513.3
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	1	6.0	1	9.3	0	0.0	1	7.9	0	0.0	1	11.4
Hypertension with Heart and Renal Disease, 402, 404	28	167.8	24	222.2	4	68.0	21	165.6	8	204.2	13	148.3
Ischemic Heart Disease, 410-414	41	245.8	31	287.0	10	170.0	37	291.7	6	153.1	31	353.6
Other Diseases of Heart, 405, 415-429	1	6.0	0	0.0	1	17.0	1	7.9	0	0.0	1	11.4
Hypertension with or without Renal Disease, 401, 403	10	59.9	6	55.5	4	68.0	13	102.5	5	127.6	8	91.3
Cerebrovascular Disease, 430-438	2	12.0	2	18.5	0	0.0	1	7.9	1	25.5	0	0.0
Diseases of the Arteries, 440-448	1	6.0	1	9.3	0	0.0	0	0.0	0	0.0	0	0.0
Atherosclerosis, 440	1	6.0	1	9.3	0	0.0	0	0.0	0	0.0	0	0.0
Other Diseases of the Arteries, 441-448	1	6.0	0	0.0	1	17.0	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	5	30.0	4	37.0	1	17.0	3	23.7	1	25.5	2	22.8
Pneumonia and Influenza, 480-487	6	36.0	4	37.0	2	34.0	10	78.8	8	204.2	2	22.8
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 490-496	3	18.0	1	9.3	2	34.0	0	0.0	0	0.0	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	3	18.0	3	27.8	0	0.0	10	78.8	8	204.2	2	22.8
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	1	6.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	1	6.0	1	9.3	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	2	12.0	0	0.0	2	34.0	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	1	6.0	0	0.0	1	17.0	6	47.3	2	51.0	4	45.6
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	0	0.0	0	0.0	0	0.0	1	7.9	0	0.0	1	11.4
Congenital Anomalies, 740-759	1	6.0	0	0.0	1	17.0	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	1	6.0	0	0.0	1	17.0	1	7.9	0	0.0	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	11	65.9	6	55.6	5	85.0	17	134.0	1	25.5	16	182.5
Accidents, E800-E949	5	30.0	3	27.8	2	34.0	9	71.0	1	25.5	8	91.3
Motor Vehicle Accidents, E810-E825	6	36.0	3	27.8	3	51.0	8	63.1	0	0.0	8	91.3
All Other Accidents, E800-E809, E826-E949	2	12.0	1	9.3	1	17.0	1	7.9	0	0.0	0	0.0
Suicide, E950-E959	3	18.0	1	9.3	2	34.0	4	31.5	0	0.0	3	34.2
Homicide and Legal Intervention, E960-E978	9	53.9	7	64.8	2	34.0	10	78.8	1	25.5	9	114.1
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, 1997

CAUSE OF DEATH/ICD CODE(S)	WINSTON COUNTY					
	TOTAL		WHITE		BLACK AND OTHER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL ALL CAUSES	258	11.7	256	11.7	2	13.4²
Tuberculosis, All Forms, 010-018	0	0.0	0	0.0	0	0.0
Meningococcal Infection, 036	0	0.0	0	0.0	0	0.0
Septicemia, 038	2	9.1	2	9.1	0	0.0
Human Immunodeficiency Virus Infection, 042-044	0	0.0	0	0.0	0	0.0
Viral Hepatitis, 070	0	0.0	0	0.0	0	0.0
Syphilis, 090-097	0	0.0	0	0.0	0	0.0
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues, 140-208	62	283.1	62	283.1	0	0.0
Lip, Oral Cavity and Pharynx, 140-149	0	0.0	0	0.0	0	0.0
Digestive Organs and Peritoneum, 150-159	16	73.1	16	73.1	0	0.0
Respiratory and Intra-thoracic Organs, 160-165	25	114.1	25	114.1	0	0.0
Breast, 174-175	2	9.1	2	9.1	0	0.0
Genitourinary Organs, 179-189	6	27.4	6	27.4	0	0.0
Leukemia, 204-208	2	9.1	2	9.1	0	0.0
All Other Sites, 166-173, 176-178, 190-203	11	49.9	11	50.2	0	0.0
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature, 210-239	0	0.0	0	0.0	0	0.0
Diabetes Mellitus, 250	6	27.2	6	27.4	0	0.0
Nutritional Deficiencies, 260-269	0	0.0	0	0.0	0	0.0
Anemias, 280-285	0	0.0	0	0.0	0	0.0
Meningitis, 320-322	3	13.6	3	13.7	0	0.0
Alzheimer's Disease, 3310	105	470.3	103	470.3	2	1,342.3 ²
Major Cardiovascular Diseases, 390-448	89	403.6	87	397.2	2	1,342.3 ²
Diseases of Heart, 390-398, 402, 404-429	0	0.0	0	0.0	0	0.0
Active Rheumatic Fever & Chronic Rheumatic Heart Disease, 390-398	2	9.1	2	9.1	0	0.0
Hypertension with Heart and Renal Disease, 402, 404	51	231.3	50	228.3	1	671.1 ²
Ischemic Heart Disease, 410-414	36	163.3	35	159.8	1	671.1 ²
Other Diseases of Heart, 405, 415-429	2	9.1	2	9.1	0	0.0
Hypertension with or without Renal Disease, 401, 403	8	36.3	8	36.5	0	0.0
Cerebrovascular Disease, 430-438	6	27.2	6	27.4	0	0.0
Diseases of the Arteries, 440-448	2	9.1	2	9.1	0	0.0
Atherosclerosis, 440	4	18.1	4	18.3	0	0.0
Other Diseases of the Arteries, 441-448	0	0.0	0	0.0	0	0.0
Acute Bronchitis and Bronchiolitis, 466	10	45.3	10	45.7	0	0.0
Pneumonia and Influenza, 480-487	12	54.4	12	54.8	0	0.0
Chronic Obstructive Pulmonary Dis. and Allied Conditions, 480-496	0	0.0	0	0.0	0	0.0
Bronchitis, Emphysema and Asthma, 490-493	12	54.4	12	54.8	0	0.0
Other Chronic Obstructive Pulmonary Dis. and Allied Conditions, 494-496	1	4.5	1	4.6	0	0.0
Ulcer of Stomach and Duodenum, 531-533	0	0.0	0	0.0	0	0.0
Appendicitis, 540-543	0	0.0	0	0.0	0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction Without Mention of Hernia, 550-553, 560	0	0.0	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis, 571	0	0.0	0	0.0	0	0.0
Cholelithiasis and Other Disorders of Gallbladder, 574-575	6	27.2	6	27.4	0	0.0
Nephritis, Nephrotic Syndrome and Nephrosis, 580-589	0	0.0	0	0.0	0	0.0
Infections of the Kidney, 590	0	0.0	0	0.0	0	0.0
Hyperplasia of Prostate, 600	0	0.0	0	0.0	0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium, 630-676	1	4.5	1	4.6	0	0.0
Congenital Anomalies, 740-759	0	0.0	0	0.0	0	0.0
Certain Conditions Originating in the Perinatal Period, 760-779	6	27.2	6	27.4	0	0.0
Symptoms and Ill-Defined Conditions, 780-799	15	68.0	15	68.5	0	0.0
Accidents, E800-E949	12	54.4	12	54.8	0	0.0
Motor Vehicle Accidents, E810-E825	3	13.6	3	13.7	0	0.0
All Other Accidents, E800-E809, E826-E949	9	40.8	9	41.1	0	0.0
Suicide, E950-E959	0	0.0	0	0.0	0	0.0
Homicide and Legal Intervention, E960-E978	2	9.1	2	9.1	0	0.0
All Other Diseases, Residual	27	122.4	27	123.3	0	0.0

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.



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, 1997**

COUNTY/AREA	TOTAL	WHITE	BLACK AND OTHER
STATE	4,141,410	3,045,059	1,096,351
Autauga	35,727	28,898	6,829
Baldwin	111,971	97,785	14,186
Barbour	25,685	14,238	11,447
Bibb	17,201	13,751	3,450
Blount	41,115	40,403	712
Bullock	11,159	2,711	8,448
Butler	21,598	12,641	8,957
Calhoun	114,607	91,061	23,546
Chambers	35,565	22,566	12,999
Cherokee	19,926	18,656	1,270
Chilton	33,824	29,967	3,857
Choctaw	15,490	8,542	6,948
Clarke	27,062	15,402	11,660
Clay	12,957	10,816	2,141
Cleburne	12,836	12,225	611
Coffee	41,447	33,509	7,933
Colbert	49,740	41,196	8,544
Conecuh	13,155	7,362	5,793
Coosa	10,901	7,088	3,813
Covington	36,018	31,128	4,890
Crenshaw	13,270	9,793	3,477
Cullman	71,309	70,428	881
Dale	50,233	39,634	10,599
Dallas	44,588	17,669	26,919
DeKalb	55,533	53,567	1,966
Elmore	52,942	41,067	11,875
Escambia	33,744	23,269	10,475
Etowah	97,071	82,186	14,885
Fayette	17,410	15,255	2,155
Franklin	27,380	26,004	1,376
Geneva	23,194	20,300	2,894
Greene	9,695	1,748	7,947
Hale	15,381	6,461	8,920
Henry	15,433	10,211	5,222
Houston	85,721	64,167	21,554
Jackson	45,691	42,107	3,584
Jefferson	637,733	398,892	238,841
Lamar	15,185	13,304	1,881
Lauderdale	78,505	70,437	8,068
Lawrence	32,848	24,526	8,322
Lee	92,955	68,965	23,990
Limestone	59,452	52,010	7,442
Lowndes	12,340	3,126	9,214
Macon	23,606	3,159	20,447
Madison	270,221	207,379	62,842
Marengo	21,983	11,085	10,898
Marion	29,472	28,250	1,222
Marshall	74,098	72,492	1,606
Mobile	386,399	259,142	127,257
Monroe	24,844	15,288	9,556
Montgomery	218,221	120,172	98,049
Morgan	107,088	94,713	12,375
Perry	11,337	3,635	7,702
Pickens	20,232	11,727	8,505
Pike	27,051	17,499	9,552
Randolph	19,766	15,127	4,639
Russell	46,047	28,260	17,787
St. Clair	55,697	50,699	4,998
Shelby	124,154	114,476	9,678
Sumter	15,501	4,316	11,185
Talladega	73,966	50,709	23,257
Tallapoosa	39,202	28,853	10,349
Tuscaloosa	158,570	115,433	43,137
Walker	66,871	62,449	4,422
Washington	16,683	10,801	5,882
Wilcox	12,684	3,918	8,766
Winston	22,051	21,902	149

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, 1997**

AGE GROUP	TOTAL POPULATION (ESTIMATED)	WHITE			BLACK AND OTHER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
		3,045,059	1,481,643	1,563,416	1,096,351	502,954	593,397
0-4	305,840	196,798	101,394	95,404	109,042	55,138	53,904
5-9	291,223	195,369	100,860	94,509	95,854	48,497	47,357
10-14	292,153	194,901	100,745	94,156	97,252	49,202	48,050
15-19	297,716	195,633	100,407	95,226	102,083	50,982	51,101
20-24	305,589	209,205	106,254	102,951	96,384	45,981	50,403
25-29	277,873	206,805	104,104	102,701	71,068	31,104	39,964
30-34	291,559	219,909	110,706	109,203	71,650	31,498	40,152
35-39	318,558	236,462	118,190	118,272	82,096	35,806	46,290
40-44	309,069	228,423	113,706	114,717	80,646	35,551	45,095
45-49	285,886	219,869	109,019	110,850	66,017	29,793	36,224
50-54	235,508	188,490	92,525	95,965	47,018	21,114	25,904
55-59	195,625	158,450	76,162	82,288	37,175	15,980	21,195
60-64	174,102	141,623	66,811	74,812	32,479	13,434	19,045
65-69	165,445	134,127	60,993	73,134	31,318	12,227	19,091
70-74	147,323	119,456	51,021	68,435	27,867	10,598	17,269
75-79	109,425	89,095	34,806	54,289	20,330	7,309	13,021
80-84	76,077	61,156	20,724	40,432	14,921	4,963	9,958
85 +	62,439	49,288	13,216	36,072	13,151	3,777	9,374

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.



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 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 given below.

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
	FIRST	AND	13 OR LESS	AND	1 OR MORE OR NOT STATED
ADEQUATE	(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 CARE		32-33		3 OR LESS OR NOT STATED
			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

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

$$\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. Under 1 Year of Age}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 1-4}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 5-14}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 15-24}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 25-34}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 35-44}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 45-54}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 55-64}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 65-74}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 75-84}}{1940 \text{ U.S. Standard Million Pop. 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. Aged 85 or More}}{1940 \text{ U.S. Standard Million Pop. Aged 85 or More}} \right) \times 1,000$$

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

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

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

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

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

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

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

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

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

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

(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

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 1997 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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National Vital Statistics Report, Deaths: Final Data for 1997, Volume 47, Number 19, U. S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, Hyattsville, Maryland, June 30, 1999.

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ALABAMA CERTIFICATE OF DEATH

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

County
File
Number —

State File Number **101**

3. _____
6. _____
19. _____
20. _____
26. _____
27. _____
34. _____

1. DECEASED—NAME First Middle Last (Type last name all capitals)				2. DATE OF DEATH (Month, Day, Year)		3. COUNTY OF DEATH	
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. IF HOSPITAL (Specify Inpatient, ER or Outpatient, DOA)			8. OF HISPANIC ORIGIN (Specify Yes or No) If Yes, Specify Cuban, Mexican, Puerto Rican, etc.			9. RACE—(Specify American Indian, Black, White, etc.)	
10. SEX		11. AGE		12. UNDER 1 YEAR		13. DATE OF BIRTH (Month, Day, Year)	
YRS.		MOS.		DAYS		HOURS	
						14. DECEASED'S SOCIAL SECURITY NUMBER	
15. EDUCATION (Specify ONLY highest grade completed below) Elementary or High School (0-12)		16. MARITAL STATUS (Specify Married, Never Married, Widowed, Divorced)		17. SURVIVING SPOUSE (If wife, give maiden name)		18. Was Decedent ever in Armed Forces (Specify Yes or No)	
College (1-4 or 5+)							
19. STATE OF BIRTH (If not in USA, name country)		20. RESIDENCE—STATE		21. COUNTY		22. CITY, TOWN, OR LOCATION AND ZIP CODE	
23. INSIDE CITY LIMITS (Specify Yes or No)		24. STREET AND NUMBER		25. INFORMANT—Name and Address			
26. USUAL OCCUPATION (Give kind of work done during most of working life even if retired)				27. KIND OF BUSINESS OR INDUSTRY			
28. FATHER—NAME First Middle Last				29. MAIDEN NAME OF MOTHER— First Middle Last			
30. DISPOSITION OF BODY (Specify Burial, Cremation, Medical Donation, Hospital Disposal, Other)			31. DATE OF DISPOSITION (Month, Day, Year)		32. CEMETERY OR CREMATORY—Name		33. LOCATION—(City or Town—State)
34. FUNERAL HOME—Name and Address			35. FUNERAL DIRECTOR—Signature			36. DATE SIGNED BY FUNERAL DIRECTOR	
37. — Certifying Physician (Physician certifying cause of death) "To the best of my knowledge death occurred at the time and date, and due to the cause(s) and manner stated." — Medical Examiner — Coroner *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)	
39. TIME AND DATE OF DEATH		40. DATE AND TIME PRONOUNCED DEAD (For Coroner/M.E. use only)			41. NAME AND TITLE OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 46)		
42. ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 46)						43. CERTIFIER LICENSE NUMBER	
44. REGISTRAR—Signature						45. DATE FILED (Month, Day, Year)	

SSN: _____

NAME OF DECEASED _____

46. _____
49. _____
55. _____

MEDICAL CERTIFICATION

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	
IMMEDIATE CAUSE (Final disease or condition resulting in death) →	a. DUE TO (OR AS A CONSEQUENCE OF):			
	b. DUE TO (OR AS A CONSEQUENCE OF):			
	c. DUE TO (OR AS A CONSEQUENCE OF):			
	d. DUE TO (OR AS A CONSEQUENCE OF):			
47. PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I.			48. WAS THERE A PREGNANCY IN LAST 42 DAYS? (Specify Yes, No, or Unk.)	
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)
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.
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.

ADO14-HS 2/Rev. 11-93

PUBLICATIONS AVAILABLE FROM THE CENTER FOR HEALTH STATISTICS

CODE	TITLE/DESCRIPTION OF PUBLICATION	Cost
AVE	Alabama Vital Events (1972-1993) 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.	\$15.00
	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.	
AV1	Alabama Vital Events (1994-1997) - Volume I, Pregnancy Statistics 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.	\$10.00
AV2	Alabama Vital Events (1994-1997) - Volume II, Mortality Statistics 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.	\$10.00
AV3	Alabama Vital Events (1994-1997) - Volume III, Marriage and Divorce Statistics 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.	\$10.00
AV4	Alabama Vital Events (1994-1997) - Volume IV, County Profiles 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.	\$10.00
AV5	Alabama Vital Events - Volume V, Life Expectancy (1995) 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.	\$10.00
AVX	Alabama Vital Events (1997) - Volumes I-IV 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.	\$40.00
DMS	Detailed Mortality Statistics This annual publication is available for each year--1978 through 1997--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.	\$10.00
	NOTE: Hard copies are available for all years except 1982, which is available only on microfiche.	
ABR	Alabama Births by Residence and Occurrence 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.	\$10.00
	NOTE: Hard copies are available for all years.	
TBS	Teenage Birth Statistics 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.	\$10.00
	NOTE: Hard copies are available for all years except 1981, which is available only on microfiche.	

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 each year -- 1993 through 1997.

(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.)

Publications Ordered:

<u>CODE</u>	<u>YEAR</u>	<u>COST PER COPY</u>	<u>QUANTITY</u>	<u>AMOUNT</u>
_____	_____	\$ _____	_____	\$ _____
_____	_____	\$ _____	_____	\$ _____
_____	_____	\$ _____	_____	\$ _____
_____	_____	\$ _____	_____	\$ _____
TOTAL AMOUNT ENCLOSED \$				_____

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