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STATE OF TENNESSEE  
DEPARTMENT OF PUBLIC HEALTH  
NASHVILLE

Annual Bulletin

of

VITAL STATISTICS

FOR THE YEAR

1966

Hon. Buford Ellington

Governor of Tennessee

R. H. Hutcheson, M. D.

Commissioner of Public Health

TABLE IX—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR CITIES OF TENNESSEE OF OVER 10,000 POPULATION, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	ATHENS			BRISTOL			CHATTANOOGA			CLARKSVILLE		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS*	242 18.0	227 18.2	15 15.2	321 15.5	308 15.4	13 17.7	2,468 20.0	1,390 16.9	1,078 26.3	521 19.8	381 19.3	140 21.5
In hospitals	241	226	15	320	308	12	2,450	1,376	1,074	507	381	126
Attended by physicians not in hospitals	1	1		1		1	17	13	4	2		2
Attended by midwives							1	1		12		12
Attended by others or unspecified												
FETAL DEATHS†	6 24.8	5 22.0	1 66.7	5 15.6	5 16.2		56 22.7	25 18.0	31 28.8	11 21.1	8 21.0	3 21.4
In hospitals	5	4	1	5	5		54	23	31	10	8	2
Attended by physicians not in hospitals	1	1					2	2		1		1
Attended by midwives												
Attended by others or unspecified												
TOTAL DEATHS*	105 7.8	98 7.9	7 7.1	199 9.6	182 9.1	17 23.1	1,487 12.1	941 11.4	546 13.3	236 9.0	143 7.2	93 14.1
Under 28 days of age‡	6 24.8	6 26.4		9 28.0	7 22.7	2 153.8	45 18.2	23 16.5	22 20.4	10 19.2	3 7.9	7 50.0
Under one year of age‡	6 24.8	6 26.4		11 34.5	9 29.2	2 153.8	62 25.1	28 20.1	34 31.6	12 23.0	5 13.1	7 50.0
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019)				2 9.7	1 5.0	1	17 13.8	9 10.9	8 19.5	2 7.6	1 5.1	1 15.2
of respiratory system (001-008)				2 9.7	1 5.0	1	14 11.4	8 9.7	6 14.7	2 7.6	1 5.1	1 15.2
Syphilis and its sequelae (020-029)							4 3.2	1 1.2	3 7.3	1 3.8		1 15.2
Gonococcal infection (030-035)												
Typhoid fever (040)												
Undulant fever (044)												
Dysentery, all forms (045-048)												
Scarlet fever and streptococcal sore throat (050, 051)												
Diphtheria (055)												
Whooping cough (059)												
Meningococcal infections (057)												
Tularemia (059)												
Acute poliomyelitis (080)												
Acute infectious encephalitis (082)	1 7.4	1 8.0					2 1.6	2 2.4				
Measles (085)							1 0.8	1 1.2				
Rabies (094)												
Typhus fever (101, 102, 107)												
Rocky Mountain spotted fever (104)												
Malaria (110-117)												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)				1 4.8		1	5 4.1	3 3.6	2 4.9	2 7.6	2 10.1	
Malignant neoplasms (140-205)	20 148.5	19 152.3	1	25 180.9	25 125.4		225 182.7	148 180.0	77 188.1	43 163.3	30 151.9	13 197.4
Benign and unsp. neoplasms (210-239)							4 3.2	2 2.4	2 4.9			
Diabetes mellitus (260)	1 7.4	1 8.0		3 14.5	3 15.0		27 21.9	13 15.8	14 34.2	3 11.4		3 45.6
Pellagra (281)												
Avitaminosis and other deficiency states (280, 282-286)							2 1.6	1 1.2	1 2.4			
Anemias (290-293)												
Vascular lesions affecting central nervous system (330-334)	7 52.0	4 32.1	3	26 125.8	25 125.4	1	199 161.6	119 144.7	80 195.5	26 98.7	13 65.8	13 197.4
Nonmeningococcal meningitis (340)				1 4.8	1 5.0		5 4.1	2 2.4	3 7.3			
Rheumatic fever (400-402)												
Diseases of the heart (410-443)	47 349.0	46 368.7	1	81 391.8	73 366.1	8	478 388.1	350 425.6	128 312.7	71 269.6	48 243.0	23 349.3
Chronic rheumatic heart dis. (410-416)				2 9.7	2 10.0		4 3.2	3 3.6	1 2.4	1 3.8	1 5.1	
Arteriosclerotic and degenerative heart disease (420-422)	39 289.6	38 304.6	1	69 333.7	62 310.9	7	393 319.1	302 367.2	91 222.3	57 216.4	45 227.8	12 182.5
Other diseases of heart (430-434)	3 22.3	3 24.0		2 9.7	1 5.0	1	28 22.7	16 19.5	12 29.3	3 11.4	1 5.1	2 30.4
Hypertension with heart dis. (440-443)	5 37.1	5 40.1		8 38.7	8 40.1		53 43.0	29 35.3	24 58.6	10 38.0	1 5.1	9 136.7
Hypertension without mention of heart (444-447)	2 14.9	2 16.0		2 9.7	2 10.0		14 11.4	7 8.5	7 17.1	1 5.8	1 5.1	
General arteriosclerosis (450)	4 29.7	4 32.1		9 43.5	8 40.1	1	29 23.5	22 26.8	7 17.1	4 15.2	3 15.2	1 15.2
Other dis. of circulatory system (451-468)				3 14.5	1 5.0	2	24 19.5	17 20.7	7 17.1	2 7.6	2 10.1	
Influenza (480-483)				1 4.8	1 5.0		1 0.8	1 1.2				
Pneumonia (490-493)	3 22.3	2 16.0	1	8 38.7	7 35.1	1	46 37.3	27 32.8	19 46.4	6 22.8	3 15.2	3 45.6
Bronchitis (500-502)				1 4.8	1 5.0		6 4.9	5 6.1	1 2.4	1 5.8	1 5.1	
Other respiratory diseases (470-475, 510-527)	1 7.4	1 8.0		6 29.0	6 30.1		17 13.8	12 14.6	5 12.2	6 22.8	4 20.2	2 30.4
Ulcer of stomach and duodenum (540, 541)				2 9.7	2 10.0		2 1.6	1 1.2	1 2.4			
Appendicitis (550-553)												
Hernia and intestinal obstruction (560, 561, 570)	1 7.4	1 8.0					8 6.5	7 8.5	1 2.4	1 5.8		1 15.2
Gastritis, enteritis, etc. (543, 571, 572)							6 4.9	3 3.6	3 7.3	1 5.8		1 15.2
Cirrhosis of liver (581)				1 4.8	1 5.0		11 8.9	10 12.2	1 2.4			
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)				1 4.8	1 5.0		23 18.7	16 19.5	7 17.1	3 11.4	2 10.1	1 15.2
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)							1 0.8		1 2.4			
Chronic and unsp. nephritis and other renal sclerosis (592-594)	1 7.4	1 8.0					19 15.4	6 7.5	13 31.8	2 7.6		2 30.4
Hyperplasia of prostate (610)							4 3.2	1 1.2	3 7.3			
Other diseases of genito-urinary system (600-609, 611-637)	1 7.4	1 8.0		1 4.8	1 5.0		12 9.7	9 10.9	3 7.3	1 5.8		1 15.2
Complications of pregnancy, childbirth and the puerperium (640-689)										1 19.2		1 71.4
Congenital malformations (750-759)				2 9.7	2 10.0		13 10.6	8 9.7	5 12.2	1 3.8	1 5.1	
Birth injuries, postnatal asphyxia and atelectasis (760-762)	4 29.7	4 32.1		3 14.5	3 15.0		16 13.0	10 12.2	6 14.7	3 11.4	1 5.1	2 30.4
Infections of the newborn (763-768)				1 4.8			4 3.2	2 2.4	2 4.9	1 3.8		1 15.2
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	2 14.9	2 16.0		4 19.3	3 15.0	1	21 17.0	8 9.7	13 31.8	5 19.0	2 10.1	3 45.6
Senility, ill-defined and unknown causes (780-795)							93 75.5	35 42.6	58 141.7	24 91.1	12 60.7	12 182.3
Motor vehicle accidents (810-835)	1 7.4	1 8.0		4 19.3	4 20.1		41 33.3	28 34.0	13 31.8	5 19.0	3 15.2	2 30.4
All other accidents (800-802, 840-962)	5 37.1	4 32.1	1	6 29.0	6 30.1		45 36.5	29 35.3	16 39.1	13 49.4	7 35.4	6 91.1
Suicide (963, 970-979)				3 14.5	3 15.0		11 8.9	8 9.7	3 7.3	3 11.4	3 15.2	
Homicide and operations of war (964, 965, 980-999)	2 14.9	2 16.0					20 16.2	5 6.1	15 36.6			
All other diseases	2 14.9	2 16.0		2 9.7	2 10.0		31 25.2	13 15.8	18 44.0	4 15.2	4 20.2	

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.  
 \*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. ††Title numbers are those of the *International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955.*

TABLE IX (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR CITIES OF TENNESSEE OF OVER 10,000 POPULATION, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	CLEVELAND						COLUMBIA						DYERSBURG						EAST RIDGE					
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	430	22.0	387	21.5	43	27.8	417	18.3	299	17.1	118	22.3	226	15.7	168	14.7	58	19.1	209	9.8	208	9.7	1	71.4
In hospitals.....	428	---	387	---	41	---	367	---	299	---	68	---	219	---	167	---	52	---	209	---	208	---	1	---
Attended by physicians not in hospitals.....	1	---	---	---	1	---	33	---	---	---	33	---	1	---	1	---	---	---	---	---	---	---	---	---
Attended by midwives.....	1	---	---	---	1	---	16	---	---	---	16	---	6	---	---	---	6	---	---	---	---	---	---	---
Attended by others or unspecified.....	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
FETAL DEATHS†	10	23.3	8	20.7	1	23.3	12	28.8	5	16.7	7	59.3	3	13.3	2	11.9	1	17.2	4	19.1	4	19.2	---	---
In hospitals.....	9	---	7	---	1	---	11	---	5	---	6	---	2	---	1	---	1	---	4	---	4	---	---	---
Attended by physicians not in hospitals.....	1	---	1	---	---	---	1	---	---	---	1	---	1	---	1	---	---	---	---	---	---	---	---	---
Attended by midwives.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL DEATHS*	192	9.8	168	9.9	24	15.5	237	10.4	172	9.8	65	12.3	165	11.4	123	10.8	42	13.8	114	5.3	114	5.3	---	---
Under 28 days of age‡	7	16.3	7	18.1	---	---	8	19.2	2	6.7	6	50.8	3	13.3	---	---	3	51.7	3	14.4	3	14.4	---	---
Under one year of age‡	9	20.9	9	23.3	---	---	12	28.8	4	13.4	8	67.8	6	26.5	---	---	6	103.4	4	19.1	4	19.2	---	---
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019).....	2	10.2	2	11.1	---	---	1	4.4	---	---	1	18.9	---	---	---	---	---	---	---	---	---	---	---	---
of respiratory system (001-008).....	2	10.2	2	11.1	---	---	1	4.4	---	---	1	18.9	---	---	---	---	---	---	---	---	---	---	---	---
Syphilis and its sequelae (020-029).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gonococcal infection (030-035).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (040).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (044).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (056).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tularemia (059).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute infectious encephalitis (082).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	2	10.2	1	5.5	1	---	3	13.1	2	11.4	1	18.9	---	---	---	---	---	---	1	4.7	1	4.7	---	---
Malignant neoplasms (140-205).....	29	148.1	27	149.7	2	---	33	144.6	25	142.7	8	150.9	21	145.4	19	166.6	2	---	18	84.1	18	84.2	---	---
Benign and unsp. neoplasms (210-239).....	---	---	---	---	---	---	1	4.4	1	5.7	---	---	1	6.9	---	---	---	---	1	4.7	1	4.7	---	---
Diabetes mellitus (260).....	1	5.1	1	5.5	---	---	4	17.5	3	17.1	1	18.9	4	27.7	3	26.3	1	---	3	14.0	3	14.0	---	---
Pellagra (281).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286).....	1	5.1	1	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anemias (290-293).....	---	---	---	---	---	---	1	4.4	---	---	1	18.9	---	---	---	---	---	---	---	---	---	---	---	---
Vascular lesions affecting central nervous system (330-334).....	32	163.4	30	166.3	2	---	37	162.1	26	148.4	11	207.5	21	145.4	15	131.6	6	---	19	88.8	19	88.9	---	---
Nonmeningococcal meningitis (340).....	---	---	---	---	---	---	2	8.8	1	5.7	1	18.9	---	---	---	---	---	---	---	---	---	---	---	---
Rheumatic fever (400-402).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diseases of the heart (410-443).....	58	296.1	49	271.6	9	---	61	267.3	44	251.1	17	320.8	67	464.0	52	456.1	15	---	42	196.3	42	196.5	---	---
Chronic rheumatic heart dis. (410-416).....	---	---	---	---	---	---	1	4.4	1	5.7	---	---	1	6.9	---	---	---	---	---	---	---	---	---	---
Arteriosclerotic and degenerative heart disease (420-422).....	46	234.8	41	227.3	5	---	44	192.8	33	188.3	11	207.5	55	380.9	48	421.0	7	---	38	177.6	38	177.8	---	---
Other diseases of heart (430-434).....	8	40.8	5	27.7	3	---	8	35.1	6	34.2	2	37.7	4	27.7	1	8.8	3	---	---	---	---	---	---	---
Hypertension with heart dis. (440-443).....	4	20.4	3	16.6	1	---	8	35.1	4	22.8	4	75.5	7	48.6	3	26.3	4	---	4	18.7	4	18.7	---	---
Hypertension without mention of heart (444-447).....	1	5.1	1	5.5	---	---	2	8.8	1	5.7	1	18.9	3	20.8	2	17.5	1	---	1	4.7	1	4.7	---	---
General arteriosclerosis (450).....	4	20.4	3	16.6	1	---	4	17.5	4	22.8	---	---	13	90.0	9	78.9	4	---	4	18.7	4	18.7	---	---
Other dis. of circulatory system (451-468).....	3	15.3	2	11.1	1	---	4	17.5	3	17.1	1	18.9	---	---	---	---	---	---	---	---	---	---	---	---
Influenza (480-483).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pneumonia (490-493).....	6	30.6	6	33.3	---	---	8	35.1	6	34.2	2	37.7	6	41.6	4	35.1	2	---	2	9.3	2	9.4	---	---
Bronchitis (500-502).....	1	5.1	1	5.5	---	---	2	8.8	2	11.4	---	---	1	4.7	---	---	---	---	1	4.7	1	4.7	---	---
Other respiratory diseases (470-475, 510-527).....	4	20.4	3	16.6	1	---	5	21.9	4	22.8	1	18.9	3	20.8	3	26.3	---	---	2	9.3	2	9.4	---	---
Ulcer of stomach and duodenum (540, 541).....	1	5.1	1	5.5	---	---	3	13.1	3	17.1	---	---	---	---	---	---	---	---	1	4.7	1	4.7	---	---
Appendicitis (550-553).....	---	---	---	---	---	---	2	8.8	2	11.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hernia and intestinal obstruction (560, 561, 570).....	---	---	---	---	---	---	1	4.4	1	5.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gastritis, enteritis, etc. (543, 571, 572).....	---	---	---	---	---	---	2	8.8	1	5.7	1	18.9	2	13.9	1	8.8	1	---	1	4.7	1	4.7	---	---
Cirrhosis of liver (581).....	1	5.1	1	5.5	---	---	2	8.8	2	11.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	1	5.1	1	5.5	---	---	4	17.5	4	22.8	---	---	1	6.9	1	8.8	---	---	1	4.7	1	4.7	---	---
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic and unsp. nephritis and other renal sclerosis (592-594).....	2	10.2	---	---	2	---	2	8.8	1	5.7	1	18.9	3	20.8	3									

TABLE IX (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR CITIES OF TENNESSEE OF OVER 10,000 POPULATION, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	ELIZABETHTON						GREENEVILLE						JACKSON						JOHNSON CITY						
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	189	16.7	186	17.0	3	9.0	219	15.6	206	15.5	13	16.1	621	15.8	390	13.9	261	19.5	533	16.5	484	16.0	49	22.5	
In hospitals.....	189		186		3		218		206		12		574		357		217		528		482		46		
Attended by physicians not in hospitals.....							1				1		6		3		3		4		2		2		
Attended by midwives.....													41				41		1				1		
Attended by others or unspecified.....																									
FETAL DEATHS†	4	21.2	4	21.5			6	27.4	6	29.1			10	16.1	4	11.1	6	23.0	12	22.5	11	22.7	1	20.4	
In hospitals.....	4		4				6		6				9		4		5		12		11		1		
Attended by physicians not in hospitals.....													1				1								
Attended by midwives.....																									
Attended by others or unspecified.....																									
TOTAL DEATHS*	116	10.3	112	10.2	4	12.0	127	9.0	120	9.1	7	8.7	504	12.8	306	11.8	198	14.8	368	11.4	336	11.1	32	14.7	
Under 28 days of age†.....	1	5.3	1	5.4			1	4.6	1	4.9			15	24.2	5	13.9	10	38.3	11	20.6	11	22.7			
Under one year of age†.....	3	15.9	3	16.1			3	13.7	3	14.6			22	35.4	6	16.7	16	61.3	13	24.4	12	24.8	1	20.4	
CAUSE OF DEATH**																									
Tuberculosis, all forms (001-019).....	1	8.9	1	9.1			1	7.1	1	7.5			3	7.6	2	7.7	1	7.5	1	3.1	1	3.3			
of respiratory system (001-008).....	1	8.9	1	9.1			1	7.1	1	7.5			3	7.6	2	7.7	1	7.5	1	3.1	1	3.3			
Syphilis and its sequelae (020-029).....																									
Gonococcal infection (030-035).....																									
Typhoid fever (040).....																									
Undulant fever (044).....																									
Dysentery, all forms (045-048).....																									
Scarlet fever and streptococcal sore throat (050, 051).....																				1	3.1	1	3.3		
Diphtheria (055).....																									
Whooping cough (056).....																									
Meningococcal infections (057).....																									
Tularemia (059).....																									
Acute poliomyelitis (080).....																									
Acute infectious encephalitis (082).....																									
Measles (085).....																									
Rabies (094).....																									
Typhus fever (101, 102, 107).....																									
Rocky Mountain spotted fever (104).....																									
Malaria (110-117).....																									
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....													3	7.6	1	3.9	2	15.0	1	3.1			1		
Malignant neoplasms (140-205).....	15	132.9	15	136.9			14	99.6	14	105.7			73	185.7	45	173.4	28	209.7	47	145.2	43	142.4	4		
Benign and unspec. neoplasms (210-239).....													1	2.5			1	7.5							
Diabetes mellitus (260).....	6	53.1	6	54.8			2	14.2	1	7.5	1		4	10.2	1	3.9	3	22.5	3	9.3	3	9.9			
Pellagra (281).....													1	2.5			1	7.5							
Avitaminosis and other deficiency states (280, 282-286).....																									
Anemias (290-293).....							2	14.2	1	7.5	1								1	3.1	1	3.3			
Vascular lesions affecting central nervous system (330-334).....	15	132.9	15	136.9			19	135.1	18	135.8	1		102	259.5	58	223.4	44	329.5	50	154.5	46	152.4	4		
Nonmeningococcal meningitis (340).....																			1	3.1	1	3.3			
Rheumatic fever (400-402).....																			1	3.1	1	3.3			
Diseases of the heart (410-443).....	49	434.1	46	419.9	3		52	369.8	50	377.3	2		182	463.0	125	481.6	57	426.8	150	463.4	132	437.2	18		
Chronic rheumatic heart dis. (410-416).....	2	17.7	2	18.3			2	14.2	2	15.1			2	5.1	2	7.7			1	3.1	1	3.3			
Arteriosclerotic and degenerative heart disease (420-422).....	44	389.8	41	374.3	3		45	320.1	43	324.5	2		161	417.2	117	450.7	47	352.0	140	432.5	123	407.4	17		
Other diseases of heart (430-434).....	3	26.6	3	27.4			1	7.1	1	7.5			4	10.2	3	11.6	1	7.5	1	3.1	1	3.3			
Hypertension with heart dis. (440-443).....							4	28.4	4	30.2			12	30.5	3	11.6	9	67.4	8	24.7	7	23.2	1		
Hypertension without mention of heart (444-447).....							1	7.1	1	7.5			11	28.0	7	27.0	4	30.0	1	3.1	1	3.3			
General arteriosclerosis (450).....	1	8.9	1	9.1			6	42.7	6	45.3			7	17.8	6	23.1	1	7.5	10	30.9	9	29.8	1		
Other dis. of circulatory system (451-468).....	1	8.9	1	9.1			2	14.2			2		5	12.7	4	15.4	1	7.5	6	18.5	6	19.9			
Influenza (480-483).....	1	8.9	1	9.1			1	7.1	1	7.5									1	3.1	1	3.3			
Pneumonia (490-493).....	2	17.7	2	18.3			2	14.2	2	15.1			19	48.3	12	46.2	7	52.4	20	61.8	19	62.9	1		
Bronchitis (500-502).....	1	8.9	1	9.1									2	5.1	1	3.9	1	7.5	1	3.1	1	3.3			
Other respiratory diseases (470-475, 510-527).....	1	8.9	1	9.1			3	21.3	3	22.6			9	22.9	7	27.0	2	15.0	6	18.5	6	19.9			
Ulcer of stomach and duodenum (540, 541).....													1	2.5			1	7.5	7	21.6	7	23.2			
Appendicitis (550-553).....													1	2.5			1	7.5							
Hernia and intestinal obstruction (560, 561, 570).....													5	12.7	3	11.6	2	15.0	4	12.4	4	13.2			
Gastritis, enteritis, etc. (543, 571, 572).....							1	7.1	1	7.5			2	5.1	2	7.7			1	3.1	1	3.3			
Cirrhosis of liver (581).....	3	26.6	3	27.4									1	2.5	1	3.9			3	9.3	3	9.9			
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	1	8.9	1	9.1			2	14.2	2	15.1			5	12.7	1	3.9	4	30.0	2	6.2	1	3.3	1		
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....													1	2.5			1	7.5							
Chronic and unspec. nephritis and other renal sclerosis (592-594).....																			1	3.1	1	3.3			
Hyperplasia of prostate (610).....													1	2.5			1	7.5	1	3.1	1	3.3			
Other diseases of genito-urinary system (600-609, 611-637).....													7	17.8	3	11.6	4	30.0	4	12.4	4	13.2			
Complications of pregnancy, childbirth and the puerperium (640-689).....	1	52.9	1	53.8																					
Congenital malformations (750-759).....	1	8.9	1	9.1			1	7.1	1	7.5			9	22.9											

TABLE IX (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR CITIES OF TENNESSEE OF OVER 10,000 POPULATION, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	KINGSPORT						KNOXVILLE						LEBANON						MARYVILLE					
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	593	16.8	567	16.9	26	15.1	2,991	16.1	2,522	15.4	469	21.1	278	19.2	224	18.2	54	24.8	208	19.5	205	19.9	3	7.8
In hospitals	593		567		26		2,979		2,512		467		275		224		51		207		201		3	
Attended by physicians not in hospitals							8		6		2		3				3							
Attended by midwives							3		3															
Attended by others or unspecified							1		1										1		1			
FETAL DEATHS†	10	16.9	10	17.6			50	16.7	43	17.0	7	14.9	7	25.2	5	22.3	2	37.0	4	19.2	3	14.6	1	
In hospitals	10		10				49		43		6		7		5		2		4		3		1	
Attended by physicians not in hospitals							1				1													
Attended by midwives																								
Attended by others or unspecified																								
TOTAL DEATHS*	258	7.3	247	7.4	11	6.4	1,785	9.6	1,450	8.9	326	14.7	145	10.0	120	9.7	25	11.5	129	12.1	124	12.0	5	13.0
Under 28 days of age‡	11	18.5	11	19.4			40	13.4	30	11.9	10	21.3	2	7.2	2	8.9			6	28.8	6	29.3		
Under one year of age‡	14	23.6	14	24.7			62	20.7	43	17.0	19	49.5	4	14.4	3	13.4	1	18.5	6	28.8	6	29.3		
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019) of respiratory system (001-008)							23	12.3	16	9.8	7	31.5	1	6.9			1		1	9.4	1	9.7		
Syphilis and its sequelae (020-029)	1	2.8	1	3.0			18	9.7	13	7.9	5	22.5	1	6.9			1		1	9.4	1	9.7		
Gonococcal infection (030-035)							1	0.5	1	0.6														
Typhoid fever (040)																								
Undulant fever (044)																								
Dysentery, all forms (045-048)																								
Scarlet fever and streptococcal sore throat (050, 051)																								
Diphtheria (055)																								
Whooping cough (056)																								
Meningococcal infections (057)							3	1.6	2	1.2	1	4.5							1	9.4	1	9.7		
Tularemia (059)																								
Acute poliomyelitis (080)																								
Acute infectious encephalitis (082)																								
Measles (085)																								
Rabies (094)																								
Typhus fever (101, 102, 107)																								
Rocky Mountain spotted fever (104)																								
Malaria (110-117)																								
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)	2	5.7	2	6.0			11	5.9	9	5.5	2	9.0												
Malignant neoplasms (140-205)	39	110.8	39	116.5			296	158.9	251	153.0	45	202.7	20	138.0	17	138.0	3		20	187.2	19	184.5	1	
Benign and unsp. neoplasms (210-239)							4	2.1	3	1.8	1	4.5							2	18.7	1	9.7	1	
Diabetes mellitus (260)	5	14.2	4	11.9	1		20	10.7	15	9.1	5	22.5	2	13.8	1	8.1	1		2	18.7	2	19.4		
Pellagra (281)																								
Avitaminosis and other deficiency states (280, 282-286)							2	1.1	1	0.6	1	4.5												
Anemias (290-293)	1	2.8	1	3.0			5	2.7	1	0.6	4	18.0												
Vascular lesions affecting central nervous system (330-334)																								
Nonmeningococcal meningitis (340)	28	79.5	26	77.6	2		204	109.5	166	101.2	38	171.2	33	227.7	28	227.3	5		19	177.9	19	184.5		
Rheumatic fever (400-402)																								
Diseases of the heart (410-443)	97	275.6	94	280.7	3		661	354.8	566	345.0	95	428.0	56	386.4	46	373.4	10		38	355.7	38	369.0		
Chronic rheumatic heart dis. (410-416)	1	2.8	1	3.0			8	4.3	7	4.3	1	4.5							3	28.1	3	29.1		
Arteriosclerotic and degenerative heart disease (420-422)	87	247.1	85	253.8	2		571	306.5	496	302.3	75	337.9	50	345.0	42	341.0	8		33	308.9	33	320.5		
Other diseases of heart (430-434)	4	11.4	4	11.9			27	14.5	24	14.6	3	13.5	1	6.9	1	8.1								
Hypertension with heart dis. (440-443)	5	14.2	4	11.9			55	29.5	39	23.8	16	72.1	5	34.5	3	24.4	2		2	18.7	2	19.4		
Hypertension without mention of heart (444-447)	4	11.4	4	11.9			10	5.4	7	4.3	3	13.5							3	28.1	2	19.4	1	
General arteriosclerosis (450)	4	11.4	4	11.9			22	11.8	18	11.0	4	18.0	1	6.9	1	8.1			7	65.5	7	68.0		
Other dis. of circulatory system (451-468)	6	17.0	5	14.9	1		17	9.1	14	8.5	3	13.5												
Influenza (480-483)																								
Pneumonia (490-493)	10	28.4	9	26.9	1		67	36.0	51	31.1	16	72.1	3	20.7	3	24.4			6	56.2	6	58.3		
Bronchitis (500-502)	2	5.7	2	6.0			7	3.8	6	3.7	1	4.5							2	18.7	2	19.4		
Other respiratory diseases (470-475, 510-527)	5	14.2	4	11.9	1		44	23.6	41	25.0	3	13.5	2	13.8	2	16.2			2	18.7	2	19.4		
Ulcer of stomach and duodenum (540, 541)	2	5.7	2	6.0			8	4.3	7	4.3	1	4.5												
Appendicitis (550-553)							2	1.1	2	1.2														
Hernia and intestinal obstruction (560, 561, 570)							6	3.2	6	3.7														
Gastritis, enteritis, etc. (543, 571, 572)	1	2.8	1	3.0			5	2.7	4	2.4	1	4.5	1	6.9	1	8.1			2	18.7	2	19.4		
Cirrhosis of liver (581)																								
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	3	8.5	3	9.0			24	12.9	20	12.2	4	18.0												
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)							18	9.7	17	10.4	1	4.5	2	13.8			2		3	28.1	3	29.1		
Chronic and unsp. nephritis and other renal sclerosis (592-594)																								
Hyperplasia of prostate (610)							20	10.7	15	9.1	5	22.5	1	6.9	1	8.1								
Other diseases of genito-urinary system (600-609, 611-637)	2	1.1					2	1.1	2	1.2														
Complications of pregnancy, childbirth and the puerperium (640-689)							19	10.2	12	7.3	7	31.5	2	13.8	2	16.2			2	18.7	2	19.4		
Congenital malformations (750-759)																								
Birth injuries, postnatal asphyxia and atelectasis (760-762)	4	11.4	4	11.9			19	10.2	15	9.1	4	18.0	1	6.9	1	8.1			1	9.4	1	9.7		
Infections of the newborn (763-768)	5	14.																						

TABLE IX (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR CITIES OF TENNESSEE OF OVER 10,000 POPULATION, RESIDENT DATA, 1966

	MEMPHIS						MORRISTOWN						MURFREESBORO						NASHVILLE—DAVIDSON CO. #							
	Total No.	Rate	White No.	Rate	Nonwhite No.	Rate	Total No.	Rate	White No.	Rate	Nonwhite No.	Rate	Total No.	Rate	White No.	Rate	Nonwhite No.	Rate	Total No.	Rate	White No.	Rate	Nonwhite No.	Rate		
Estimated Population, July 1, 1966.....	578,979		367,358		210,621		26,775		21,850		1,925		23,080		19,793		3,287		110,539		357,478		83,061			
LIVE BIRTHS*	10815	18.7	5,333	14.5	5,482	26.0	409	15.3	386	15.5	23	11.9	481	20.8	389	19.6	92	28.0	7,783	17.7	5,958	16.7	1,825	22.0		
In hospitals.....	10618		5,301		5,317		405		385		20		477		388		89		7,733		5,914		1,819			
Attended by physicians not in hospitals.....	193		32		161		1		1		3		1		1		3		50		44		6			
Attended by midwives.....	3				3								3						1				2			
Attended by others or unspecified.....	1				1														2							
FETAL DEATHS†	201	18.6	75	14.1	125	22.8	5	12.2	5	13.0			4	8.3	3	7.7	1	10.9	106	13.6	70	11.7	35	19.1		
In hospitals.....	195		75		120		5		5				1		1				101		68		33			
Attended by physicians not in hospitals.....	5				5														5		2		2			
Attended by midwives.....																										
Attended by others or unspecified.....	1																									
TOTAL DEATHS*	5,182	9.0	2,860	7.8	2,322	11.0	177	6.6	162	6.5	15	7.8	219	9.5	178	9.0	41	12.5	3,886	8.8	2,798	7.8	1,088	13.1		
Under 28 days of age†	201	18.9	77	14.4	127	23.2	8	19.6	6	15.5	2	87.0	14	29.1	10	25.7	4	43.5	127	16.3	71	12.4	53	29.0		
Under one year of age†	279	25.8	102	19.1	177	32.3	10	24.4	8	20.7	2	87.0	16	33.3	12	30.8	4	43.5	179	23.0	102	17.1	77	42.1		
CAUSE OF DEATH**																										
Tuberculosis, all forms (001-019).....	17	2.9	5	1.4	12	5.7	3	11.2	3	12.1			3	13.0	3	15.2			16	3.6	11	3.1	5	6.0		
of respiratory system (001-008).....	12	2.1	5	1.4	7	3.3	3	11.2	3	12.1			3	13.0	3	15.2			13	3.0	10	2.8	3	3.6		
Syphilis and its sequelae (020-029).....	9	1.6	3	0.8	6	2.8													1	0.2			1	1.2		
Gonococcal infection (030-035).....																										
Typhoid fever (040).....																										
Undulant fever (044).....																										
Dysentery, all forms (045-048).....	1	0.2			1	0.5																				
Scarlet fever and streptococcal sore throat (050, 051).....																										
Diphtheria (055).....																										
Whooping cough (056).....																										
Meningococcal infections (057).....	3	0.5	1	0.3	2	0.9														2	0.5	1	0.3	1	1.2	
Tularemia (059).....																										
Acute poliomyelitis (080).....																										
Acute infectious encephalitis (082).....	1	0.2	1	0.3			1	3.7	1	4.0									1	0.2				1	1.2	
Measles (085).....																										
Rabies (094).....																										
Typhus fever (101, 102, 107).....																										
Rocky Mountain spotted fever (104).....																										
Malaria (110-117).....																										
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	19	3.3	4	1.1	15	7.1							1	4.3	1	5.1			13	3.0	10	2.8	3	3.6		
Malignant neoplasms (140-205).....	803	138.7	505	137.1	298	141.5	21	78.4	20	89.5	1		38	164.6	30	151.5	8		627	142.3	471	131.8	156	187.8		
Benign and unsp. neoplasms (210-239).....	14	2.4	4	1.1	10	4.7	1	3.7	1	4.0									10	2.3	6	1.7	4	4.8		
Diabetes mellitus (260).....	66	11.4	25	6.8	41	19.5													46	10.4	33	9.2	13	15.7		
Pellagra (281).....																										
Avitaminosis and other deficiency states (280, 282-286).....	3	0.5	1	0.3	2	0.9														1	0.2	1	0.5			
Anemias (290-293).....	10	1.7	2	0.5	8	3.8														5	1.1	3	0.8	2	2.4	
Vascular lesions affecting central nervous system (330-334).....	812	140.2	387	105.1	425	201.8	28	104.6	23	92.6	5		29	125.6	25	126.3	4		422	95.8	315	88.1	107	128.8		
Nonmeningococcal meningitis (340).....	15	2.6	5	1.4	10	4.7							1	4.3	1	5.1			6	1.4	3	0.8	3	3.6		
Rheumatic fever (400-402).....	2	0.3	2	0.5																1	0.2				1	1.2
Diseases of the heart (410-443).....	1,806	311.9	1,077	292.4	729	346.1	65	242.8	59	237.4	6		80	346.6	64	323.3	16		1,573	357.1	1,179	329.8	394	474.5		
Chronic rheumatic heart dis. (410-416).....	23	4.0	16	4.3	7	3.3							1	4.3	1	5.1			28	6.4	24	6.7	4	4.8		
Arteriosclerotic and degenerative heart disease (420-422).....	1,484	256.3	949	257.6	535	254.0	61	227.8	55	221.3	6		75	325.0	60	303.1	15		1,374	311.9	1,049	293.4	325	391.5		
Other diseases of heart (430-434).....	56	9.7	35	9.5	21	10.0	1	3.7	1	4.0			3	13.0	2	10.1	1		41	9.3	31	8.7	10	12.0		
Hypertension with heart dis. (440-443).....	243	42.0	77	20.9	166	78.8	3	11.2	3	12.1			1	4.3	1	5.1			130	29.5	75	21.0	55	66.2		
Hypertension without mention of heart (444-447).....	46	7.9	9	2.4	37	17.6	1	3.7	1	4.0			4	17.3	3	15.2	1		25	5.7	11	3.1	14	16.9		
General arteriosclerosis (450).....	86	14.9	57	15.5	29	13.8	3	11.2	3	12.1			3	13.0	3	15.2			68	15.4	56	15.7	12	14.4		
Other dis. of circulatory system (451-468).....	100	17.3	43	11.7	57	27.1	3	11.2	3	12.1			5	21.7	2	10.1	3		48	10.9	34	9.5	14	16.9		
Influenza (480-483).....	18	3.1	9	2.4	9	4.3														1	0.2				1	1.2
Pneumonia (490-493).....	196	33.9	97	26.3	99	47.0	6	22.4	6	24.1			7	30.3	6	30.3	1		157	35.6	90	25.2	67	80.7		
Bronchitis (500-502).....	16	2.8	8	2.2	8	3.8														8	1.8	7	2.0	1	1.2	
Other respiratory diseases (470-475, 510-527).....	103	17.8	77	20.9	26	12.3	1	14.9	4	16.1			4	17.3	4	20.2			51	11.6	37	10.4	14	16.9		
Ulcer of stomach and duodenum (540, 541).....	25	4.3	17	4.6	8	3.8	1	3.7	1	4.0										26	5.9	19	5.3	7	8.4	
Appendicitis (550-553).....	5	0.9	2	0.5	3	1.4														1	0.9	1	0.3	3	3.6	
Hernia and intestinal obstruction (560, 561, 570).....	22	3.8	16	4.3	6	2.8	1	3.7			1		1	4.3	1	5.1			17	3.9	13	3.6	4	4.8		
Gastritis, enteritis, etc. (543, 571, 572).....	18	3.1	11	3.0	7	3.3	1	3.7	1	4.0			1	4.3	1	5.1			9	2.0	7	2.0	2	2.4		
Cirrhosis of liver (581).....	57	9.8	47	12.8	10	4.7							1	4.3	1	5.1			30	6.8	20	5.6	10	12.0		
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	10	6.9	29	7.9	11	5.2	3	11.2	3	12.1			5	21.7	4	20.2	1		21	4.8	17	4.8	4	4.8		
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....	3	0.5			3	1.4																				



TABLE X—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	ANDERSON						BEDFORD						BENTON						BLEDSOE						
	Total		White		Nonwhite		Total		White		Nonwhite		Total		White		Nonwhite		Total		White		Nonwhite		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	983	15.5	948	15.5	35	14.8	420	17.0	355	16.3	65	22.0	198	17.4	184	16.7	14	33.7	128	17.2	126	18.0	2	4.6	
In hospitals.....	863	---	828	---	35	---	416	---	354	---	62	---	173	---	163	---	10	---	122	---	122	---	---	---	
Attended by physicians not in hospitals.....	117	---	117	---	---	---	2	---	1	---	1	---	22	---	21	---	1	---	5	---	3	---	2	---	
Attended by midwives.....	3	---	3	---	---	---	2	---	---	---	---	---	3	---	---	---	3	---	1	---	1	---	---	---	
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
FETAL DEATHS†	4	14.2	12	12.7	2	57.1	7	16.7	6	16.9	1	15.4	4	20.2	4	21.7	---	---	4	31.2	4	31.7	---	---	
In hospitals.....	13	---	11	---	2	---	7	---	6	---	1	---	4	---	4	---	---	---	3	---	3	---	---	---	
Attended by physicians not in hospitals.....	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	
Attended by midwives.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TOTAL DEATHS*	416	6.6	405	6.6	11	4.6	266	10.7	224	10.3	42	14.2	126	11.1	118	10.7	8	22.1	71	9.6	71	10.2	---	---	
Under 28 days of age†	14	14.2	14	14.8	---	---	8	19.0	8	22.5	---	---	2	10.1	---	---	2	142.9	2	15.6	2	15.9	---	---	
Under one year of age†	23	25.4	23	24.9	---	---	11	23.2	10	23.2	1	15.4	4	20.2	2	10.9	2	142.9	3	23.4	3	23.8	---	---	
CAUSE OF DEATH**																									
Tuberculosis, all forms (001-019).....	4	6.3	3	4.9	1	---	2	8.1	1	4.6	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
of respiratory system (001-008).....	3	4.7	2	5.3	1	---	2	8.1	1	4.6	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
Syphilis and its sequelae (020-029).....	---	---	---	---	---	---	1	4.0	1	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Gonococcal infection (030-035).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (040).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (044).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (056).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tularemia (059).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute infectious encephalitis (082).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	1	1.6	1	1.6	---	---	1	4.0	1	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Malignant neoplasms (140-205).....	73	115.3	71	116.5	2	---	37	149.4	33	151.4	4	---	15	131.6	14	126.9	1	---	13	175.1	13	185.9	---	---	
Benign and unspec. neoplasms (210-239).....	1	1.6	---	---	1	---	---	---	---	---	---	---	1	8.8	1	9.1	---	---	---	---	---	---	---	---	
Diabetes mellitus (260).....	7	11.1	7	11.5	---	---	5	20.2	1	4.6	4	---	5	43.9	5	45.3	---	---	2	26.9	2	28.6	---	---	
Pellagra (281).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286).....	1	1.6	1	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Anemias (290-293).....	---	---	---	---	---	---	---	---	---	---	---	---	1	8.8	1	9.1	---	---	1	13.5	1	14.5	---	---	
Vascular lesions affecting central nervous system (330-334).....	63	99.5	61	100.1	2	---	34	137.3	28	128.4	6	---	10	87.7	9	81.6	1	---	9	121.2	9	128.7	---	---	
Nonmeningococcal meningitis (340).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rheumatic fever (400-402).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diseases of the heart (410-443).....	135	215.1	134	219.8	1	---	102	412.0	88	405.6	14	---	62	544.0	61	552.7	1	---	28	377.2	28	400.6	---	---	
Chronic rheumatic heart dis. (410-416).....	4	6.3	4	6.6	---	---	1	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Arteriosclerotic and degenerative heart disease (420-422).....	112	176.8	111	182.1	1	---	81	327.2	69	316.5	12	---	54	473.8	53	480.2	1	---	27	363.7	27	386.2	---	---	
Other diseases of heart (430-434).....	4	6.3	4	6.6	---	---	6	24.2	6	27.5	---	---	1	8.8	1	9.1	---	---	---	---	---	---	---	---	
Hypertension with heart dis. (440-443).....	15	23.7	15	24.6	---	---	14	56.5	13	59.6	1	---	7	61.4	7	63.4	---	---	1	13.5	1	14.5	---	---	
Hypertension without mention of heart (444-447).....	6	9.5	5	8.2	1	---	1	4.0	1	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
General arteriosclerosis (450).....	5	7.9	5	8.2	---	---	8	32.3	8	36.7	---	---	2	17.5	2	18.1	---	---	---	---	---	---	---	---	
Other dis. of circulatory system (451-468).....	3	4.7	3	4.9	---	---	2	8.1	1	4.6	1	---	3	26.3	3	27.2	---	---	---	---	---	---	---	---	
Influenza (480-483).....	1	1.6	1	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Pneumonia (490-493).....	6	9.5	6	9.8	---	---	7	28.3	7	32.1	---	---	5	43.9	5	45.3	---	---	---	---	---	---	---	---	
Bronchitis (500-502).....	1	1.6	1	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Other respiratory diseases (470-475, 510-527).....	8	12.6	8	13.1	---	---	2	8.1	2	9.2	---	---	1	8.8	1	9.1	---	---	---	---	---	---	---	---	
Ulcer of stomach and duodenum (540, 541).....	1	1.6	1	1.6	---	---	1	4.0	1	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Appendicitis (550-553).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hernia and intestinal obstruction (560, 561, 570).....	1	1.6	1	1.6	---	---	1	4.0	1	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Gastritis, enteritis, etc. (543, 571, 572).....	2	3.2	2	3.5	---	---	4	16.2	3	13.8	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
Cirrhosis of liver (581).....	4	6.3	4	6.6	---	---	4	16.2	3	13.8	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	7	11.1	7	11.5	---	---	3	12.1	3	13.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....	1	1.6	1	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Chronic and unspec. nephritis and other renal sclerosis (592-594).....	1	1.6	1	1.6	---	---	2	8.1	1																

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

	BLOUNT			BRADLEY			CAMPBELL			CANNON		
	TOTAL No.	WHITE Rate	Nonwhite Rate	TOTAL No.	WHITE Rate	Nonwhite Rate	TOTAL No.	WHITE Rate	Nonwhite Rate	TOTAL No.	WHITE Rate	Nonwhite Rate
Estimated Population, July 1, 1966	61,216		58,379	14,020	12,351	2,269	28,357	28,089	208	8,666	8,506	160
LIVE BIRTHS*	1,050	17.3	1,010	17.3	50	17.6	919	21.3	884	20.9	65	28.6
In hospitals	1,057		1,008		49		943		880		63	
Attended by physicians not in hospitals	1				1		2		1		1	
Attended by midwives	2		2		2		2		1		1	
Attended by others or unspecified	2				2		2		2			
FETAL DEATHS†	23	21.7	22	21.8	1	20.0	12	12.6	10	11.3	1	15.4
In hospitals	23		22		1		11		9		1	
Attended by physicians not in hospitals					1		1		1			
Attended by midwives												
Attended by others or unspecified												
TOTAL DEATHS*	492	8.0	463	7.9	29	10.2	352	7.9	322	7.6	30	13.2
Under 28 days of age‡	16	15.1	14	13.9	2	40.0	12	12.6	12	13.6		
Under one year of age‡	20	18.9	18	17.8	2	40.0	18	19.0	18	20.4		
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019)	3	4.9	3	5.1			2	4.5	2	4.7		
of respiratory system (001-008)	3	4.9	3	5.1			2	4.5	2	4.7		
Syphilis and its sequelae (020-029)												
Gonococcal infection (030-035)												
Typhoid fever (040)												
Undulant fever (044)												
Dysentery, all forms (045-048)												
Scarlet fever and streptococcal sore throat (050, 051)												
Diphtheria (055)												
Whooping cough (056)												
Meningococcal infections (057)	1	1.6	1	1.7								
Tularemia (059)												
Acute poliomyelitis (080)												
Acute infectious encephalitis (082)	1	1.6	1	1.7								
Measles (085)												
Rubella (094)												
Typhus fever (101, 102, 107)												
Rocky Mountain spotted fever (104)												
Malaria (110-117)												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 102, 120-138)	1	1.6	1	1.7			2	4.5	1	2.4	1	
Malignant neoplasms (140-205)	79	129.1	74	126.3	5		54	121.9	52	122.8	2	
Benign and unsp. neoplasms (210-239)	3	4.9	2	3.4	1		2	4.6	2	4.7		
Diabetes mellitus (260)	3	4.9	3	5.1								
Pellagra (281)												
Avitaminosis and other deficiency states (280, 282-286)							1	2.2	1	2.4		
Anemias (290-293)	2	3.3	2	3.4			1	2.2	1	2.4		
Vascular lesions affecting central nervous system (330-334)	67	109.4	62	106.2	5		53	118.8	51	120.4	2	
Nonmeningococcal meningitis (340)	1	1.6	1	1.7								
Rheumatic fever (400-402)												
Diseases of the heart (410-443)	168	274.4	164	280.9	4		113	253.2	102	240.8	11	
Chronic rheumatic heart dis. (410-416)	5	8.2	5	8.6			1	2.2	1	2.4		
Arteriosclerotic and degenerative heart disease (420-422)	145	236.9	141	241.5	4		90	201.7	83	196.0	7	
Other diseases of heart (430-434)	2	3.3	2	3.4			13	29.1	10	23.6	3	
Hypertension with heart dis. (410-443)	16	26.1	16	27.4			9	20.2	8	18.9	1	
Hypertension without mention of heart (444-447)	10	16.3	8	13.7	2		2	4.5	1	2.4	1	
General arteriosclerosis (460)	17	27.8	17	29.1			7	15.7	6	14.2	1	
Other dis. of circulatory system (451-458)	5	8.2	5	8.6			5	11.2	4	9.4	1	
Influenza (480-483)												
Pneumonia (490-493)	21	34.3	18	30.8	3		13	29.1	12	28.5	1	
Bronchitis (500-502)	4	6.6	4	6.9			3	6.7	3	7.1		
Other respiratory diseases (470-475, 510-527)	7	11.4	7	12.0			9	20.2	8	18.9	1	
Ulcer of stomach and duodenum (540, 541)	1	1.6	1	1.7			2	4.6	2	4.7		
Appendicitis (550-553)	1	1.6	1	1.7								
Hernia and intestinal obstruction (560, 561, 570)	4	6.6	4	6.9								
Gastritis, enteritis, etc. (543, 571, 572)	1	1.6	1	1.7			1	2.2	1	2.4		
Cirrhosis of liver (581)	5	8.2	5	8.6			2	4.5	2	4.7		
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	7	11.4	7	12.0			2	4.6	2	4.7		
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)	1	1.6	1	1.7								
Chronic and unsp. nephritis and other renal sclerosis (592-594)	2	3.3	2	3.4			3	6.7	1	2.4	2	
Hyperplasia of prostate (610)												
Other diseases of genito-urinary system (600-609, 611-637)	7	11.4	7	12.0			3	6.7	3	7.1		
Complications of pregnancy, childbirth and the puerperium (640-689)							1	10.5	1	11.5		
Congenital malformations (750-759)	8	13.1	8	13.7			4	9.0	4	9.4		
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	3.3	1	1.7	1		8	17.9	8	18.9		
Infections of the newborn (763-769)	3	4.9	3	5.1								
Other diseases peculiar to early infancy and immaturity unqualified (769-770)	6	9.8	6	10.3			3	6.7	3	7.1		
Senility, ill-defined and unknown causes (780-795)	2	3.3	1	1.7	1		8	17.9	7	16.5	1	
Motor vehicle accidents (810-835)	21	34.3	20	34.5	1		17	38.1	16	37.8	1	
All other accidents (800-802, 810-902)	16	26.1	13	22.3	3		20	44.8	17	40.1	3	
Suicide (903, 970-979)	3	4.9	3	5.1			2	4.5	2	4.7		
Homicide and operations of war (904, 905, 980-999)	1	1.6	1	1.7			3	6.7	2	4.7	1	
All other diseases	8	13.1	5	8.6	3		6	13.4	5	11.8	1	

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.  
 \*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Title numbers are those of the International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955.  
 †Includes one item with race not stated.

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	CARROLL			CARTER			CHEATHAM			CHESTER		
	TOTAL No. Rate	WHITE No. Rate	Nonwhite No. Rate	TOTAL No. Rate	WHITE No. Rate	Nonwhite No. Rate	TOTAL No. Rate	WHITE No. Rate	Nonwhite No. Rate	TOTAL No. Rate	WHITE No. Rate	Nonwhite No. Rate
LIVE BIRTHS*	367 14.5	301 13.8	66 19.4	699 16.2	694 16.3	5 19.8	179 15.8	170 16.0	9 13.6	187 18.4	145 16.5	42 30.5
In hospitals.....	321	274	47	697	692	5	178	169	9	182	145	37
Attended by physicians not in hospitals.....	34	27	7	1	1		1	1				
Attended by midwives.....	12		12							5		5
Attended by others or unspecified.....				1	1							
FETAL DEATHS†	3 8.2	2 6.6	1 15.2	13 18.6	13 18.7		3 16.8	3 17.6		2 19.7	2 13.8	
In hospitals.....	3	2	1	13	13		3	3		2	2	
Attended by physicians not in hospitals.....												
Attended by midwives.....												
Attended by others or unspecified.....												
TOTAL DEATHS*	308 12.2	275 12.6	33 9.7	383 8.9	376 8.8	7 15.2	95 8.4	88 8.3	7 10.6	103 19.1	85 9.7	18 13.1
Under 28 days of age†.....	12 32.7	11 36.5	1 15.2	10 14.3	10 14.4		2 11.2	2 11.8		4 21.4	4 27.6	
Under one year of age†.....	14 38.1	11 36.5	3 45.5	18 25.8	18 25.0		4 22.3	4 23.5		5 26.7	5 34.5	
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019).....	2 7.9	2 9.1		3 7.0	3 7.0		2 17.7	2 18.8				
of respiratory system (001-008).....	2 7.9	2 9.1		2 4.6	2 4.7		2 17.7	2 18.8				
Syphilis and its sequelae (020-029).....												
Gonococcal infection (030-035).....												
Typhoid fever (040).....												
Undulant fever (044).....												
Dysentery, all forms (045-048).....												
Scarlet fever and streptococcal sore throat (050, 051).....												
Diphtheria (055).....												
Whooping cough (056).....												
Meningococcal infections (057).....												
Tularemia (059).....												
Acute poliomyelitis (080).....												
Acute infectious encephalitis (092).....												
Measles (085).....				1 2.5	1 2.3							
Rabies (094).....												
Typhus fever (101, 102, 107).....												
Rocky Mountain spotted fever (104).....												
Malaria (110-117).....												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	1 4.0	1 4.6										
Malignant neoplasms (140-205).....	37 146.4	35 169.1	2	53 123.0	52 122.0	1	15 132.6	15 149.9			10 113.8	2
Benign and unsp. neoplasms (210-239).....										2 19.7	2 22.8	
Diabetes mellitus (260).....	7 27.7	6 27.4	1	9 20.9	9 21.1		1 8.8		1	2 19.7	2 22.8	
Pellagra (281).....												
Avitaminosis and other deficiency states (280, 282-286).....												
Anemias (290-293).....	1 4.0		1	1 2.3	1 2.3		1 8.8	1 9.4		1 9.8		1
Vascular lesions affecting central nervous system (330-334).....	42 166.2	41 187.5	1	56 130.0	56 131.4		10 88.4	9 84.5	1	24 236.2	17 193.5	7
Nonmeningococcal meningitis (340).....										1 9.8	1 11.4	
Rheumatic fever (400-402).....												
Diseases of the heart (410-443).....	116 459.1	102 466.5	14	139 522.7	134 514.4	5	37 327.1	35 328.7	2	26 255.9	24 278.2	2
Chronic rheumatic heart dis. (410-416).....				8 18.6	8 18.8							
Arteriosclerotic and degenerative heart disease (420-422).....	92 364.1	83 379.6	9	120 278.6	115 269.9	5	30 265.2	29 272.3	1	24 236.2	22 250.5	2
Other diseases of heart (430-434).....	4 15.8	4 18.3		5 11.6	5 11.7		3 26.5	2 18.8	1			
Hypertension with heart dis. (440-443).....	20 79.2	15 68.6	5	6 13.9	6 14.1		4 35.4	4 37.6		2 19.7	2 22.8	
Hypertension without mention of heart (444-447).....	19 75.2	18 82.3	1	2 4.6	2 4.7					1 9.8		1
General arteriosclerosis (450).....	9 35.6	7 32.0	2	7 16.2	7 16.4		4 35.4	3 28.2	1	6 59.1	5 56.9	1
Other dis. of circulatory system (451-468).....	2 7.9	2 9.1		4 9.3	4 9.4		1 8.8	1 9.4		2 19.7	2 22.8	
Influenza (480-483).....				1 2.3	1 2.3							
Pneumonia (490-493).....	15 59.4	12 54.9	3	16 37.1	16 37.5		2 17.7	1 9.4	1	5 49.2	4 45.5	1
Bronchitis (500-502).....	4 15.8	4 18.3		1 2.3	1 2.3							
Other respiratory diseases (470-475, 510-527).....	6 23.7	6 27.4		8 18.6	8 18.8		1 8.8	1 9.4		2 19.7	2 22.8	
Ulcer of stomach and duodenum (540, 541).....	1 4.0		1	3 7.0	3 7.0					1 9.8	1 11.4	
Appendicitis (550-553).....												
Hernia and intestinal obstruction (560, 561, 570).....												
Gastritis, enteritis, etc. (543, 571, 572).....	2 7.9	2 9.1		1 2.3	1 2.3							
Cirrhosis of liver (581).....	3 11.9	3 13.7		6 13.9	6 14.1							
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	2 7.9	1 4.6	1	3 7.0	3 7.0							
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....												
Chronic and unsp. nephritis and other renal sclerosis (592-594).....				1 2.3	1 2.3							
Hyperplasia of prostate (610).....	1 4.0	1 4.6										
Other diseases of genito-urinary system (600-609, 611-637).....	1 4.0		1	1 2.3	1 2.3		3 26.5	3 28.2		2 19.7	1 11.4	1
Complications of pregnancy, childbirth and the puerperium (640-689).....				1 14.3	1 14.4							
Congenital malformations (750-759).....	2 7.9	2 9.1		4 9.3	4 9.4		3 26.5	3 28.2				
Birth injuries, postnatal asphyxia and atelectasis (760-762).....	3 11.9	3 13.7		2 4.6	2 4.7					2 19.7	2 22.8	
Infections of the newborn (763-768).....	2 7.9	2 9.1										
Other diseases peculiar to early infancy, and immaturity unqualified (769-776).....	4 15.8	3 13.7	1	6 13.9	6 14.1		2 17.7	2 18.8		2 19.7	2 22.8	
Senility, ill-defined and unknown causes (780-795).....	2 7.9	2 9.1		4 9.3	4 9.4		1 8.8	1 9.4				
Motor vehicle accidents (810-835).....	7 27.7	7 32.0		12 27.9	12 28.2		3 26.5	3 28.2		5 49.2	4 45.5	1
All other accidents (800-802, 840-902).....	13 51.4	10 45.7	3	16 37.1	16 37.5		5 44.2	5 47.9		2 19.7	2 22.8	
Suicide (963, 970-979).....	1 4.0	1 4.6		7 16.2	7 16.4		3 26.5	3 28.2		3 29.5	2 22.8	1
Homicide and operations of war (984, 985, 989-999).....	1 4.0		1	3 7.0	2 4.7	1				1 9.8	1 11.4	
All other diseases.....	2 7.9	2 9.1		12 27.9	12 28.2		1 8.8		1	1 9.8	1 11.4	

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.

\*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. ††Title numbers are those of the *International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955*.

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

	CLAIBORNE			CLAY			COCKE			COFFEE		
	TOTAL 19,348 No.	WHITE 19,033 Rate	Nonwhite 315 Rate	TOTAL 7,214 No.	WHITE 7,081 Rate	Nonwhite 133 Rate	TOTAL 25,762 No.	WHITE 24,936 Rate	Nonwhite 826 Rate	TOTAL 33,494 No.	WHITE 32,426 Rate	Nonwhite 1,068 Rate
Estimated Population, July 1, 1966												
LIVE BIRTHS*	354 18.3	349 18.3	5 15.0	110 15.2	109 15.4	1 7.5	504 19.0	488 19.0	16 19.4	561 19.7	532 16.4	29 27.2
In hospitals	341	336	5	100	100		476	461	15	559	530	29
Attended by physicians not in hospitals	4	4		10	9	1	3	2	1	1	1	
Attended by midwives	8	8					24	24				
Attended by others or unspecified	1	1					1	1		1	1	
FETAL DEATHS†	7 19.8	7 20.1					10 19.8	8 16.4	2 125.0	8 14.3	6 11.3	2 69.0
In hospitals	7	7					9	8	1	8	6	2
Attended by physicians not in hospitals												
Attended by midwives												
Attended by others or unspecified							1		1			
TOTAL DEATHS*	203 10.5	198 10.4	5 15.9	79 11.0	73 10.9	6 45.1	242 9.4	229 9.2	13 15.7	257 7.7	245 7.6	12 11.2
Under 28 days of age†	8 22.6	7 20.1	1	2 18.2	2 18.5		8 15.9	8 16.4		11 19.6	10 18.8	1 54.5
Under one year of age†	10 28.2	9 25.8	1	3 27.5	3 27.6		12 23.8	12 24.6		14 25.0	12 22.6	2 69.0
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019)	3 15.5	3 15.8		1 15.9		1	4 15.5	4 16.0		2 6.0	2 6.2	
of respiratory system (001-008)	2 10.3	2 10.5		1 15.9		1	4 15.5	4 16.0		2 6.0	2 6.2	
Syphilis and its sequelae (020-029)										1 3.0	1 3.1	
Gonococcal infection (030-035)												
Typhoid fever (040)												
Undulant fever (044)												
Dysentery, all forms (045-048)												
Scarlet fever and streptococcal sore throat (050, 051)												
Diphtheria (055)												
Whooping cough (059)												
Meningococcal infections (057)												
Tularemia (059)												
Acute polyomyelitis (080)												
Acute infectious encephalitis (082)												
Measles (085)												
Rubella (094)												
Typhus fever (101, 102, 107)												
Rocky Mountain spotted fever (104)												
Malaria (110-117)												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)							1 3.9	1 4.0				
Malignant neoplasms (140-205)	25 122.2	22 115.1	3	7 97.0	7 98.9		33 128.1	32 128.8	1	36 107.5	35 107.9	1
Benign and unspec. neoplasms (210-230)	1 5.2	1 5.3					1 5.9	1 4.0				
Diabetes mellitus (260)	3 15.5	3 15.8		2 27.7	1 14.1	1	9 34.9	9 36.1		10 29.9	10 30.8	
Pellagra (281)												
Avitaminosis and other deficiency states (280, 282-286)												
Anemias (290-293)							2 7.8	1 4.0	1	2 6.0	2 6.2	
Vascular lesions affecting central nervous system (330-334)												
Nonmeningococcal meningitis (340)	27 132.5	27 141.9		8 110.9	8 115.0		33 128.1	31 124.8	2	32 96.5	29 89.4	3
Rheumatic fever (400-402)												
Diseases of the heart (410-443)	72 372.1	72 378.3		36 439.0	32 451.9	4	94 364.9	89 355.9	5	91 271.7	87 268.3	4
Chronic rheumatic heart dis. (410-416)	2 10.3	2 10.5		1 15.9	1 14.1					1 3.0	1 3.1	
Arteriosclerotic and degenerative heart disease (420-422)	60 310.1	60 315.2		25 349.5	24 338.9	1	67 260.1	63 252.0	4	82 244.8	78 240.5	4
Other diseases of heart (430-434)	3 15.5	3 15.8		1 15.9	1 14.1		2 7.8	2 8.0		4 11.9	4 12.3	
Hypertension with heart dis. (440-443)	7 36.2	7 39.8		9 124.8	6 84.7	3	25 97.0	24 96.2	1	4 11.9	4 12.3	
Hypertension without mention of heart (444-447)	3 15.5	3 15.8								9 26.9	9 27.8	
General arteriosclerosis (450)	1 5.2	1 5.3		5 69.5	5 70.6		10 38.8	9 36.1	1	7 20.9	7 21.6	
Other dis. of circulatory system (451-469)	2 10.3	2 10.5								1 3.0	1 3.1	
Influenza (480-483)	1 5.2	1 5.3		1 15.9	1 14.1					1 3.0	1 3.1	
Pneumonia (490-493)	9 45.5	9 47.3		6 85.2	6 84.7		6 23.3	6 24.1		7 20.9	7 21.6	
Bronchitis (500-502)	3 15.5	3 15.8								2 6.0	2 6.2	
Other respiratory diseases (470-476, 510-527)	3 15.5	3 15.8										
Ulcer of stomach and duodenum (540, 541)	1 5.2	1 5.3					4 15.5	4 16.0		2 6.0	2 6.2	
Appendicitis (550-553)	1 5.2	1 5.3								1 3.0	1 3.1	
Hernia and intestinal obstruction (560, 561, 570)				1 15.9	1 14.1		1 3.9	1 4.0				
Gastritis, enteritis, etc. (543, 571, 572)	2 10.3	2 10.5								2 6.0	2 6.2	
Cirrhosis of liver (581)										1 3.0	1 3.1	
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	2 10.3	2 10.5								2 6.0	2 6.2	
Acute nephritis, nephritis with edema incl. nephrosis (590, 591)	1 5.2	1 5.3					1 3.9	1 4.0		2 6.0	2 6.2	
Chronic and unspec. nephritis and other renal sclerosis (592-594)	3 15.5	3 15.8										
Hyperplasia of prostate (610)	1 5.2	1 5.3					2 7.8	2 8.0		1 3.0	1 3.1	
Other diseases of genito-urinary system (600-609, 611-637)	4 20.7	4 21.0		2 27.7	2 28.2		3 11.6	3 12.0		3 9.0	3 9.5	
Complications of pregnancy, childbirth and the puerperium (640-689)												
Congenital malformations (750-759)							2 7.8	1 4.0	1	4 11.9	4 12.3	
Birth injuries, postnatal asphyxia and atelectasis (760-762)												
Infections of the newborn (763-768)							2 7.8	2 8.0		4 11.9	4 12.3	
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	4 20.7	3 15.8	1	1 3.9	1 4.0					1 3.0	1 3.1	
Senility, ill-defined and unknown causes (780-795)	4 20.7	4 21.0					3 11.6	3 12.0		5 14.9	4 12.3	1
Motor vehicle accidents (810-835)	2 10.3	2 10.5		1 15.9	1 14.1		9 34.9	8 32.1	1	1 3.0	1 3.1	
All other accidents (800-802, 840-962)	12 62.0	12 63.0		3 41.6	3 42.4		8 31.1	7 28.1	1	12 35.8	11 33.9	1
Suicide (963, 970-979)	4 20.7	4 21.0		3 41.6	3 42.4		2 7.8	2 8.0		10 29.9	8 24.7	2
Homicide and operations of war (984, 985, 990-999)	1 5.2	1 5.3		1 15.9	1 14.1		4 15.5	4 16.0		1 3.0	1 3.1	
All other diseases	3 15.5	2 10.5	1	1 15.9	1 14.1		4 15.5	4 16.0		2 6.0	2 6.2	
	2 10.3	2 10.5					3 11.6	3 12.0		2 6.0	2 6.2	

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.  
 \*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Title numbers are those of the *International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955*.



TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	DE KALB				DICKSON				DYER				FAYETTE												
	Total No.	Rate	White No.	Rate	Nonwhite No.	Rate	White No.	Rate	Nonwhite No.	Rate	Total No.	Rate	White No.	Rate	Nonwhite No.	Rate									
LIVE BIRTHS*	183	16.1	178	16.1	5	17.2	373	17.0	330	16.1	43	28.9	484	15.8	405	15.5	79	17.4	500	19.8	115	13.9	385	22.6	
In hospitals	179		174		5		369		328		41		464		399		65		234		111		123		
Attended by physicians not in hospitals	1		1				1		1				9		6		3		15		2		13		
Attended by midwives	3		3				3		1		2		11				11		251		2		249		
Attended by others or unspecified																									
FETAL DEATHS†	1	5.5	1	5.5			4	10.7	4	12.1			6	12.4	5	12.3	1	12.7	7	14.0			7	18.2	
In hospitals	1		1				4		4				4		3		1		4				4		
Attended by physicians not in hospitals													1		1				2				2		
Attended by midwives													1		1				1				1		
Attended by others or unspecified																									
TOTAL DEATHS*	121	10.7	115	10.4	6	20.7	261	11.9	238	11.6	23	15.0	375	12.2	309	11.8	66	14.5	234	9.2	77	9.3	157	9.2	
Under 28 days of age†	3	16.4	3	16.9			7	18.8	4	12.1	3	69.8	10	20.7	6	14.8	4	50.6	15	30.0	4	34.8	11	28.6	
Under one year of age†	5	27.3	4	22.5	1		11	29.5	5	15.2	6	139.5	16	33.1	8	19.8	8	101.3	28	66.0	5	43.5	23	59.7	
CAUSE OF DEATH**																									
Tuberculosis, all forms (001-019)	1	8.8	1	9.0			3	13.6	3	14.7			1	3.3	1	3.8									
of respiratory system (001-008)	1	8.8	1	9.0			3	13.6	3	14.7			1	3.3	1	3.8									
Syphilis and its sequelae (020-029)																									
Gonococcal infection (030-035)																									
Typhoid fever (040)																									
Undulant fever (044)																									
Dysentery, all forms (045-048)																									
Scarlet fever and streptococcal sore throat (050, 051)																				1	4.0			1	5.9
Diphtheria (055)																									
Whooping cough (056)																									
Meningococcal infections (057)																									
Tularemia (059)																									
Acute poliomyelitis (080)																									
Acute infectious encephalitis (082)																									
Measles (085)																									
Rabies (094)																									
Typhus fever (101, 102, 107)																									
Rocky Mountain spotted fever (104)																									
Malaria (110-117)																									
Other infective and parasitic diseases (030-039, 041, 042, 049, 052-054, 061-074, 081, 083, 085-093, 095, 099, 108, 120-138)							2	9.1	2	9.8										2	7.9	1	12.1	1	5.9
Malignant neoplasms (140-205)	16	141.1	15	135.7	1		28	127.3	26	127.1	2		48	150.5	42	160.7	6		29	114.6	13	157.5	16	93.8	
Benign and unsp. neoplasms (210-239)													2	6.5	1	3.8	1								
Diabetes mellitus (260)							6	27.3	6	29.3			7	22.8	6	23.0	1		3	11.9	1	12.1	2	11.7	
Pellagra (281)																									
Avitaminosis and other deficiency states (280, 282-286)																									
Anemias (290-293)	1	8.8	1	9.0			1	4.5	1	4.9			1	3.3	1	3.8									
Vascular lesions affecting central nervous system (330-334)	19	167.5	19	171.9			32	145.5	27	132.0	5		59	192.4	46	176.1	13		49	193.6	17	206.0	32	187.6	
Nonmeningococcal meningitis (340)							1	4.6			1														
Rheumatic fever (400-402)																									
Diseases of the heart (410-443)	50	440.8	47	425.3	3		115	522.8	107	522.9	8		141	459.7	119	455.5	22		63	248.9	30	363.5	33	193.5	
Chronic rheumatic heart dis. (410-416)	1	8.8	1	9.0			5	22.7	3	14.7	2		1	3.3											
Arteriosclerotic and degenerative heart disease (420-422)	44	387.9	43	389.1	1		87	395.5	83	405.6	4		124	404.3	111	424.8	13		54	213.4	29	351.4	25	140.6	
Other diseases of heart (430-434)	2	17.6	2	18.1			2	9.1	2	9.8			6	19.6	3	11.5	3		2	7.9	1	12.1	1	5.9	
Hypertension with heart dis. (440-443)	3	26.5	1	9.0	2		21	95.5	19	92.9	2		10	32.6	5	19.1	5		7	27.7			7	41.0	
Hypertension without mention of heart (444-447)							2	9.1	2	9.8			4	13.0	2	7.7	2		1	4.0			1	5.9	
General arteriosclerosis (450)	2	17.6	2	18.1			5	22.7	5	24.4			18	58.7	14	53.6	4		6	23.7	1	12.1	5	29.3	
Other dis. of circulatory system (451-468)	1	8.8	1	9.0			7	31.8	7	34.2			1	3.3	1	3.8			1	4.0			1	5.9	
Influenza (480-483)																									
Pneumonia (490-493)	2	17.6	2	18.1			6	27.3	6	29.3			13	42.4	9	34.4	4		4	15.8	1	12.1	3	17.6	
Bronchitis (500-502)													1	3.3	1	3.8									
Other respiratory diseases (470-475, 510-527)	2	17.6	1	9.0	1		5	22.7	4	19.5	1		11	35.9	11	42.1			2	7.9	1	12.1	1	5.9	
Ulcer of stomach and duodenum (540, 541)	1	8.8	1	9.0			3	13.6	3	14.7			4	13.0	3	11.5	1								
Appendicitis (550-553)																									
Hernia and intestinal obstruction (560, 561, 570)																									
Gastritis, enteritis, etc. (543, 571, 572)																									
Cirrhosis of liver (581)																									
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	2	17.6	2	18.1			4	18.2	4	19.5			4	13.0	4	15.3			2	7.9	2	24.2			
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)																									
Chronic and unsp. nephritis and other renal sclerosis (592-594)	2	17.6	2	18.1									3	9.8	3	11.5			1	4.0			1	12.1	
Hyperplasia of prostate (610)	1	8.8	1	9.0									1	3.3	1	3.8									
Other diseases of genito-urinary system (600-609, 611-637)							1	4.5	1	4.9			1	3.3	1	3.8			3	11.9			3	17.6	
Complications of pregnancy, childbirth and the puerperium (640-689)																									
Congenital malformations (750-759)	2	17.6	1	9.0	1		3	13.6	2	9.8	1		3	9.8	2	7.7	1		1	4.0			1	5.9	
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2	17.6	2	18.1																					
Infections of the newborn (763-768)																									
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	1	8.8	1	9.0																					



TABLE X (Continued) —BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	GRAINGER			GREENE			GRUNDY			HAMBLEN		
	Total No. Rate	White No. Rate	Nonwhite No. Rate	Total No. Rate	White No. Rate	Nonwhite No. Rate	Total No. Rate	White No. Rate	Nonwhite No. Rate	Total No. Rate	White No. Rate	Nonwhite No. Rate
LIVE BIRTHS*	283 21.1	278 21.0	5 28.2	787 17.0	767 17.0	20 17.4	216 10.1	215 19.1	1 66.7	733 18.7	704 19.0	29 13.0
In hospitals.....	271	267	4	781	762	19	135	135	1	725	690	26
Attended by physicians not in hospitals..	4	3	1	2	1	1	80	80		8	5	3
Attended by midwives.....	7	7		3	3							
Attended by others or unspecified.....	1	1		1	1							
FETAL DEATHS†	1 3.6	1 3.6		13 16.5	13 16.9		3 13.9	3 14.0		8 10.9	8 11.4	
In hospitals.....	1	1		13	13					8	8	
Attended by physicians not in hospitals..							2	2				
Attended by midwives.....							1	1				
Attended by others or unspecified.....												
TOTAL DEATHS*	149 11.1	146 11.1	3 16.9	464 10.0	454 10.0	10 8.7	121 10.7	121 10.7		279 7.1	260 7.0	19 8.5
Under 28 days of age‡	5 17.7	5 18.0		5 6.4	5 6.4		3 13.9	3 14.0		11 15.0	9 12.8	2 69.0
Under one year of age‡	9 31.8	9 32.4		13 16.5	13 16.9		4 18.5	4 18.6		16 21.8	14 19.9	2 69.0
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019).....	2 14.9	2 15.1		2 4.3	2 4.4		3 26.6	3 26.6		4 10.2	4 10.8	
of respiratory system (001-008).....	1 7.6	1 7.6		2 4.3	2 4.4		3 26.6	3 26.6		4 10.2	4 10.8	
Syphilis and its sequelae (020-029).....												
Gonococcal infection (030-035).....												
Typhoid fever (040).....												
Typhus fever (041).....												
Undulant fever (041).....												
Dysentery, all forms (045-048).....												
Scarlet fever and streptococcal sore throat (050, 051).....				1 2.2	1 2.2							
Diphtheria (055).....												
Whooping cough (056).....												
Meningococcal infections (057).....												
Tularemia (059).....												
Acute poliomyelitis (080).....												
Acute infectious encephalitis (082).....										1 2.5	1 2.7	
Measles (095).....												
Rabies (094).....												
Typhus fever (101, 102, 107).....												
Rocky Mountain spotted fever (104).....												
Malaria (110-117).....												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....												
Malignant neoplasms (140-205).....	19 141.9	18 136.3	1	62 133.7	61 134.9	1	15 132.9	15 133.1		32 81.6	30 81.1	2
Benign and unspec. neoplasms (210-239).....				2 4.3	2 4.4					1 2.5	1 2.7	
Diabetes mellitus (260).....				4 8.6	3 6.6	1				1 2.5	1 2.7	
Pellagra (281).....												
Avitaminosis and other deficiency states (280, 282-286).....							1 8.9	1 8.9				
Anemias (290-293).....				2 4.3	1 2.2	1						
Vascular lesions affecting central nervous system (330-334).....	21 156.9	21 159.0		49 105.7	48 106.1	1	11 97.4	11 97.6		49 124.9	42 113.5	7
Nonmeningococcal meningitis (340).....												
Rheumatic fever (400-402).....												
Diseases of the heart (410-443).....	47 351.1	45 340.6	2	196 422.7	193 426.8	3	35 310.1	35 310.6		101 257.5	94 254.1	7
Chronic rheumatic heart dis. (410-416).....				2 4.3	2 4.4					1 2.5	1 2.7	
Arteriosclerotic and degenerative heart disease (420-422).....	42 313.7	40 302.8	2	171 368.8	168 371.5	3	29 256.9	29 257.3		90 229.5	83 224.4	7
Other diseases of heart (430-434).....	4 29.9	4 30.3		10 21.6	10 22.1		4 35.4	4 35.6		3 7.6	3 8.1	
Hypertension with heart dis. (440-443).....	1 7.5	1 7.6		13 28.0	13 28.7		2 17.7	2 17.7		7 17.8	7 18.9	
Hypertension without mention of heart (444-447).....	3 22.4	3 22.7		3 6.5	3 6.6		2 17.7	2 17.7		2 5.1	2 5.4	
General arteriosclerosis (450).....	4 29.9	4 30.3		22 47.4	22 48.6		2 17.7	2 17.7		3 7.6	3 8.1	
Other dis. of circulatory system (451-468).....	1 7.5	1 7.6		5 10.8	3 6.6	2				3 7.6	3 8.1	
Influenza (480-483).....	2 14.0	2 15.1		2 4.5	2 4.4					2 5.1	2 5.4	
Pneumonia (490-493).....	8 59.8	8 60.6		14 30.2	13 28.7	1	6 53.2	6 53.2		10 25.5	10 27.0	
Bronchitis (500-502).....				1 2.2	1 2.2		2 17.7	2 17.7				
Other respiratory diseases (470-475, 510-527).....	2 14.9	2 15.1		12 25.9	12 26.5		5 44.3	5 44.4		5 12.7	5 13.5	
Ulcer of stomach and duodenum (540, 541).....	1 7.5	1 7.6		1 2.2	1 2.2		4 35.4	4 35.6		2 5.1	2 5.4	
Appendicitis (550-553).....	1 7.5	1 7.6										
Hernia and intestinal obstruction (560, 561, 570).....				3 6.5	3 6.6					1 2.5		1
Gastritis, enteritis, etc. (543, 571, 572).....				2 4.3	2 4.4		1 8.9	1 8.9		1 2.5	1 2.7	
Cirrhosis of liver (581).....				1 2.2	1 2.2		1 8.9	1 8.9		1 2.5	1 2.7	
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	1 7.5	1 7.6		3 6.5	3 6.6					3 7.6	3 8.1	
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....												
Chronic and unspec. nephritis and other renal sclerosis (592-594).....	1 7.5	1 7.6		2 4.3	2 4.4					7 17.8	7 18.9	
Hyperplasia of prostate (610).....				1 2.2	1 2.2		1 8.9	1 8.9				
Other diseases of genito-urinary system (600-609, 611-637).....	1 7.5	1 7.6		8 17.9	8 17.7		3 26.6	3 26.6		1 2.5	1 2.7	
Complications of pregnancy, childbirth and the puerperium (640-689).....												
Congenital malformations (750-759).....	1 7.5	1 7.6		4 8.6	4 8.8					1 2.5	1 2.7	
Birth injuries, postnatal asphyxia and atelectasis (760-762).....	2 14.9	2 15.1		3 6.5	3 6.6					3 7.6	2 5.4	1
Infections of the newborn (763-768).....	1 7.5	1 7.6										
Other diseases peculiar to early infancy, and immaturity unqualified (769-776).....	1 7.5	1 7.6		3 6.5	3 6.6		2 17.7	2 17.7		6 15.3	5 13.5	1
Senility, ill-defined and unknown causes (780-795).....	11 82.2	11 83.3		2 4.3	2 4.4		4 35.4	4 35.5		4 10.2	4 10.8	
Motor vehicle accidents (810-835).....	8 59.8	8 60.6		23 49.6	23 50.9		12 106.3	12 106.4		10 25.5	10 27.0	
All other accidents (800-802, 840-962).....	5 37.3	5 37.8		13 28.0	13 28.7		7 62.0	7 62.1		16 40.8	16 43.2	
Suicide (963, 970-979).....	1 7.5	1 7.6		6 12.9	6 13.3		2 17.7	2 17.7		2 5.1	2 5.4	
Homicide and operations of war (964, 965, 980-999).....				1 2.2	1 2.2					2 5.1	2 5.4	
All other diseases.....	5 37.3	5 37.8		11 23.7	11 24.3		2 17.7	2 17.7		5 12.7	5 13.5	

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.

\*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Title numbers are those of the International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955.

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1965.....	HAMILTON						HANGCOCK						HARDEMAN						HARDIN						
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	1,495	18.5	3,357	17.2	1,138	23.0	127	16.6	127	16.9	---	---	451	18.9	226	15.7	225	23.9	298	15.4	255	14.0	43	39.6	
In hospitals.....	1,470	---	3,337	---	1,133	---	109	---	109	---	---	---	178	---	145	---	33	---	294	---	253	---	41	---	
Attended by physicians not in hospitals.....	23	---	19	---	4	---	18	---	18	---	---	---	202	---	80	---	122	---	1	---	1	---	---	---	
Attended by midwives.....	2	---	1	---	1	---	---	---	---	---	---	---	69	---	1	---	68	---	2	---	---	---	---	---	
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	2	---	1	---	---	---	---	---	
FETAL DEATHS†	90	20.0	58	17.3	32	28.1	3	23.6	3	23.6	---	---	16	35.5	5	22.1	11	48.9	6	20.1	5	19.6	1	23.3	
In hospitals.....	88	---	56	---	32	---	3	---	3	---	---	---	12	---	4	---	8	---	6	---	5	---	1	---	
Attended by physicians not in hospitals.....	2	---	2	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	
Attended by midwives.....	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	3	---	---	---	---	---	---	---	
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TOTAL DEATHS*	2,332	9.6	1,753	9.0	570	12.1	75	9.8	75	10.0	---	---	236	9.9	153	10.6	83	8.8	189	9.8	174	9.5	15	13.8	
Under 28 days of age†	83	18.5	59	17.6	24	21.1	2	15.7	2	15.7	---	---	11	24.4	2	8.8	9	40.0	5	16.8	3	11.8	2	46.5	
Under one year of age†	110	24.5	72	21.4	38	33.4	4	31.5	4	31.5	---	---	18	39.9	4	17.7	14	62.2	10	33.0	6	23.6	4	53.0	
CAUSE OF DEATH**																									
Tuberculosis, all forms (001-019).....	23	9.5	14	7.2	9	18.9	---	---	---	---	---	---	1	4.2	1	6.9	---	---	1	5.2	1	5.5	---	---	
of respiratory system (001-008).....	20	8.2	13	6.7	7	14.7	---	---	---	---	---	---	1	4.2	1	6.9	---	---	1	5.2	1	5.5	---	---	
Syphilis and its sequelae (020-029).....	4	1.6	1	0.5	3	6.3	---	---	---	---	---	---	1	4.2	---	---	1	19.6	---	---	---	---	---	---	
Gonococcal infection (030-035).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (040).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (044).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (056).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057).....	---	---	---	---	---	---	---	---	---	---	---	---	1	4.2	---	---	1	19.6	---	---	---	---	---	---	---
Tularemia (059).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute infectious encephalitis (082).....	2	0.8	2	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085).....	1	0.4	1	0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104).....	---	---	---	---	---	---	1	13.1	1	13.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 091-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	8	3.3	6	3.1	2	4.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malignant neoplasms (140-205).....	355	146.2	273	139.9	82	171.9	7	91.7	7	93.0	---	---	28	117.5	19	132.0	9	95.5	30	155.2	28	163.6	2	---	
Benign and unsp. neoplasms (210-239).....	7	2.9	5	2.6	4	4.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diabetes mellitus (260).....	43	17.7	29	14.9	14	29.3	1	13.1	1	13.3	---	---	2	8.4	1	6.9	1	10.6	5	25.9	5	27.4	---	---	
Pellagra (281).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286).....	4	1.6	3	1.5	1	2.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anemias (290-293).....	2	0.8	2	1.0	---	---	---	---	---	---	---	---	1	4.2	1	6.9	---	---	---	---	---	---	---	---	---
Vascular lesions affecting central nervous system (330-334).....	297	122.3	213	109.2	84	176.1	14	183.4	14	186.0	---	---	19	79.8	11	76.4	8	84.9	33	170.8	31	170.0	2	---	
Nonmeningococcal meningitis (340).....	5	2.1	2	1.0	3	6.3	---	---	---	---	---	---	1	4.2	---	---	1	10.6	---	---	---	---	---	---	---
Rheumatic fever (400-402).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diseases of the heart (410-443).....	776	319.6	640	328.1	136	285.1	33	432.4	33	438.4	---	---	97	497.2	61	444.6	33	350.6	56	289.8	51	279.6	5	---	
Chronic rheumatic heart dis. (410-416).....	8	3.3	7	3.6	1	2.1	---	---	---	---	---	---	1	4.2	---	---	1	10.6	---	---	---	---	---	---	---
Arteriosclerotic and degenerative heart disease (420-422).....	638	262.8	540	276.8	98	205.4	27	353.8	27	358.7	---	---	90	377.8	60	416.8	30	318.2	53	274.5	48	263.2	5	---	
Other diseases of heart (430-434).....	51	21.0	39	20.0	12	25.2	4	52.4	4	53.1	---	---	2	8.4	2	13.9	---	---	1	5.2	1	6.5	---	---	
Hypertension with heart dis. (440-443).....	79	32.5	51	27.7	25	52.4	2	26.2	2	26.6	---	---	4	16.8	2	13.9	2	21.2	2	10.3	2	11.0	---	---	
Hypertension without mention of heart (444-447).....	20	8.2	13	6.7	7	14.7	2	26.2	2	26.6	---	---	5	21.0	4	27.8	1	10.6	3	15.5	3	16.4	---	---	
General arteriosclerosis (450).....	48	19.8	41	21.0	7	14.7	1	13.1	1	13.3	---	---	9	37.8	7	48.6	2	21.2	8	41.4	8	43.9	---	---	
Other dis. of circulatory system (451-468).....	35	14.4	28	14.4	7	14.7	1	13.1	1	13.3	---	---	3	12.6	3	20.8	---	---	1	5.2	1	6.5	---	---	
Influenza (480-483).....	1	0.4	1	0.5	---	---	---	---	---	---	---	---	1	4.2	---	---	1	10.6	---	---	---	---	---	---	
Pneumonia (490-493).....	69	28.4	49	26.1	20	41.9	1	13.1	1	13.3	---	---	7	29.4	3	20.8	4	42.4	9	46.6	6	32.9	3	---	
Bronchitis (500-502).....	11	4.5	10	5.1	1	2.1	1	13.1	1	13.3	---	---	1	4.2	1	6.9	---	---	---	---	---	---	---	---	
Other respiratory diseases (470-475, 510-527).....	27	11.1	22	11.3	5	10.5	1	13.1	1	13.3	---	---	3	12.6	2	13.9	1	10.6	---	---	---	---	---	---	
Ulcer of stomach and duodenum (540, 541).....	7	2.9	6	3.1	1	2.1	---	---	---	---	---	---	1	4.2	1	6.9	---	---	---	---	---	---	---	---	
Appendicitis (550-553).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hernia and intestinal obstruction (560, 561, 570).....	15	6.2	14	7.2	1	2.1	---	---	---	---	---	---	1	4.2	---	---	1	10.6	1	5.2	1	5.5	---	---	
Gastritis, enteritis, etc. (543, 571, 572).....	8	3.3	5	2.6	3	6.3	1	13.1	1	13.3	---	---	7	29.4	5	34.7	2	21.2	1	5.2	1	5.5	---	---	
Cirrhosis of liver (581).....	16	6.6	15	7.7	1	2.1	---	---	---	---	---	---	1	4.2	1	6.9	---	---	---	---	---	---	---	---	
Other diseases of digestive system (530-539, 542, 544, 545, 57																									

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	HAWKINS			HAYWOOD			HENDERSON			HENRY		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS*	611 18.5	583 18.3	28 23.7	440 19.2	129 14.3	311 22.5	280 15.8	236 14.0	41 22.3	300 13.8	241 12.6	58 20.8
In hospitals	580	552	28	178	121	57	275	231	41	304	240	61
Attended by physicians not in hospitals	23	23		91	7	84	3	2	1	4	1	3
Attended by midwives	7	7		170	1	169	2		2	1		1
Attended by others or unspecified	1	1		1		1						
FETAL DEATHS†	10 16.4	10 17.2		8 18.2	2 15.5	6 19.3	5 17.9	5 21.2		6 19.4	4 16.6	2 29.4
In hospitals	10	10		6	2	4	5	5		6	4	2
Attended by physicians not in hospitals				1		1						
Attended by midwives				1		1						
Attended by others or unspecified												
TOTAL DEATHS*	303 9.2	289 9.1	14 11.8	219 9.6	98 10.8	121 8.7	168 9.5	146 9.2	22 11.2	302 13.4	265 13.8	37 11.3
Under 28 days of age‡	13 21.3	10 17.2	3 197.1	12 27.3	1 7.8	11 35.4	1 3.6	1 4.2		4 12.9	2 8.3	2 29.4
Under one year of age‡	17 27.8	14 24.0	3 197.1	19 43.2	4 31.0	15 48.2	5 17.9	4 16.9	1 22.7	8 25.9	3 12.4	5 73.5
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019)	1 3.0	1 3.1								4 17.8	3 15.6	1
of respiratory system (001-008)	1 3.0	1 3.1								2 8.9	1 5.2	1
Syphilis and its sequelae (020-029)												
Gonococcal infection (030-035)												
Typhoid fever (040)												
Undulant fever (044)												
Dysentery, all forms (045-048)												
Scarlet fever and streptococcal sore throat (050, 051)												
Diphtheria (055)												
Whooping cough (056)												
Meningococcal infections (057)				1 4.4	1 11.0							
Tularemia (059)												
Acute poliomyelitis (080)												
Acute infectious encephalitis (082)												
Measles (085)	1 3.0	1 3.1										
Rabies (094)												
Typhus fever (101, 102, 107)												
Rocky Mountain spotted fever (104)												
Malaria (110-117)												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)	1 3.0	1 3.1		1 4.4	1 11.0		2 11.3	1 6.3	1			
Malignant neoplasms (140-205)	42 127.3	38 119.4	4	26 113.6	15 165.7	11 79.5	29 163.3	22 139.4	7	41 182.5	37 192.8	4
Benign and unspc. neoplasms (210-239)	1 3.0		1	1 4.4		1 7.2	1 5.6	1 6.3				
Diabetes mellitus (260)	1 3.0	1 3.1		2 8.7	1 11.0	1 7.2	2 11.3	2 12.7		6 26.7	6 31.3	
Pellagra (281)												
Avitaminosis and other deficiency states (280, 282-286)												
Anemias (290-293)	1 3.0	1 3.1								1 4.6	1 5.2	
Vascular lesions affecting central nervous system (330-334)	41 124.2	40 125.7	1	27 118.0	9 99.4	18 130.1	45 253.4	41 278.7	1	45 200.3	42 218.8	3
Nonmeningococcal meningitis (340)				1 4.4		1 7.2						
Rheumatic fever (400-402)												
Diseases of the heart (410-443)	107 324.2	104 326.9	3	95 415.1	43 475.1	52 375.8	49 275.9	44 278.7	5	117 520.8	104 541.9	13
Chronic rheumatic heart dis. (410-416)	1 3.0	1 3.1		1 4.4	1 11.0		1 5.6	1 6.3		1 4.5	1 5.2	
Arteriosclerotic and degenerative heart disease (420-422)	93 281.8	90 282.0	3	59 257.8	34 375.7	25 189.7	39 219.6	34 215.4	5	103 458.5	90 468.0	13
Other diseases of heart (430-434)	6 18.2	6 18.9		3 13.1	2 22.1	1 7.2	5 28.2	5 31.7		5 22.3	5 26.1	
Hypertension with heart dis. (440-443)	7 21.2	7 22.0		32 139.8	6 66.3	26 187.9	4 22.5	4 25.3		8 35.6	8 41.7	
Hypertension without mention of heart (444-447)	1 3.0	1 3.1		6 26.2	1 11.0	5 36.1	1 5.6		1	1 4.5	1 5.2	
General arteriosclerosis (450)	8 24.2	7 22.0	1	3 13.1	2 22.1	1 7.2	5 28.2	5 31.7		7 31.2	7 36.5	
Other dis. of circulatory system (451-468)	4 12.1	4 12.6		2 8.7	2 22.1		2 11.3	2 12.7		3 13.4	3 15.6	
Influenza (480-483)	1 3.0	1 3.1		2 8.7	1 11.0	1 7.2						
Pneumonia (490-493)	10 30.3	10 31.4		5 21.8		5 36.1	4 22.5	4 25.3		14 62.3	11 57.3	3
Bronchitis (500-502)	2 6.1	2 6.3		1 4.4	1 11.0							
Other respiratory diseases (470-475, 510-527)	6 18.2	6 18.9		1 4.4		1 7.2				7 31.2	6 31.3	1
Ulcer of stomach and duodenum (540, 541)							1 5.6	1 6.3				
Appendicitis (550-553)												
Hernia and intestinal obstruction (560, 561, 570)	2 6.1	2 6.3		1 4.4	1 11.0					1 4.5	1 5.2	
Gastritis, enteritis, etc. (543, 571, 572)										1 4.5	1 5.2	
Cirrhosis of liver (581)	2 6.1	2 6.3								2 8.9	2 10.4	
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	1 3.0	1 3.1					2 11.3	2 12.7		3 13.4	3 15.6	
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)												
Chronic and unspc. nephritis and other renal sclerosis (592-594)	5 15.2	5 15.7		2 8.7	2 22.1					2 8.9		2
Hyperplasia of prostate (610)	1 3.0	1 3.1		1 4.4	1 11.0					1 4.5	1 5.2	
Other diseases of genito-urinary system (600-609, 611-637)	1 3.0	1 3.1		2 8.7		2 14.5	1 5.6	1 6.3		1 4.5	1 5.2	
Complications of pregnancy, childbirth and the puerperium (640-649)												
Congenital malformations (750-759)	3 9.1	2 6.3	1	2 8.7	1 11.0	1 7.2	2 11.3	2 12.7		3 13.4	3 15.0	
Birth injuries, postnatal asphyxia and atelectasis (760-762)	2 6.1	2 6.3		2 8.7	1 11.0	1 7.2						
Infections of the newborn (763-768)	2 6.1	2 6.3		1 4.4		1 7.2						
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	6 18.2	4 12.6	2	4 17.5		4 28.9	1 5.6	1 6.3		4 17.8	2 10.4	2
Senility, ill-defined and unknown causes (780-795)	2 6.1	2 6.3		7 30.6	1 11.0	6 43.4	1 5.6	1 6.3		1 4.5		1
Motor vehicle accidents (810-835)	23 69.7	23 73.3		4 17.5	2 22.1	2 14.5	6 33.8	5 31.7	1	12 53.4	9 46.9	3
All other accidents (800-802, 840-902)	11 33.3	10 31.4	1	8 35.0	6 66.3	2 14.5	10 56.3	6 38.0	4	14 62.3	11 57.3	3
Suicide (993, 970-979)	3 9.1	3 9.4		3 13.1	2 22.1	1 7.2	1 5.6	1 6.3		5 22.3	5 26.1	
Homicide and operations of war (964, 965, 980-999)	2 6.1	2 6.3		3 13.1	1 11.0	2 14.5	1 5.6	1 6.3		1 4.5	1 5.2	
All other diseases	9 27.3	9 28.3		5 21.8	3 33.1	2 14.5	2 11.3		2	5 22.3	4 20.8	1

\*Rate per 1,000 population. †Rate per 1,000 live births. ‡These rates are not calculated when the number of births is less than 10.

\*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Title numbers are those of the International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955.

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	HICKMAN						HOUSTON						HUMPHREYS						JACKSON							
	Total		White		Nonwhite		Total		White		Nonwhite		Total		White		Nonwhite		Total		White		Nonwhite			
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
LIVE BIRTHS*	204	16.6	191	16.3	13	22.0	83	14.9	74	14.5	9	19.9	201	16.4	185	15.9	16	27.2	139	14.9	139	15.0				
In hospitals.....	165		181		11		28		28				183		168		15		136		136					
Attended by physicians not in hospitals..	7		7				51		46		5		18		17		1		1		1					
Attended by midwives.....	2				2		4				4								2		2					
Attended by others or unspecified.....																										
FETAL DEATHS†	3	14.7	3	15.7									2	10.0	2	10.8			4	28.8	4	28.8				
In hospitals.....	3		3										2		2				4		4					
Attended by physicians not in hospitals..																										
Attended by midwives.....																										
Attended by others or unspecified.....																										
TOTAL DEATHS*	114	9.3	109	9.3	5	8.5	62	11.1	56	11.0	6	13.2	133	10.9	125	10.7	8	13.6	93	10.0	93	10.0				
Under 28 days of age†	3	14.7	3	15.7			1	12.0			1		1	5.0	1	5.4			1	7.2	1	7.2				
Under one year of age†	6	29.4	6	31.4			2	24.1			2		1	5.0	1	5.4			3	21.6	3	21.6				
CAUSE OF DEATH**																										
Tuberculosis, all forms (001-019).....	1	8.1	1	8.6									1	8.2	1	8.6			1	10.7	1	10.8				
of respiratory system (001-008).....	1	8.1	1	8.6									1	8.2	1	8.6			1	10.7	1	10.8				
Syphilis and its sequelae (020-029).....																										
Gonococcal infection (030-035).....																										
Typhoid fever (040).....																										
Undulant fever (044).....																										
Dysentery, all forms (045-048).....																										
Scarlet fever and streptococcal sore throat (050, 051).....																										
Diphtheria (055).....																										
Whooping cough (056).....																										
Meningococcal infections (057).....																										
Tularemia (059).....																										
Acute poliomyelitis (050).....																										
Acute infectious encephalitis (082).....																										
Measles (085).....																										
Rabies (094).....																										
Typhus fever (101, 102, 107).....																										
Rocky Mountain spotted fever (104).....																										
Malaria (110-117).....																										
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 099, 103, 120-139).....	1	8.1	1	8.6															1	10.7	1	10.8				
Malignant neoplasms (140-205).....	16	130.3	15	128.3	1		4	71.9	4	78.3			20	163.6	19	163.3	1		8	85.8	8	86.1				
Benign and unsp. neoplasms (210-239).....													1	8.2	1	8.6			1	10.7	1	10.8				
Diabetes mellitus (200).....	1	8.1			1														4	42.9	4	43.0				
Pellagra (281).....																										
Avitaminosis and other deficiency states (280, 282-286).....																										
Anemias (290-293).....													1	8.2	1	8.6										
Vascular lesions affecting central nervous system (330-334).....	15	122.1	12	102.6	3		11	197.8	11	215.3			10	81.8	10	85.9			12	128.7	12	129.1				
Nonmeningococcal meningitis (340).....																										
Rheumatic fever (400-402).....																										
Diseases of the heart (410-443).....	45	369.3	45	384.8			25	449.5	23	450.2	2		69	564.5	65	558.6	4		42	459.4	42	452.0				
Chronic rheumatic heart dis. (410-416).....													1	8.2	1	8.6			1	10.7	1	10.8				
Arteriosclerotic and degenerative heart disease (420-422).....	40	325.6	40	342.1			22	395.5	21	411.0	1		62	507.2	58	498.5	4		34	364.6	34	365.9				
Other diseases of heart (430-434).....													4	32.7	4	34.4										
Hypertension with heart dis. (440-443).....	5	40.7	5	42.8			3	53.9	2	39.1	1		2	16.4	2	17.2			7	75.1	7	75.3				
Hypertension without mention of heart (444-447).....	1	8.1	1	8.6									1	8.2	1	8.6										
General arteriosclerosis (450).....	2	16.3	2	17.1			4	71.9	4	78.3			1	8.2	1	8.6			4	42.9	4	43.0				
Other dis. of circulatory system (451-469).....							2	36.0	1	19.6	1		3	24.5	3	25.8										
Influenza (480-483).....							1	18.0			1		1	8.2	1	8.6			1	10.7	1	10.8				
Pneumonia (490-493).....	4	32.6	4	34.2			2	39.0	1	19.6	1		7	57.3	6	51.6	1									
Bronchitis (500-502).....	1	8.1	1	8.6									1	8.2	1	8.6										
Other respiratory diseases (470-475, 510-527).....	1	8.1	1	8.6			3	53.9	3	58.7			1	8.2	1	8.6										
Ulcer of stomach and duodenum (510, 541).....																			1	10.7	1	10.8				
Appendicitis (550-553).....																										
Hernia and intestinal obstruction (560, 561, 570).....	1	8.1	1	8.6															1	10.7	1	10.8				
Gastritis, enteritis, etc. (543, 571, 572).....																			1	10.7	1	10.8				
Cirrhosis of liver (581).....	1	8.1	1	8.6			1	18.0	1	19.6									1	10.7	1	10.8				
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	3	24.4	3	25.7									2	16.4	2	17.2			1	10.7	1	10.8				
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....																										
Chronic and unsp. nephritis and other renal sclerosis (592-594).....																										
Hyperplasia of prostate (610).....	1	8.1	1	8.6															1	10.7	1	10.8				
Other diseases of genito-urinary system (600-609, 611-637).....	1	8.1	1	8.6									1	8.2	1	8.6			1	10.7	1	10.8				
Complications of pregnancy, childbirth and the puerperium (640-689).....																										
Congenital malformations (750-759).....	2	16.3	2	17.1																						

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	JEFFERSON						JOHNSON						KNOX						LAKE					
	TOTAL 25,116		WHITE 24,118		Nonwhite 998		TOTAL 11,277		WHITE 11,139		Nonwhite 138		TOTAL 270,752		WHITE 245,676		Nonwhite 24,076		TOTAL 8,716		WHITE 6,725		Nonwhite 1,991	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	448	17.8	435	18.0	13	13.0	178	15.8	175	15.7	3	21.7	4,461	16.5	3,961	16.1	407	20.0	199	22.8	128	19.0	71	35.1
In hospitals.....	445	---	432	---	13	---	127	---	126	---	1	---	4,442	---	3,947	---	495	---	73	---	66	---	7	---
Attended by physicians not in hospitals.....	2	---	2	---	---	---	50	---	48	---	2	---	14	---	12	---	2	---	109	---	61	---	48	---
Attended by midwives.....	1	---	1	---	---	---	---	---	---	---	---	---	4	---	4	---	---	---	17	---	1	---	16	---
Attended by others or unspecified.....	---	---	---	---	---	---	1	---	1	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---
FETAL DEATHS†	6	15.4	6	15.8	---	---	7	39.9	7	40.0	---	---	84	18.8	76	19.2	8	16.1	2	19.1	1	7.8	1	14.1
In hospitals.....	6	---	6	---	---	---	6	---	6	---	---	---	81	---	74	---	7	---	1	---	1	---	---	---
Attended by physicians not in hospitals.....	---	---	---	---	---	---	1	---	1	---	---	---	3	---	2	---	1	---	1	---	---	---	---	---
Attended by midwives.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL DEATHS*	240	9.6	226	9.4	14	14.0	131	11.6	126	11.3	5	36.2	2,442	9.0	2,102	8.5	340	14.1	91	10.4	61	9.1	30	14.8
Under 28 days of age †	9	20.1	9	20.7	---	---	3	16.9	3	17.1	---	---	52	11.7	42	10.6	10	20.1	6	30.2	2	15.6	4	56.3
Under one year of age †	15	53.5	14	52.2	1	76.9	3	16.9	3	17.1	---	---	86	19.3	66	16.6	20	40.2	8	40.2	2	15.6	6	84.5
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019).....	2	8.0	1	4.1	1	---	---	---	---	---	---	---	27	10.0	20	8.1	7	29.1	---	---	---	---	---	---
of respiratory system (001-008).....	2	8.0	1	4.1	1	---	---	---	---	---	---	---	22	8.1	17	6.9	5	20.8	---	---	---	---	---	---
Syphilis and its sequelae (020-029).....	---	---	---	---	---	---	---	---	---	---	---	---	3	1.1	3	1.2	---	---	---	---	---	---	---	---
Gonococcal infection (030-035).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (040).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (044).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (059).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057).....	---	---	---	---	---	---	---	---	---	---	---	---	3	1.1	2	0.8	1	4.2	---	---	---	---	---	---
Tularemia (059).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute infectious encephalitis (082).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (030-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 098, 108, 120-138).....	2	8.0	2	8.3	---	---	---	---	---	---	---	---	13	4.8	11	4.5	2	8.3	---	---	---	---	---	---
Malignant neoplasms (140-205).....	36	143.3	34	141.0	2	---	17	150.7	16	143.6	1	---	381	140.7	335	135.8	46	191.1	6	68.6	5	74.3	1	---
Benign and unsp. neoplasms (210-239).....	---	---	---	---	---	---	---	---	---	---	---	---	4	1.5	3	1.2	1	4.2	---	---	---	---	---	---
Diabetes mellitus (260).....	6	23.9	6	24.9	---	---	5	44.3	5	44.9	---	---	26	9.6	20	8.1	6	24.9	1	11.4	1	14.9	---	---
Pellagra (281).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286).....	---	---	---	---	---	---	---	---	---	---	---	---	3	1.1	2	0.8	1	4.2	---	---	---	---	---	---
Anemias (290-293).....	1	4.0	1	4.1	---	---	---	---	---	---	---	---	6	2.2	2	0.8	4	16.6	1	11.4	1	14.9	---	---
Vascular lesions affecting central nervous system (330-334).....	45	179.2	45	186.6	---	---	21	186.2	21	188.5	---	---	274	101.2	234	94.9	40	166.1	27	308.7	17	252.8	10	---
Nonmeningococcal meningitis (340).....	---	---	---	---	---	---	---	---	---	---	---	---	1	0.4	1	0.4	---	---	---	---	---	---	---	---
Rheumatic fever (400-402).....	87	346.4	82	340.0	5	---	54	478.9	51	457.9	3	---	928	342.7	828	335.7	100	416.4	25	285.8	19	232.5	6	---
Diseases of the heart (410-443).....	---	---	---	---	---	---	---	---	---	---	---	---	11	4.1	10	4.1	1	4.2	---	---	---	---	---	---
Chronic rheumatic heart dis. (410-416).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Arteriosclerotic and degenerative heart disease (420-422).....	73	290.7	69	286.1	4	---	44	390.2	42	377.1	2	---	794	293.3	715	289.9	79	328.1	23	263.0	19	232.5	4	---
Other diseases of heart (430-434).....	7	27.9	7	29.0	---	---	4	35.5	4	35.9	---	---	42	15.3	39	15.8	3	12.5	1	11.4	---	---	---	---
Hypertension with heart dis. (440-443).....	7	27.9	6	24.9	1	---	6	53.2	5	44.9	1	---	81	29.9	61	25.9	17	70.6	1	11.4	---	---	---	---
Hypertension without mention of heart (441-447).....	2	8.0	1	4.1	1	---	---	---	---	---	---	---	12	4.4	9	3.6	3	12.5	1	11.4	---	---	---	---
General arteriosclerosis (450).....	4	15.9	3	12.4	1	---	2	17.7	2	18.0	---	---	42	15.5	38	15.4	4	16.0	3	34.3	3	44.6	---	---
Other dis. of circulatory system (451-469).....	3	11.9	3	12.4	---	---	---	---	---	---	---	---	25	9.2	22	8.9	3	12.5	1	11.4	1	14.9	---	---
Influenza (480-483).....	2	8.0	2	8.3	---	---	4	35.5	3	26.9	1	---	85	31.4	67	27.2	18	74.8	3	34.3	2	29.7	1	---
Pneumonia (490-493).....	6	23.9	6	24.9	---	---	6	53.2	6	53.9	---	---	8	3.0	7	2.8	1	4.2	---	---	---	---	---	---
Bronchitis (500-502).....	---	---	---	---	---	---	1	8.9	1	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other respiratory diseases (470-475, 510-527).....	3	11.9	3	12.4	---	---	1	8.9	1	9.0	---	---	53	19.6	50	20.3	3	12.5	1	11.4	---	---	---	---
Ulcer of stomach and duodenum (540, 541).....	1	4.0	1	4.1	---	---	---	---	---	---	---	---	12	4.4	11	4.5	1	4.2	---	---	---	---	---	---
Appendicitis (550-553).....	---	---	---	---	---	---	---	---	---	---	---	---	3	1.1	3	1.2	---	---	---	---	---	---	---	---
Hernia and intestinal obstruction (560, 561, 570).....	---	---	---	---	---	---	---	---	---	---	---	---	10	3.7	10	4.1	---	---	---	---	---	---	---	---
Gastritis, enteritis, etc. (543, 571, 572).....	---	---	---	---	---	---	1	8.9	1	9.0	---	---	9	3.3	8	3.2	1	4.2	---	---	---	---	---	---
Cirrhosis of liver (581).....	3	11.9	2	8.3	1	---	2	17.7	2	18.0	---	---	28	10.3	24	9.7	4	16.6	---	---	---	---	---	---
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-597).....	1	4.0	1	4.1	---	---	---	---	---	---	---	---	23	8.5	22	8.9	1	4.2	---	---	---	---	---	---
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....</																								

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	LAUDERDALE						LAWRENCE						LEWIS						LINCOLN					
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	116	17.6	195	13.4	221	24.4	578	18.1	593	18.6	9	15.3	111	16.6	110	16.3	1	35.4	425	16.1	368	16.1	57	17.3
In hospitals.....	235	.....	171	.....	61	.....	566	.....	557	.....	9	.....	108	.....	105	.....	3	.....	413	.....	361	.....	52	.....
Attended by physicians not in hospitals.....	123	.....	21	.....	102	.....	12	.....	12	.....	.....	.....	5	.....	5	.....	.....	.....	7	.....	7	.....	.....	.....
Attended by midwives.....	57	.....	.....	.....	57	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
Attended by others or unspecified.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
FETAL DEATHS†	13	31.2	4	20.5	9	40.7	5	8.7	5	8.8	.....	.....	1	8.8	1	9.1	.....	.....	10	23.5	9	24.5	1	17.5
In hospitals.....	10	.....	4	.....	6	.....	5	.....	5	.....	.....	.....	1	.....	1	.....	.....	.....	10	.....	9	.....	1	.....
Attended by physicians not in hospitals.....	3	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Attended by midwives.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Attended by others or unspecified.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTAL DEATHS*	254	10.7	167	11.5	87	9.6	291	9.3	281	9.2	10	17.0	55	8.0	54	8.0	1	8.8	297	11.3	251	11.0	13	13.1
Under 28 days of age†.....	16	38.5	7	35.0	9	40.7	12	20.8	12	21.1	.....	.....	1	8.8	1	9.1	.....	.....	14	32.0	12	32.6	2	35.1
Under one year of age†.....	22	52.0	9	46.2	13	68.8	15	26.0	14	24.6	1	.....	2	17.5	2	18.2	.....	.....	17	40.0	13	35.3	4	70.2
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019).....	1	4.2	1	6.9	.....	.....	1	3.2	1	3.3	.....	.....	.....	.....	.....	.....	.....	.....	2	7.6	1	4.3	1	.....
of respiratory system (001-008).....	1	4.2	1	6.9	.....	.....	1	3.2	1	3.3	.....	.....	.....	.....	.....	.....	.....	.....	2	7.6	1	4.3	1	.....
Syphilis and its sequelae (020-029).....	1	4.2	1	6.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gonococcal infection (030-035).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhoid fever (040).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Undulant fever (044).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery, all forms (045-048).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet fever and streptococcal sore throat (050, 051).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (055).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping cough (056).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meningococcal infections (057).....	1	4.2	.....	.....	1	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tularemia (059).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute poliomyelitis (080).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute infectious encephalitis (082).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles (085).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rabies (094).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhus fever (101, 102, 107).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rocky Mountain spotted fever (104).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malaria (110-117).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 098, 108, 120-138).....	3	12.7	1	6.9	2	22.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7.6	1	4.3	1	.....
Malignant neoplasms (140-205).....	39	195.0	24	164.7	15	165.3	44	140.8	41	133.7	3	.....	6	87.5	6	89.0	.....	.....	40	151.9	36	156.2	4	.....
Benign and unsp. neoplasms (210-239).....	3	12.7	2	13.7	1	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7.6	2	8.7	.....	.....
Diabetes mellitus (260).....	6	25.4	4	27.5	2	22.0	1	3.2	1	3.3	.....	.....	.....	.....	.....	.....	.....	.....	1	3.8	.....	.....	.....	.....
Pellagra (281).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Avitaminosis and other deficiency states (280, 282-286).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anomias (290-293).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vascular lesions affecting central nervous system (330-334).....	34	143.8	21	144.2	13	143.3	34	108.8	34	110.9	.....	.....	6	87.5	6	89.0	.....	.....	46	174.7	41	177.9	5	.....
Nonmeningococcal meningitis (340).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rheumatic fever (400-402).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diseases of the heart (410-443).....	82	346.9	62	435.6	20	220.5	126	403.1	122	397.8	4	.....	21	306.4	20	296.7	1	.....	114	432.9	99	429.7	15	.....
Chronic rheumatic heart dis. (410-416).....	1	4.2	1	6.9	.....	.....	3	9.6	2	6.5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arteriosclerotic and degenerative heart disease (420-422).....	68	287.6	55	377.5	13	143.3	114	364.7	111	361.9	3	.....	21	306.4	20	296.7	1	.....	86	326.6	77	334.2	9	.....
Other diseases of heart (430-434).....	2	8.5	2	13.7	.....	.....	2	6.4	2	6.5	.....	.....	.....	.....	.....	.....	.....	.....	18	68.4	12	52.1	6	.....
Hypertension with heart dis. (440-443).....	11	46.5	4	27.5	7	77.2	7	22.4	7	22.8	.....	.....	.....	.....	.....	.....	.....	.....	10	38.0	10	43.4	.....	.....
Hypertension without mention of heart (444-447).....	1	4.2	1	6.9	.....	.....	1	3.2	1	3.3	.....	.....	1	14.6	1	14.8	.....	.....	.....	.....	.....	.....	.....	.....
General arteriosclerosis (450).....	7	29.6	6	41.2	1	11.0	4	12.8	3	9.8	1	.....	1	14.6	1	14.8	.....	.....	6	22.8	5	21.7	1	.....
Other dis. of circulatory system (451-468).....	4	16.9	4	27.5	.....	.....	3	9.6	3	9.8	.....	.....	.....	.....	.....	.....	.....	.....	2	7.6	2	8.7	.....	.....
Influenza (480-483).....	2	8.5	.....	.....	2	22.0	1	3.2	1	3.3	.....	.....	.....	.....	.....	.....	.....	.....	4	15.2	4	17.4	.....	.....
Pneumonia (490-493).....	13	55.0	10	68.6	3	33.1	10	32.0	9	29.3	1	.....	3	43.8	3	44.5	.....	.....	9	34.2	9	39.1	.....	.....
Bronchitis (500-502).....	1	4.2	1	6.9	.....	.....	2	6.4	2	6.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other respiratory diseases (470-475, 510-527).....	5	21.2	4	27.5	1	11.0	6	19.2	6	19.6	.....	.....	1	14.6	1	14.8	.....	.....	2	7.6	1	4.3	1	.....
Ulcer of stomach and duodenum (540, 541).....	.....	.....	.....	.....	.....	.....	2	6.4	2	6.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Appendicitis (550-553).....	.....	.....	.....	.....	.....	.....	1	3.2	1	3.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hernia and intestinal obstruction (560, 561, 570).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gastritis, enteritis, etc. (543, 571, 572).....	1	4.2	.....	.....	1	11.0	1</																	

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	LOUDON						McMINN						McNAIRY						MACON					
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	381	15.3	370	15.1	11	27.2	671	18.9	636	19.0	35	17.8	301	16.1	273	15.7	28	21.7	187	14.4	183	14.4	1	10.0
In hospitals.....	377	15.3	366	15.1	11	27.2	667	18.9	632	19.0	35	17.8	293	16.1	269	15.7	24	21.7	187	14.4	185	14.4	1	10.0
Attended by physicians not in hospitals.....	4	1.6	4	1.6	0	0.0	3	0.8	3	0.9	0	0.0	4	2.2	4	2.3	0	0.0	0	0.0	0	0.0	0	0.0
Attended by midwives.....	1	0.4	1	0.4	0	0.0	1	0.3	1	0.3	0	0.0	1	0.5	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0
Attended by others or unspecified.....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FETAL DEATHS†.....	4	10.5	4	10.8	0	0.0	14	20.9	11	17.3	3	85.7	4	13.3	3	11.0	1	35.7	2	10.7	2	10.8	0	0.0
In hospitals.....	4	10.5	4	10.8	0	0.0	12	17.9	9	14.1	3	85.7	4	13.3	3	11.0	1	35.7	2	10.7	2	10.8	0	0.0
Attended by physicians not in hospitals.....	0	0.0	0	0.0	0	0.0	2	2.9	2	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Attended by midwives.....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Attended by others or unspecified.....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL DEATHS*	247	9.9	243	9.9	4	9.9	326	9.2	311	9.3	15	7.6	205	11.0	188	10.8	17	13.2	128	9.8	127	9.8	1	10.0
Under 23 days of age†.....	7	18.4	6	16.2	1	99.9	14	20.9	14	22.0	0	0.0	3	10.0	3	11.0	0	0.0	3	16.0	3	16.1	0	0.0
Under one year of age†.....	13	34.1	12	32.4	1	99.9	18	29.8	17	26.7	1	28.6	7	23.3	7	25.6	0	0.0	4	21.4	4	21.5	0	0.0
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019).....	1	4.0	1	4.1	0	0.0	1	2.8	1	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
of respiratory system (001-003).....	1	4.0	1	4.1	0	0.0	1	2.8	1	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis and its sequelae (020-029).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonococcal infection (030-035).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid fever (040).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Undulant fever (041).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Dysentery, all forms (045-048).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Scarlet fever and streptococcal sore throat (050, 051).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.4	0	0.0	1	7.7	0	0.0	0	0.0	0	0.0
Diphtheria (055).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Whooping cough (056).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningococcal infections (057).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularemia (059).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute poliomyelitis (080).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Acute infectious encephalitis (082).....	0	0.0	0	0.0	0	0.0	1	2.8	1	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles (085).....	1	4.0	1	4.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies (094).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhus fever (101, 102, 107).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rocky Mountain spotted fever (104).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malaria (110-117).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	1	4.0	1	4.1	0	0.0	2	5.6	2	6.0	0	0.0	2	10.7	2	11.5	0	0.0	0	0.0	0	0.0	0	0.0
Malignant neoplasms (140-205).....	36	144.9	35	143.2	1	27.2	46	129.7	44	131.3	2	51.4	18	96.6	15	86.4	3	23.3	19	149.1	19	147.2	0	0.0
Benign and unsp. neoplasms (210-239).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	10.7	1	5.8	1	7.7	0	0.0	0	0.0	0	0.0
Diabetes mellitus (260).....	1	4.0	1	4.1	0	0.0	4	11.3	4	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Pellagra (281).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Avitaminosis and other deficiency states (280, 282-286).....	2	8.1	2	8.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias (290-293).....	1	4.0	1	4.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Vascular lesions affecting central nervous system (330-334).....	37	149.0	35	143.2	2	27.2	35	98.7	30	89.5	5	51.4	25	134.1	24	138.2	1	7.7	17	130.7	17	131.7	0	0.0
Nonmeningococcal meningitis (340).....	1	4.0	1	4.1	0	0.0	0	0.0	0	0.0	0	0.0	1	5.4	1	5.8	0	0.0	0	0.0	0	0.0	0	0.0
Rheumatic fever (400-402).....	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diseases of the heart (410-443).....	87	350.2	87	356.0	0	0.0	142	400.3	138	411.7	4	51.4	101	541.6	93	535.7	8	59.5	51	392.1	51	395.1	0	0.0
Chronic rheumatic heart dis. (410-416).....	3	12.1	3	12.3	0	0.0	2	5.6	2	6.0	0	0.0	3	16.1	3	17.3	0	0.0	0	0.0	0	0.0	0	0.0
Arteriosclerotic and degenerative heart disease (420-422).....	69	277.8	69	282.4	0	0.0	124	349.5	121	361.0	3	51.4	89	477.3	83	478.1	6	44.4	50	384.4	50	387.4	0	0.0
Other diseases of heart (430-434).....	1	4.0	1	4.1	0	0.0	4	11.3	4	11.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypertension with heart dis. (440-443).....	14	56.4	14	57.3	0	0.0	12	33.8	11	32.8	1	28.6	9	48.3	7	40.3	2	15.5	1	7.7	1	7.7	0	0.0
Hypertension without mention of heart (444-447).....	0	0.0	0	0.0	0	0.0	4	11.3	4	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
General arteriosclerosis (450).....	5	20.1	5	20.5	0	0.0	13	36.6	13	38.8	0	0.0	4	21.5	4	23.0	0	0.0	1	7.7	0	0.0	1	10.0
Other dis. of circulatory system (451-468).....	4	16.1	4	16.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	23.1	3	23.2	0	0.0
Influenza (480-483).....	2	8.1	2	8.2	0	0.0	0	0.0	0	0.0	0	0.0	6	32.2	6	34.0	0	0.0	4	30.8	4	31.0	0	0.0
Pneumonia (490-493).....	9	36.2	9	36.8	0	0.0	12	33.8	10	29.8	2	51.4	6	32.2	6	34.0	0	0.0	0	0.0	0	0.0	0	0.0
Bronchitis (500-502).....	2	8.1	2	8.2	0	0.0	0	0.0	0	0.0														

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	MADISON						MARION						MARSHALL						MAURY					
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	1,056	16.7	562	13.6	494	23.7	378	18.1	361	18.4	17	13.1	275	15.2	239	14.9	36	16.9	765	16.8	585	15.9	180	20.3
In hospitals.....	936	.....	557	.....	379	.....	292	.....	278	.....	14	.....	268	.....	235	.....	33	.....	698	.....	581	.....	114	.....
Attended by physicians not in hospitals.....	11	.....	5	.....	6	.....	84	.....	81	.....	3	.....	5	.....	4	.....	1	.....	42	.....	42	.....	42	.....
Attended by midwives.....	109	.....	.....	.....	109	.....	1	.....	1	.....	.....	.....	2	.....	.....	.....	2	.....	24	.....	1	.....	23	.....
Attended by others or unspecified.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
FETAL DEATHS†	20	18.9	8	14.2	12	24.5	7	18.5	7	19.4	.....	.....	4	14.5	4	16.7	.....	.....	18	23.5	9	15.4	9	50.0
In hospitals.....	17	.....	8	.....	9	.....	7	.....	7	.....	.....	.....	4	.....	4	.....	.....	.....	17	.....	9	.....	8	.....
Attended by physicians not in hospitals.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
Attended by midwives.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Attended by others or unspecified.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTAL DEATHS*	749	11.9	466	11.3	283	13.0	211	10.1	191	9.7	20	15.5	226	12.5	199	12.4	27	12.7	495	10.9	367	10.0	128	14.5
Under 28 days of age†	20	18.9	8	14.2	12	24.5	9	23.8	9	24.9	.....	.....	11	40.0	10	41.8	1	27.8	18	23.5	9	15.4	9	50.0
Under one year of age†	29	27.5	11	19.6	18	36.4	14	37.0	14	38.8	.....	.....	11	40.0	10	41.8	1	27.8	25	32.7	11	18.8	14	77.8
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019).....	3	4.7	2	4.8	1	4.6	1	4.8	1	5.1	.....	.....	1	5.5	1	6.5	.....	.....	3	6.6	2	5.4	1	11.5
of respiratory system (001-008).....	3	4.7	2	4.8	1	4.6	1	4.8	1	5.1	.....	.....	1	5.5	1	6.5	.....	.....	3	6.6	2	5.4	1	11.5
Syphilis and its sequelae (020-029).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gonococcal infection (030-035).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhoid fever (040).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Undulant fever (044).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery, all forms (045-048).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet fever and streptococcal sore throat (050, 051).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (055).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping cough (059).....	1	1.0	.....	.....	1	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meningococcal infections (057).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tularemia (059).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute poliomyelitis (080).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute infectious encephalitis (082).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles (085).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rubella (094).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhus fever (101, 102, 107).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rocky Mountain spotted fever (104).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malaria (110-117).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-088, 095, 098, 108, 120-138).....	5	7.9	3	7.2	2	9.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	11.0	3	8.2	2	22.6
Malignant neoplasms (140-205).....	98	155.2	65	157.0	33	151.7	34	162.4	32	162.9	2	.....	29	160.0	26	162.6	3	.....	71	155.8	56	162.5	15	199.5
Benign and unspec. neoplasms (210-230).....	1	1.6	.....	.....	1	4.6	1	4.8	1	5.1	.....	.....	2	11.0	1	6.5	.....	.....	1	2.2	1	2.7	.....	.....
Diabetes mellitus (260).....	6	9.5	3	7.2	3	13.8	3	14.5	3	15.5	.....	.....	12	66.2	10	62.5	2	.....	9	19.8	4	10.9	5	56.5
Pellagra (281).....	1	1.6	.....	.....	1	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Avitaminosis and other deficiency states (280, 282-286).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anemias (290-293).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vascular lesions affecting central nervous system (330-334).....	159	247.0	89	214.9	67	298.0	18	86.0	14	71.5	4	.....	27	149.0	23	145.8	4	.....	75	194.6	54	147.1	21	237.3
Nonmeningococcal meningitis (340).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rheumatic fever (400-402).....	1	1.6	1	2.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diseases of the heart (410-443).....	285	451.2	192	463.7	93	427.5	79	377.4	71	361.5	8	.....	87	480.0	78	437.7	9	.....	149	327.0	114	310.5	35	395.6
Chronic rheumatic heart dis. (410-416).....	4	6.3	3	7.2	1	4.6	.....	.....	.....	.....	.....	.....	1	6.5	1	6.5	.....	.....	3	6.6	2	5.4	1	11.5
Arteriosclerotic and degenerative heart disease (420-422).....	218	332.6	178	420.9	70	321.8	60	286.6	57	290.3	3	.....	68	375.2	64	400.2	4	.....	116	254.6	93	253.3	23	259.9
Other diseases of heart (430-434).....	8	12.7	4	9.7	4	18.4	5	23.9	4	20.4	1	.....	3	16.0	1	6.5	.....	.....	17	37.3	12	32.7	5	56.5
Hypertension with heart dis. (440-443).....	25	39.6	7	16.9	18	82.7	14	69.9	10	60.9	4	.....	15	82.8	12	75.0	3	.....	13	28.5	7	19.1	6	67.8
Hypertension without mention of heart (444-447).....	14	22.2	9	21.7	5	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
General arteriosclerosis (450).....	10	15.8	8	19.5	2	9.2	3	14.5	3	15.8	.....	.....	8	44.1	7	43.8	1	.....	12	26.3	11	30.0	1	11.3
Other dis. of circulatory system (451-468).....	7	11.1	5	12.1	2	9.2	1	4.8	1	5.1	.....	.....	4	22.1	4	26.0	.....	.....	8	17.0	7	19.1	1	11.3
Influenza (480-483).....	1	1.6	1	2.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pneumonia (490-493).....	28	44.5	17	41.1	11	50.6	9	43.0	7	35.6	2	.....	4	22.1	3	18.8	1	.....	24	52.7	18	49.0	6	67.8
Bronchitis (500-502).....	2	3.2	1	2.4	1	4.6	1	4.8	1	5.1	.....	.....	.....	.....	.....	.....	.....	.....	3	6.6	3	8.2	.....	.....
Other respiratory diseases (470-475, 510-527).....	15	23.7	13	31.4	2	9.2	4	19.1	4	20.4	.....	.....	6	33.1	6	37.5	.....	.....	10	21.0	8	21.8	2	22.6
Ulcer of stomach and duodenum (540, 541).....	1	1.6	.....	.....	1	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Appendicitis (550-553).....	2	3.2	.....	.....	2	9.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hernia and intestinal obstruction (560, 561, 570).....	6	9.5	4	9.7	2	9.2	3	14.5	3	15.5	.....	.....												

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	MEIGS						MONROE						MONTGOMERY						MOORE					
	Total 5,236		White 4,988		Nonwhite 248		Total 24,086		White 23,144		Nonwhite 942		Total 63,392		White 51,449		Nonwhite 11,933		Total 3,582		White 3,243		Nonwhite 339	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	110	21.0	105	21.1	5	20.2	485	20.1	462	20.0	23	24.4	923	14.6	710	13.8	213	17.8	43	12.0	40	12.3	3	8.8
In hospitals	105		100		5		449		428		21		891		700		191		43		40		3	
Attended by physicians not in hospitals	1		1				32		30		2		10		6		4							
Attended by midwives	3		3				2		2				22		4		18							
Attended by others or unspecified	1		1				2		2															
FETAL DEATHS†	2	18.2	2	19.0			13	26.8	11	25.8	2	87.0	21	22.8	14	19.7	7	32.9	2	46.6	1	25.0	1	
In hospitals	2		2				12		11		1		19		14		5		2		1		1	
Attended by physicians not in hospitals							1				1						2							
Attended by midwives													2				2							
Attended by others or unspecified																								
TOTAL DEATHS*	47	9.0	46	9.2	1	4.0	247	10.5	232	10.0	15	16.9	411	6.5	287	5.6	124	10.4	20	5.6	18	5.6	2	5.9
Under 28 days of age	2	18.2	2	19.0			5	10.3	5	10.8			15	16.5	7	9.9	8	37.6						
Under one year of age	3	27.3	2	19.0	1		11	22.7	10	21.6	1	45.6	17	18.4	9	12.7	8	37.6						
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019)	1	19.1	1				4	16.6	3	13.0	1		3	4.7	2	3.9	1	8.4						
of respiratory system (001-008)	1	19.1	1				4	16.6	3	13.0	1		3	4.7	2	3.9	1	8.4						
Syphilis and its sequelae (020-022)													1	1.0			1	8.4						
Gonococcal infection (030-035)																								
Typhoid fever (040)																								
Undulant fever (041)																								
Dysentery, all forms (045-048)																								
Scarlet fever and streptococcal sore throat (050, 051)							1	4.2	1	4.3														
Diphtheria (055)																								
Whooping cough (056)																								
Meningococcal infections (057)							1	4.2	1	4.3														
Tularemia (059)																								
Acute poliomyelitis (080)																								
Acute infectious encephalitis (082)																								
Measles (085)																								
Rabies (094)																								
Typhus fever (101, 102, 107)																								
Rocky Mountain spotted fever (104)																								
Malaria (110-117)																								
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 096-093, 095, 096, 108, 120-138)							1	4.2	1	4.3			2	3.2	2	3.9								
Malignant neoplasms (140-206)	5	95.5	5				27	112.1	26	112.3	1		71	112.0	55	106.9	16	184.1	5	139.6	5			
Benign and unsp. neoplasms (210-230)													1	1.9	1	1.9								
Diabetes mellitus (260)							6	24.9	5	21.6	1		4	6.3	1	1.9	3	26.1	2	55.8	2			
Pellagra (281)																								
Pellagra and other deficiency states (280, 282-289)																								
Anemias (290-293)													1	1.6	1	1.9								
Vascular lesions affecting central nervous system (330-334)	8	152.8	8				33	137.0	32	138.3	1		46	72.6	29	56.4	17	142.6	2	55.8	2			
Nonmeningococcal meningitis (340)																								
Rheumatic fever (400-402)																								
Diseases of the heart (410-443)	20	382.0	20				83	344.6	78	337.0	5		120	189.3	88	171.0	32	298.2	5	139.6	4		1	
Chronic rheumatic heart dis. (410-416)													1	1.6	1	1.9								
Arteriosclerotic and degenerative heart disease (420-422)	18	343.8	18				71	294.8	66	285.2	5		94	148.3	76	147.7	18	150.8	3	83.8	3			
Other diseases of heart (430-434)	1	19.1	1				2	8.3	2	8.6			4	6.3	2	3.9	2	16.8	2	55.8	1		1	
Hypertension with heart dis. (440-443)	1	19.1	1				10	41.6	10	43.2			21	33.1	9	17.5	12	100.6						
Hypertension without mention of heart (444-447)							1	4.2	1	4.3			1	1.6	1	1.9								
General arteriosclerosis (450)	2	38.2	2				2	8.3	2	8.6			12	18.9	11	21.4	1	8.4						
Other dis. of circulatory system (451-498)	1	19.1	1				5	20.8	5	21.6			3	4.7	3	5.8								
Influenza (480-483)							6	24.0	6	25.9														
Pneumonia (490-493)	2	38.2	1		1		19	78.9	17	73.4	2		11	17.4	6	11.7	5	41.9	1	27.9	1			
Bronchitis (500-502)	2	38.2	2				3	12.5	3	13.6			2	3.2	2	3.9								
Other respiratory diseases (470-475, 510-527)							4	16.6	4	17.3			12	18.9	10	19.4	2	16.8	1	27.9	1			
Ulcer of stomach and duodenum (540, 541)							1	4.2	1	4.3														
Appendicitis (550-553)							1	4.2	1	4.3														
Hernia and intestinal obstruction (560, 561, 570)							1	4.2	1	4.3			1	1.6			1	8.4						
Gastritis, enteritis, etc. (543, 571, 572)							1	4.2	1	4.3			1	1.6			1	8.4	1	27.9	1			
Cirrhosis of liver (581)																								
Other diseases of digestive system (530-530, 542, 544, 545, 573-580, 582-587)							3	12.5	3	13.0			4	6.3	3	5.8	1	8.4						
Acute nephritis (590, 591)													1	1.6	1	1.9								
Chronic and unsp. nephritis and other renal sclerosis (592-594)							1	4.2	1	4.3			4	6.3	1	1.9	3	25.1	1	27.9			1	
Hyperplasia of prostate (610)							1	4.2	1	4.3														
Other diseases of genito-urinary system (600-609, 611-637)	1	19.1	1				2	8.3	2	8.6			3	4.7	2	3.9	1	8.4						
Complications of pregnancy, childbirth and the puerperium (640-689)													2	21.7	1	14.1	1	46.9						
Congenital malformations (750-760)	1	19.1	1				1	4.2	1	4.3			1	1.6	1	1.9								
Birth injuries, postnatal asphyxia and atelectasis of the newborn (763-768)	1	19.1	1				1	4.2	1	4.3			3	4.7	1	1.9	2	16.8						
Infections of the newborn (769-778)													2	3.2	1	1.9	1	8.4						
Other diseases peculiar to early infancy, and immaturity unqualified (769-778)			</																					

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	MORGAN			OBION			OVERTON			PERRY		
	TOTAL 11,498 No. Rate	WHITE 11,117 No. Rate	Nonwhite 311 No. Rate	TOTAL 28,576 No. Rate	WHITE 25,292 No. Rate	Nonwhite 3,241 No. Rate	TOTAL 15,886 No. Rate	WHITE 15,809 No. Rate	Nonwhite 77 No. Rate	TOTAL 5,116 No. Rate	WHITE 4,914 No. Rate	Nonwhite 202 No. Rate
LIVE BIRTHS*	217 15.0	217 15.4		448 15.7	384 15.2	64 19.7	269 16.9	268 17.0	1 13.0	68 13.3	65 13.2	3 14.9
In hospitals.....	194	194		428	371	57	256	255	1	54	51	3
Attended by physicians not in hospitals.....	22	22		12	12		4	4		14	14	
Attended by midwives.....	1	1		8	1	7	6	6				
Attended by others or unspecified.....							3	3				
FETAL DEATHS†	5 23.0	5 23.0		12 26.8	8 20.8	4 62.5	5 18.6	5 18.7				
In hospitals.....	5	5		11	7	4	5	5				
Attended by physicians not in hospitals.....				1	1							
Attended by midwives.....												
Attended by others or unspecified.....												
TOTAL DEATHS*	122 8.5	121 8.6	1 3.2	339 11.9	300 11.9	39 12.6	189 11.9	189 12.0		60 11.7	59 12.0	1 5.0
Under 28 days of age†	2 9.2	2 9.2		7 15.6	6 15.6	1 15.6	4 14.9	4 14.9		1 14.7	1 15.4	
Under one year of age†	4 18.4	4 18.4		9 20.1	6 15.6	3 46.9	7 29.0	7 29.1		2 29.4	2 30.8	
CAUSE OF DEATH**												
Tuberculosis, all forms (001-019)	1 6.9	1 7.1		3 10.5	3 11.9		2 12.6	2 12.7				
of respiratory system (001-008)	1 6.9	1 7.1		2 7.0	2 7.9		2 12.6	2 12.7				
Syphilis and its sequelae (020-029)												
Gonococcal infection (030-035)												
Typhoid fever (040)												
Undulant fever (044)												
Dysentery, all forms (045-048)												
Scarlet fever and streptococcal sore throat (050, 051)												
Diphtheria (055)												
Whooping cough (056)												
Meningococcal infections (057)												
Tularemia (059)												
Acute poliomyelitis (080)												
Acute infectious encephalitis (082)												
Measles (085)												
Rabies (094)												
Typhus fever (101, 102, 107)												
Rocky Mountain spotted fever (104)												
Malaria (110-117)												
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)							1 6.3	1 6.3				
Malignant neoplasms (140-205)	18 124.8	18 127.5		42 147.2	38 150.2	4	27 170.0	27 170.8		9 175.9	8	1
Benign and unsp. neoplasms (210-239)							1 6.3	1 6.3				
Diabetes mellitus (260)	2 13.9	2 14.2		6 21.0	3 11.9	3	5 31.5	5 31.6		1 19.6	1	
Pellagra (281)												
Avitaminosis and other deficiency states (280, 282-286)												
Anemias (290-293)				1 3.5	1 4.0							
Vascular lesions affecting central nervous system (330-334)	15 104.0	14 99.2	1	63 220.8	55 217.5	8	11 69.2	11 69.6		3 58.6	3	
Nonmeningococcal meningitis (340)				1 3.5	1 4.0							
Rheumatic fever (400-402)												
Diseases of the heart (410-443)	47 325.8	47 332.9		133 466.1	123 486.3	10	82 510.2	82 518.7		25 488.7	25	
Chronic rheumatic heart dis. (410-416)				1 3.5	1 4.0		1 6.3	1 6.3				
Arteriosclerotic and degenerative heart disease (420-422)	44 305.0	44 311.7		115 403.0	110 434.9	5	72 453.2	72 455.4		21 410.5	21	
Other diseases of heart (430-434)	1 6.9	1 7.1		1 3.5	1 4.0		2 12.6	2 12.7		2 39.1	2	
Hypertension with heart dis. (440-443)	2 13.9	2 14.2		16 56.1	11 43.5	5	7 44.1	7 44.3		2 39.1	2	
Hypertension without mention of heart (444-447)												
General arteriosclerosis (450)	3 20.8	3 21.3		10 35.0	9 35.6	1	2 12.6	2 12.7		1 19.5	1	
Other dis. of circulatory system (451-468)	2 13.9	2 14.2		5 17.5	3 11.9	2	4 25.2	4 25.3		1 19.5	1	
Influenza (480-483)	1 6.9	1 7.1										
Pneumonia (490-493)	4 27.7	4 28.3		12 42.1	10 39.5	2	18 113.5	18 113.9				
Bronchitis (500-502)	2 13.9	2 14.2		1 3.5	1 4.0							
Other respiratory diseases (470-475, 510-527)	3 20.8	3 21.3		3 10.5	2 7.9	1	3 18.9	3 19.0		3 58.6	3	
Ulcer of stomach and duodenum (540, 541)	1 6.9	1 7.1		3 10.5	3 11.9		1 6.3	1 6.3				
Appendicitis (550-553)												
Hernia and intestinal obstruction (560, 561, 570)				1 3.5	1 4.0							
Gastritis, enteritis, etc. (543, 571, 572)							1 6.3	1 6.3				
Cirrhosis of liver (581)	1 6.9	1 7.1								1 19.5	1	
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	3 20.8	3 21.3		3 10.5	3 11.9		1 6.3	1 6.3		2 39.1	2	
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)							2 12.6	2 12.7				
Chronic and unsp. nephritis and other renal sclerosis (592-594)				2 7.0	1 4.0	1	1 6.3	1 6.3				
Hyperplasia of prostate (610)				1 3.5	1 4.0					2 39.1	2	
Other diseases of genito-urinary system (600-609, 611-637)				6 21.0	5 19.8	1	1 6.3	1 6.3				
Complications of pregnancy, childbirth and the puerperium (640-689)							1 37.2	1 37.3				
Congenital malformations (750-759)				4 14.0	4 15.8							
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1 6.9	1 7.1		1 3.5	1 4.0		1 6.3	1 6.3		1 19.6	1	
Infections of the newborn (763-768)				1 3.5	1 4.0							
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	1 6.9	1 7.1		3 10.5	2 7.9	1	3 18.9	3 19.0				
Senility, ill-defined and unknown causes (780-795)	2 13.9	2 14.2		2 7.0	1 4.0	1	2 12.6	12.7		1 19.5	1	
Motor vehicle accidents (810-835)	10 69.3	10 70.8		11 38.5	10 39.5	1	5 31.5	5 31.6		3 58.6	3	
All other accidents (800-802, 840-902)	2 13.9	2 14.2		12 42.1	10 39.5	2	8 50.4	8 50.6		3 58.6	3	
Suicide (963, 970-979)	1 6.9	1 7.1		4 14.0	4 15.8		4 25.2	4 25.3		1 19.5	1	
Homicide and operations of war (964, 965, 980-999)				3 10.5	2 7.9	1						
All other diseases.....	2 13.9	2 14.2		2 7.0	2 7.9		2 12.6	12.7		2 39.1	2	

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.

\*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 100,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Title numbers are those of the *International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955*.



TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	ROANE						ROBERTSON						RUTHERFORD						SCOTT					
	TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite		TOTAL		WHITE		Nonwhite	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	668	17.1	630	16.7	38	25.3	500	16.2	373	14.0	127	23.9	1,311	22.1	1,114	21.4	200	26.7	332	20.4	332	20.4	---	---
In hospitals	660	---	621	---	36	---	496	---	373	---	123	---	1,301	---	1,112	---	192	---	295	---	295	---	---	---
Attended by physicians not in hospitals	6	---	5	---	1	---	4	---	---	---	4	---	3	---	1	---	2	---	6	---	6	---	---	---
Attended by midwives	1	---	---	---	1	---	---	---	---	---	---	---	5	---	---	---	5	---	30	---	30	---	---	---
Attended by others or unspecified	1	---	1	---	---	---	---	---	---	---	---	---	2	---	1	---	1	---	1	---	1	---	---	---
FETAL DEATHS†	9	13.5	9	14.3	---	---	15	30.0	6	16.1	9	70.9	22	16.7	18	16.2	4	20.0	9	27.1	9	27.1	---	---
In hospitals	9	---	9	---	---	---	15	---	6	---	9	---	21	---	17	---	4	---	9	---	9	---	---	---
Attended by physicians not in hospitals	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---
Attended by midwives	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Attended by others or unspecified	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL DEATHS*	349	8.9	321	8.5	28	18.7	311	10.1	241	9.6	67	12.6	457	7.7	382	7.3	75	10.0	139	8.5	139	8.5	---	---
Under 28 days of age†	13	19.6	13	20.6	---	---	9	18.0	5	13.4	4	31.5	20	15.2	16	14.4	4	20.0	7	21.1	7	21.1	---	---
Under one year of age†	19	28.4	18	23.6	1	26.3	13	26.0	7	18.8	6	47.2	28	21.3	23	20.6	5	25.0	10	30.1	10	30.1	---	---
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019)	2	5.1	2	5.3	---	---	2	6.5	2	7.8	---	---	4	6.7	4	7.7	---	---	2	12.5	2	12.5	---	---
of respiratory system (001-009)	1	2.6	1	2.7	---	---	2	6.5	2	7.8	---	---	4	6.7	4	7.7	---	---	2	12.5	2	12.5	---	---
Syphilis and its sequelae (020-029)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gonococcal infection (030-035)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (040)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (044)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (050)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057)	1	2.6	1	2.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tularemia (050)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute Infectious encephalitis (082)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085)	1	2.6	1	2.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (030-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)	3	7.7	2	6.8	1	---	3	9.7	3	11.8	---	---	4	6.7	3	5.8	1	15.4	1	6.1	1	6.1	---	---
Malignant neoplasms (140-205)	44	112.5	40	106.3	4	---	41	133.0	33	129.4	8	150.4	74	124.2	61	117.1	13	175.7	14	86.0	14	86.1	---	---
Benign and unsp. neoplasms (210-239)	---	---	---	---	---	---	---	---	---	---	---	---	1	1.7	1	1.9	---	---	1	6.1	1	6.1	---	---
Diabetes mellitus (200)	7	17.9	7	18.6	---	---	6	19.5	6	23.5	---	---	2	3.4	2	3.8	---	---	3	18.4	3	18.4	---	---
Pellagra (281)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286)	---	---	---	---	---	---	---	---	---	---	---	---	1	1.7	---	---	1	15.4	---	---	---	---	---	---
Anemias (290-293)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vascular lesions affecting central nervous system (330-334)	40	102.5	38	101.0	2	---	42	136.2	36	141.1	6	112.8	53	89.0	46	83.3	7	95.5	15	92.2	15	92.2	---	---
Nonmeningococcal meningitis (340)	---	---	---	---	---	---	1	3.2	1	5.9	---	---	2	3.4	2	3.8	---	---	---	---	---	---	---	---
Rheumatic fever (400-402)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diseases of the heart (410-443)	144	368.2	134	356.3	10	---	124	402.2	98	384.1	26	438.9	164	275.3	136	261.1	28	374.1	51	515.4	51	515.6	---	---
Chronic rheumatic heart dis. (410-416)	8	20.5	8	21.3	---	---	1	3.2	1	5.9	---	---	3	6.0	3	5.8	---	---	---	---	---	---	---	---
Arteriosclerotic and degenerative heart disease (420-422)	115	294.0	108	287.1	7	---	106	343.8	92	369.6	14	263.3	148	248.4	123	236.1	25	334.0	47	288.9	47	288.9	---	---
Other diseases of heart (430-434)	8	20.5	7	18.6	1	---	6	19.6	3	11.8	3	56.4	5	8.4	4	7.7	1	13.4	1	6.1	1	6.1	---	---
Hypertension with heart dis. (440-443)	13	33.2	11	29.2	2	---	11	35.7	2	7.8	9	169.2	8	13.4	6	11.5	2	26.7	3	18.4	3	18.4	---	---
Hypertension without mention of heart (444-447)	1	2.6	1	2.7	---	---	---	---	---	---	1	18.8	6	10.1	5	9.6	1	15.4	1	6.1	1	6.1	---	---
General arteriosclerosis (450)	4	10.2	4	10.6	---	---	11	35.7	10	39.2	1	18.8	9	15.1	9	17.3	---	---	5	30.7	5	30.7	---	---
Other dis. of circulatory system (451-463)	4	10.2	3	8.0	1	---	4	13.0	3	11.8	1	18.8	9	15.1	5	9.6	4	53.4	---	---	---	---	---	---
Influenza (480-483)	---	---	---	---	---	---	1	3.2	---	---	1	18.8	---	---	---	---	---	---	---	---	---	---	---	---
Pneumonia (490-493)	7	17.9	6	16.0	1	---	14	45.4	11	43.1	3	56.4	20	33.6	16	30.7	4	53.4	1	6.1	1	6.1	---	---
Bronchitis (500-502)	5	12.8	5	13.3	---	---	1	3.2	1	5.9	---	---	1	1.7	1	1.9	---	---	2	12.5	2	12.5	---	---
Other respiratory diseases (470-476, 510-527)	5	12.8	5	13.3	---	---	2	6.5	1	5.9	1	18.8	11	18.5	11	21.1	---	---	3	18.4	3	18.4	---	---
Ulcer of stomach and duodenum (540, 541)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Appendicitis (550-553)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hernia and intestinal obstruction (560, 561, 570)	1	2.6	1	2.7	---	---	4	13.0	3	11.8	1	18.8	3	5.0	3	5.8	---	---	1	6.1	1	6.1	---	---
Gastritis, enteritis, etc. (543, 571, 572)	---	---	---	---	---	---	---	---	---	---	---	---	2	3.4	2	3.8	---	---	1	6.1	1	6.1	---	---
Cirrhosis of liver (581)	4	10.2	4	10.6	---	---	2	6.5	2	7.8	---	---	1	1.7	1	1.9	---	---	1	6.1	1	6.1	---	---
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	1	2.6	1	2.7	---	---	2	6.5	2	7.8	---	---	7	11.7	6	11.5	1	13.4	2	12.3	2	12.3	---	---
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic and unsp. nephritis and other renal sclerosis (592-594)	3	7.7	3	8.0	---	---	2	6.5																



TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	STEWART						SULLIVAN						SUMNER						TIPTON					
	TOTAL 8,130 No.	WHITE 7,885 Rate	Nonwhite 245 Rate	TOTAL 123,422 No.	WHITE 120,858 Rate	Nonwhite 2,564 Rate	TOTAL 47,883 No.	WHITE 42,511 Rate	Nonwhite 5,339 Rate	TOTAL 30,156 No.	WHITE 18,334 Rate	Nonwhite 11,822 Rate												
LIVE BIRTHS*	117	14.4	115	14.6	2	8.2	2,258	18.3	2,213	18.3	45	17.6	867	18.1	764	18.0	103	19.3	642	21.3	329	17.9	313	26.5
In hospitals	97		96		1		2,251		2,207		44		848		760		88		437		295		142	
Attended by physicians not in hospitals	19		19		1		6		5		1		19		4		15		116		31		82	
Attended by midwives	1		1				1		1										89				89	
Attended by others or unspecified																								
FETAL DEATHS†							41	18.2	40	18.1	1	22.2	17	19.6	16	20.9	1	9.7	13	20.2	3	9.1	10	31.9
In hospitals							41		40		1		16		15		1		11		3		8	
Attended by physicians not in hospitals													1		1				1				1	
Attended by midwives																								
Attended by others or unspecified																								
TOTAL DEATHS*	109	13.4	103	13.1	6	24.5	913	7.4	884	7.3	29	11.3	460	9.6	407	9.6	53	9.9	322	10.7	207	11.3	115	9.7
Under 28 days of age†	2	17.1	2	17.4			39	17.3	37	16.7	2	44.4	10	11.5	9	11.8	1	9.7	11	17.1	5	15.2	6	19.2
Under one year of age†	6	51.3	6	52.2			51	22.6	49	22.1	2	44.4	12	13.8	10	13.1	2	19.4	22	34.3	6	13.2	16	51.1
CAUSE OF DEATH**																								
Tuberculosis, all forms (001-019)	1	12.3	1	12.7			5	4.1	4	3.8	1		6	12.5	4	9.4	2	37.5	1	3.3	1	5.5		
of respiratory system (001-008)	1	12.3	1	12.7			5	4.1	4	3.8	1		5	10.4	3	7.1	2	37.5	1	3.3	1	5.5		
Syphilis and its sequelae (020-029)							1	0.8	1	0.8														
Gonococcal infection (030-035)																								
Typhoid fever (040)																								
Undulant fever (044)																								
Dysentery, all forms (045-048)																								
Scarlet fever and streptococcal sore throat (050, 051)																								
Diphtheria (055)																								
Whooping cough (056)																								
Meningococcal infections (057)																			1	3.3			1	8.5
Tularemia (059)																								
Acute poliomyelitis (080)																								
Acute infectious encephalitis (082)							1	0.8	1	0.8									1	3.3	1	5.5		
Measles (085)	1	12.3																	1	3.3	1	5.5		
Rabies (094)			1																					
Typhus fever (101, 102, 107)																								
Rocky Mountain spotted fever (104)																								
Malaria (110-117)																								
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)	1	12.3			1		3	2.4	2	1.7	1		1	2.1	1	2.4			1	3.3	1	5.5		
Malignant neoplasms (140-205)	14	172.2	14	177.6			142	115.1	142	117.5			55	114.9	50	117.5	5	93.7	43	142.9	30	163.6	13	119.0
Benign and unsp. neoplasms (210-239)							1	0.8	1	0.8														
Diabetes mellitus (260)							14	11.3	13	10.8	1		4	8.4	4	9.4			3	9.9	1	5.5	2	16.9
Pellagra (281)																								
Avitaminosis and other deficiency states (280, 282-286)																			1	3.3			1	8.5
Anemias (290-293)							1	0.8	1	0.8			2	4.2			2	37.5						
Vascular lesions affecting central nervous system (330-334)	15	184.5	15	190.2			110	89.1	107	88.5	3		60	125.3	52	122.2	8	149.8	51	169.1	34	185.4	17	143.8
Nonmeningococcal meningitis (340)							1	0.8	1	0.8														
Rheumatic fever (400-402)	1	12.3	1	12.7									1	2.1	1	2.4								
Diseases of the heart (410-443)	42	516.6	40	507.3	2		351	284.4	340	281.3	11		207	432.3	186	437.2	21	393.3	110	394.6	85	463.6	34	287.6
Chronic rheumatic heart dis. (410-416)							8	6.5	8	6.6			3	6.9	3	7.1								
Arteriosclerotic and degenerative heart disease (420-422)	40	492.0	38	481.9	2		306	247.0	297	245.7	9		189	394.7	170	399.6	19	355.0	108	358.1	80	436.3	28	236.8
Other diseases of heart (430-434)							13	10.5	12	9.9	1		6	12.5	5	11.8	1	18.7	4	13.3	2	19.9	2	16.9
Hypertension with heart dis. (440-443)	2	24.6	2	25.4			24	19.4	23	19.0	1		9	18.8	8	18.8	1	18.7	7	23.2	3	16.4	4	33.8
Hypertension without mention of heart (444-447)	1	12.3	1	12.7			9	7.3	9	7.4			2	4.2	2	4.7			4	13.3	1	5.5	3	25.4
General arteriosclerosis (450)	2	24.6	2	25.4			21	17.0	20	16.5	1		10	20.9	10	23.5			2	6.6	1	5.5	1	8.5
Other dis. of circulatory system (451-468)	1	12.3	1	12.7			17	13.8	14	11.6	3		9	18.8	8	18.8	1	18.7	9	29.8	5	27.3	4	33.8
Influenza (480-483)							3	2.4	3	2.5														
Pneumonia (490-493)	4	49.2	3	38.0	1		32	25.9	29	24.0	3		24	50.1	19	44.7	5	93.7	10	33.2	6	32.7	4	33.8
Bronchitis (500-502)							3	2.4	3	2.5			1	2.1	1	2.4			1	3.3	1	5.5		
Other respiratory diseases (470-475, 510-527)	3	36.9	2	25.4	1		24	19.4	23	19.0	1		5	10.4	5	11.8			5	16.6	5	27.3		
Ulcer of stomach and duodenum (540, 541)	2	24.6	2	25.4			9	7.3	9	7.4			5	10.4	4	9.4	1	18.7	2	6.6	2	10.9		
Appendicitis (550-553)																								
Hernia and intestinal obstruction (560, 561, 570)	1	12.3	1	12.7			4	3.2	4	3.3			5	10.4	3	7.1	2	37.5	5	16.6	1	5.5	1	33.8
Gastritis, enteritis, etc. (543, 571, 572)																								
Cirrhosis of liver (581)	1	12.3	1	12.7			8	6.5	8	6.6									2	6.6	2	10.9		
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	1	12.3	1	12.7			6	4.9	6	5.0			2	4.2	2	4.7			1	3.3	1	5.5		
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)																			2	6.6			2	16.9
Chronic and unsp. nephritis and other renal sclerosis (592-594)	1	12.3	1	12.7			2	1.6	2	1.7			1	2.1	1	2.4			3	9.9	1	5.5	2	16.9
Hyperplasia of prostate (610)																								
Other diseases of genito-urinary system (600-609, 611-637)							1	0.8	1	0.8			1	2.1	1	2.4			1	3.3	1	5.5		
Complications of pregnancy, childbirth and the puerperium (640-689)																			3	46.7	1	30.4	2	63.9
Congenital malformations (750-759)	1	12.3	1	12.7			21	17.0	21	17.4			3	6.3	2	4.7	1	18.7	1	3.3	1	5.5		
Birth injuries, postnatal asphyxia and atelectasis (760-762)	1	12.3	1	12.7			15	12.2	15	12.4			2	4.2	2	4.7			2	6.6	1	5.5	1	8.5
Infections of the newborn (763-768)							4	3.2	3	2.5	1								2	6.6			2	16.9
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)							10	8.1	9	7.4	1		6	12.5	5	11.8	1	18.7	5	16.6	3	16.4	2	16.9
Senility, ill-defined and unknown causes (780-795)	4	49.2	4	50.7			5	4.1	5	4.1			2	4.2	2	4.7			12	39.8	2	10.9	10	84.6
Motor vehicle accidents (810-835)	5	61.5	5	63.4			21	17.0	20	16.5	1		16	33.4	15	35.3	1	18.7	11	36.5	7	38.2	4	33.8
All other accidents (800-802, 840-962)	2	24.6	2	25.4			30	24.3	30	24.8			15	31.3	14	32.9	1	18.7	8	26.5	4	21.8	4	33.8
Suicide (963, 970-979)	1	12.3	1	12.7			15	12.2	14	11.6	1		4	8.4	4	9.4			2	6.6	2	10.9		
Homicide and operations of war (964, 965, 980-9																								



TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

Estimated Population, July 1, 1966.....	WARREN						WASHINGTON						WAYNE						WEAKLEY						
	TOTAL 26,066		WHITE 21,919		Nonwhite 1,147		TOTAL 66,810		WHITE 64,517		Nonwhite 2,293		TOTAL 12,981		WHITE 12,759		Nonwhite 225		TOTAL 25,510		WHITE 23,792		Nonwhite 1,718		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
LIVE BIRTHS*	488	18.7	450	18.4	29	25.3	1,178	17.6	1,122	17.4	56	24.4	210	16.2	208	16.3	2	8.9	368	14.4	331	13.9	37	21.2	
In hospitals.....	479	---	450	---	29	---	1,169	---	1,116	---	53	---	207	---	205	---	2	---	356	---	321	---	35	---	
Attended by physicians not in hospitals.....	9	---	9	---	---	---	6	---	4	---	2	---	1	---	1	---	---	---	10	---	9	---	1	---	
Attended by midwives.....	---	---	---	---	---	---	2	---	---	---	1	---	2	---	2	---	---	---	1	---	---	---	1	---	
Attended by others or unspecified.....	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	
FETAL DEATHS†	11	22.5	10	21.8	1	34.5	18	15.3	17	15.2	1	17.9	1	4.8	1	4.8	---	---	8	21.7	8	24.2	---	---	
In hospitals.....	11	---	10	---	1	---	18	---	17	---	1	---	1	---	1	---	---	---	7	---	7	---	---	---	
Attended by physicians not in hospitals.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	
Attended by midwives.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TOTAL DEATHS*	269	10.3	256	10.3	13	11.3	672	10.1	639	9.9	33	14.4	103	7.9	97	7.6	6	26.7	368	14.4	339	14.2	29	16.6	
Under 28 days of age†	9	18.4	9	19.6	---	---	19	16.1	19	16.9	---	---	2	9.5	2	9.6	---	---	9	24.5	8	24.2	1	27.0	
Under one year of age†	15	39.7	15	32.7	---	---	23	19.5	22	19.6	1	17.9	4	19.0	4	19.2	---	---	14	38.0	10	30.2	4	108.1	
CAUSE OF DEATH**																									
Tuberculosis, all forms (001-019)	2	7.7	1	4.0	1	---	2	5.0	2	5.1	---	---	1	7.7	1	7.8	---	---	1	5.9	1	4.2	---	---	
of respiratory system (001-008)	2	7.7	1	4.0	1	---	2	5.0	2	5.1	---	---	1	7.7	1	7.8	---	---	1	5.9	1	4.2	---	---	
Syphilis and its sequelae (020-029)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gonococcal infection (030-035)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (040)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (041)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (056)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057)	1	5.8	1	4.0	---	---	1	1.5	1	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Tularemia (059)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute infectious encephalitis (082)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117)	---	---	---	---	---	---	1	1.5	1	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)	2	7.7	2	8.0	---	---	1	1.5	---	---	1	---	---	---	---	---	---	---	1	5.9	1	4.2	---	---	
Malignant neoplasms (140-205)	33	126.6	32	128.4	1	---	75	112.9	71	110.9	4	---	13	100.1	10	78.4	3	---	54	211.4	52	218.6	2	---	
Benign and unsp. neoplasms (210-239)	1	3.8	1	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	7.8	2	8.4	---	---	
Diabetes mellitus (260)	8	30.7	7	28.1	1	---	9	15.5	9	13.9	---	---	1	7.7	---	---	1	---	2	7.8	2	8.4	---	---	
Pellagra (281)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anemias (290-293)	1	5.8	1	4.0	---	---	1	1.5	1	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vascular lesions affecting central nervous system (330-334)	32	122.8	31	124.4	1	---	103	154.2	99	153.4	4	---	13	100.1	12	94.1	1	---	48	187.9	47	197.5	1	---	
Nonmeningococcal meningitis (340)	---	---	---	---	---	---	2	3.0	2	3.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rheumatic fever (400-402)	1	5.8	1	4.0	---	---	1	1.5	1	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Diseases of the heart (410-443)	112	429.7	110	441.4	2	---	270	404.1	252	399.6	18	---	49	377.4	49	384.0	---	---	139	544.2	125	535.4	14	---	
Chronic rheumatic heart dis. (410-416)	---	---	---	---	---	---	3	4.5	3	4.6	---	---	1	7.7	1	7.8	---	---	---	---	---	---	---	---	
Arteriosclerotic and degenerative heart disease (420-422)	104	509.0	102	499.3	2	---	237	354.7	220	341.0	17	---	42	323.5	42	329.2	---	---	133	520.8	120	504.4	13	---	
Other diseases of heart (430-434)	7	26.9	7	28.1	---	---	10	15.0	10	15.5	---	---	5	38.5	5	32.2	---	---	2	7.8	1	4.2	1	---	
Hypertension with heart dis. (440-443)	1	5.8	1	4.0	---	---	20	29.9	19	29.4	1	---	1	7.7	1	7.8	---	---	4	15.7	4	16.8	---	---	
Hypertension without mention of heart (444-447)	---	---	---	---	---	---	3	4.5	3	4.6	---	---	---	---	---	---	---	---	---	13	50.9	13	54.6	---	---
General arteriosclerosis (450)	2	7.7	2	8.0	---	---	15	22.5	14	21.7	1	---	2	15.4	2	15.7	---	---	13	50.9	12	50.4	1	---	
Other dis. of circulatory system (451-468)	3	11.5	2	8.0	1	---	9	13.5	9	13.9	---	---	---	---	---	---	---	---	4	15.7	4	16.8	---	---	
Influenza (480-483)	---	---	---	---	---	---	1	1.5	1	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Pneumonia (490-493)	10	58.4	9	56.1	1	---	39	58.4	38	58.9	1	---	2	15.4	2	15.7	---	---	16	62.6	14	58.8	2	---	
Bronchitis (500-502)	2	7.7	2	8.0	---	---	2	3.0	2	3.1	---	---	---	---	---	---	---	---	3	11.7	2	8.4	1	---	
Other respiratory diseases (470-475, 510-527)	2	7.7	2	8.0	---	---	11	16.5	11	17.0	---	---	3	23.1	3	23.5	---	---	5	19.6	5	21.0	---	---	
Ulcer or stomach and duodenum (540, 541)	1	5.8	1	4.0	---	---	10	15.0	10	15.5	---	---	---	---	---	---	---	---	---	1	3.9	1	4.2	---	---
Appendicitis (550-553)	1	5.8	1	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hernia and intestinal obstruction (560, 561, 570)	2	7.7	2	8.0	---	---	9	13.5	9	13.9	---	---	---	---	---	---	---	---	---	1	3.9	1	4.2	---	---
Gastritis, enteritis, etc. (513, 571, 572)	1	5.8	1	4.0	---	---	2	3.0	2	3.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Cirrhosis of liver (581)	1	5.8	1	4.0	---	---	3	4.5	3	4.6	---	---	1	7.7	1	7.8	---	---	1	3.9	1	4.2	---	---	
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	2	7.7	2	8.0	---	---	3	4.5	2	3.1	1	---	---	---	---	---	---	---	3	11.7	3	12.6	---	---	
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)	---	---																							

TABLE X (Continued)—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR COUNTIES OF TENNESSEE INCLUSIVE OF CITIES, RESIDENT DATA, 1966

	WHITE						WILLIAMSON						WILSON					
	Total 16,448 No.	Rate	White 15,986 No.	Rate	Nonwhite 462 No.	Rate	Total 29,278 No.	Rate	White 23,509 No.	Rate	Nonwhite 5,688 No.	Rate	Total 31,531 No.	Rate	White 29,447 No.	Rate	Nonwhite 5,084 No.	Rate
Estimated Population, July 1, 1966.....																		
<b>LIVE BIRTHS*</b> .....	270	16.4	263	16.6	7	15.2	491	16.8	409	17.3	82	14.4	644	18.6	525	17.8	119	23.4
In hospitals.....	267	---	260	---	7	---	489	---	408	---	81	---	638	---	524	---	114	---
Attended by physicians not in hospitals.....	2	---	2	---	---	---	2	---	1	---	1	---	6	---	1	---	5	---
Attended by midwives.....	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>FETAL DEATHS†</b> .....	8	29.6	8	30.4	---	---	3	6.1	3	7.9	---	---	14	21.7	10	19.0	4	33.6
In hospitals.....	8	---	8	---	---	---	3	---	3	---	---	---	13	---	10	---	3	---
Attended by physicians not in hospitals.....	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	1	---
Attended by midwives.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Attended by others or unspecified.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
<b>TOTAL DEATHS*</b> .....	171	10.4	155	9.7	16	34.6	286	9.8	230	9.7	56	9.8	320	9.3	273	9.3	47	9.2
Under 28 days of age.....	4	14.8	3	11.4	1	---	10	20.4	7	17.1	3	36.6	8	12.4	8	15.2	---	---
Under one year of age.....	8	29.6	7	26.6	1	---	11	22.4	8	19.6	3	36.6	14	21.7	12	22.9	2	16.8
<b>CAUSE OF DEATH**</b>																		
Tuberculosis, all forms (001-019).....	2	12.2	2	12.5	---	---	2	6.8	2	8.5	---	---	2	5.8	1	3.4	1	19.7
of respiratory system (001-008).....	2	12.2	2	12.5	---	---	1	3.4	1	4.2	---	---	2	5.8	1	3.4	1	19.7
Syphilis and its sequelae (020-029).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gonococcal infection (030-035).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhoid fever (40).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undulant fever (044).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dysentery, all forms (045-048).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet fever and streptococcal sore throat (050, 051).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diphtheria (055).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Whooping cough (056).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meningococcal infections (057).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tularemia (059).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute poliomyelitis (080).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acute infectious encephalitis (082).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Measles (085).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rabies (094).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Typhus fever (101, 102, 107).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rocky Mountain spotted fever (104).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malaria (110-117).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138).....	---	---	---	---	---	---	1	3.4	1	4.2	---	---	---	---	---	---	---	---
Malignant neoplasms (140-205).....	17	103.4	15	93.8	2	---	39	133.2	32	135.7	7	123.1	40	115.8	31	105.3	9	177.0
Benign and unsp. neoplasms (210-239).....	---	---	---	---	---	---	---	---	---	---	---	---	1	2.9	1	3.4	---	---
Diabetes mellitus (260).....	2	12.2	2	12.5	---	---	3	10.2	3	12.7	---	---	4	11.6	3	10.2	1	19.7
Pellagra (281).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Avitaminosis and other deficiency states (280, 282-286).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anemias (290-293).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vascular lesions affecting central nervous system (330-334).....	48	291.8	43	269.0	5	---	42	143.5	35	148.4	7	129.1	62	179.5	53	180.0	9	177.0
Nonmeningococcal meningitis (340).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rheumatic fever (400-402).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diseases of the heart (410-443).....	52	316.1	47	294.0	5	---	120	409.9	92	390.0	28	492.3	124	359.1	107	363.4	17	534.4
Chronic rheumatic heart dis. (410-416).....	---	---	---	---	---	---	1	3.4	1	4.2	---	---	3	8.7	2	6.8	1	19.7
Arteriosclerotic and degenerative heart disease (420-422).....	46	279.7	42	262.7	4	---	108	363.9	84	356.1	24	421.9	104	301.2	92	312.4	12	236.0
Other diseases of heart (430-434).....	2	12.2	2	12.5	---	---	7	23.9	7	29.7	---	---	2	5.8	2	6.8	---	---
Hypertension with heart dis. (440-443).....	4	24.5	3	18.8	1	---	4	13.7	---	---	4	70.3	15	43.4	11	37.4	4	78.7
Hypertension without mention of heart (444-447).....	2	12.2	2	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
General arteriosclerosis (450).....	10	60.8	10	62.6	---	---	6	20.5	5	21.2	1	17.6	3	8.7	3	10.2	---	---
Other dis. of circulatory system (451-468).....	1	6.1	1	6.3	---	---	4	13.7	3	12.7	1	17.6	2	5.8	2	6.8	---	---
Influenza (480-483).....	1	6.1	1	6.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pneumonia (490-493).....	1	6.1	1	6.3	---	---	4	13.7	4	17.0	---	---	13	37.6	10	34.0	3	59.0
Bronchitis (500-502).....	---	---	---	---	---	---	---	---	---	---	---	---	1	2.9	1	3.4	---	---
Other respiratory diseases (470-475, 510-527).....	1	6.1	1	6.3	---	---	4	13.7	3	12.7	1	17.6	3	8.7	3	10.2	---	---
Ulcer or stomach and duodenum (540, 541).....	---	---	---	---	---	---	1	3.4	1	4.2	---	---	1	2.9	1	3.4	---	---
Appendicitis (550-553).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hernia and intestinal obstruction (560, 561, 570).....	6	36.5	4	25.0	2	---	---	---	---	---	---	---	1	2.9	1	3.4	---	---
Gastritis, enteritis, etc. (543, 571, 572).....	---	---	---	---	---	---	2	6.8	1	4.2	1	17.6	1	2.9	1	3.4	---	---
Cirrhosis of liver (581).....	1	6.1	---	---	1	---	2	6.8	2	8.5	---	---	1	2.9	1	3.4	---	---
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587).....	1	6.1	1	6.3	---	---	2	6.8	2	8.5	---	---	5	14.5	3	10.2	2	39.3
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chronic and unsp. nephritis and other renal sclerosis (592-594).....	1	6.1	1	6.3	---	---	3	10.2	2	8.5	1	17.6	1	2.9	1	3.4	---	---
Hyperplasia of prostate (610).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other diseases of genito-urinary system (600-609, 611-637).....	2	12.2	2	12.5	---	---	5	17.1	5	21.2	---	---	4	11.6	4	13.6	---	---
Complications of pregnancy, childbirth and the puerperium (640-689).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Congenital malformations (750-759).....	---	---	---	---	---	---	1	3.4	1	4.2	---	---	1	2.9	1	3.4	---	---
Birth injuries, postnatal asphyxia and atelectasis (760-762).....	1	6.1	1	6.3	---	---	2	6.8	2	8.5	---	---	1	2.9	1	3.4	---	---
Infections of the newborn (763-768).....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other diseases peculiar to early infancy, and immaturity unqualified (769-776).....	1	6.1	1	6.3	---	---	7	23.9	4	17.0	3	52.7	7	20.3	7	23.8	---	---
Senility, ill-defined and unknown causes (780-795).....	4	24.3	3	18.8	1	---	1	3.4	1	4.2	---	---	5	14.5	5	17.0	---	---
Motor vehicle accidents (810-835).....	8	48.6	8	50.0	---	---	13	44.4	12	50.9	1	17.6	14	40.5	13	44.1	1	19.7
All other accidents (800-802, 840-962).....	4	24.3	4	25.0	---	---	8	27.3	7	29.7	1	17.6	11	31.9	10	34.0	1	19.7
Suicide (963, 970-979).....	2	12.2	2	12.5	---	---	4	13.7	4	17.0	---	---	5	14.5	5	17.0	---	---
Homicide and operations of war (984, 985, 980-999).....	2	12.2	2	12.5	---	---	5	17.1	3	12.7	2	35.2	3	8.7	2	6.8	1	19.7
All other diseases.....	1	6.1	1	6.3	---	---	5	17.1	3	12.7	2	35.2	4	11.6	2	6.8	2	39.3

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.  
 \*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Title numbers are those of the *International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955.*

TABLE XI—BIRTHS, FETAL DEATHS AND DEATHS FROM IMPORTANT CAUSES WITH RATES, BY RACE, FOR THREE COUNTIES OF TENNESSEE EXCLUSIVE OF CITIES OF OVER 100,000 POPULATION#, RESIDENT DATA, 1966

Estimated Population, July 1, 1966	HAMILTON						KNOX						SHELBY					
	TOTAL 119,027		WHITE 112,851		Nonwhite 6,176		TOTAL 84,474		WHITE 82,595		Nonwhite 1,879		TOTAL 131,255		WHITE 86,440		Nonwhite 44,815	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS*	2,027	16.9	1,967	17.4	60	8.9	1,470	17.4	1,442	17.5	28	14.9	2,919	22.5	1,758	20.3	1191	26.0
In hospitals	2,020		1,961		59		1,463		1,435		28		2,818		1,737		1081	
Attended by physicians not in hospitals	6		6				6		6				127		21		109	
Attended by midwives	1				1		1		1				4				4	
Attended by others or unspecified																		
FETAL DEATHS†	34	16.8	33	16.8	1	16.7	34	23.1	33	22.9	1	35.7	46	15.6	16	9.1	30	25.2
In hospitals	34		33		1		32		31		1		43		16		27	
Attended by physicians not in hospitals							2		2				1				1	
Attended by midwives																		
Attended by others or unspecified													2				2	
TOTAL DEATHS*	845	7.1	812	7.2	33	4.9	657	7.8	643	7.8	14	7.5	904	6.9	555	6.4	349	7.8
Under 28 days of age‡	38	18.7	36	18.3	2	33.3	12	8.2	12	8.3			79	26.8	41	23.3	38	31.9
Under one year of age‡	48	23.7	44	22.4	4	66.7	24	16.3	23	16.0	1	35.7	103	34.9	47	26.7	56	47.0
CAUSE OF DEATH**																		
Tuberculosis, all forms (001-019)	6	5.0	5	4.4	1	14.8	4	4.7	4	4.8								
of respiratory system (001-008)	6	5.0	5	4.4	1	14.8	4	4.7	4	4.8								
Syphilis and its sequelae (020-029)							2	2.4	2	2.4								
Gonococcal infection (030-035)																		
Typhoid fever (040)																		
Undulant fever (044)																		
Dysentery, all forms (045-048)																		
Scarlet fever and streptococcal sore throat (050, 051)													1	0.8	1	1.2		
Diphtheria (055)																		
Whooping cough (056)																		
Meningococcal infections (057)																		
Tularemia (059)																		
Acute poliomyelitis (080)																		
Acute infectious encephalitis (082)																		
Measles (085)													1	0.8	1	1.2		
Rubella (094)																		
Typhus fever (101, 102, 107)																		
Rocky Mountain spotted fever (104)																		
Malaria (110-117)																		
Other infective and parasitic diseases (036-039, 041, 042, 049, 052-054, 061-074, 081, 083, 086-093, 095, 096, 108, 120-138)	3	2.5	3	2.7			2	2.4	2	2.4			5	3.8	4	4.0	1	2.2
Malignant neoplasms (140-205)	130	108.7	125	110.8	5	73.8	85	100.6	84	101.7	1		151	115.0	107	125.8	44	38.2
Benign and unsp. neoplasms (210-239)	3	2.5	3	2.7									1	0.8	1	1.2		
Diabetes mellitus (260)	16	13.4	16	14.2			6	7.1	5	6.1	1		16	12.2	11	12.7	5	11.2
Pellagra (281)																		
Avitaminosis and other deficiency states (280, 282-286)	2	1.7	2	1.8			1	1.2	1	1.2			1	0.8			1	2.2
Anemias (290-293)	2	1.7	2	1.8			1	1.2	1	1.2			5	3.8	4	4.0	1	2.2
Vascular lesions affecting central nervous system (330-334)	98	81.9	94	83.3	4	59.0	70	82.9	68	82.3	2		135	102.9	71	82.1	64	142.8
Nonmeningococcal meningitis (340)													2	1.5	1	1.2	1	2.2
Rheumatic fever (400-402)							1	1.2	1	1.2								
Diseases of the heart (410-413)	298	249.1	290	257.0	8	118.1	267	316.1	262	317.2	5		254	193.5	159	183.3	95	212.0
Chronic rheumatic heart dis. (410-416)	4	3.5	4	3.5			3	3.6	3	3.6			3	2.3	2	2.5	1	2.2
Arteriosclerotic and degenerative heart disease (420-422)	245	204.8	238	210.9	7	103.3	223	264.0	219	265.1	4		220	167.6	144	166.6	76	169.6
Other diseases of heart (430-434)	23	19.2	23	20.4			15	17.8	15	18.2			10	7.6	6	6.9	4	8.0
Hypertension with heart dis. (440-443)	26	21.7	25	22.2	1	14.8	26	30.8	25	30.3	1		21	16.0	7	8.1	14	51.2
Hypertension without mention of heart (444-447)	6	5.0	6	5.3			2	2.4	2	2.4			9	6.9	3	3.5	6	13.4
General arteriosclerosis (450)	19	15.9	19	16.8			20	23.7	20	24.2			21	16.0	15	17.4	6	13.4
Other dis. of circulatory system (451-468)	11	9.2	11	9.7			8	9.5	8	9.7			12	9.1	5	5.8	7	15.6
Influenza (480-483)													2	1.5	1	1.2	1	2.2
Pneumonia (490-493)	23	19.2	22	19.5	1	14.8	18	21.3	16	19.4	2		27	20.6	14	16.2	13	29.0
Bronchitis (500-502)	5	4.2	5	4.4			1	1.2	1	1.2			6	4.6	4	4.6	2	4.5
Other respiratory diseases (470-475, 510-527)	10	8.4	10	8.9			9	10.7	9	10.9			19	14.5	12	13.9	7	15.6
Ulcer or stomach and duodenum (540, 541)	5	4.2	5	4.4			4	4.7	4	4.8			4	3.0	3	3.5	1	2.2
Appendicitis (550-553)							1	1.2	1	1.2								
Hernia and intestinal obstruction (560, 561, 570)	7	5.9	7	6.2			4	4.7	4	4.8			2	1.5	2	2.3		
Gastritis, enteritis, etc. (543, 571, 572)	2	1.7	2	1.8			4	4.7	4	4.8			4	3.0	1	1.2	3	6.7
Cirrhosis of liver (581)	5	4.2	5	4.4			4	4.7	4	4.8			7	5.3	3	3.5	4	8.9
Other diseases of digestive system (530-539, 542, 544, 545, 573-580, 582-587)	4	3.3	4	3.5			5	5.9	5	6.1			9	6.9	8	9.3	1	2.2
Acute nephritis, nephritis with edema, incl. nephrosis (590, 591)																		
Chronic and unsp. nephritis and other renal sclerosis (592-594)	4	3.3	4	3.5			4	4.7	4	4.8			7	5.3	2	2.3	5	11.2
Hyperplasia of prostate (610)	1	0.8			1	14.8	1	1.2	1	1.2			2	1.5	1	1.2	1	2.2
Other diseases of genito-urinary system (600-609, 611-637)	8	6.7	7	6.2	1	14.8	3	3.6	3	3.6			5	3.8	3	3.5	2	4.6
Complications of pregnancy, childbirth and the puerperium (640-689)	1	4.9			1	166.7							1	3.4			1	8.4
Congenital malformations (750-759)	11	9.2	11	9.7			11	13.0	11	13.3			21	16.0	15	17.4	6	13.4
Birth injuries, postnatal asphyxia and atelectasis (760-762)	12	10.0	10	8.9	2	29.5	5	5.9	5	6.1			22	16.8	12	13.9	10	22.5
Infections of the newborn (763-768)	1	0.8	1	0.9									3	2.3	1	1.2	2	4.5
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	17	14.2	17	15.1			5	5.9	5	6.1			45	34.3	22	25.5	23	51.3
Senility, ill-defined and unknown causes (780-795)	22	18.4	18	16.0	4	59.0	27	32.0	26	31.5	1		7	5.5	1	1.2	6	13.4
Motor vehicle accidents (810-835)	50	41.8	49	43.4	1	14.8	32	37.9	32	38.7			38	29.0	31	35.9	7	15.6
All other accidents (800-802, 840-962)	28	23.4	24	21.3	4	59.0	13	15.4	13	15.7			28	21.3	16	18.5	12	26.8
Suicide (963, 970-979)	11	9.2	11	9.7			8	9.5	8	9.7			10	7.6	10	11.6		
Homicide and operations of war (964, 965, 980-999)	5	4.2	5	4.4			6	7.1	4	4.8	2		9	6.9	3	3.5	6	13.4
All other diseases	19	15.9	19	16.8			23	27.2	23	27.8			12	9.1	7	8.1	5	11.2

\*Rate per 1,000 population. †Rate per 1,000 live births. These rates are not calculated when the number of births is less than 10.  
 \*\*Rates from specific causes per 100,000 population with exception of maternal death rate which is per 10,000 live births. Death rates from specific causes are not calculated for white and nonwhite populations of less than 5,000. Tite numbers are those of the International Statistical Classification of Diseases, Injuries, and Causes of Death, 1955.  
 ‡See explanation concerning Davidson County on page 7 of this Bulletin.