

Leading Causes of Death Shelby County, TN

LEADING CAUSES OF DEATH WITH RATES PER 100,000 POPULATION IN THE SHELBY COUNTY HEALTH REGION, BY RACE, RESIDENT DATA, 2020

CAUSE	TOTAL				WHITE				BLACK			
	RANK	NUMBER	RATE	AGE ADJUSTED RATE	RANK	NUMBER	RATE	AGE ADJUSTED RATE	RANK	NUMBER	RATE	AGE ADJUSTED RATE
DISEASES OF HEART	1	2,108	225.2	210.4	1	878	230.8	163.3	1	1,211	237.7	259.4
MALIGNANT NEOPLASMS	2	1,648	176.1	160.3	2	708	186.1	134.2	2	901	176.9	189.5
COVID-19	3	952	101.7	95.4	4	349	91.7	65.4	3	580	113.9	126.1
ACCIDENTS AND ADVERSE EFFECTS	4	902	96.4	98.7	3	382	100.4	95.3	4	484	95.0	99.9
CEREBROVASCULAR DISEASE	5	495	52.9	50.0	6	200	52.6	37.0	6	288	56.5	64.8
ALZHEIMER'S DISEASE	6	349	37.3	37.5	5	238	62.6	43.3	13	109	21.4	29.8
ASSAULT (HOMICIDE)	7	327	34.9	36.4	17	23	6.0	6.3	5	292	57.3	57.9
CHRONIC LOWER RESPIRATORY DISEASES	8	322	34.4	31.8	7	190	49.9	34.6	9	131	25.7	28.2
DIABETES MELLITUS	9	300	32.1	29.5	9	87	22.9	16.7	7	209	41.0	44.4
PNEUMONIA AND INFLUENZA	10	227	24.3	23.0	8	108	28.4	19.9	10	118	23.2	26.8
SEPTICEMIA	11	204	21.8	20.2	10	81	21.3	15.4	10	118	23.2	25.5
HYPERTENSION AND RENAL DISEASE	12	184	19.7	18.7	14	49	12.9	9.1	8	133	26.1	31.2

TOTALS SUMMARIZE EVENTS WITH RACE OTHER THAN WHITE OR BLACK AND INCLUDE 'NOT STATED' OR 'UNKNOWN'.

SOURCE: TENNESSEE DEATH STATISTICAL FILE, 2020, TENNESSEE DEPARTMENT OF HEALTH, DIVISION OF VITAL RECORDS AND STATISTICS. RATES CALCULATED BASED ON TOTAL POPULATION COUNTS FROM THE TENNESSEE POPULATION ESTIMATES PROGRAM, 2020, TENNESSEE DEPARTMENT OF HEALTH, DIVISION OF POPULATION HEALTH ASSESSMENT.

Leading Causes of Death in Shelby County, 2020

Heart Disease: Black Age Adjusted Death Rate is **1.6 x** higher than whites

Malignant Neoplasm (Cancer): Black Age Adjusted Death Rate is **1.4 x** higher than whites

COVID-19: Black Age Adjusted Death Rate is **1.9 x** higher than whites

Cerebrovascular Disease: Black Age Adjusted Death Rate is **1.8 x** higher than whites

Leading Causes of Death in Shelby County, 2020 - continued

Assault (Homicide): Black Age Adjusted Death Rate is 9.2 x higher than whites

Diabetes Mellitus: Black Age Adjusted Death Rate is 2.7 x higher than whites

Hypertension/Renal Disease: Black Age Adjusted Death Rate is 3.4 x higher than whites

Cancer Incidence

Shelby County, TN

	Incidence Rates (Cases/100,000 Population) 2016-2020				
Sex/Race/Ethnicity	All Cancer	Breast Cancer (Females)	Colorectal Cancer	Lung Cancer	Prostate Cancer (Males)
Overall	438.5	125.0	41.0	54.7	143.0
Male	506.5		47.4	68.7	
Female	391.5		36.2	44.7	
Asian/Pacific Islander	250.8	98.5	32.9	31.2	60.3
Black/African American	441.1	122.1	44.8	57.4	174.6
Hispanic	296.3	106.5	24.3	36.2	55.0
White	443.7	129.3	38.2	52.8	122.6
Source: https://www.healthiershelby.com/indicators/index/dashboard					

Death Rates

Shelby County, TN

Age Adjusted Death Rates (Deaths/100,000 Population) 2018-2020

Sex/Race/Ethnicity	Coronary Heart Disease	Influenza/Pneumonia	Kidney Disease		
Overall	103.6	19.5	16.1		
Male	148.4	25.5	20.2		
Female	71.8	15.7	13.3		
Asian/Pacific Islander	60.7				
Black/African American	113.3	19.6	24.3		
Hispanic	42.7				
White	93.4	19.0	8.8		

Source: <https://www.healthiershelby.com/indicators/index/dashboard>

Death Rates

Shelby County, TN

Age Adjusted Death Rates (Deaths/100,000 Population) 2018-2020

Sex/Race/Ethnicity	Due to Injuries	Due to Motor Vehicle Collisions	Suicide	Homicide	Due to Firearms
Overall	116.7	19.5	11.6	28.7	33.6
Male			19.1	52.5	61.5
Female			5.2	6.4	8.1
Asian/Pacific Islander	29.6				
Black/African American	128.3	24.1	7.1	44.0	45.6
Hispanic	79.8	19.3		24.9	26.7
White	114.6	14.0	17.1	8.0	16.9